

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120180.D
 Acq On : 23 Apr 2020 22:48
 Operator : MA/SJ
 Sample : L2330-14MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Manual Integrations
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 4/24/2020 1:34:37 PM

Quant Time: Apr 24 03:50:07 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	139730	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	562423	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	291751	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	543489	20.00	ng	0.00
76) Chrysene-d12	13.83	240	382098	20.00	ng	0.00
87) Perylene-d12	15.22	264	331026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	698183	86.35	ng	0.00
7) Phenol-d6	6.31	99	569471	54.66	ng	0.00
23) Nitrobenzene-d5	7.24	82	1073973	98.79	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	464091	129.92	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2099165	102.15	ng	0.00
79) Terphenyl-d14	12.78	244	2251573	99.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	89069	24.73	ng	99
3) Pyridine	2.98	79	187805	19.01	ng	97
4) n-Nitrosodimethylamine	2.93	42	132755	26.30	ng	99
6) Aniline	6.33	93	328123	24.00	ng	# 89
8) 2-Chlorophenol	6.45	128	442225	48.95	ng	96
9) Benzaldehyde	6.21	77	232290	42.84	ng	100
10) Phenol	6.32	94	237083	20.06	ng	# 49
11) bis(2-Chloroethyl)ether	6.40	93	483915	53.03	ng	100
12) 1,3-Dichlorobenzene	6.60	146	523652	52.95	ng	98
13) 1,4-Dichlorobenzene	6.68	146	534131	53.02	ng	98
14) 1,2-Dichlorobenzene	6.83	146	500813	53.94	ng	98
15) Benzyl Alcohol	6.82	79	303043	37.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	852075	47.98	ng	87
17) 2-Methylphenol	6.93	107	304933	37.82	ng	94
18) Hexachloroethane	7.17	117	200723	53.31	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	371977	55.52	ng	97
20) 3+4-Methylphenols	7.09	107	345669	35.06	ng	# 77
22) Acetophenone	7.08	105	715007	54.29	ng	# 97
24) Nitrobenzene	7.26	77	554439	50.70	ng	97
25) Isophorone	7.50	82	1028527	49.08	ng	99
26) 2-Nitrophenol	7.57	139	276647	50.63	ng	95
27) 2,4-Dimethylphenol	7.62	122	391403	47.50	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	628949	51.00	ng	99
29) 2,4-Dichlorophenol	7.82	162	395057	46.77	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	474581	49.59	ng	99
31) Naphthalene	7.97	128	1523737	51.49	ng	99
32) Benzoic acid	7.73	122	106422	14.70	ng	99
33) 4-Chloroaniline	8.02	127	182355	14.16	ng	99
34) Hexachlorobutadiene	8.09	225	275478	48.08	ng	99
35) Caprolactam	8.42	113	26101m	10.10	ng	
36) 4-Chloro-3-methylphenol	8.51	107	431300	47.16	ng	97
37) 2-Methylnaphthalene	8.66	142	1056820	52.68	ng	99
38) 1-Methylnaphthalene	8.76	142	988401	52.27	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	462258	50.16	ng	99

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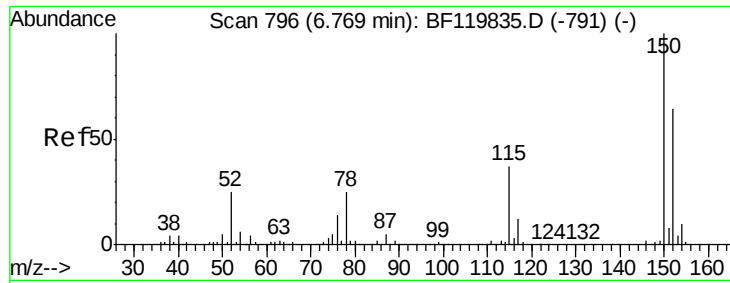
Manual Integrations
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 4/24/2020 1:34:37 PM

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 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	436839	83.37	ng	98
43) 2,4,6-Trichlorophenol	8.95	196	316681	49.77	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	336540	46.96	ng	98
46) 1,1'-Biphenyl	9.13	154	1270066	51.58	ng	99
47) 2-Chloronaphthalene	9.15	162	985028	51.93	ng	100
48) 2-Nitroaniline	9.26	65	346946	50.47	ng	94
49) Acenaphthylene	9.57	152	1485179	51.48	ng	99
50) Dimethylphthalate	9.45	163	1165742	51.66	ng	99
51) 2,6-Dinitrotoluene	9.50	165	262117	53.04	ng	92
52) Acenaphthene	9.74	154	917423	47.67	ng	99
53) 3-Nitroaniline	9.66	138	100679	17.84	ng	96
54) 2,4-Dinitrophenol	9.78	184	276151	93.34	ng	92
55) Dibenzofuran	9.92	168	1338969	50.70	ng	97
56) 4-Nitrophenol	9.84	139	136054	32.40	ng	96
57) 2,4-Dinitrotoluene	9.90	165	324181	49.79	ng	# 88
58) Fluorene	10.26	166	1073844	50.84	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.03	232	269918	49.24	ng	98
60) Diethylphthalate	10.14	149	1187519	50.77	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	513112	47.40	ng	95
62) 4-Nitroaniline	10.29	138	245876	45.71	ng	99
63) Azobenzene	10.41	77	1107609	52.84	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	190548	53.22	ng	92
66) n-Nitrosodiphenylamine	10.37	169	981922	54.33	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	316987	46.90	ng	96
68) Hexachlorobenzene	10.80	284	347654	50.70	ng	# 90
69) Atrazine	10.90	200	282572	56.19	ng	99
70) Pentachlorophenol	11.00	266	318877	80.70	ng	98
71) Phenanthrene	11.22	178	1450956	50.16	ng	98
72) Anthracene	11.27	178	1590912	53.84	ng	98
73) Carbazole	11.42	167	1414419	50.62	ng	98
74) Di-n-butylphthalate	11.76	149	1912485	52.06	ng	100
75) Fluoranthene	12.40	202	1652732	52.96	ng	99
77) Benzidine	12.52	184	546713	42.33	ng	99
78) Pyrene	12.63	202	1666133	51.72	ng	98
80) Butylbenzylphthalate	13.25	149	799748	51.17	ng	95
81) Benzo(a)anthracene	13.82	228	1302880	51.83	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	233636	24.91	ng	98
83) Chrysene	13.85	228	1345295	52.67	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1072655	50.68	ng	98
85) Di-n-octyl phthalate	14.43	149	1881351	52.20	ng	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1148230	51.00	ng	99
88) Benzo(b)fluoranthene	14.83	252	1199156	50.36	ng	99
89) Benzo(k)fluoranthene	14.86	252	1128925	54.95	ng	99
90) Benzo(a)pyrene	15.17	252	1023273	51.11	ng	96
91) Dibenzo(a,h)anthracene	16.60	278	951123	53.63	ng	100
92) Benzo(g,h,i)perylene	16.99	276	943872	53.92	ng	97

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



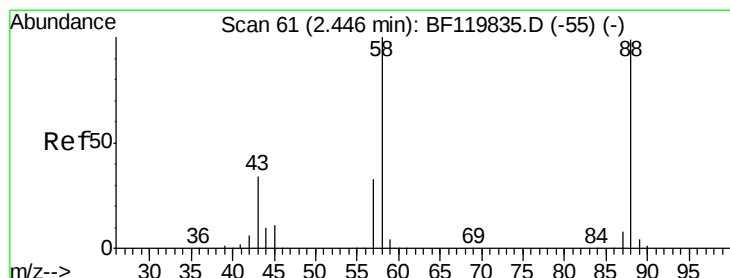
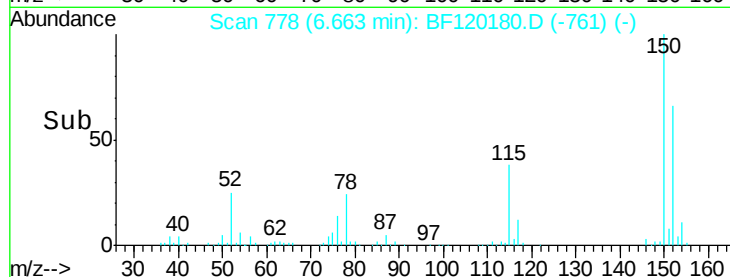
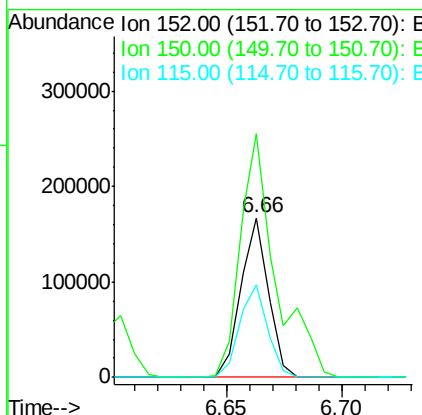
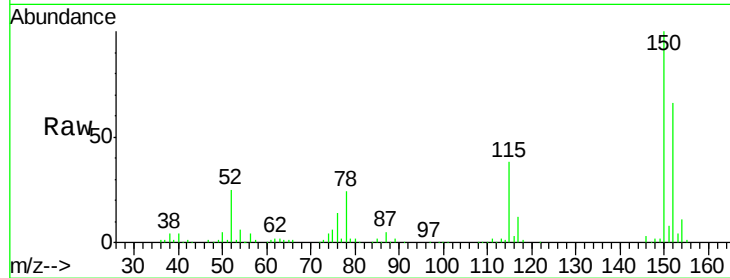
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.5	186.7
115	57.7	49.6	74.4

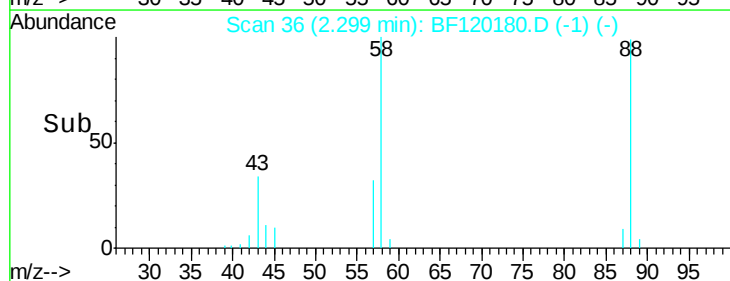
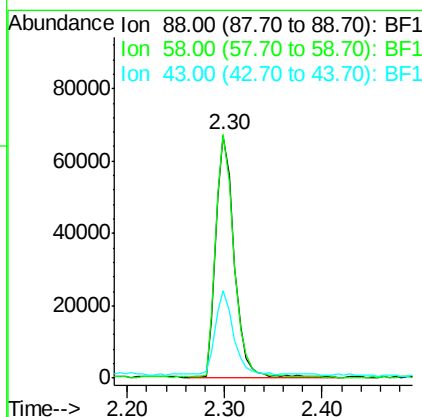
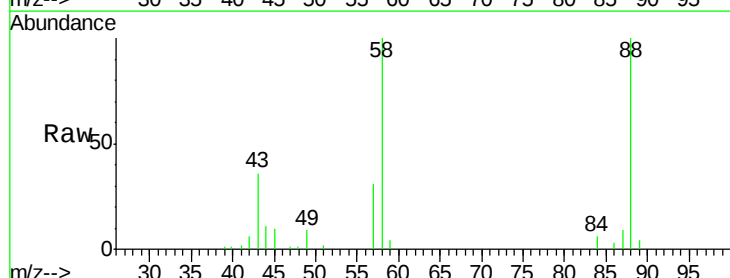
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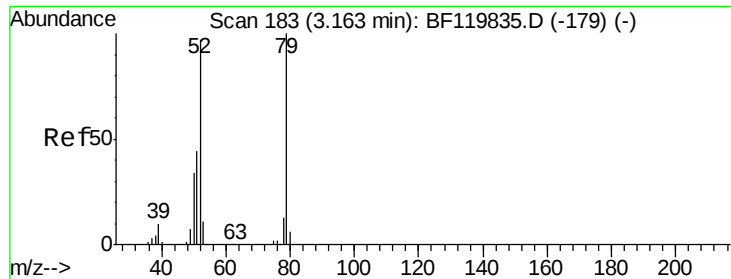
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#2
 1,4-Dioxane
 Concen: 24.73 ng
 RT: 2.30 min Scan# 36
 Delta R.T. 0.03 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	80.6	121.0
43	33.2	27.5	41.3





#3

Pyridine

Concen: 19.01 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.04 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

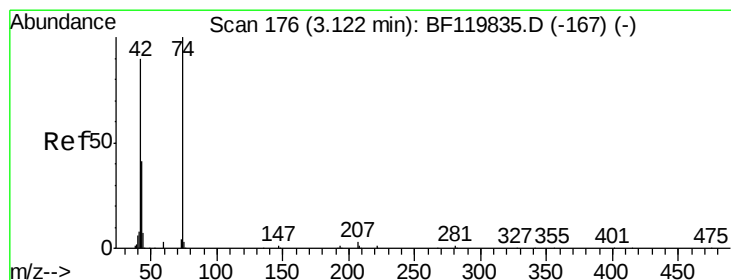
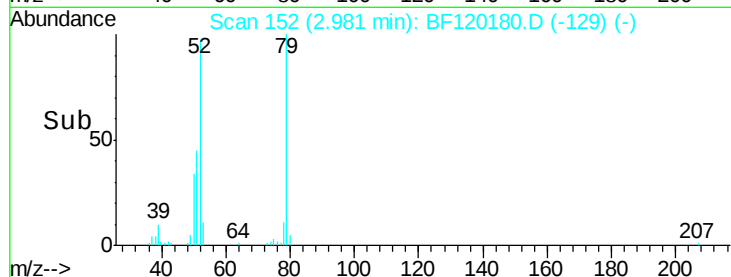
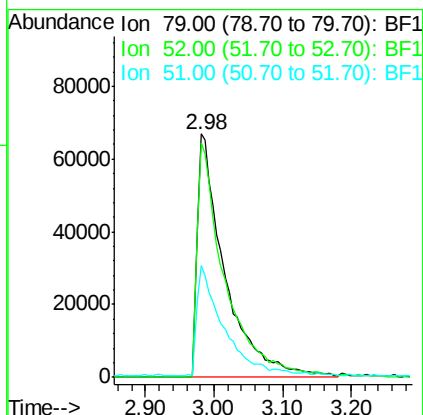
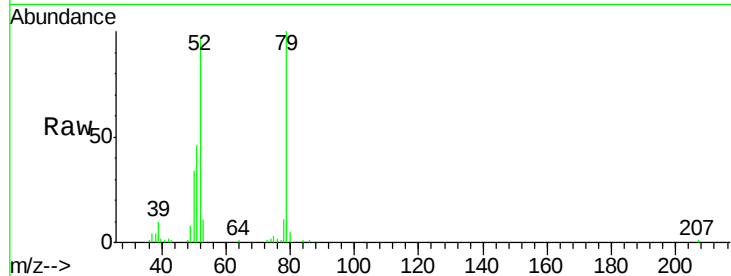
ClientSampleId :

PA-TWP-2MSD

Tgt Ion:	79	Resp:	187805
Ion Ratio	Lower	Upper	
79	100		
52	96.6	80.2	120.2
51	46.1	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 26.30 ng

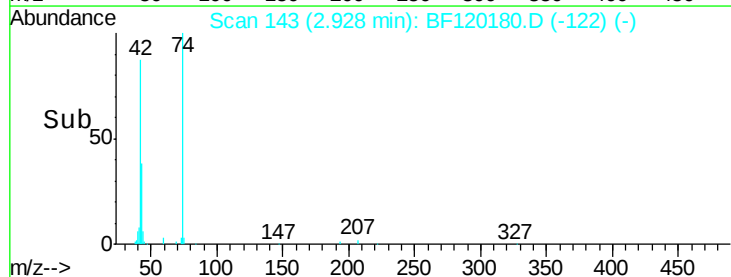
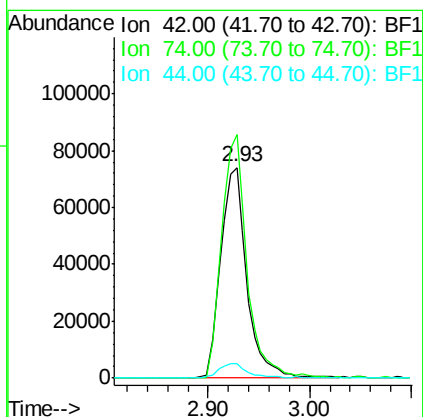
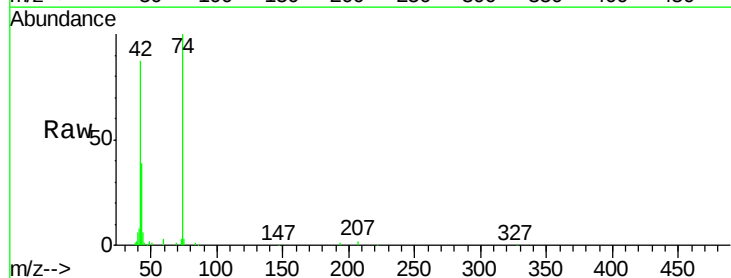
RT: 2.93 min Scan# 143

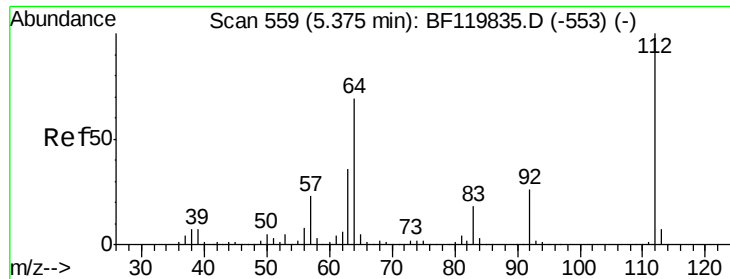
Delta R.T. 0.02 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	42	Resp:	132755
Ion Ratio	Lower	Upper	
42	100		
74	115.5	91.5	137.3
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 86.35 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

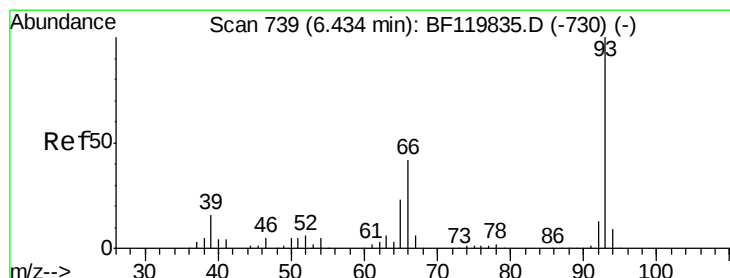
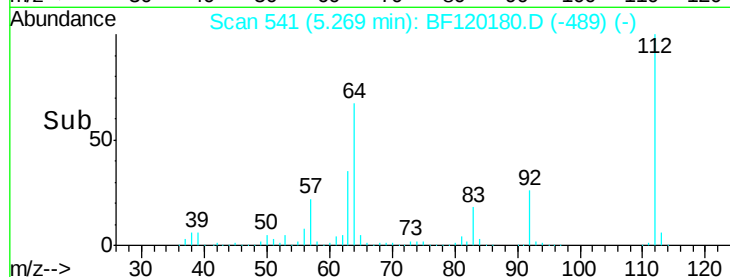
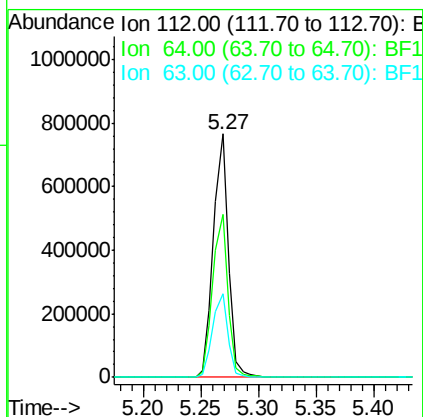
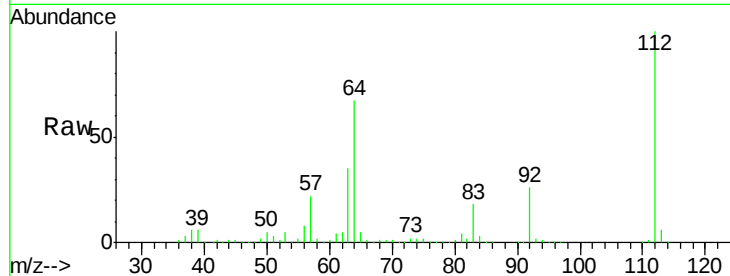
ClientSampleId :

PA-TWP-2MSD

Tgt Ion:	112	Resp:	698183
Ion Ratio	Lower	Upper	
112	100		
64	66.9	56.7	85.1
63	34.6	29.5	44.3

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#6

Aniline

Concen: 24.00 ng

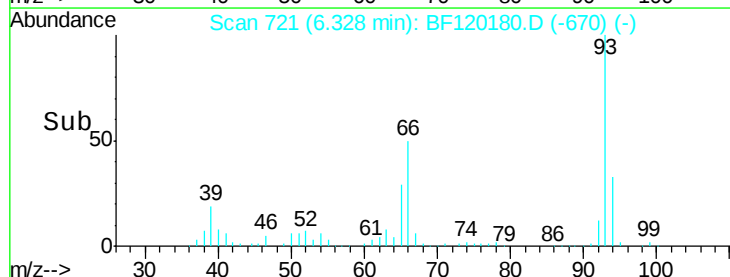
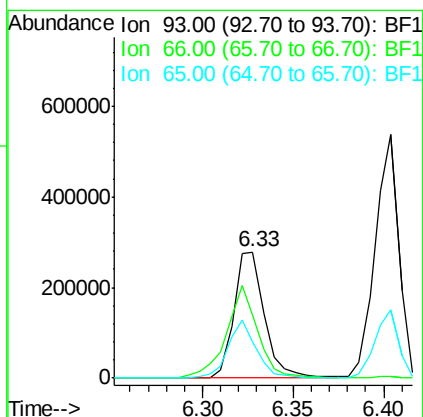
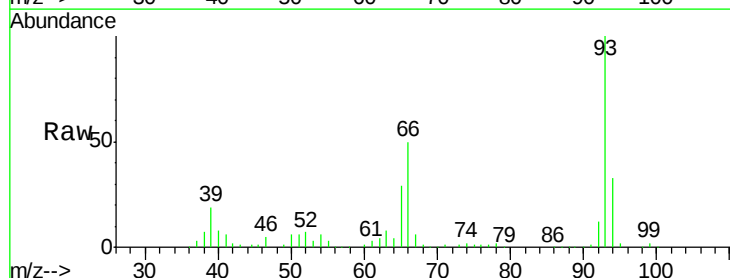
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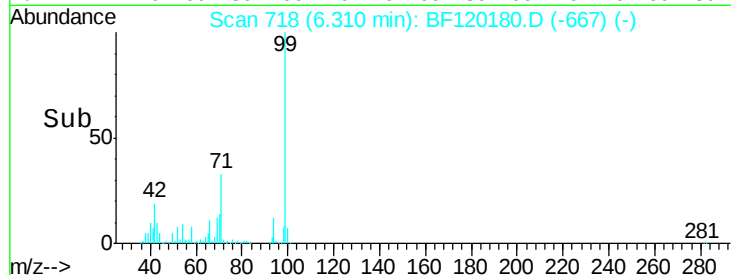
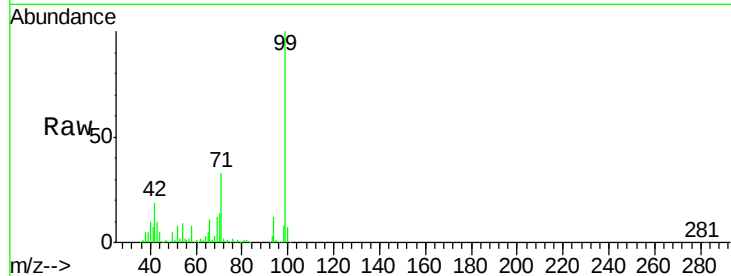
Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	93	Resp:	328123
Ion Ratio	Lower	Upper	
93	100		
66	50.3	34.9	52.3
65	28.8	18.6	27.8





#7

Phenol-d6

Concen: 54.66 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	99	Resp:	569471
Ion Ratio	Lower	Upper	
99	100		
42	19.1	16.6	24.8
71	32.7	26.4	39.6

Instrument :

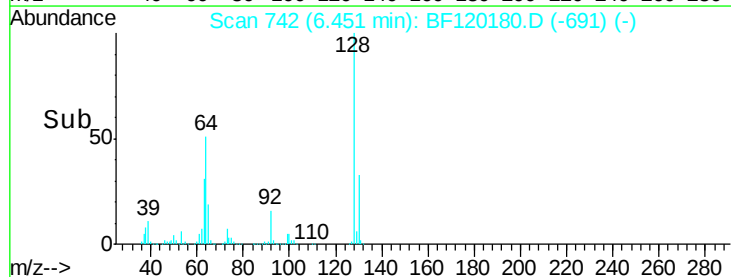
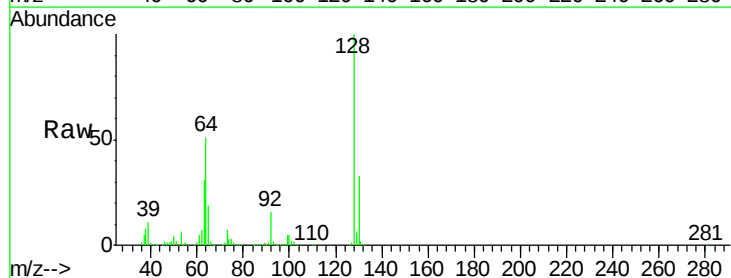
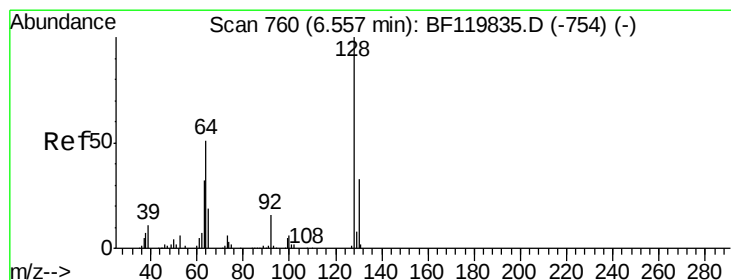
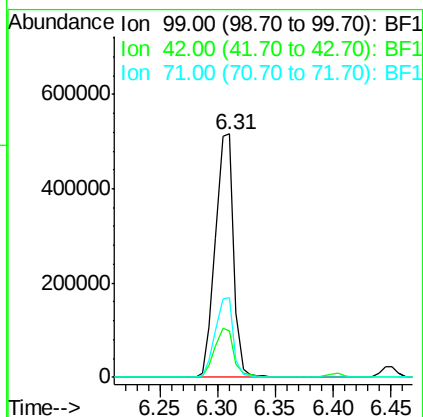
BNA_F

ClientSampleId :

PA-TWP-2MSD

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#8

2-Chlorophenol

Concen: 48.95 ng

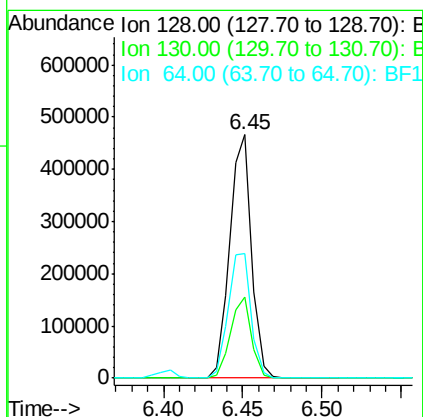
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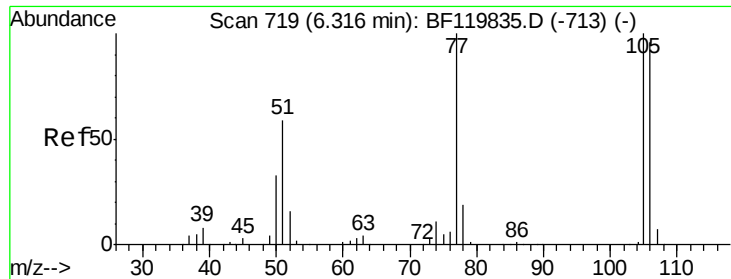
Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	128	Resp:	442225
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.6	52.6
64	51.3	35.3	75.3





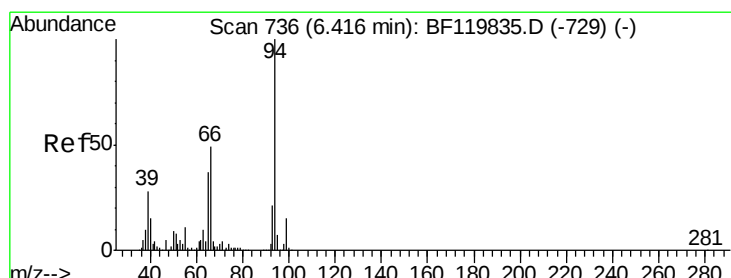
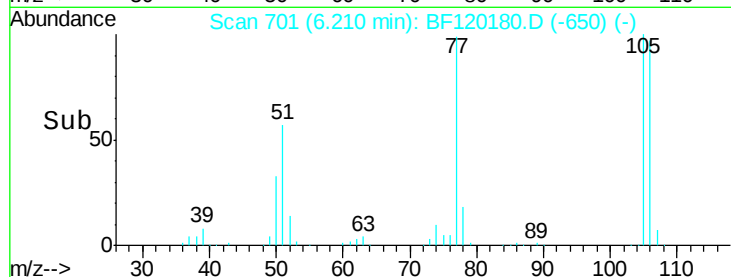
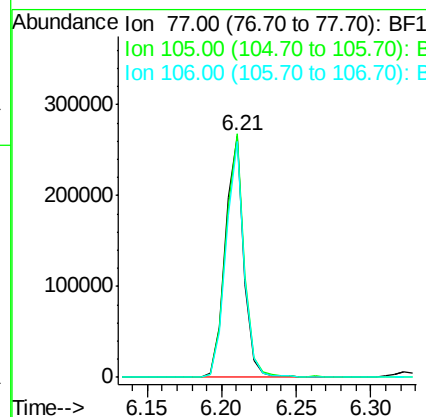
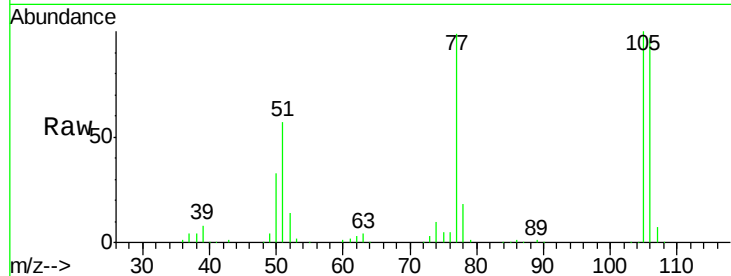
#9
Benzaldehyde
Concen: 42.84 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion: 77 Resp: 232290
Ion Ratio Lower Upper
77 100
105 100.9 80.9 120.9
106 97.8 77.9 117.9

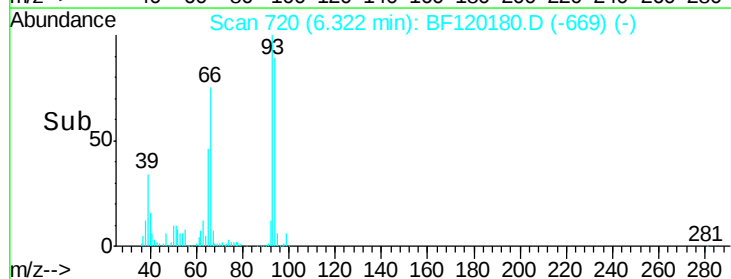
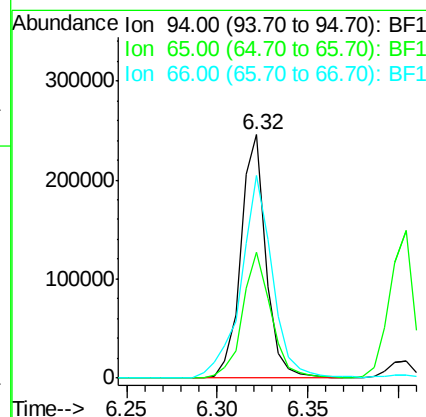
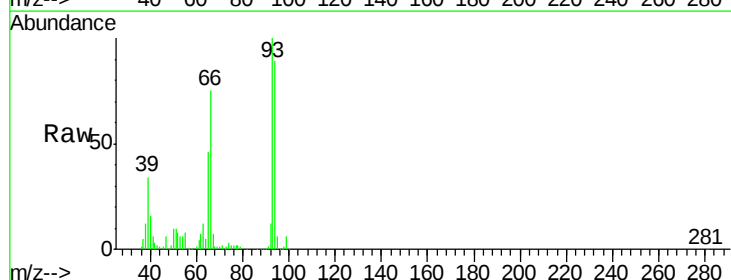
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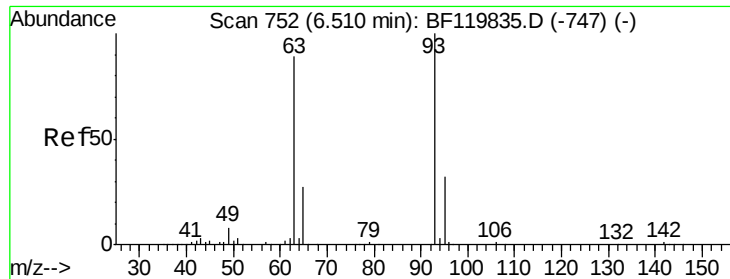
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#10
Phenol
Concen: 20.06 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion: 94 Resp: 237083
Ion Ratio Lower Upper
94 100
65 51.6 13.2 53.2
66 83.4 22.3 62.3#





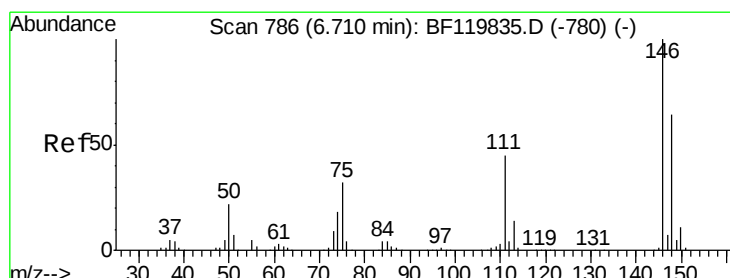
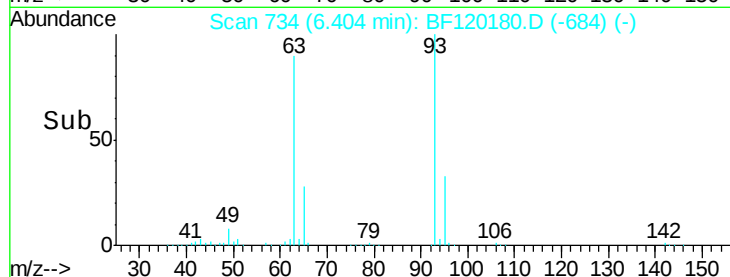
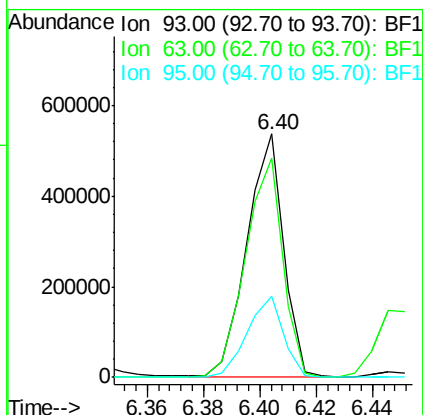
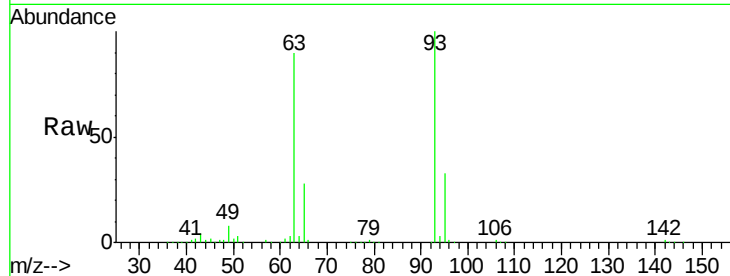
#11
bis(2-Chloroethyl)ether
Concen: 53.03 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	483915		
63	89.9	70.2	110.2	
95	33.3	13.4	53.4	

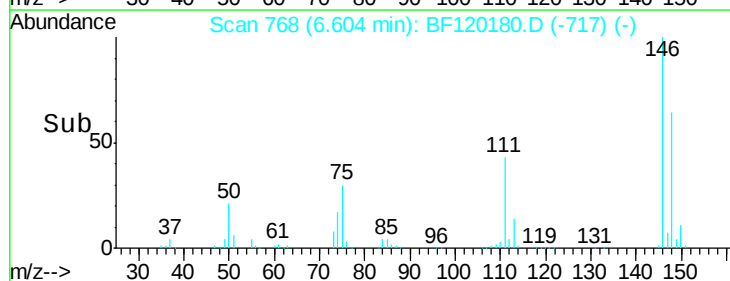
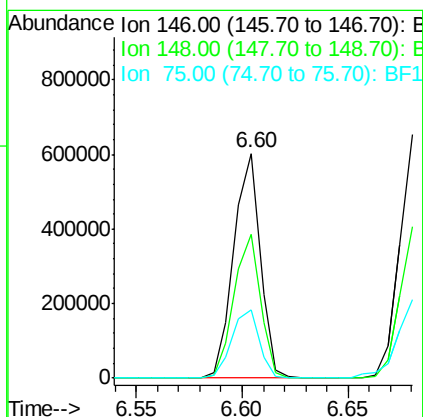
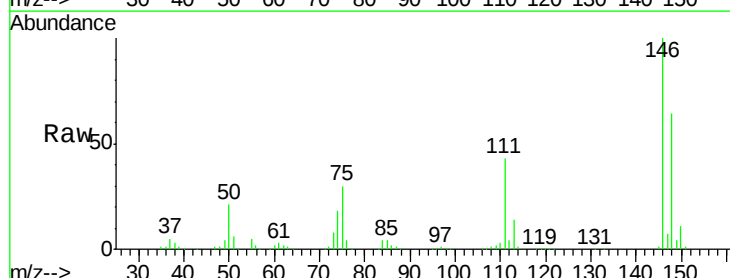
Manual Integrations
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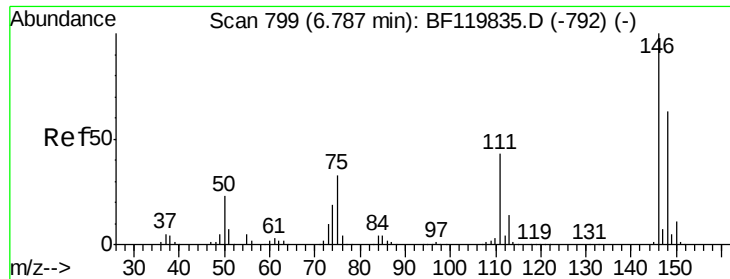
mohammad
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#12
1,3-Dichlorobenzene
Concen: 52.95 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	523652		
148	64.3	52.2	78.4	
75	30.4	23.0	34.4	





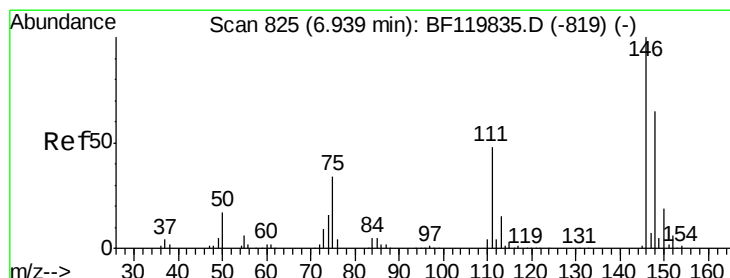
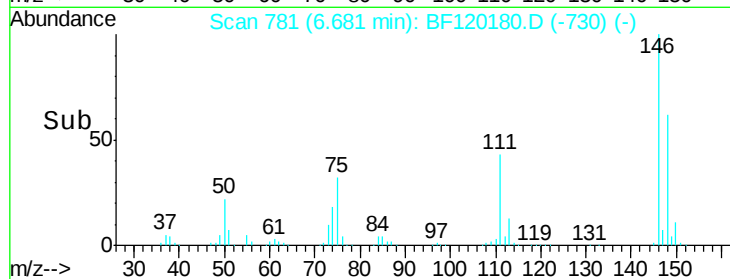
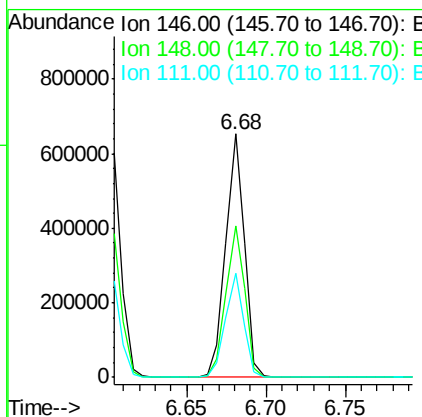
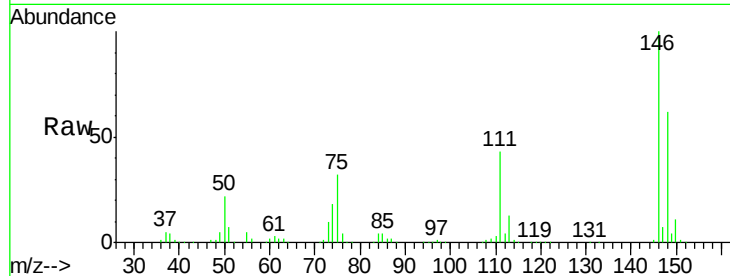
#13
 1,4-Dichlorobenzene
 Concen: 53.02 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.5	77.3
111	42.8	33.3	49.9

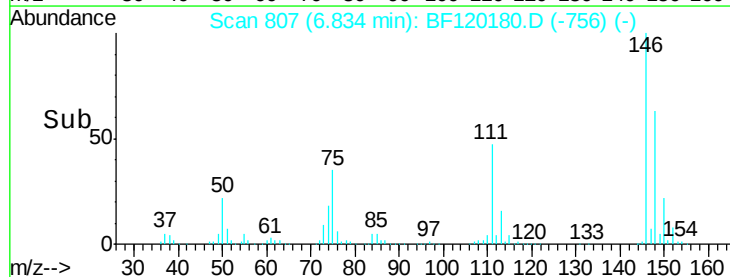
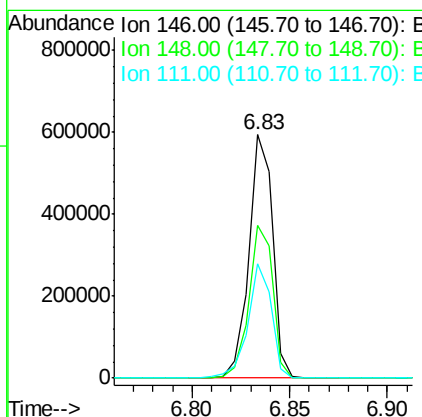
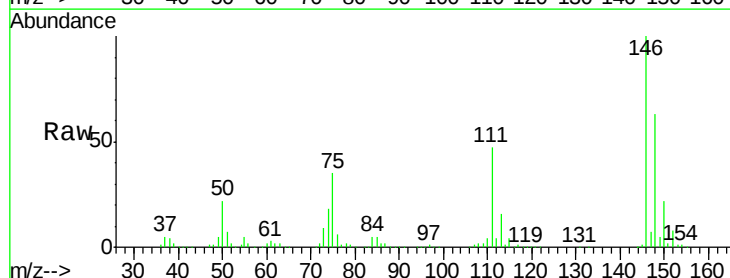
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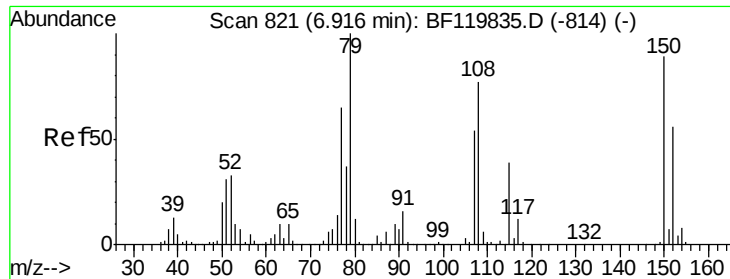
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 53.94 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	47.1	36.1	54.1





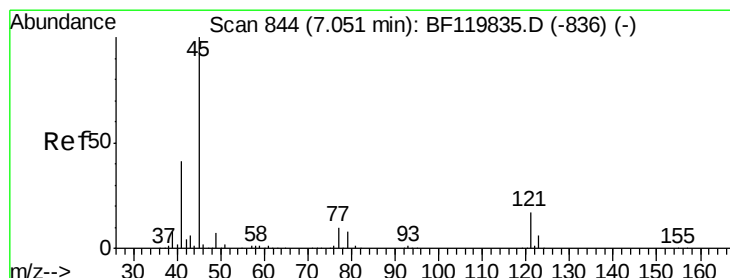
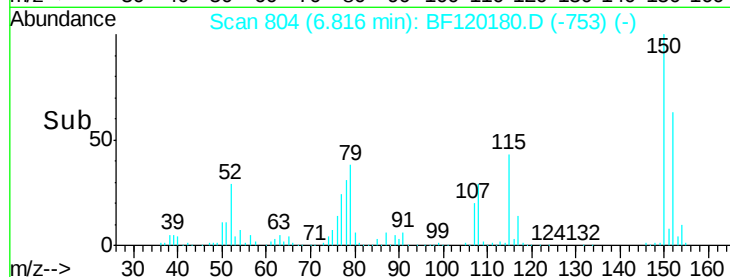
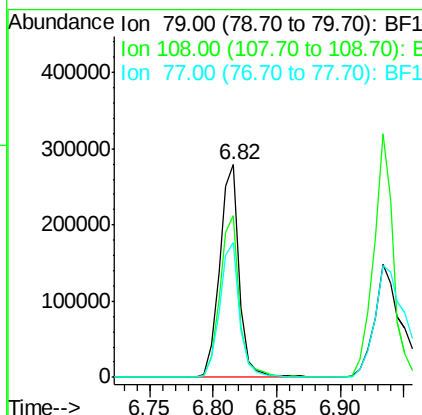
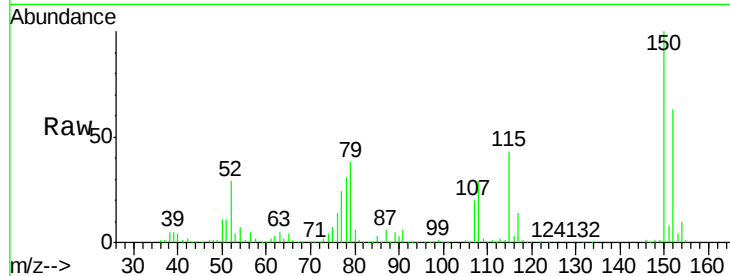
#15
Benzyl Alcohol
Concen: 37.45 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.2	60.6	90.8
77	63.3	50.2	75.2

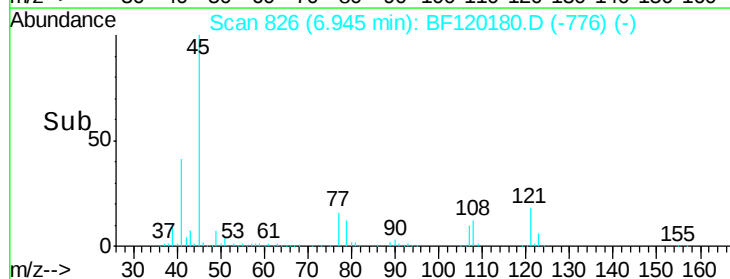
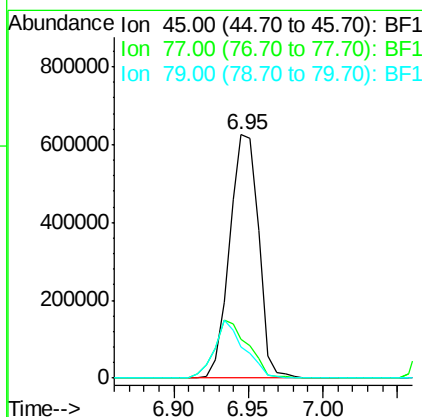
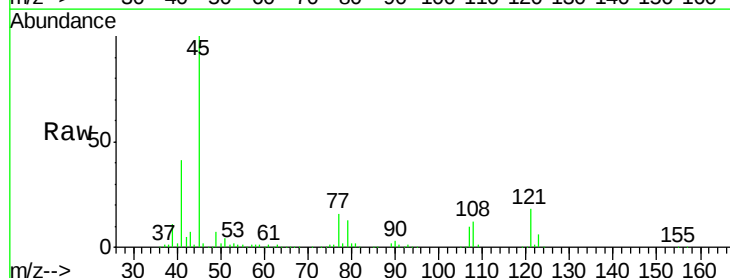
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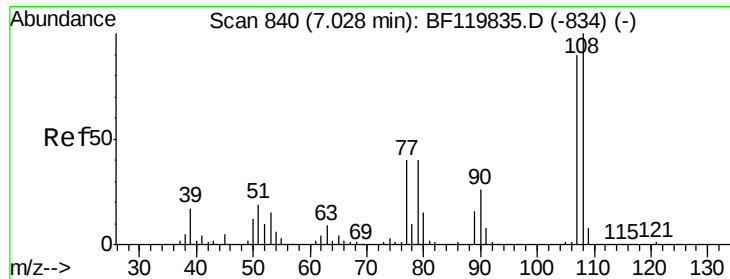
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.98 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	30.7
79	12.7	0.0	28.2





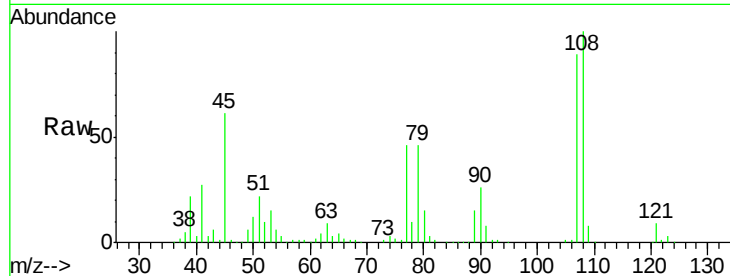
#17
2-Methylphenol
Concen: 37.82 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	304933		
108	111.8	92.2	138.4	
77	51.6	36.6	54.8	
79	51.7	36.2	54.4	

Manual Integrations
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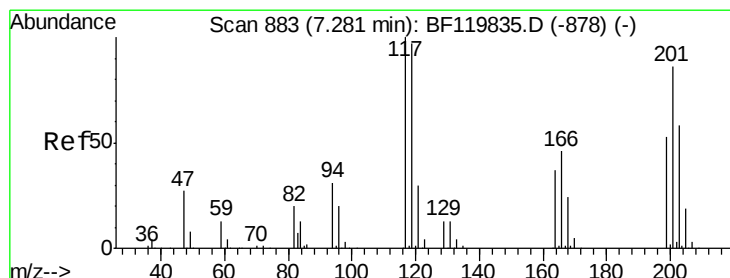
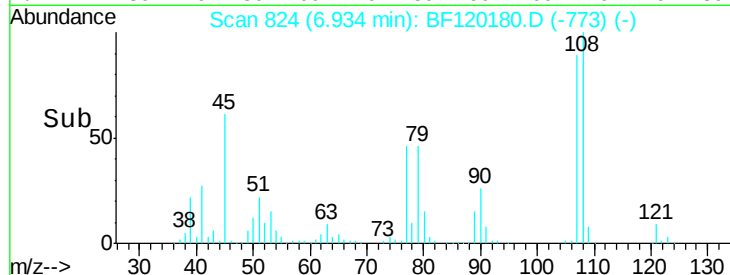
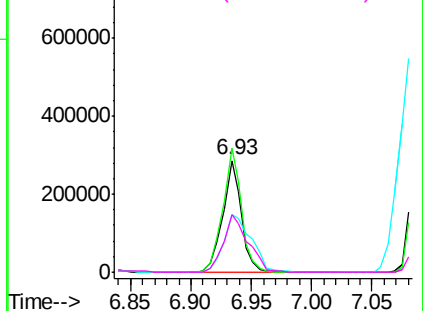
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

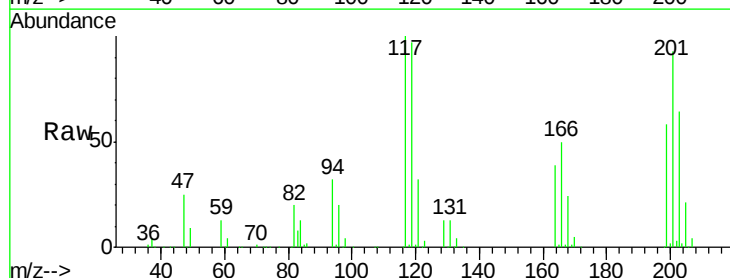
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 53.31 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200723		
119	97.3	76.1	114.1	
201	93.1	73.0	109.6	

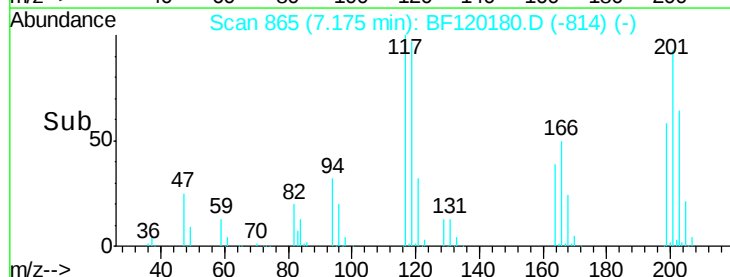
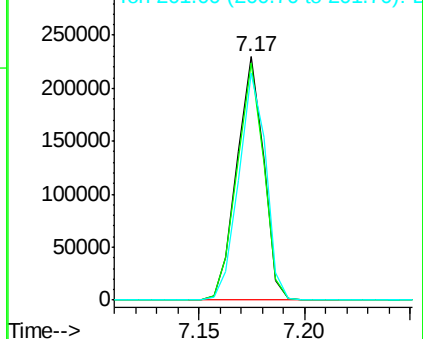


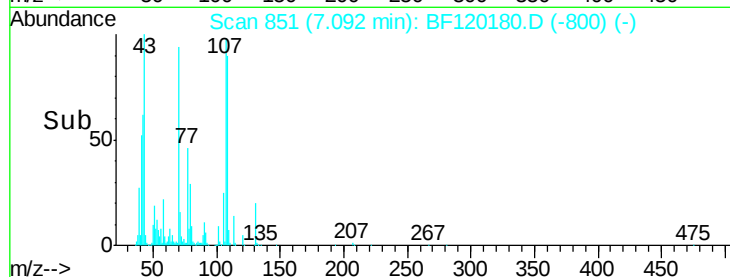
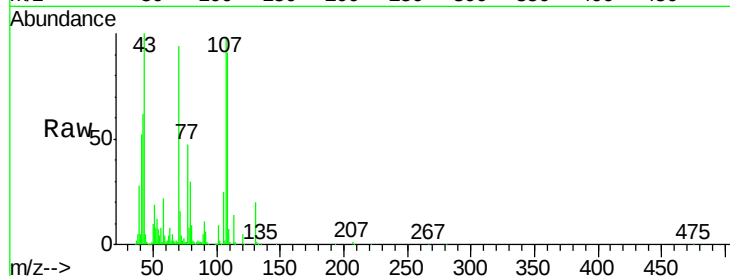
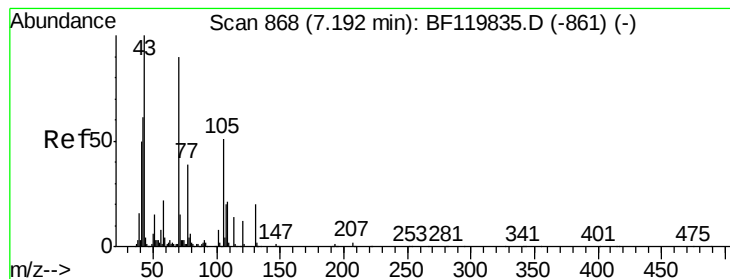
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 55.52 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2MSD

Tgt Ion: 70 Resp: 371977

Ion	Ratio	Lower	Upper
70	100		

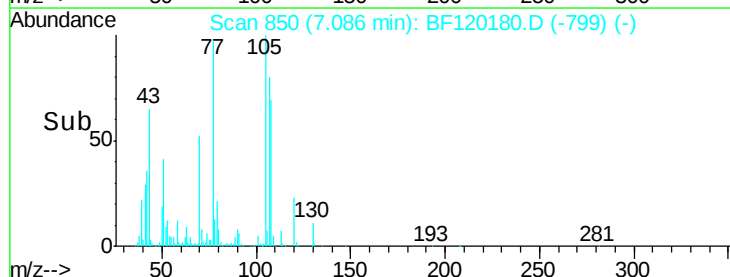
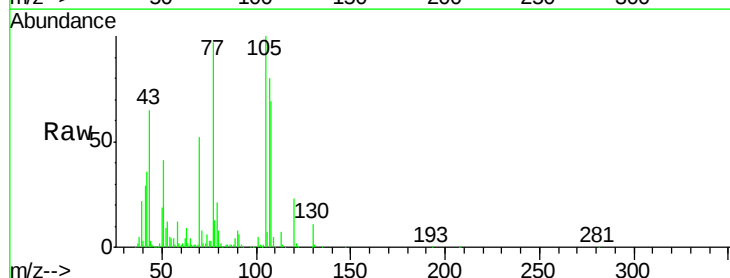
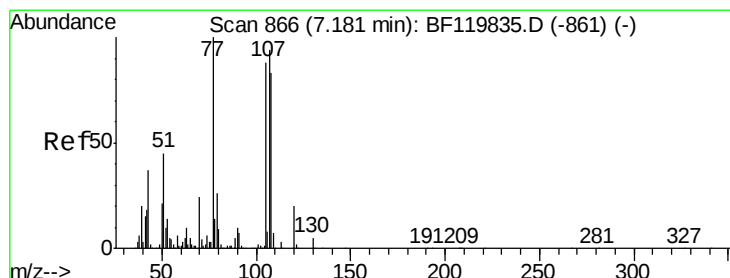
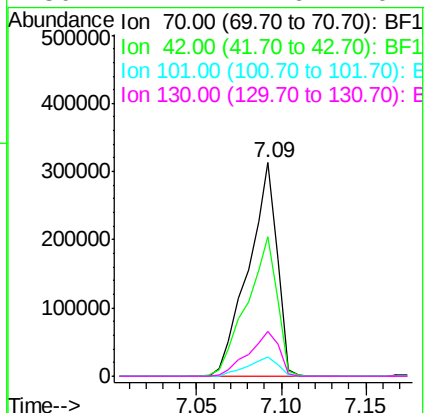
42	65.5	54.5	81.7
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101	9.3	7.6	11.4
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130	21.1	17.6	26.4
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#20

3+4-Methylphenols

Concen: 35.06 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

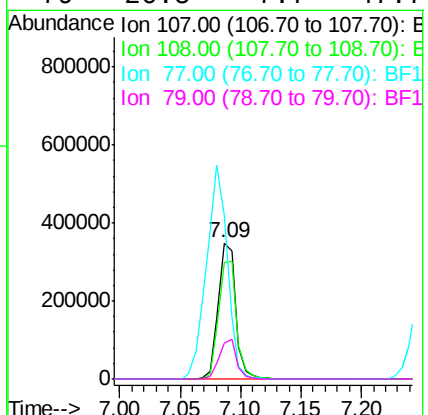
Tgt Ion: 107 Resp: 345669

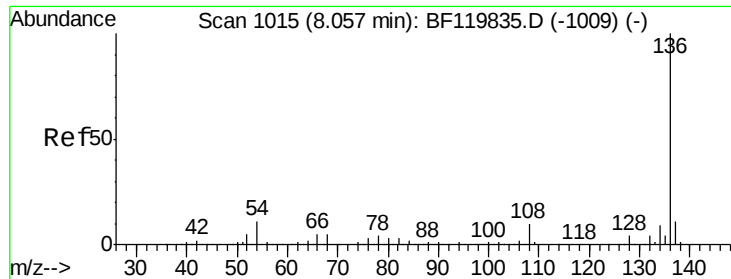
Ion	Ratio	Lower	Upper
107	100		

108	86.0	67.9	107.9
-----	------	------	-------

77	120.6	52.9	92.9#
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79	26.5	7.7	47.7
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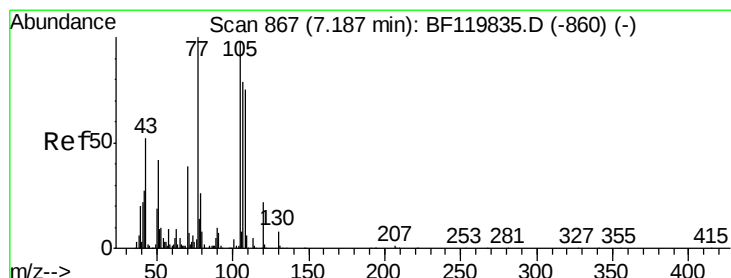
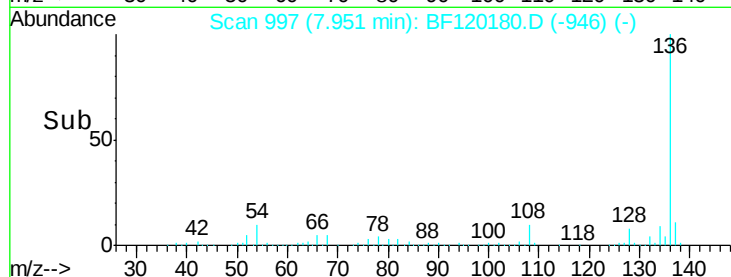
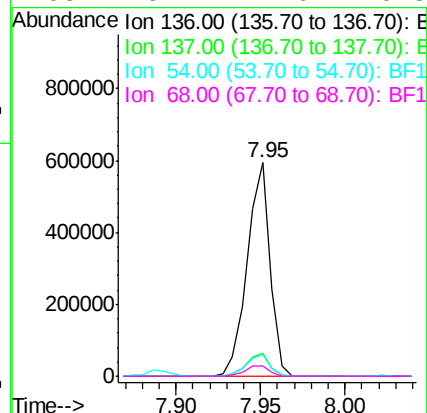
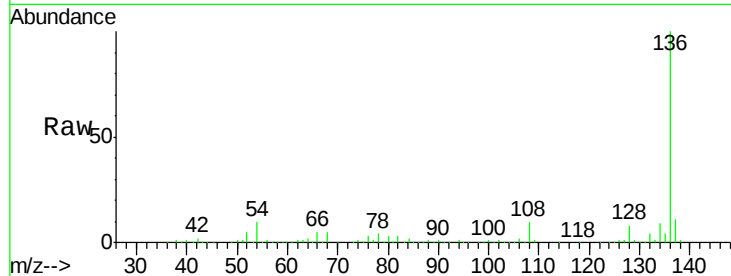
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	562423		
137	11.0	8.7	13.1	
54	10.0	9.1	13.7	
68	5.1	4.6	6.8	

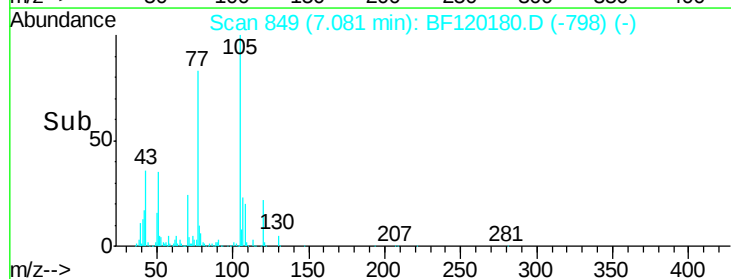
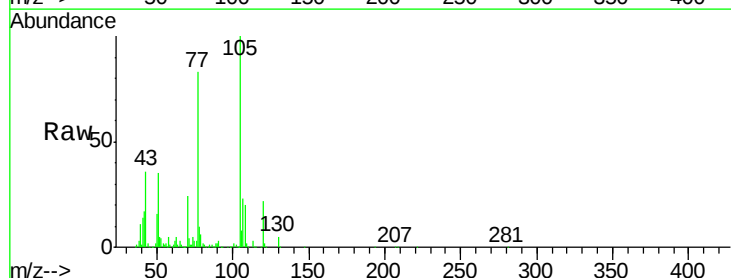
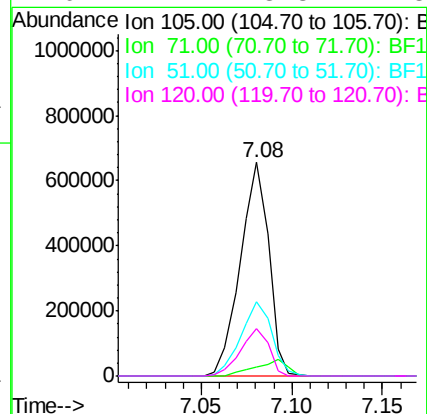
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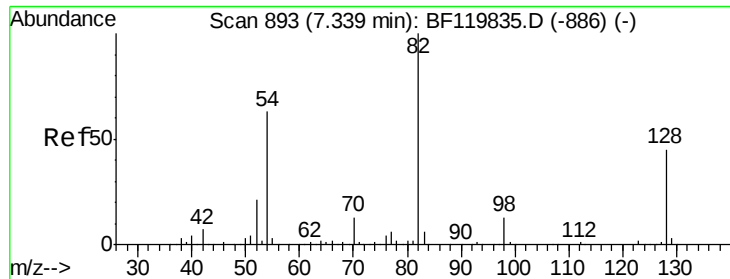
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#22
Acetophenone
Concen: 54.29 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	715007		
71	4.0	5.7	8.5#	
51	34.7	26.2	39.4	
120	22.4	18.3	27.5	





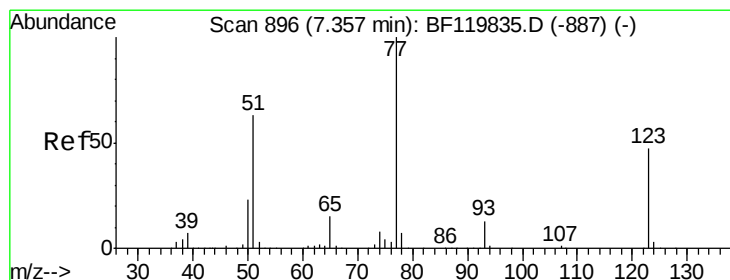
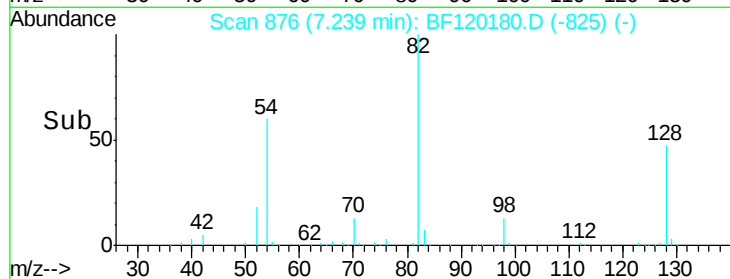
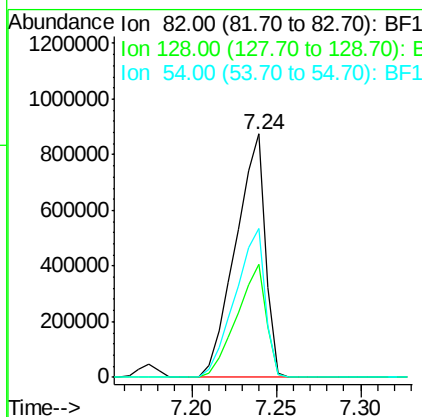
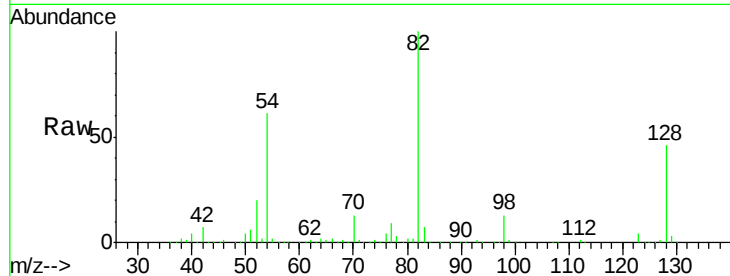
#23
 Nitrobenzene-d5
 Concen: 98.79 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion: 82 Resp: 1073973
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 61.3 50.6 75.8

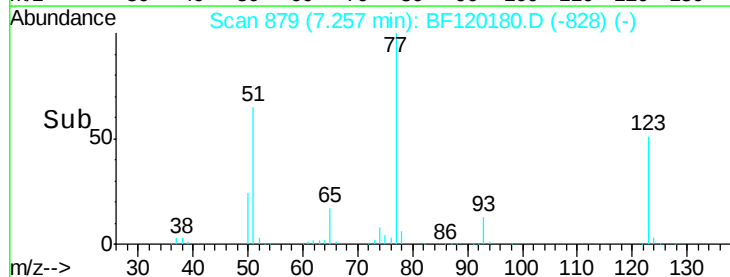
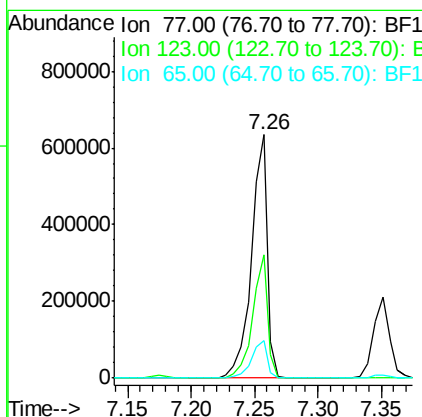
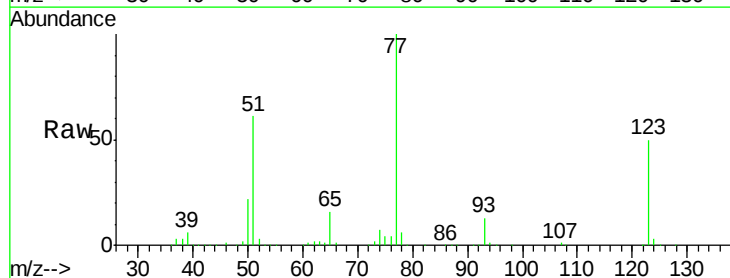
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#24
 Nitrobenzene
 Concen: 50.70 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion: 77 Resp: 554439
 Ion Ratio Lower Upper
 77 100
 123 50.4 38.0 57.0
 65 15.6 12.6 18.8





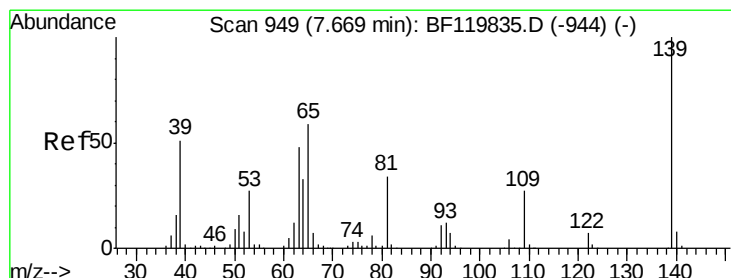
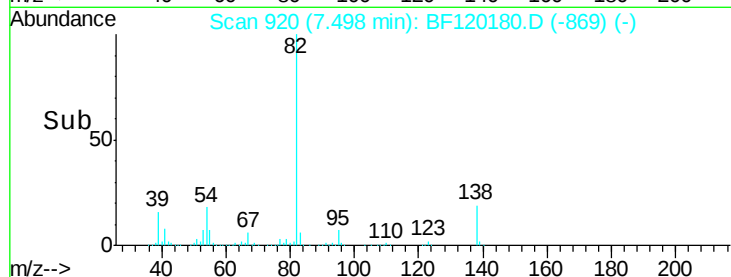
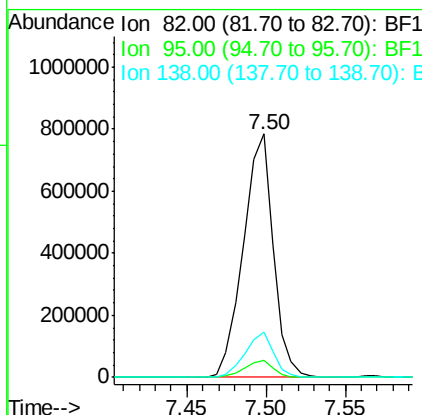
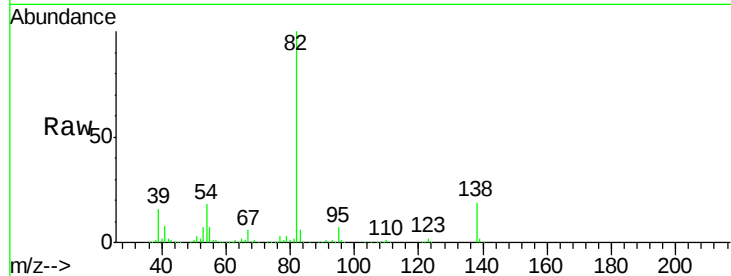
#25
Isophorone
Concen: 49.08 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion: 82 Resp: 1028527
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.6 14.6 21.8

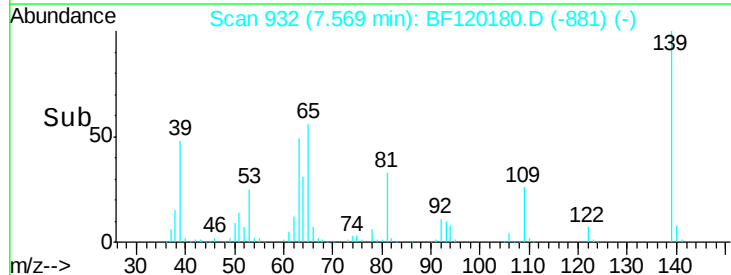
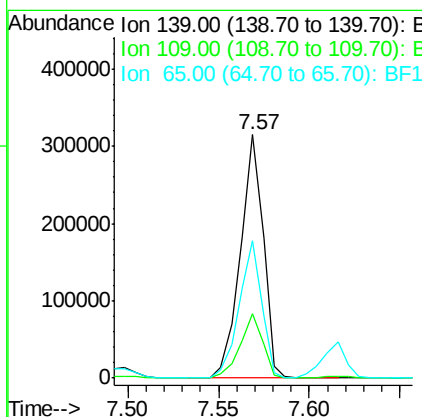
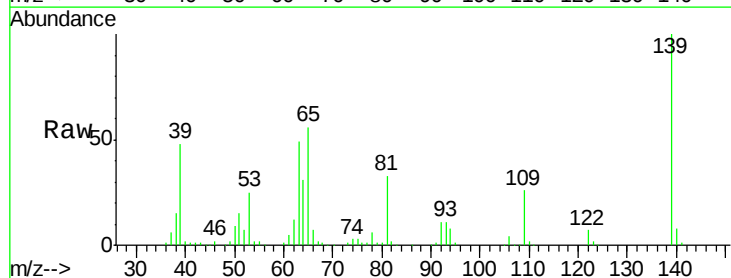
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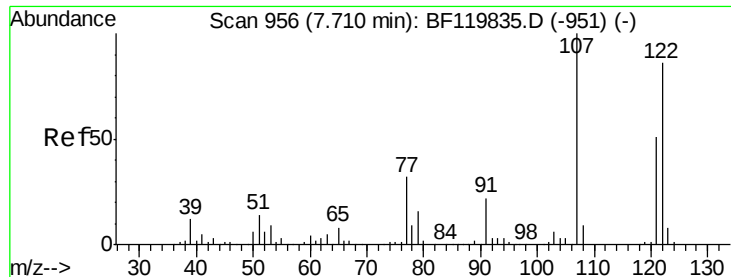
mohammad
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#26
2-Nitrophenol
Concen: 50.63 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion: 139 Resp: 276647
Ion Ratio Lower Upper
139 100
109 26.3 22.1 33.1
65 56.5 49.2 73.8





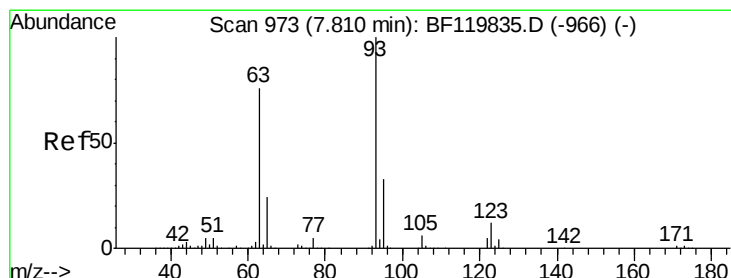
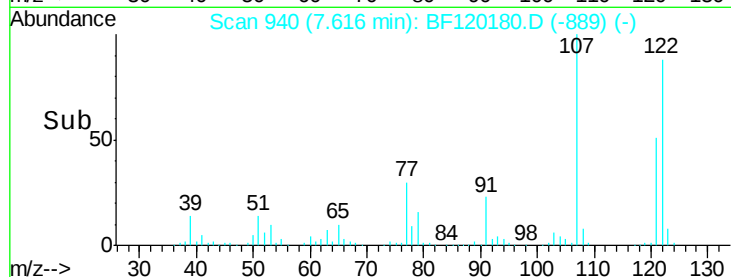
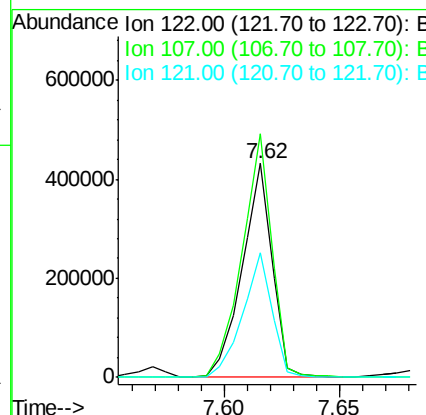
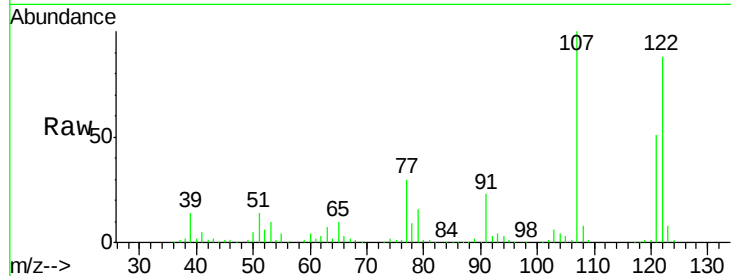
#27
2,4-Dimethylphenol
Concen: 47.50 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	391403		
107	113.8	89.0	133.6	
121	58.3	46.7	70.1	

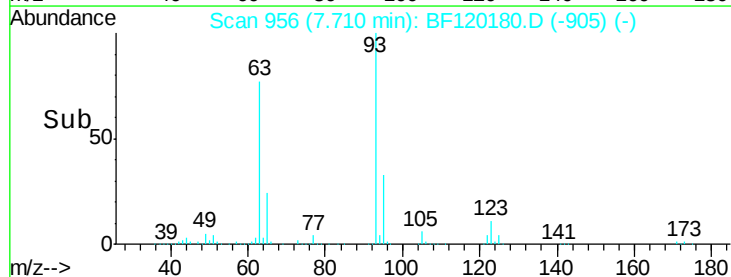
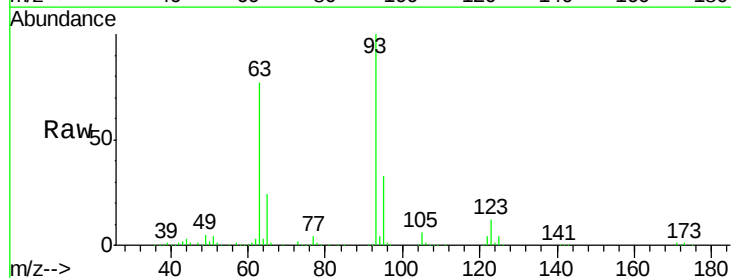
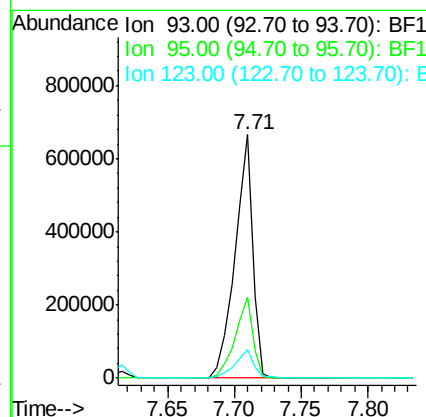
Manual Integrations
APPROVED

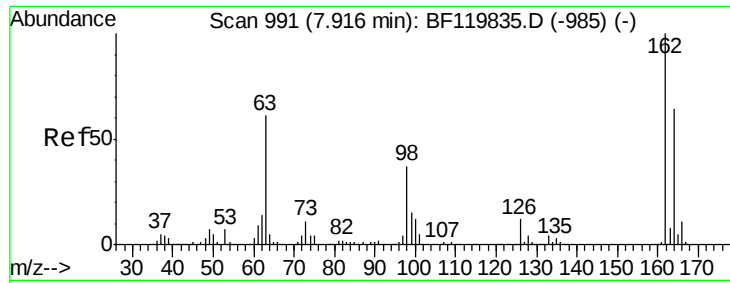
mohammad
4/24/2020 1:34:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 51.00 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	628949		
95	33.4	26.3	39.5	
123	11.5	9.7	14.5	





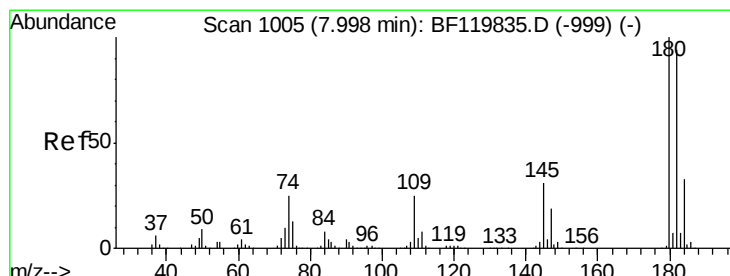
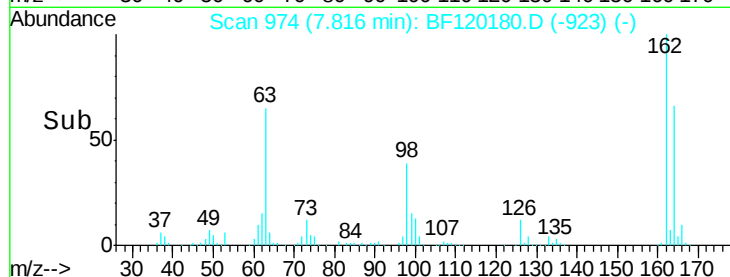
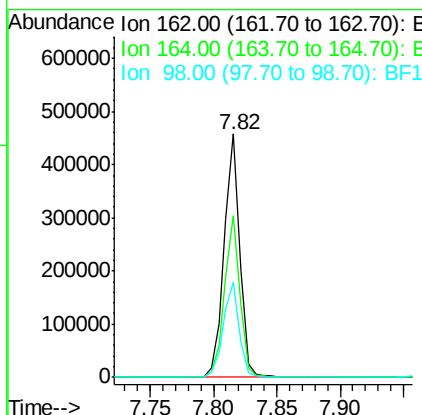
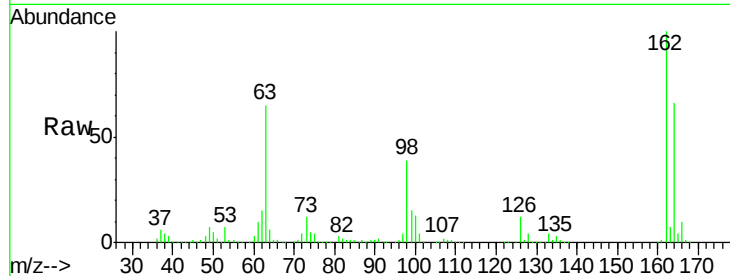
#29
2,4-Dichlorophenol
Concen: 46.77 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	395057		
164	66.2	44.7	84.7	
98	39.0	20.7	60.7	

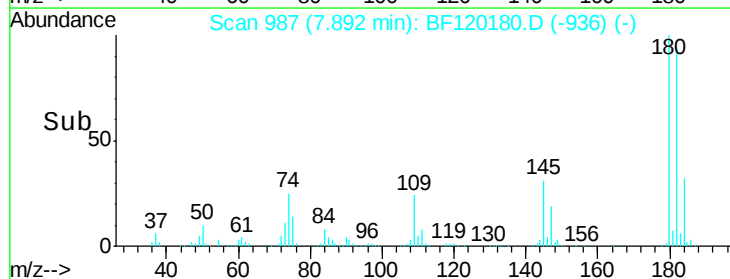
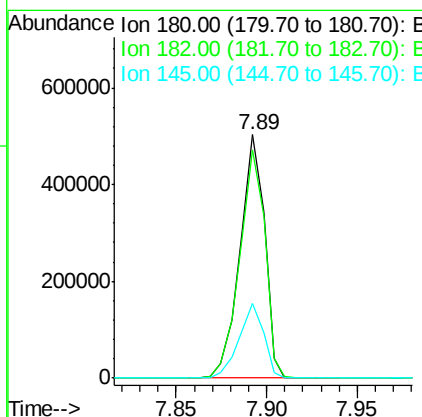
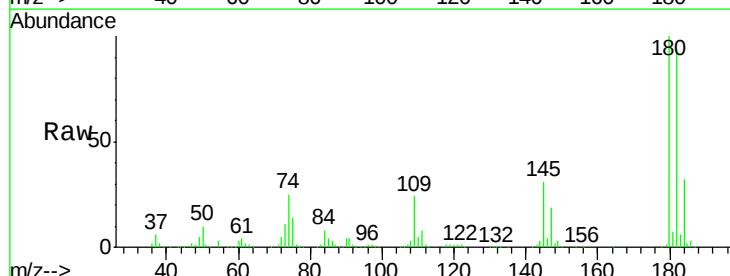
Manual Integrations
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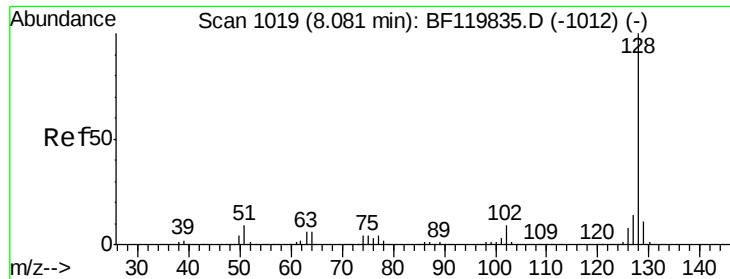
mohammad
4/24/2020 1:34:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.59 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	474581		
182	93.9	74.7	112.1	
145	30.9	24.5	36.7	





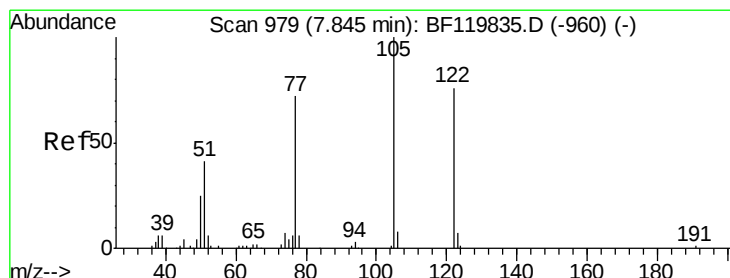
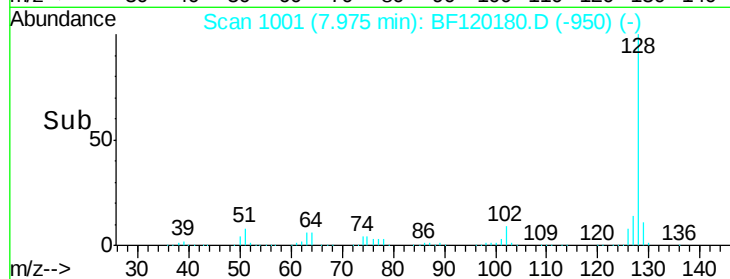
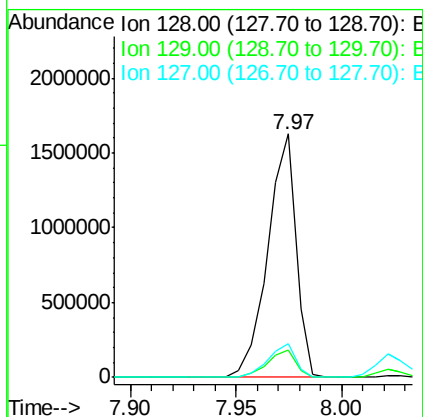
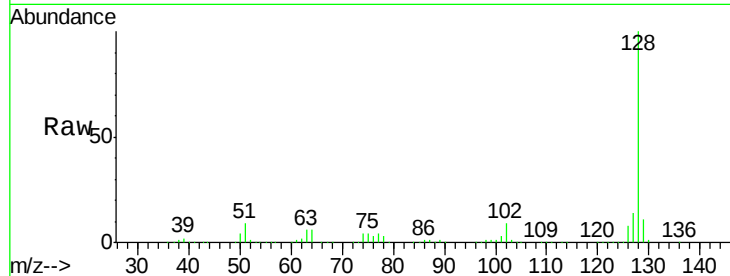
#31
Naphthalene
Concen: 51.49 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion:128 Resp: 1523737
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 11.3 16.9

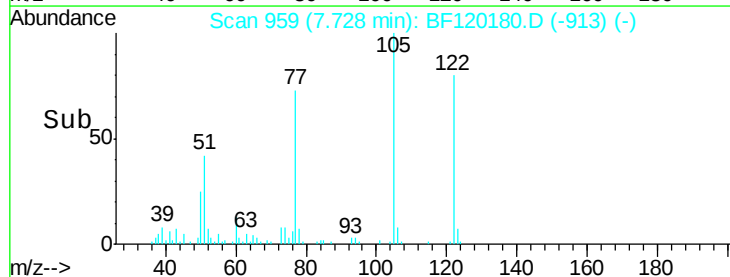
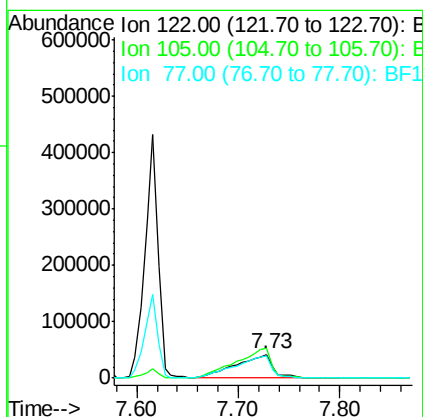
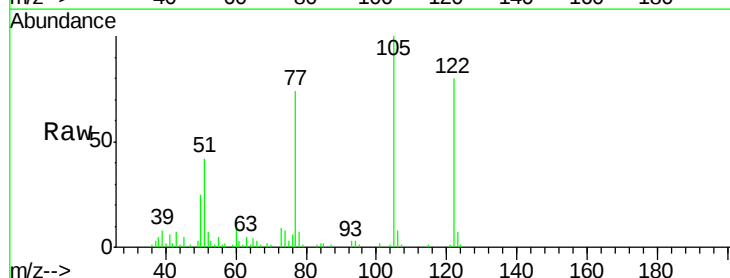
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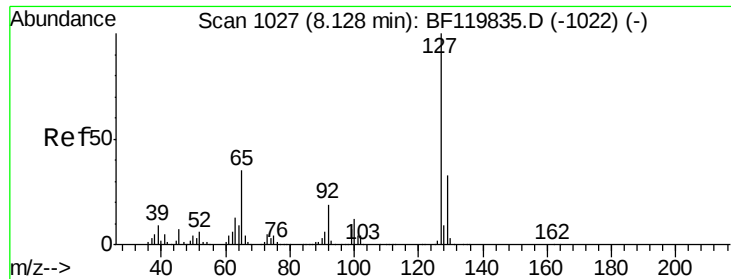
mohammad
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#32
Benzoic acid
Concen: 14.70 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion:122 Resp: 106422
Ion Ratio Lower Upper
122 100
105 125.0 104.9 144.9
77 93.1 74.4 114.4





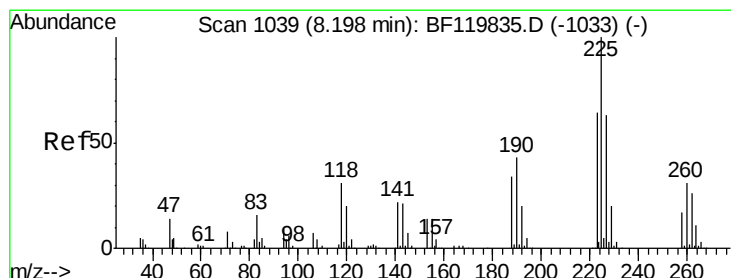
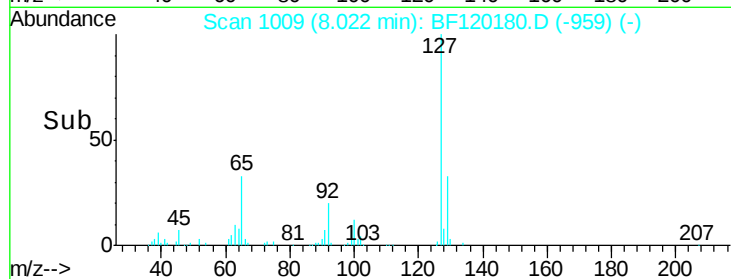
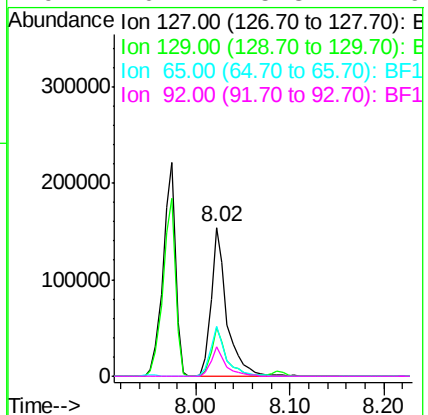
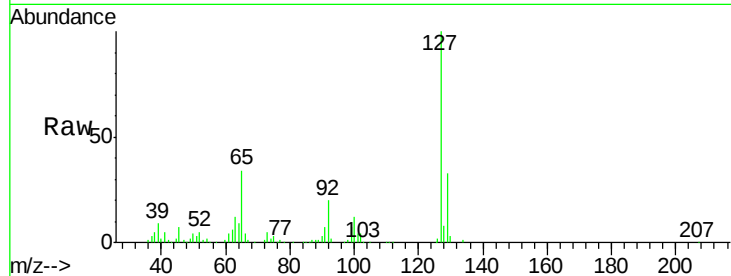
#33
4-Chloroaniline
Concen: 14.16 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	182355		
129	33.0	26.2	39.4	
65	33.8	27.4	41.0	
92	20.1	15.3	22.9	

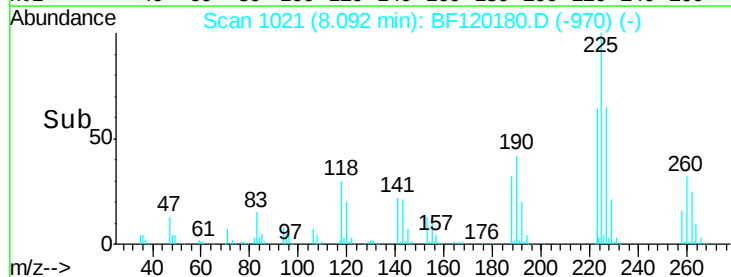
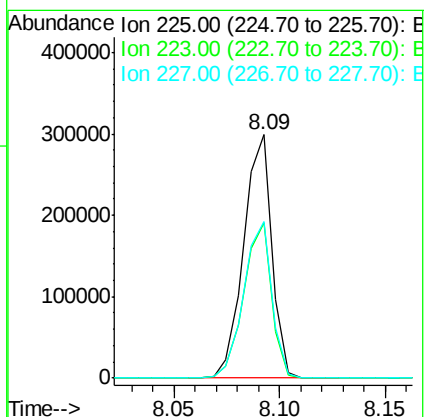
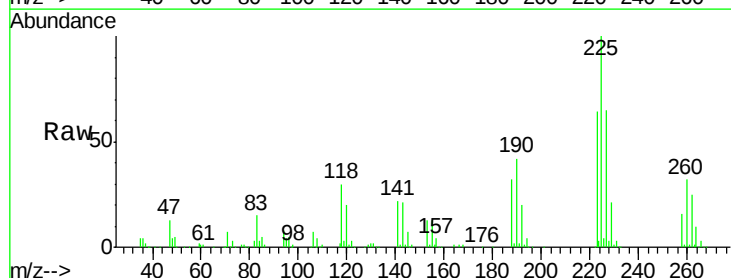
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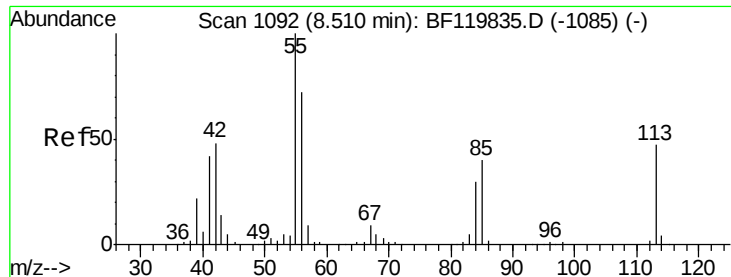
mohammad
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#34
Hexachlorobutadiene
Concen: 48.08 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	275478		
223	63.8	51.0	76.6	
227	64.5	50.7	76.1	





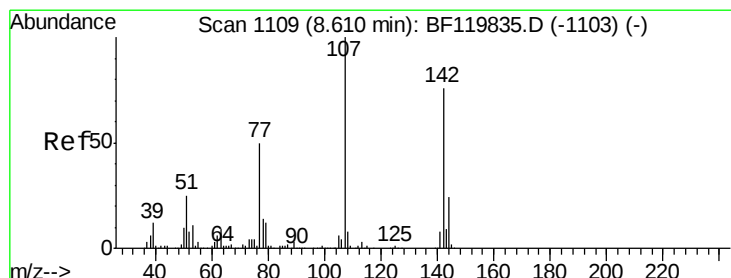
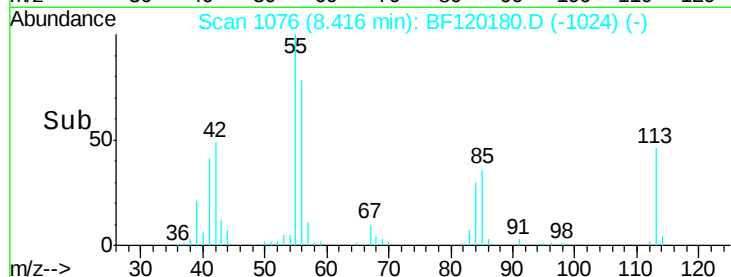
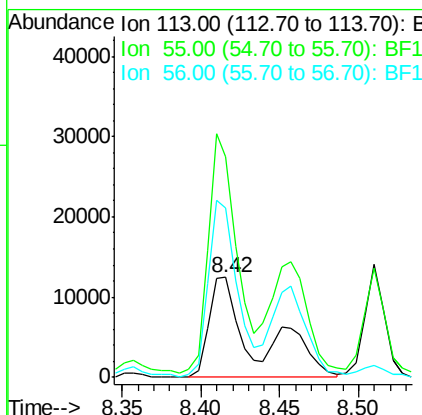
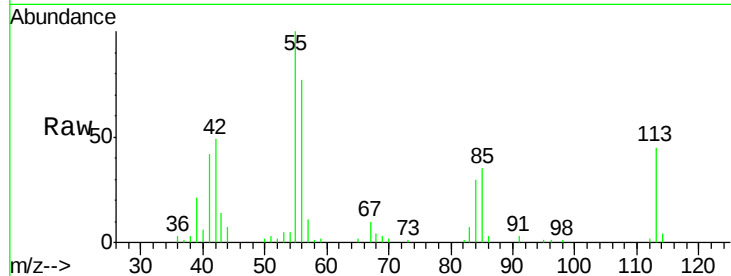
#35
 Caprolactam
 Concen: 10.10 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.9	218.4	258.4
56	170.0	148.9	188.9

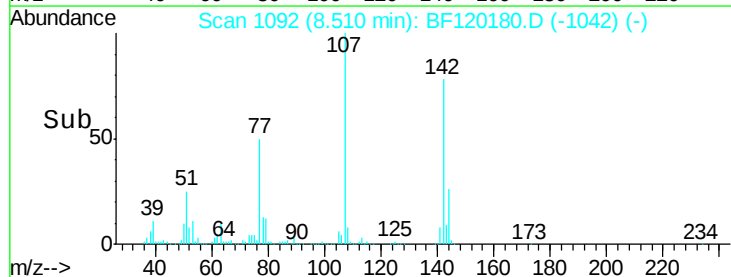
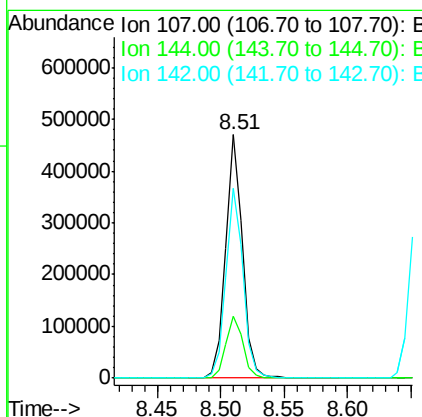
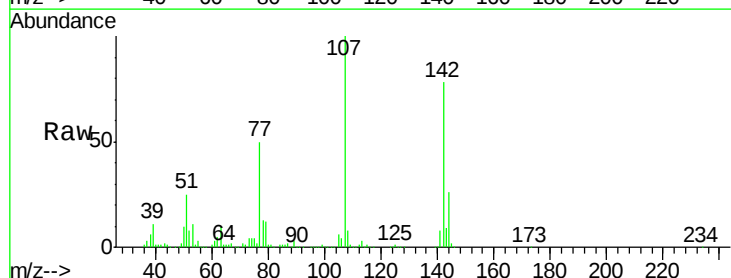
Manual Integrations
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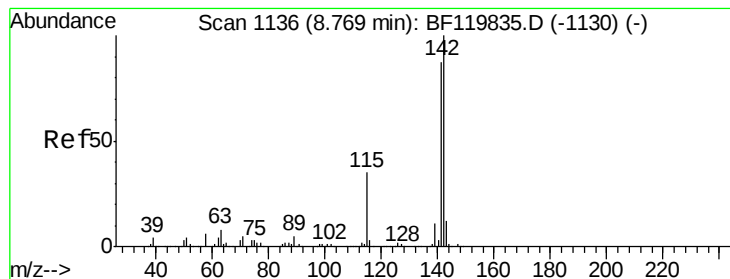
mohammad
 4/24/2020 1:34:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.16 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.0	31.6
142	77.9	64.4	96.6





#37

2-Methylnaphthalene

Concen: 52.68 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2MSD

Tgt Ion:142 Resp: 1056820

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

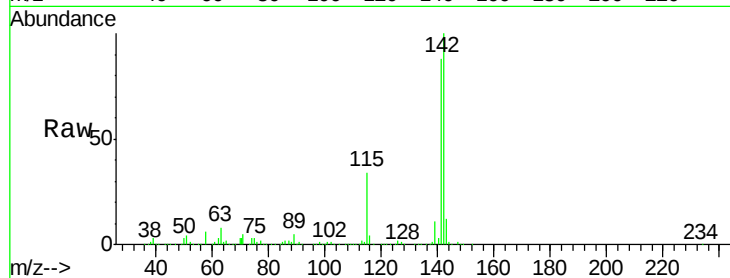
115 33.6 27.9 41.9

Manual Integrations

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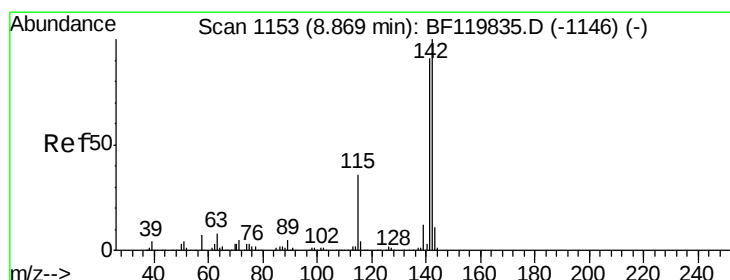
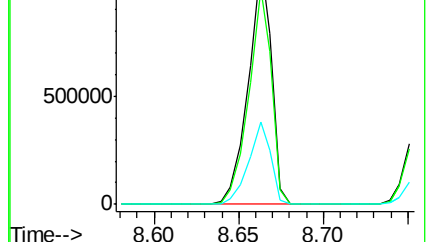
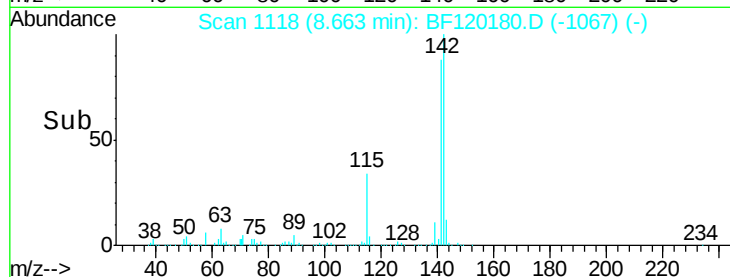
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.27 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

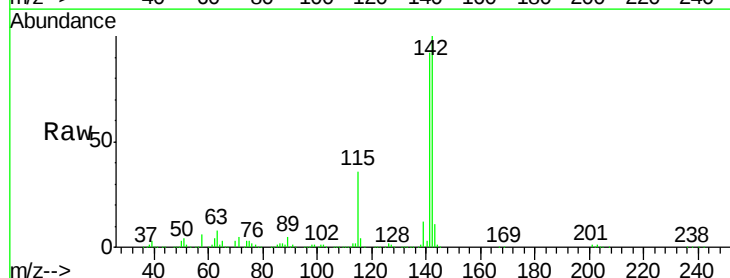
Tgt Ion:142 Resp: 988401

Ion Ratio Lower Upper

142 100

141 91.9 73.7 110.5

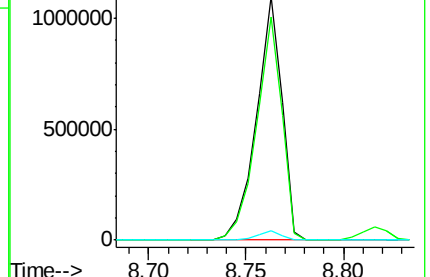
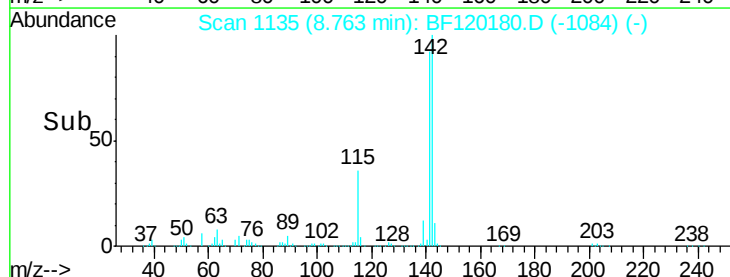
116 3.9 3.0 4.6

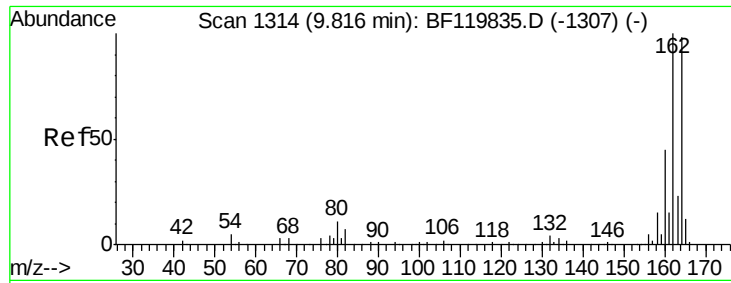


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





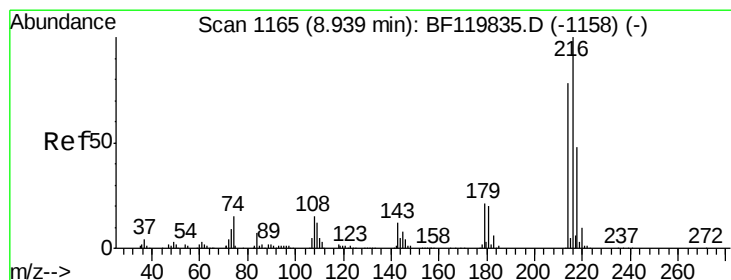
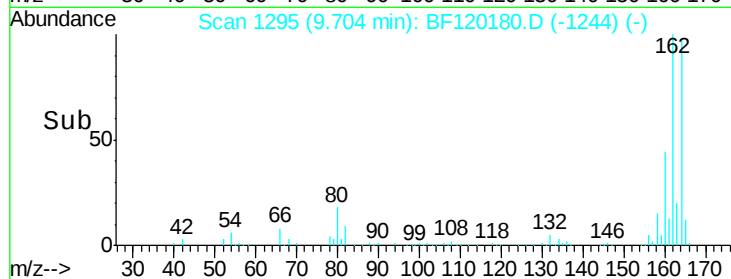
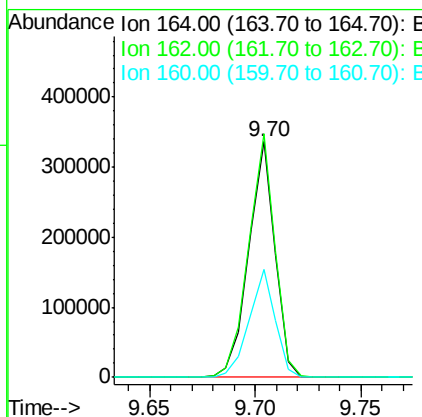
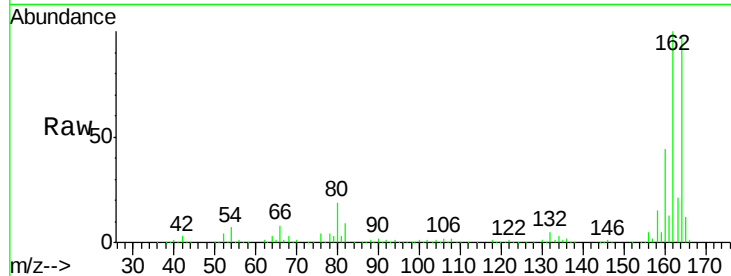
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	291751		
162	103.3	80.6	121.0	
160	45.9	35.7	53.5	

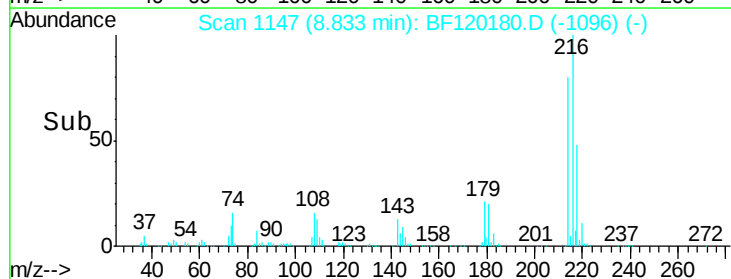
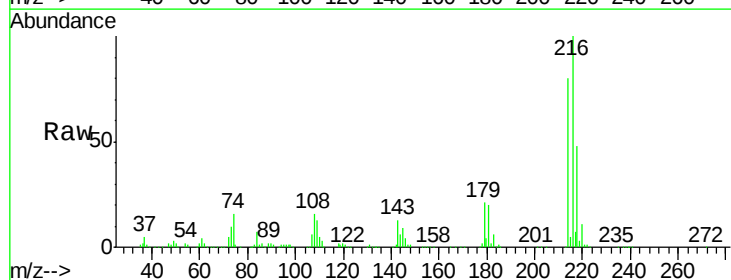
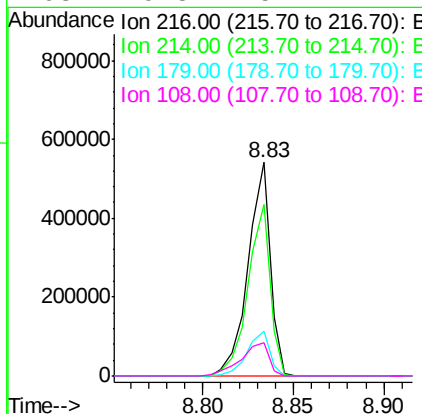
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.16 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	462258		
214	80.3	63.2	94.8	
179	21.6	17.1	25.7	
108	19.8	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 83.37 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

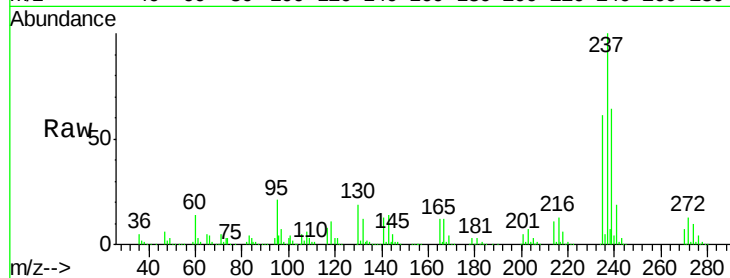
ClientSampleId :

PA-TWP-2MSD

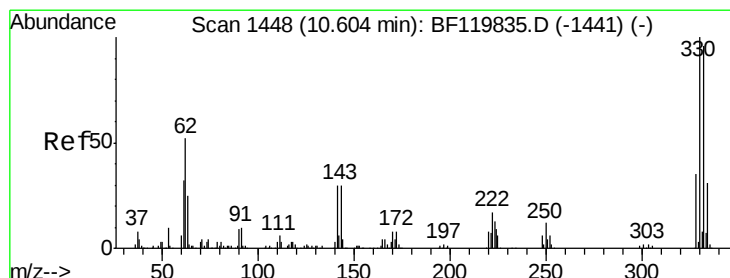
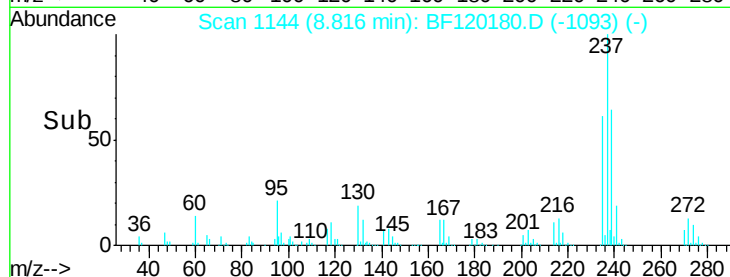
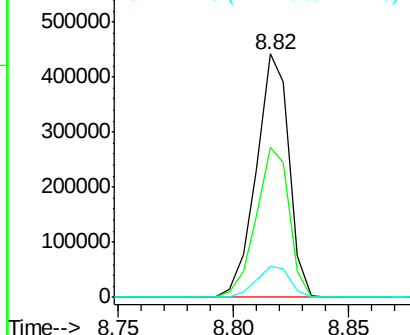
Tgt Ion:	237	Resp:	436839
Ion Ratio	Lower	Upper	
237	100		
235	61.4	43.2	83.2
272	12.8	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 129.92 ng

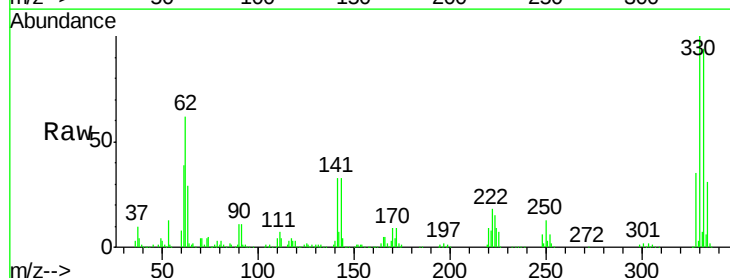
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

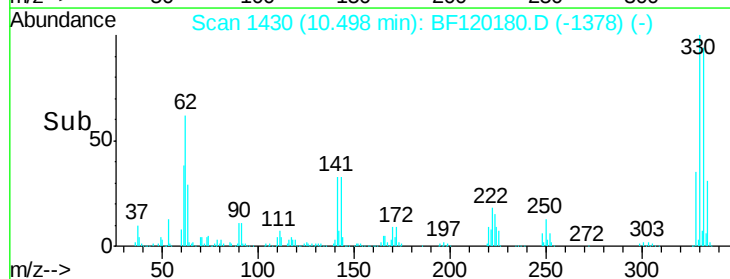
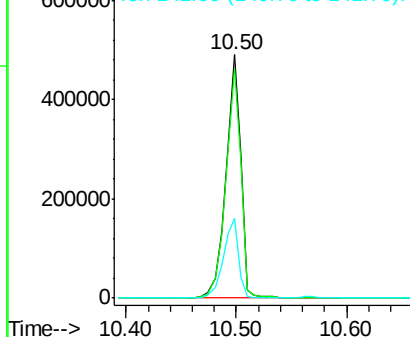
Lab File: BF120180.D

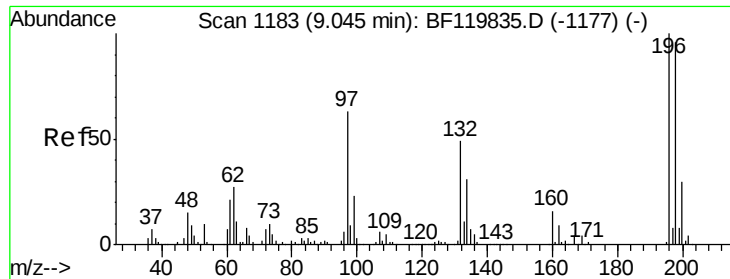
Acq: 23 Apr 2020 22:48

Tgt Ion:	330	Resp:	464091
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	33.4	25.4	38.0



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





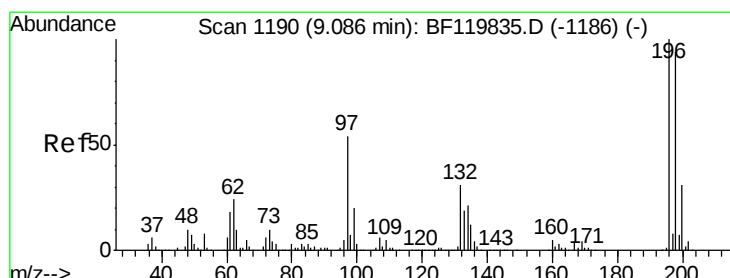
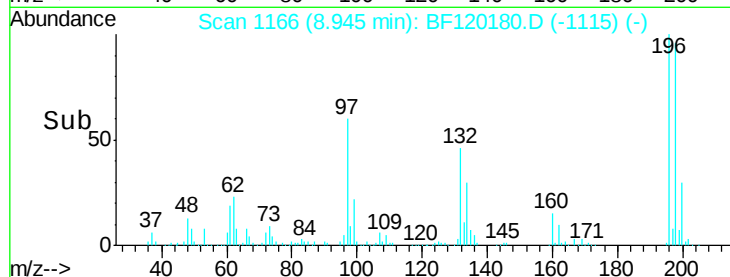
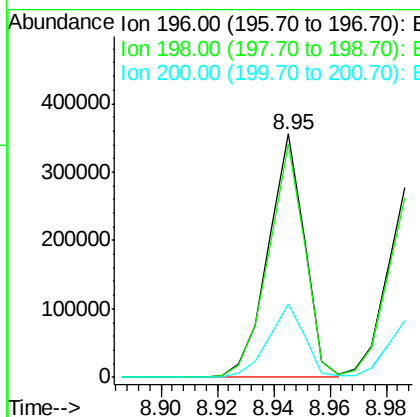
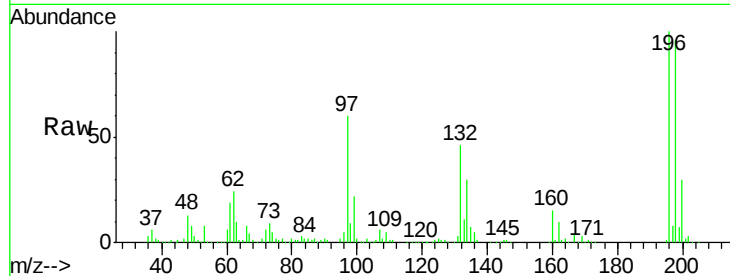
#43
 2,4,6-Trichlorophenol
 Concen: 49.77 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316681		
198	96.1	76.6	115.0	
200	30.0	24.6	36.8	

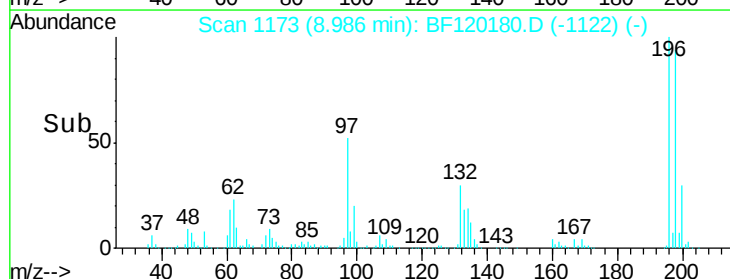
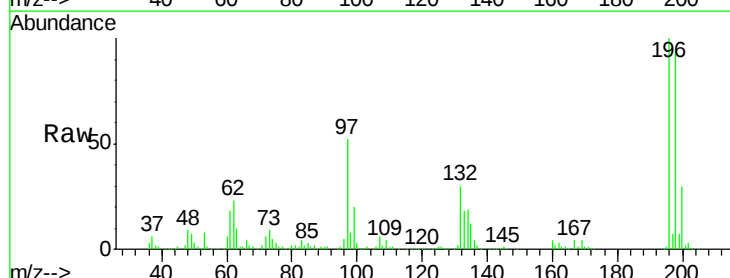
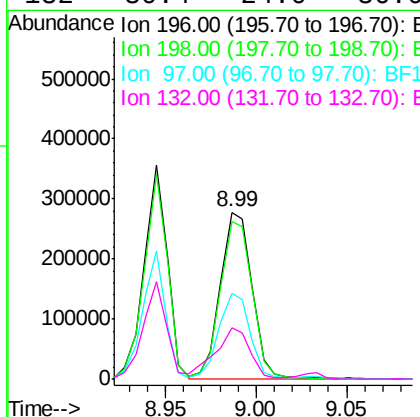
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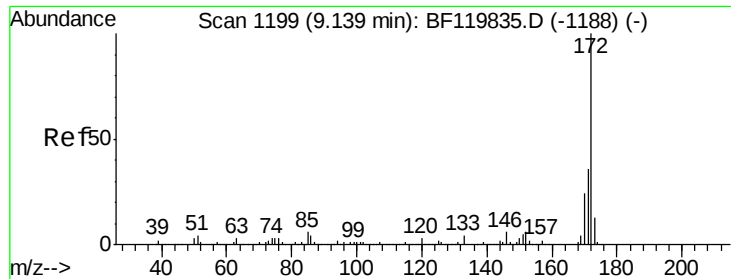
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.96 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336540		
198	94.4	73.8	110.8	
97	51.8	42.6	63.8	
132	30.4	24.0	36.0	





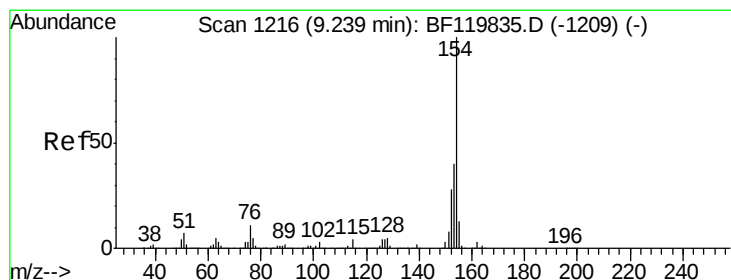
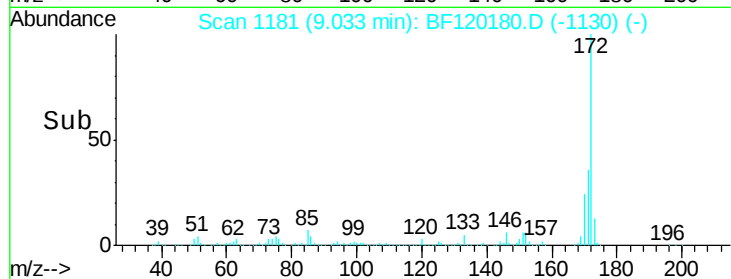
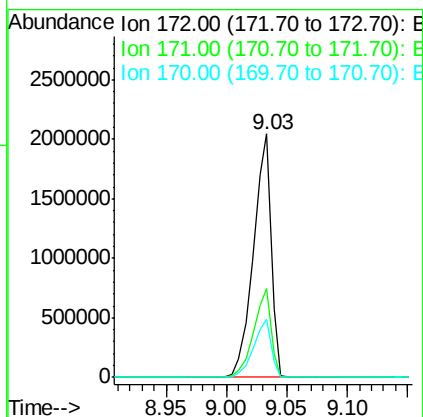
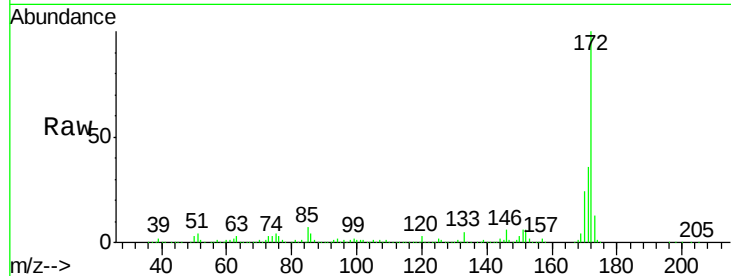
#45
 2-Fluorobiphenyl
 Concen: 102.15 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	20.2	30.2

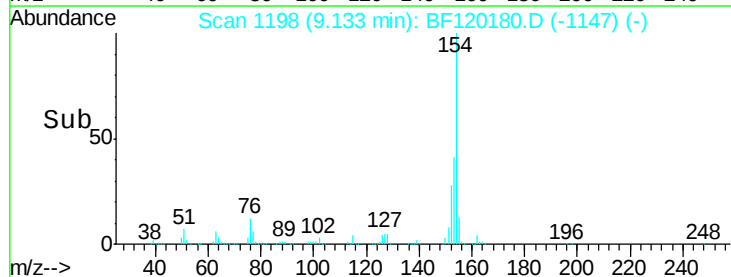
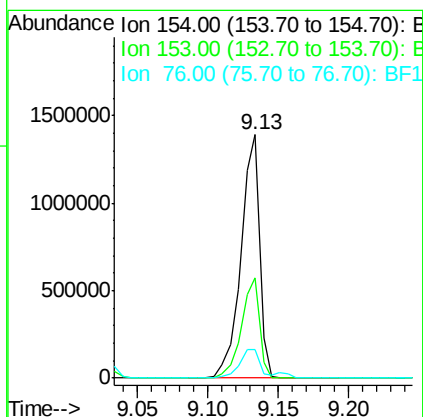
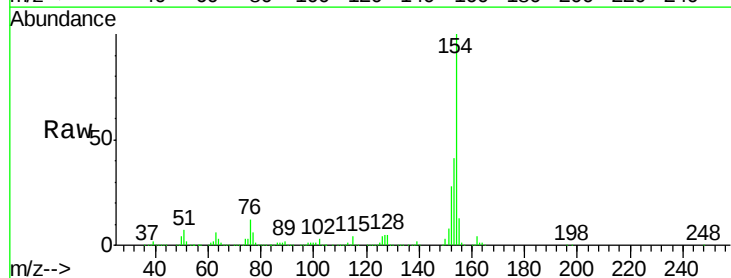
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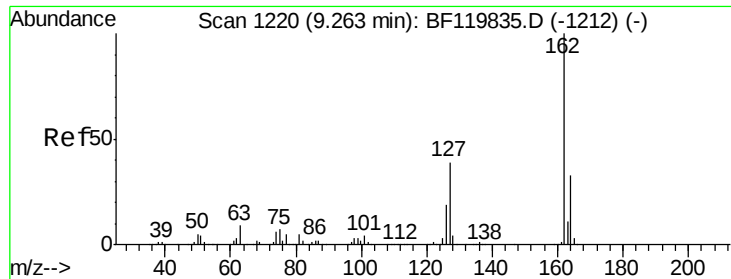
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#46
 1,1'-Biphenyl
 Concen: 51.58 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	11.8	0.0	33.0





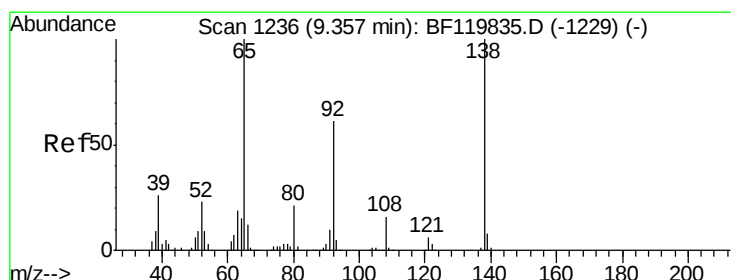
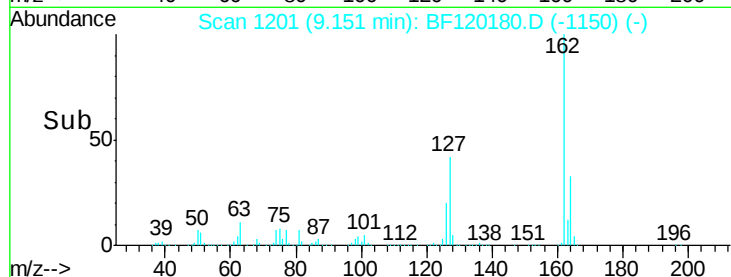
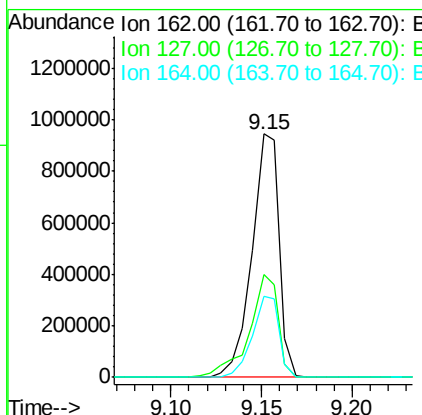
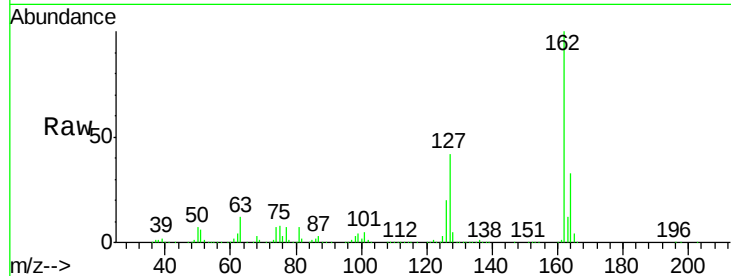
#47
 2-Chloronaphthalene
 Concen: 51.93 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	985028		
127	42.3	33.7	50.5	
164	33.2	26.3	39.5	

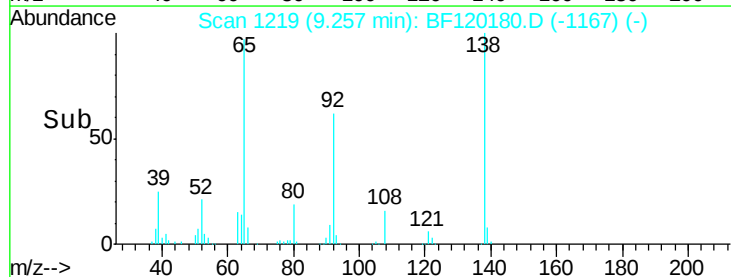
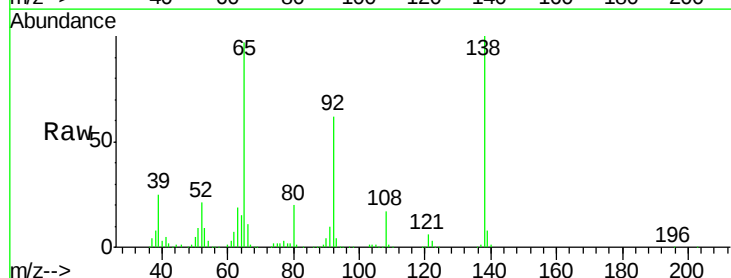
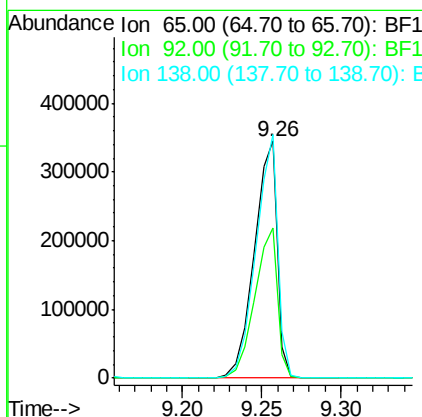
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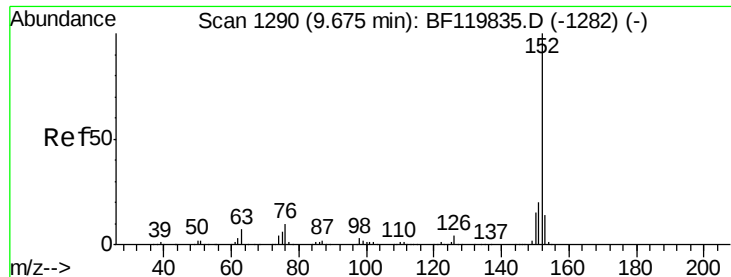
mohammad
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#48
 2-Nitroaniline
 Concen: 50.47 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	346946		
92	63.6	50.0	75.0	
138	102.7	75.0	112.4	





#49

Acenaphthylene

Concen: 51.48 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2MSD

Tgt Ion:152 Resp: 1485179

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

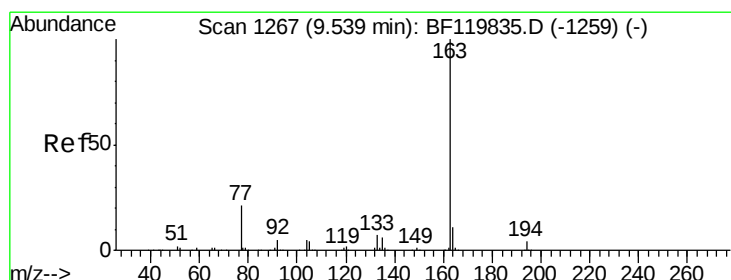
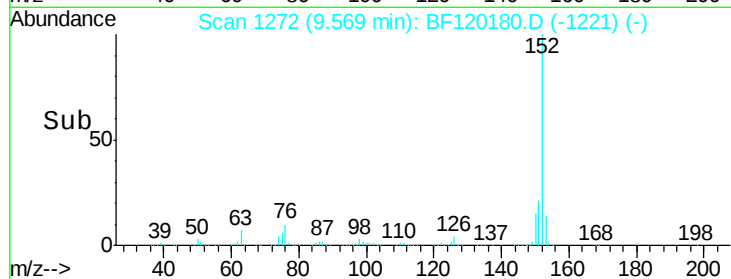
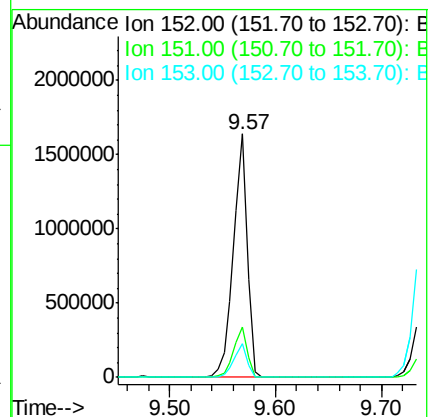
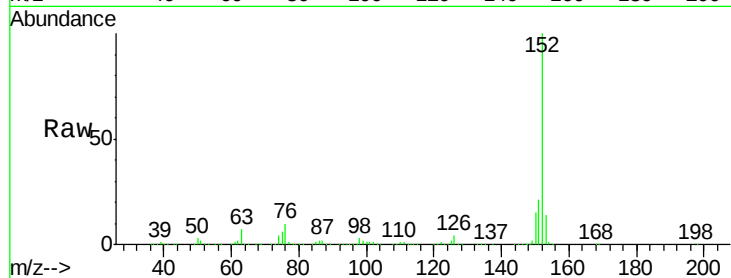
153 13.7 11.2 16.8

Manual Integrations

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#50

Dimethylphthalate

Concen: 51.66 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

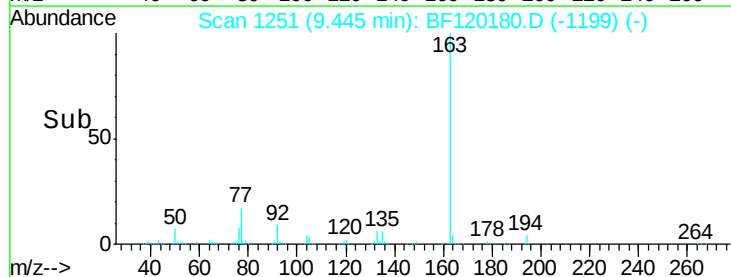
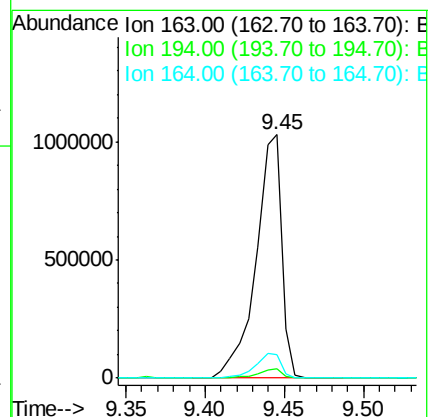
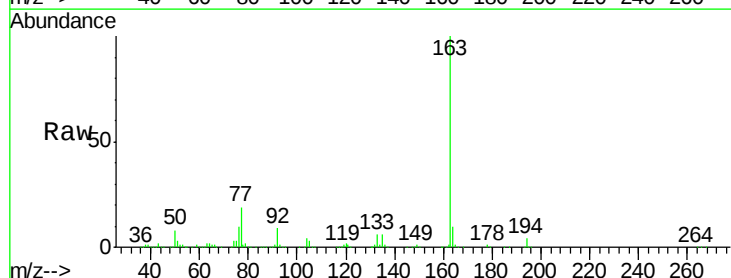
Tgt Ion:163 Resp: 1165742

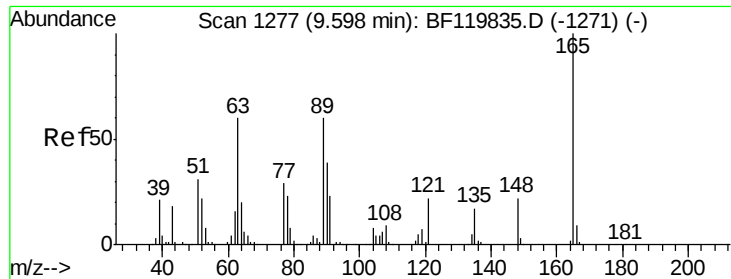
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 8.2 12.2





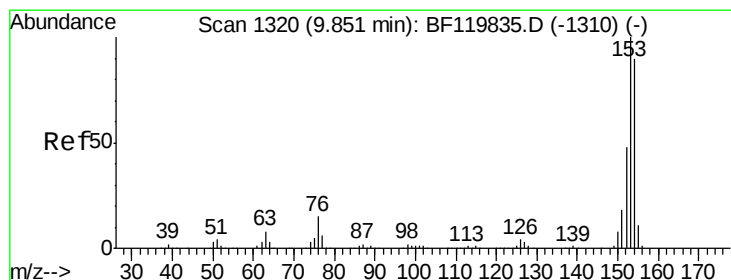
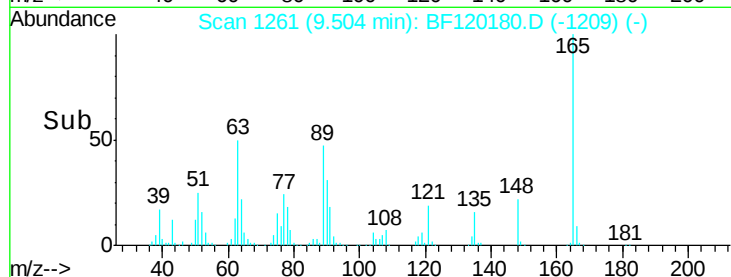
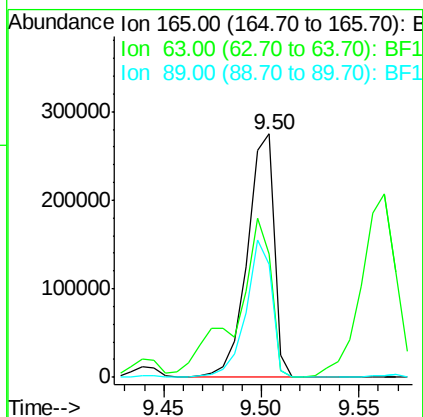
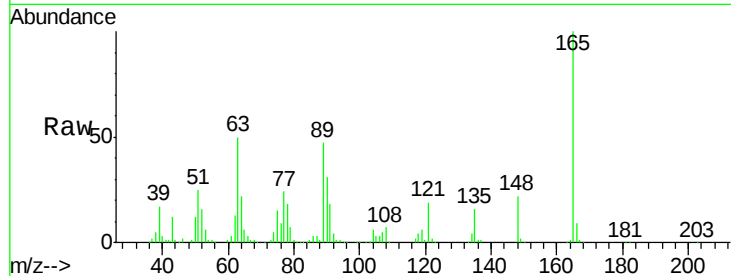
#51
 2,6-Dinitrotoluene
 Concen: 53.04 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.5	45.0	67.4
89	46.6	41.5	62.3

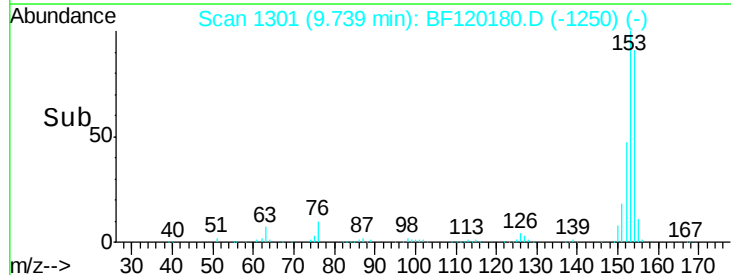
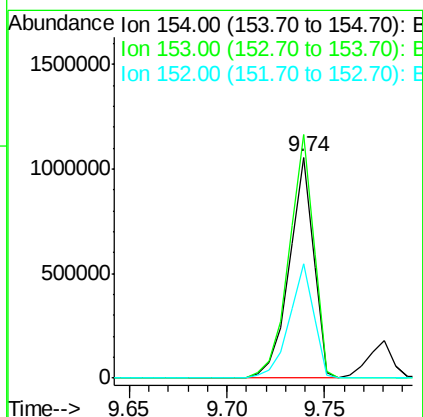
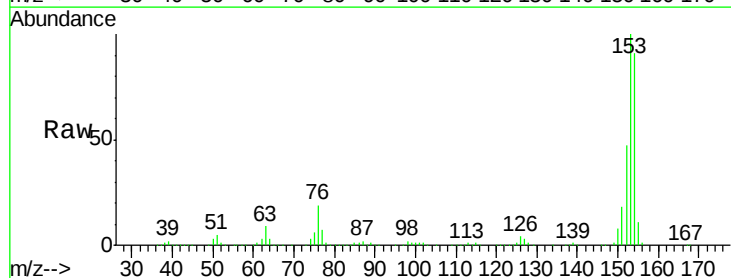
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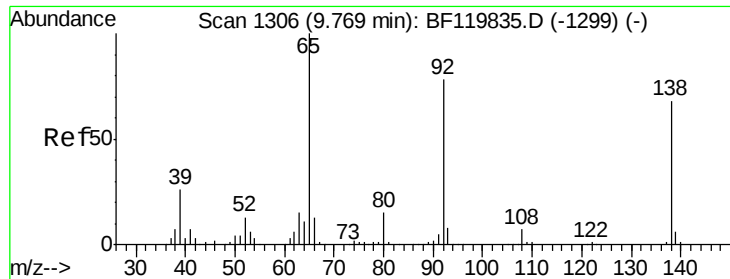
mohammad
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#52
 Acenaphthene
 Concen: 47.67 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	110.4	88.1	132.1
152	52.1	43.0	64.4





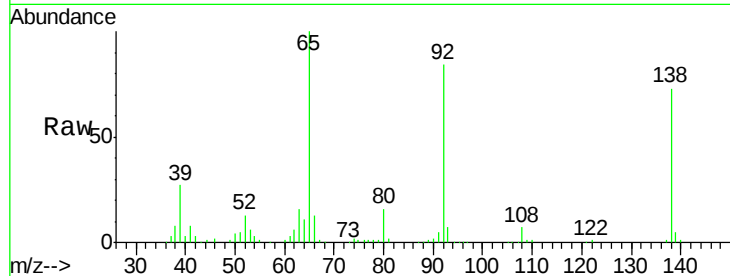
#53
 3-Nitroaniline
 Concen: 17.84 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

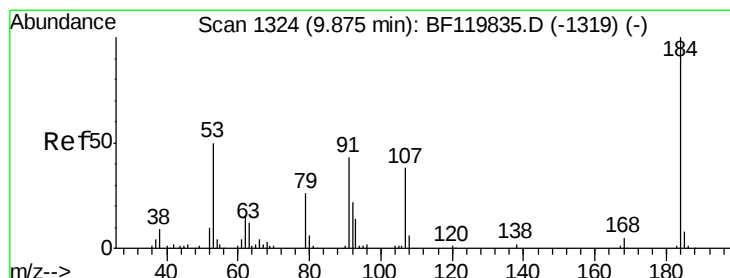
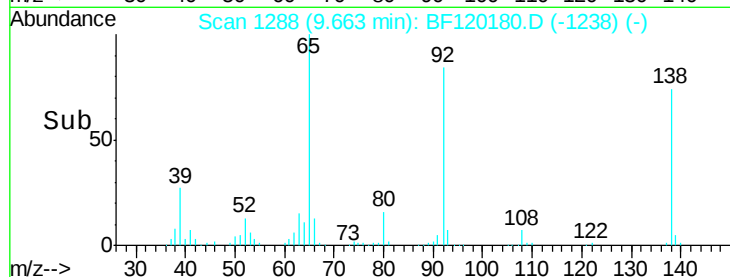
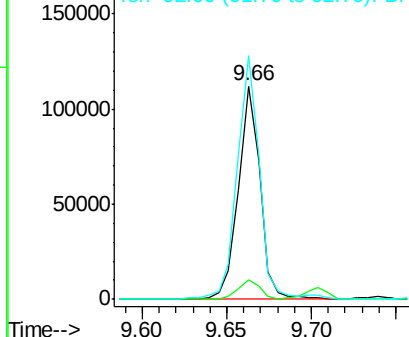
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.6	13.0
92	114.1	95.4	143.0

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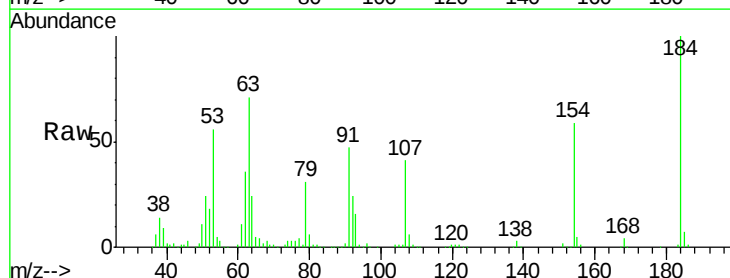


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

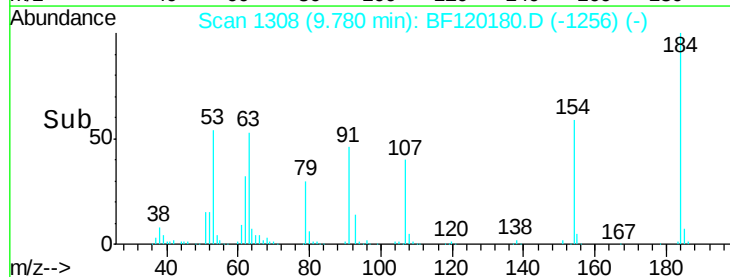
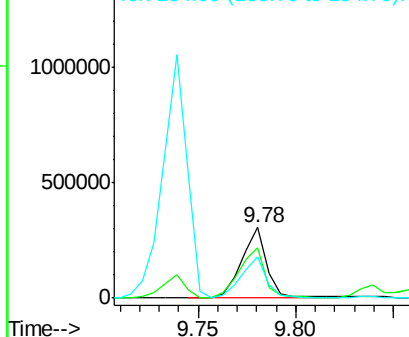


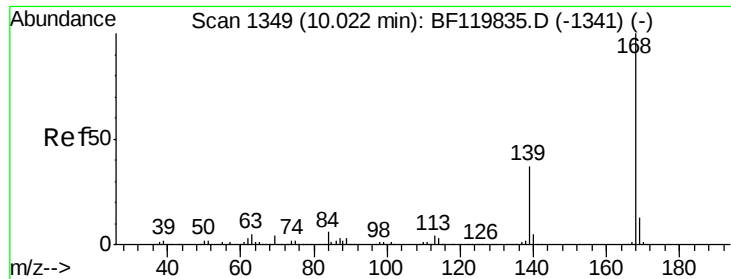
#54
 2,4-Dinitrophenol
 Concen: 93.34 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.3	50.2	75.4
154	59.1	44.5	66.7



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





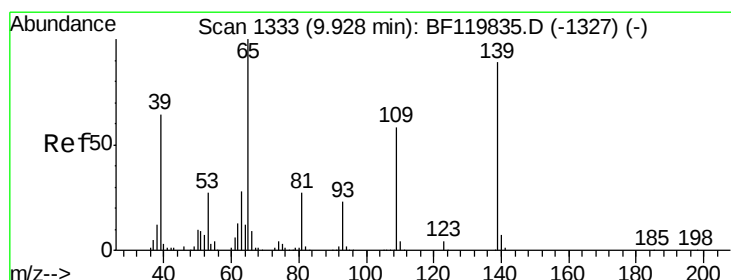
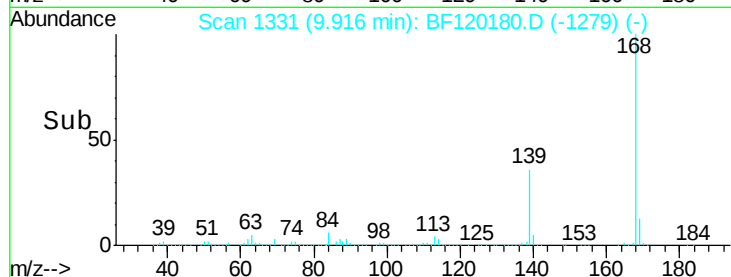
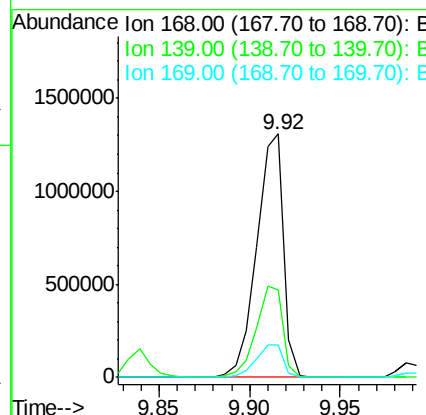
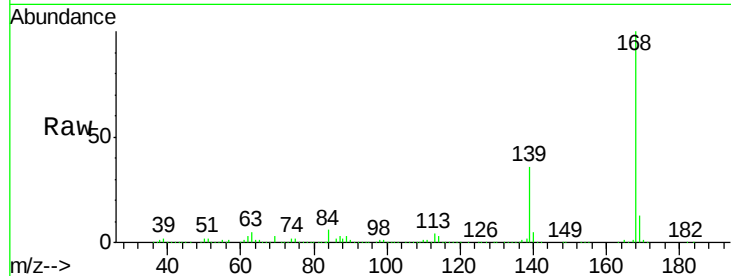
#55
Dibenzofuran
Concen: 50.70 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.1	45.1
169	13.3	11.0	16.6

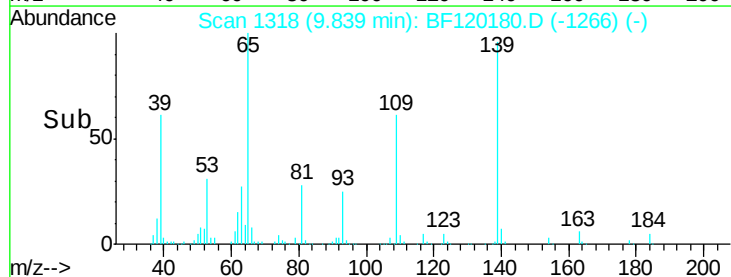
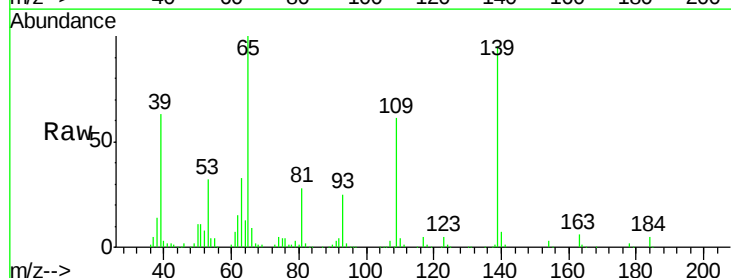
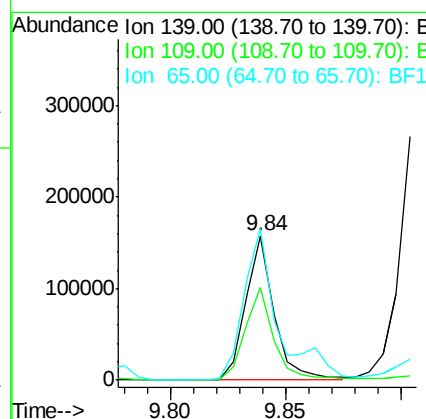
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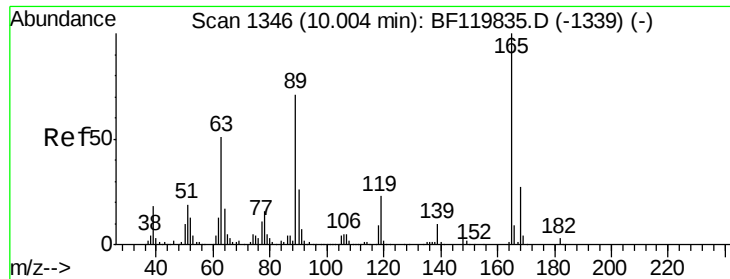
mohammad
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#56
4-Nitrophenol
Concen: 32.40 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	43.3	83.3
65	105.2	91.0	131.0





#57

2,4-Dinitrotoluene

Concen: 49.79 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

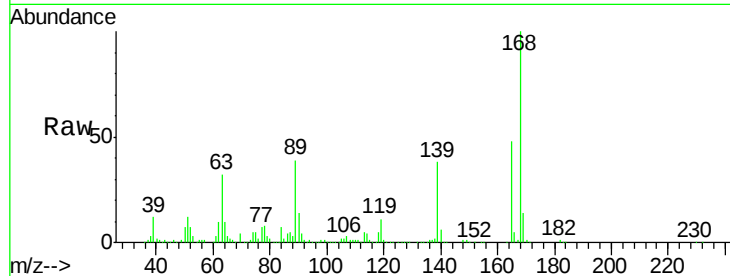
ClientSampleId :

PA-TWP-2MSD

Tgt Ion:	165	Resp:	324181
Ion Ratio	Lower	Upper	
165	100		
63	66.9	42.6	64.0#
89	82.0	61.0	91.4
182	2.5	2.2	3.2

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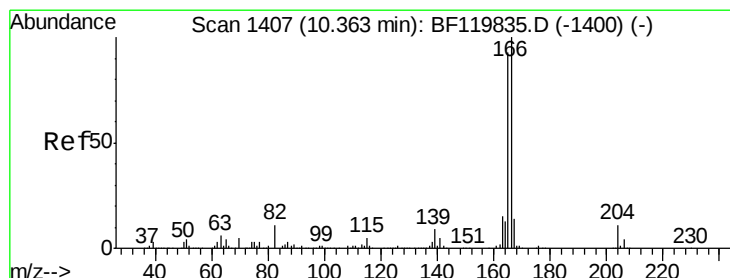
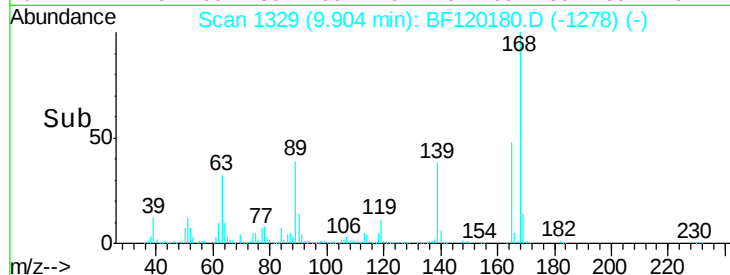
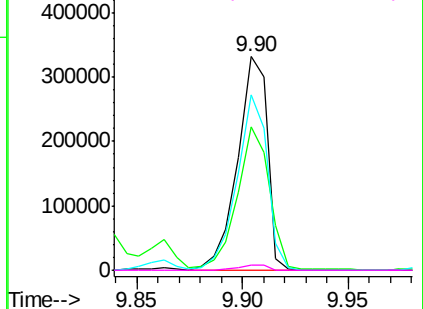


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.84 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF120180.D

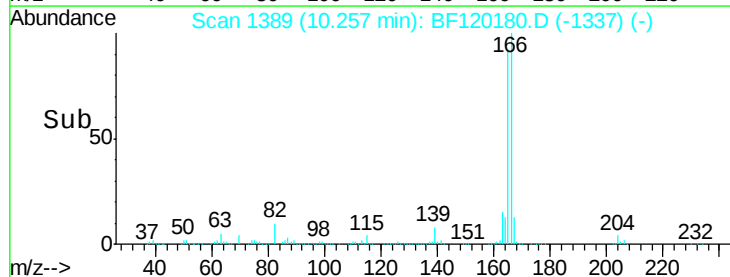
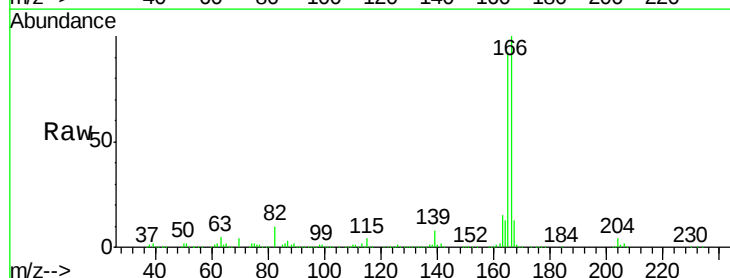
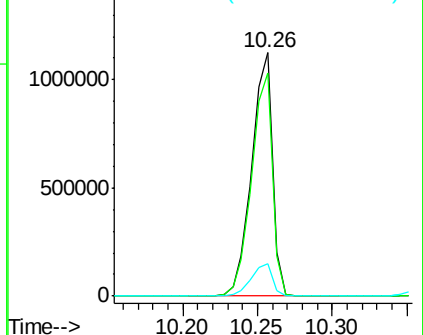
Acq: 23 Apr 2020 22:48

Tgt Ion:	166	Resp:	1073844
Ion Ratio	Lower	Upper	
166	100		
165	91.7	75.4	113.2
167	13.5	11.2	16.8

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





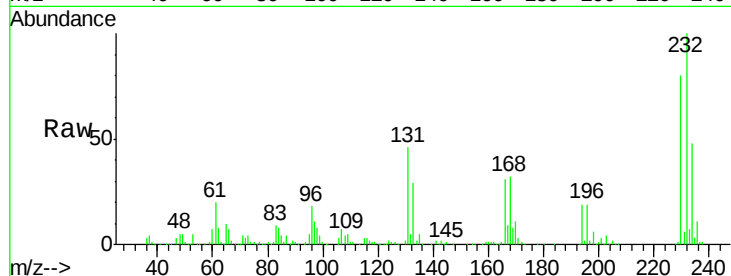
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.24 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

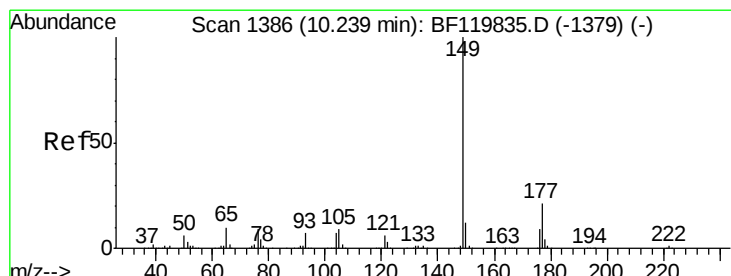
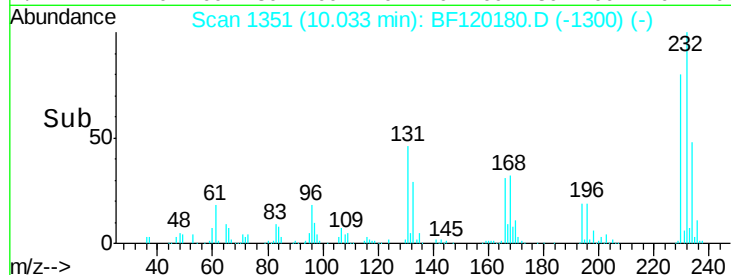
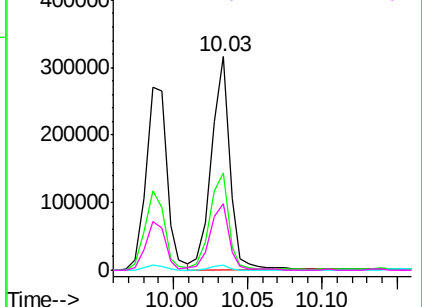
Tgt Ion:	232	Resp:	269918
Ion Ratio	Lower	Upper	
232	100		
131	47.3	37.5	56.3
130	2.5	1.8	2.6
166	32.8	24.6	36.8

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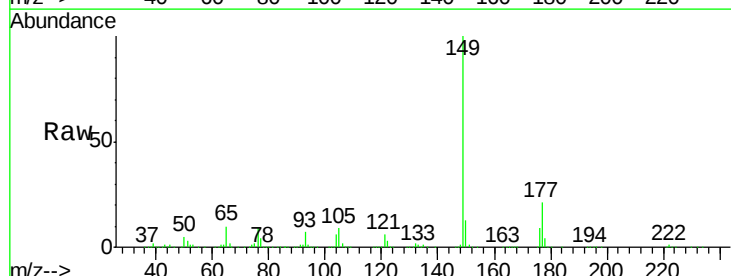


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

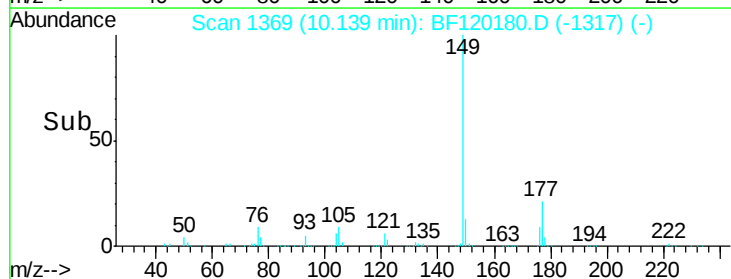
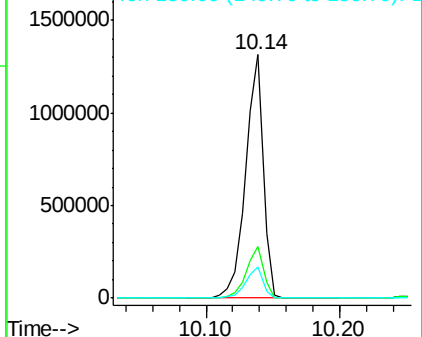


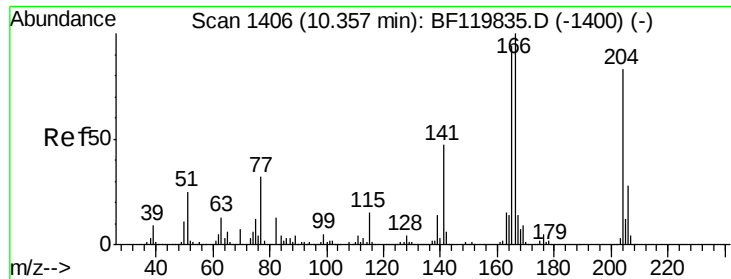
#60
 Diethylphthalate
 Concen: 50.77 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion:	149	Resp:	1187519
Ion Ratio	Lower	Upper	
149	100		
177	21.3	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





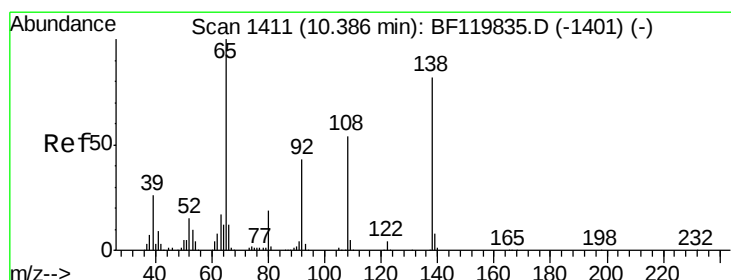
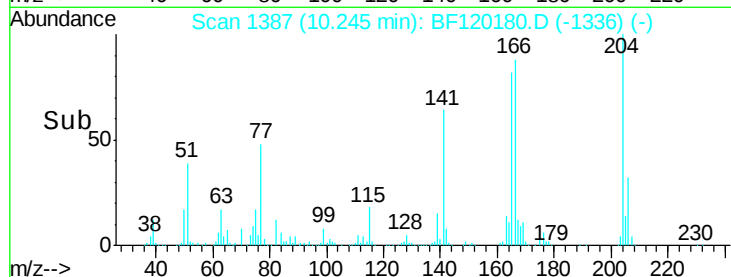
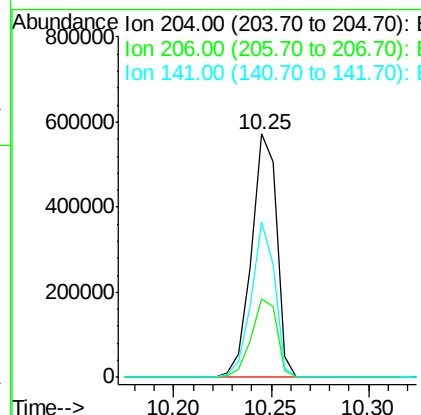
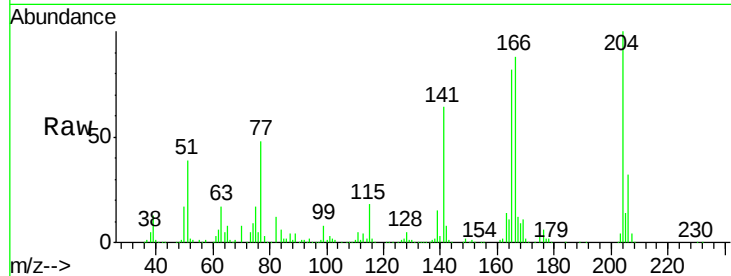
#61
 4-Chlorophenyl-phenylether
 Concen: 47.40 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion:	204	Resp:	513112
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.7	40.1
141	63.6	47.3	70.9

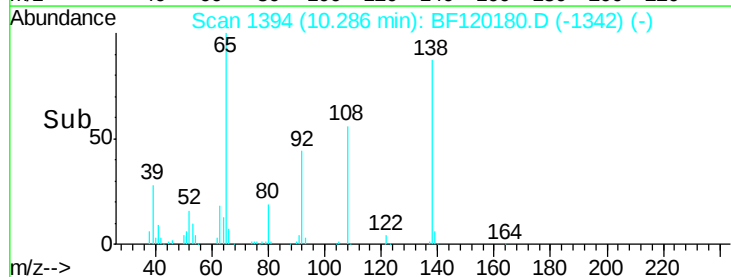
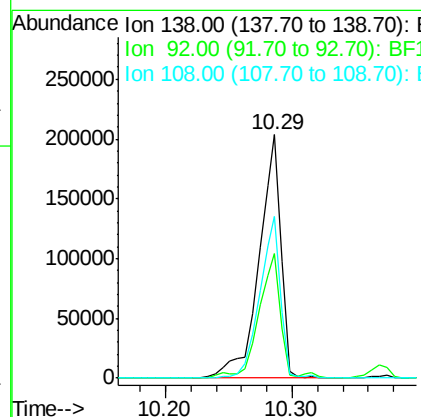
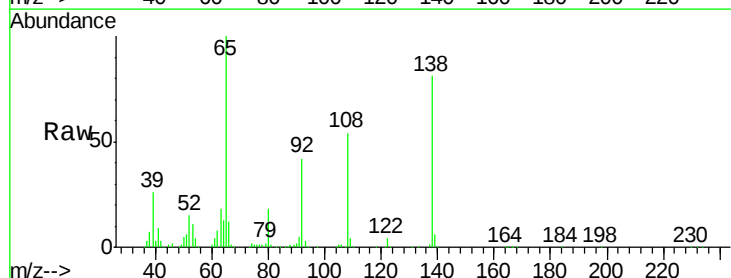
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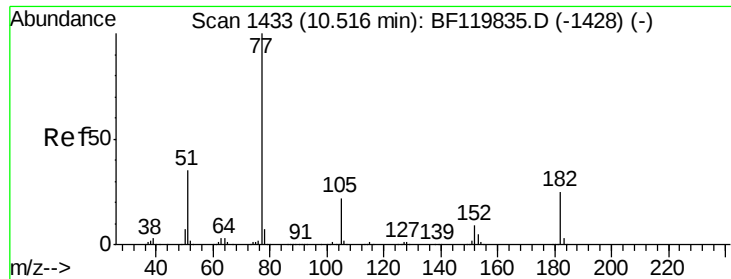
mohammad
 4/24/2020 1:34:37 PM



#62
 4-Nitroaniline
 Concen: 45.71 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion:	138	Resp:	245876
Ion Ratio	Lower	Upper	
138	100		
92	51.0	31.5	71.5
108	66.5	45.8	85.8





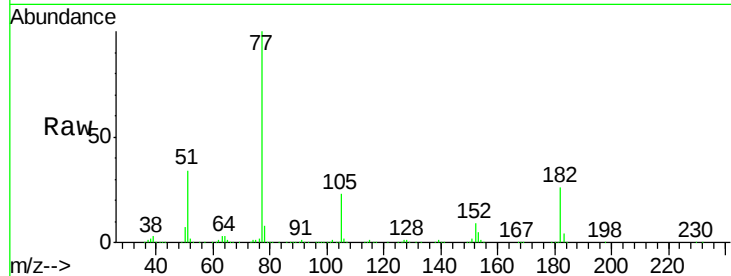
#63
Azobenzene
Concen: 52.84 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

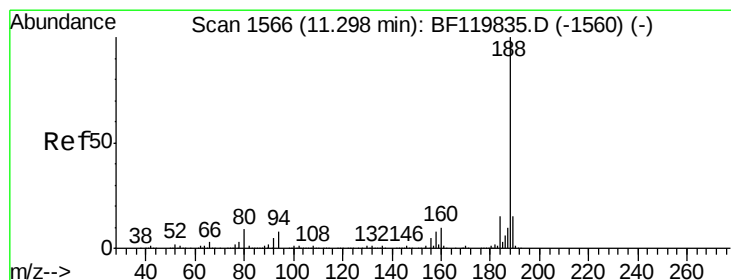
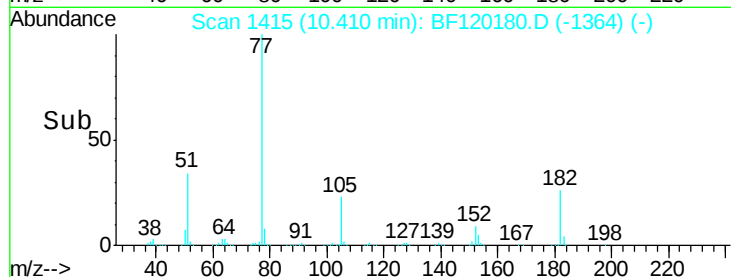
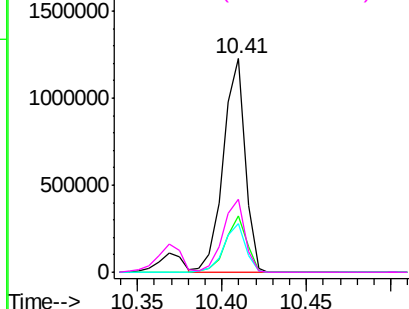
Tgt Ion: 77 Resp: 1107609
Ion Ratio Lower Upper
77 100
182 26.3 4.4 44.4
105 22.7 2.6 42.6
51 34.3 15.1 55.1

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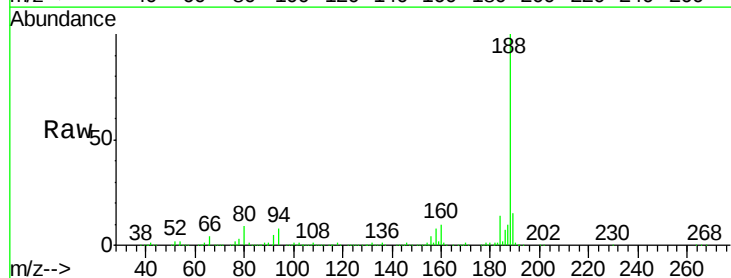


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

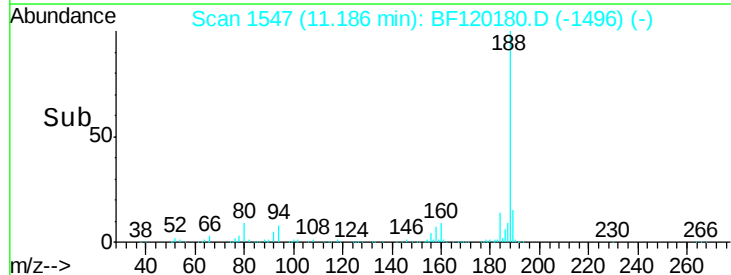
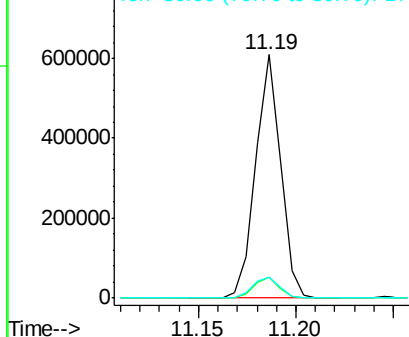


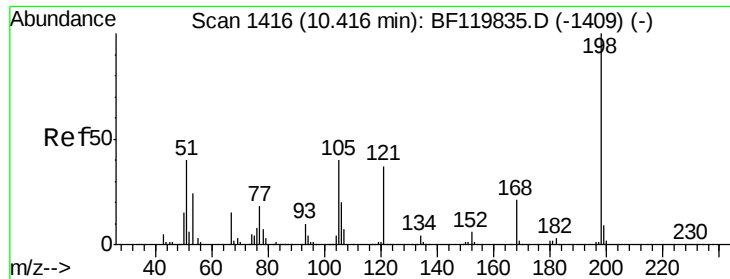
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion: 188 Resp: 543489
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.7 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





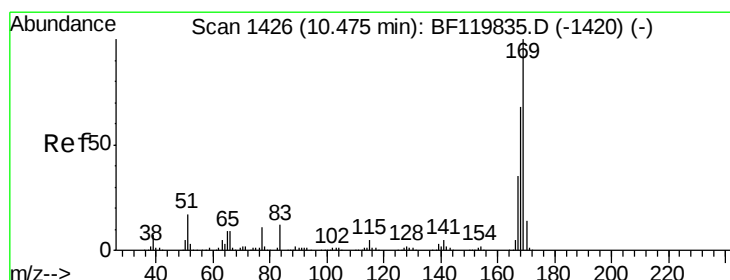
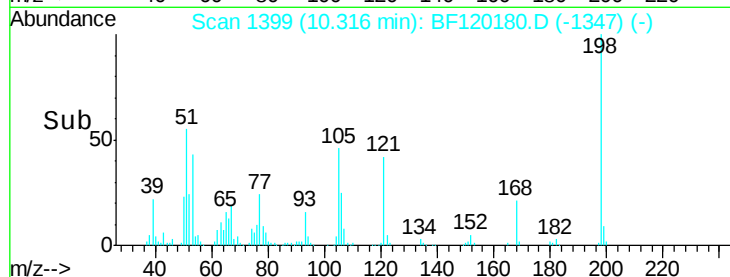
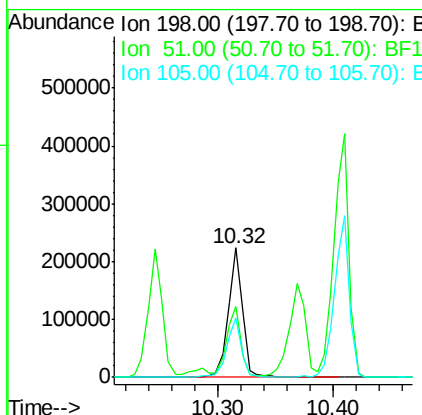
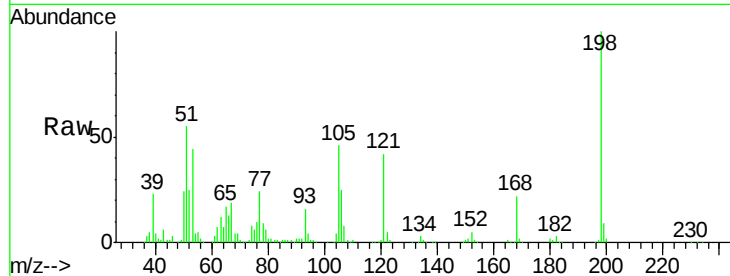
#65
4,6-Dinitro-2-methylphenol
Concen: 53.22 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	190548		
51	55.3	29.0	69.0	
105	46.0	22.2	62.2	

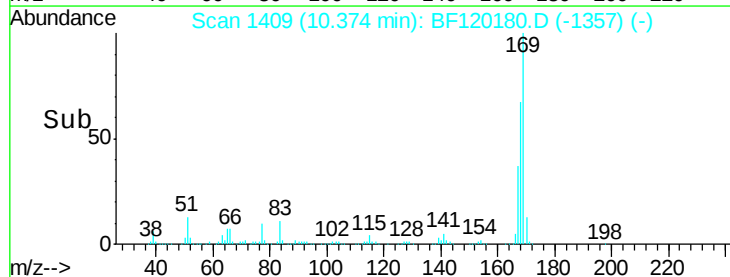
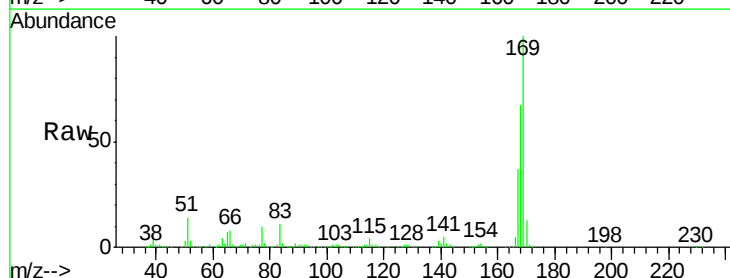
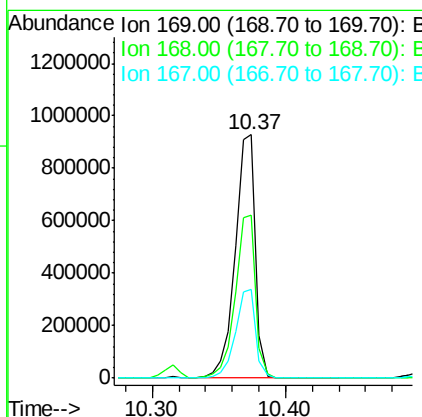
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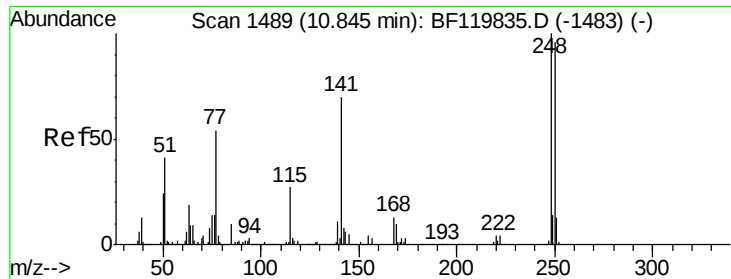
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 54.33 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	981922		
168	67.0	53.2	79.8	
167	36.7	29.1	43.7	





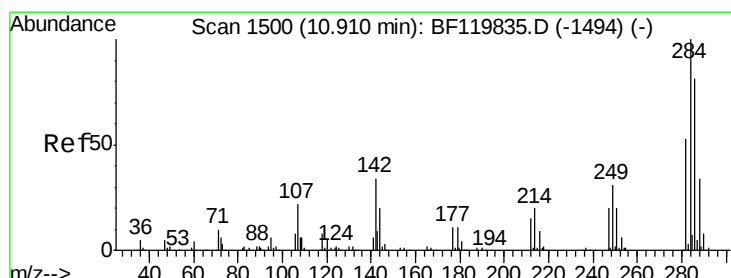
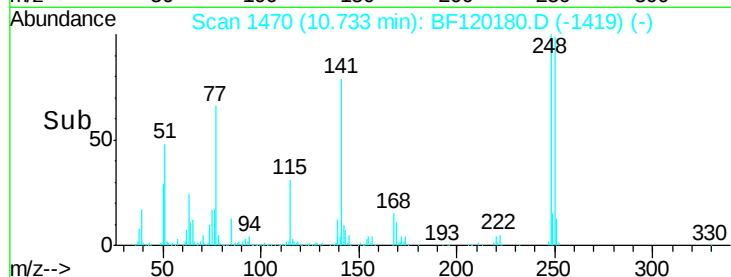
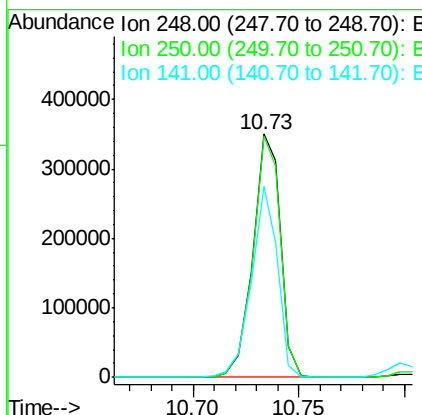
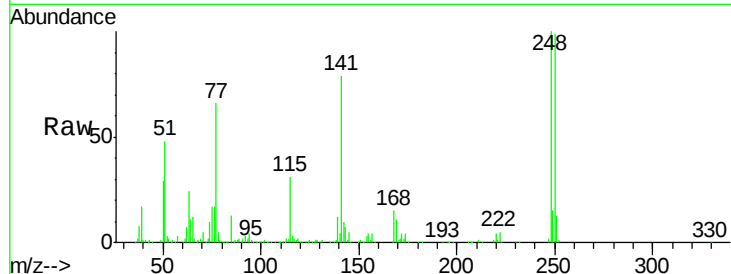
#67
 4-Bromophenyl-phenylether
 Concen: 46.90 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	316987		
250	98.8	77.3	115.9	
141	78.6	58.6	87.8	

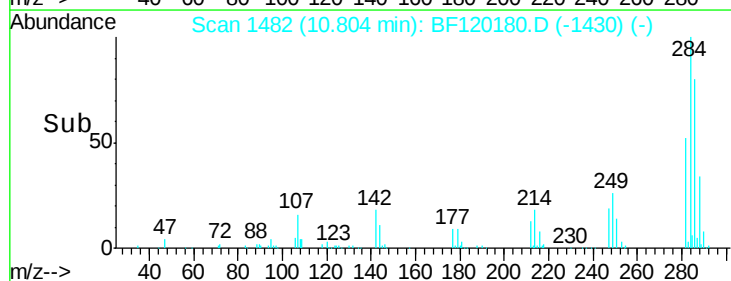
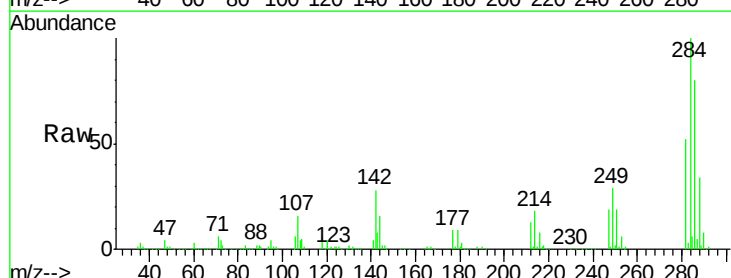
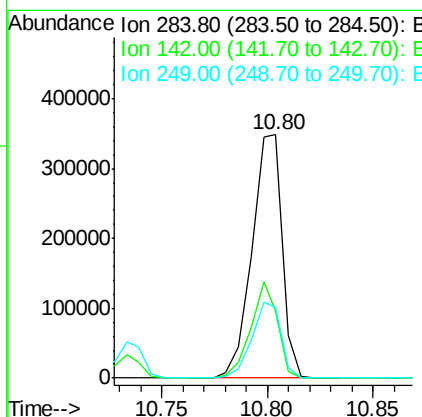
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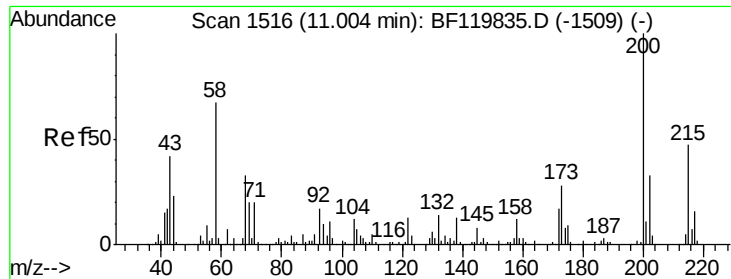
mohammad
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#68
 Hexachlorobenzene
 Concen: 50.70 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	347654		
142	27.7	29.2	43.8#	
249	29.2	25.1	37.7	





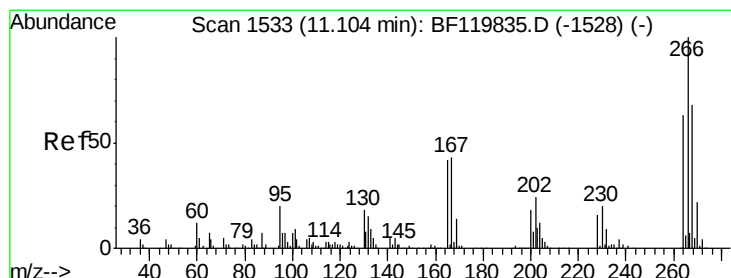
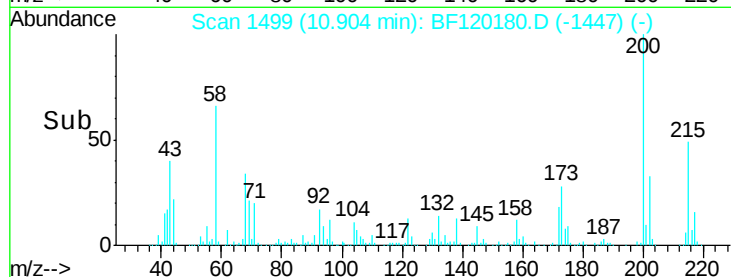
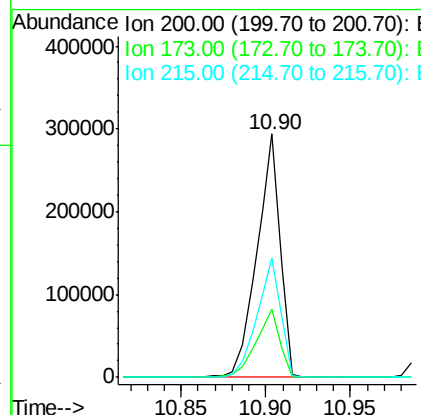
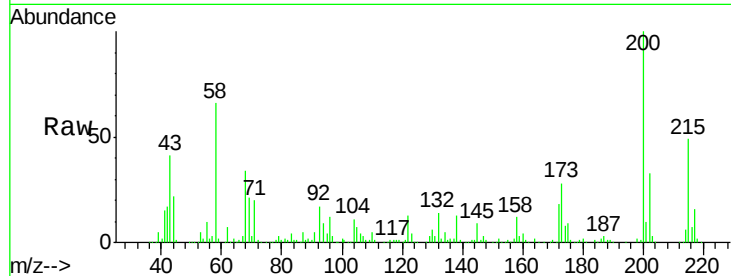
#69
 Atrazine
 Concen: 56.19 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	282572		
173	28.2	9.3	49.3	
215	48.9	29.5	69.5	

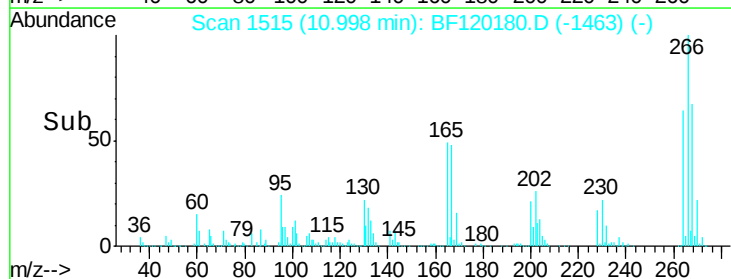
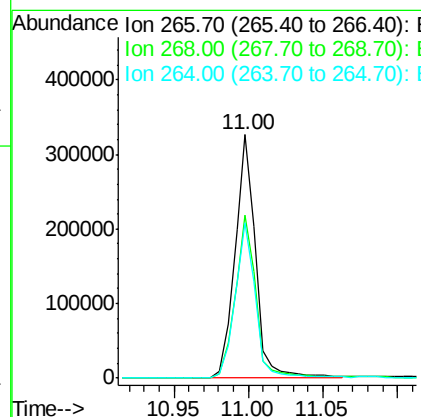
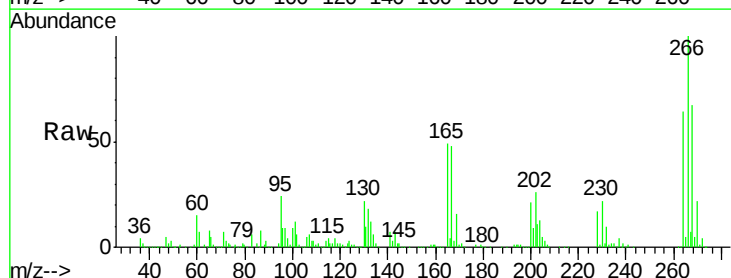
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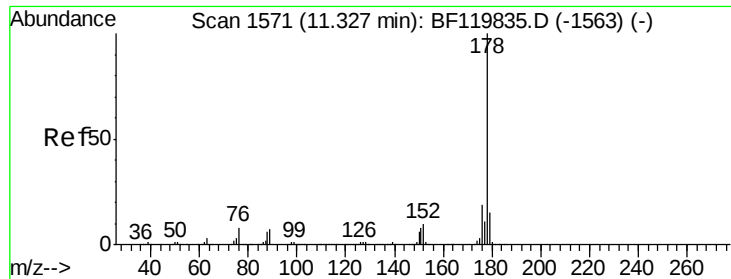
mohammad
 4/24/2020 1:34:37 PM



#70
 Pentachlorophenol
 Concen: 80.70 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	318877		
268	67.1	53.3	79.9	
264	63.6	49.0	73.4	





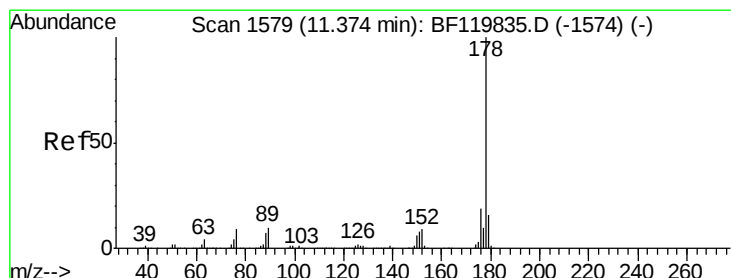
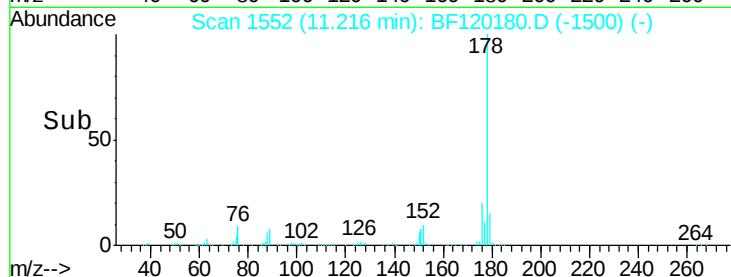
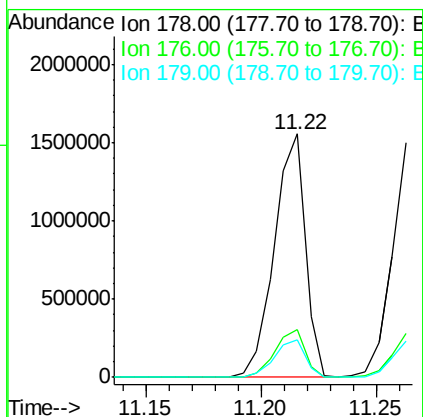
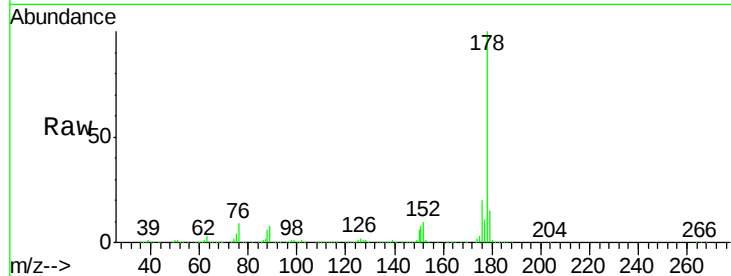
#71
Phenanthrene
Concen: 50.16 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion:178 Resp: 1450956
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.2 13.2 19.8

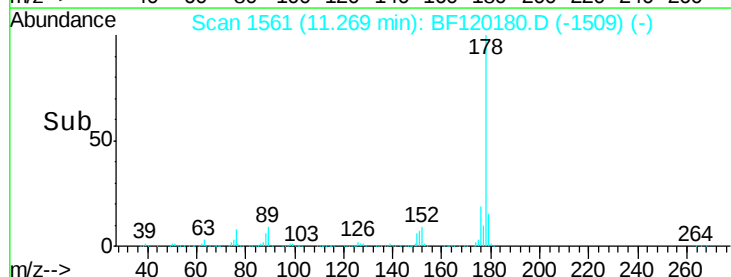
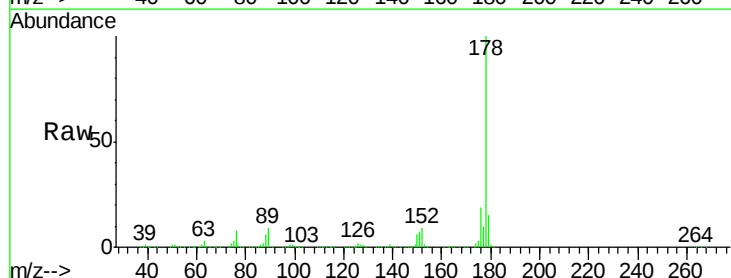
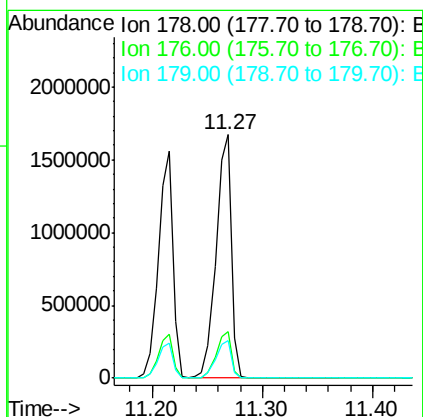
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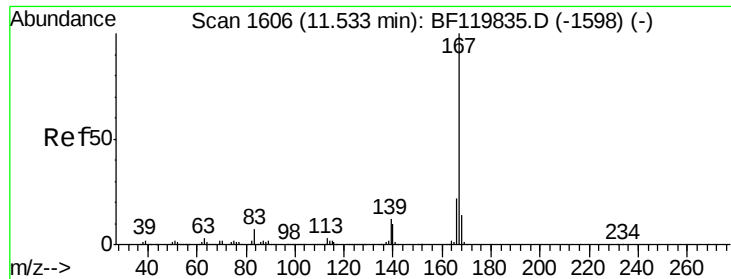
mohammad
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#72
Anthracene
Concen: 53.84 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion:178 Resp: 1590912
Ion Ratio Lower Upper
178 100
176 19.0 16.1 24.1
179 15.5 13.0 19.4





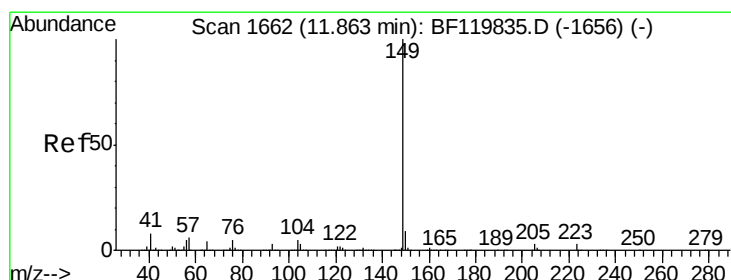
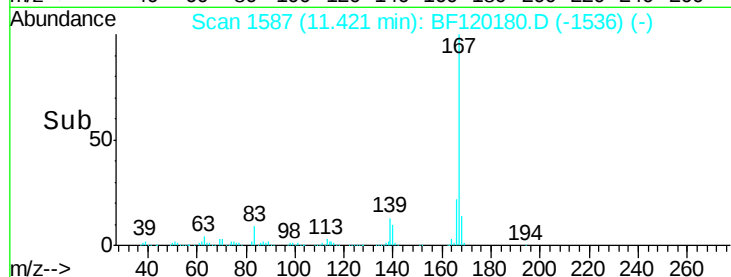
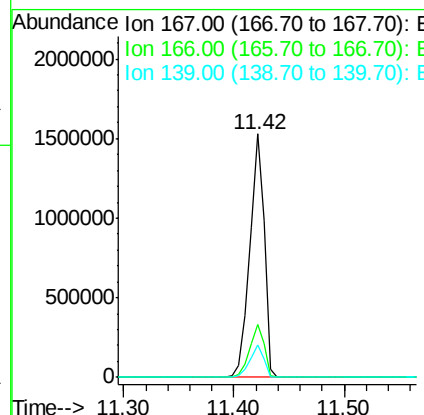
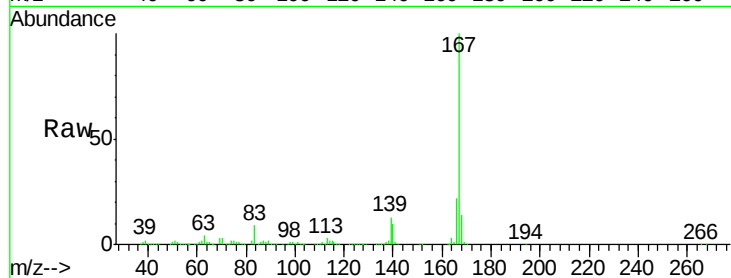
#73
 Carbazole
 Concen: 50.62 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.2	27.4
139	13.1	10.7	16.1

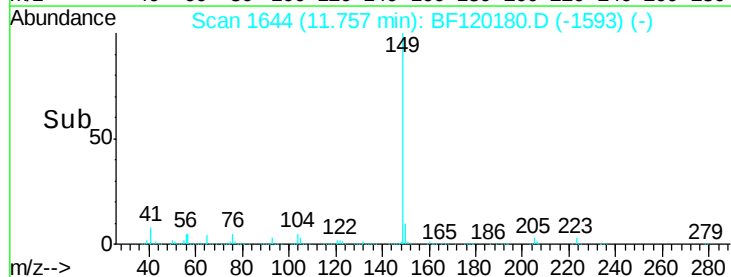
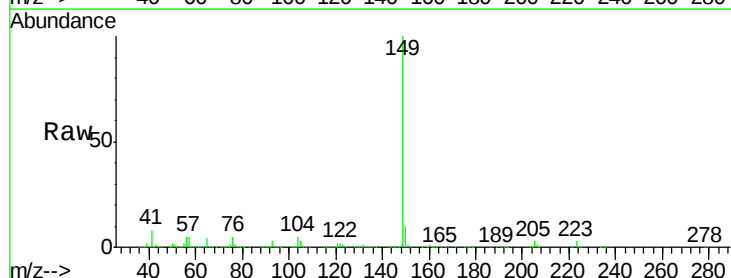
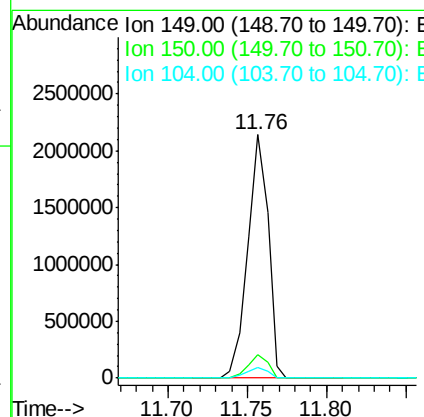
Manual Integrations
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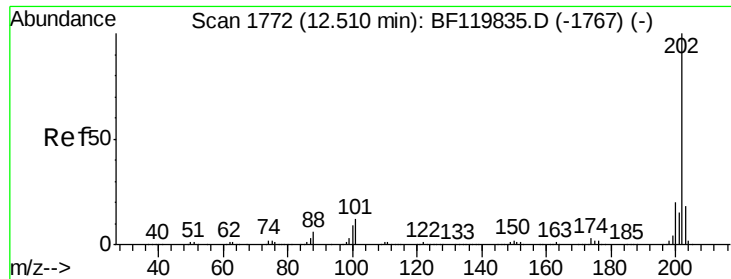
mohammad
 4/24/2020 1:34:37 PM



#74
 Di-n-butylphthalate
 Concen: 52.06 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 52.96 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

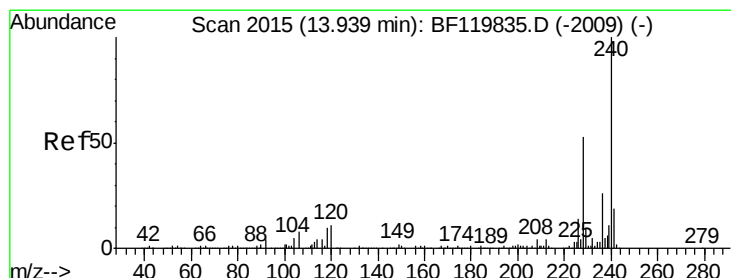
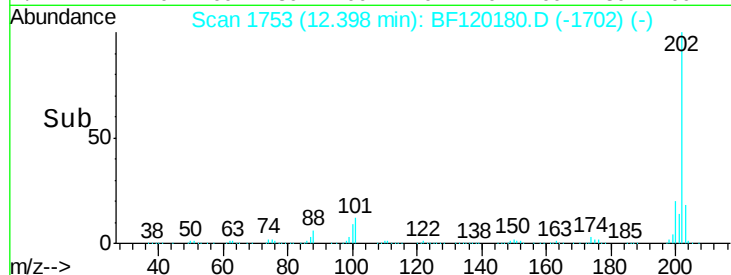
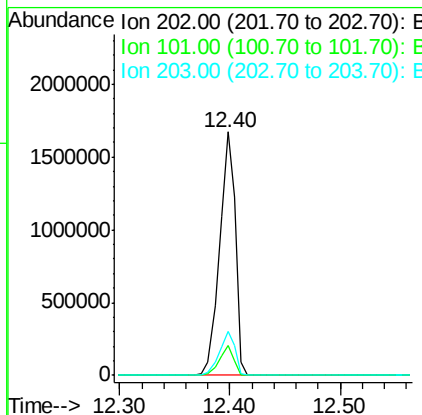
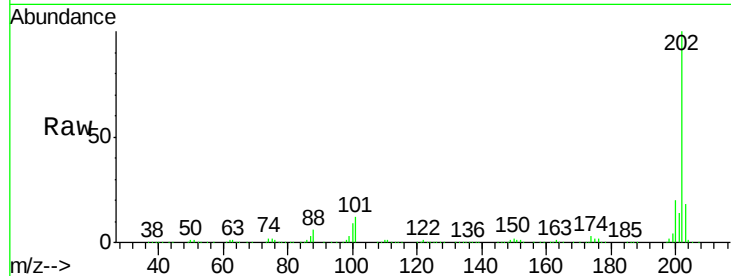
ClientSampleId :

PA-TWP-2MSD

Tgt Ion:	202	Resp:	1652732
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	32.2
203	18.3	0.0	38.8

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#76

Chrysene-d12

Concen: 20.00 ng

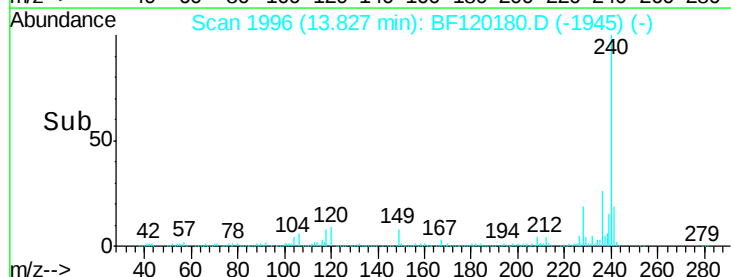
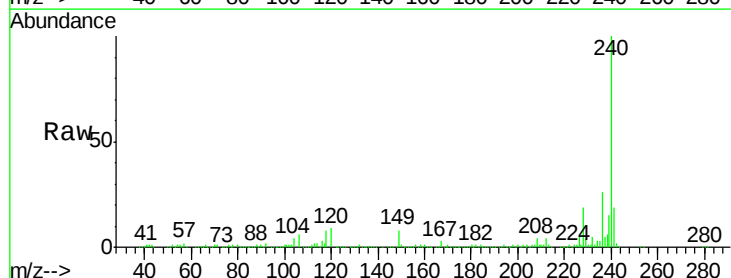
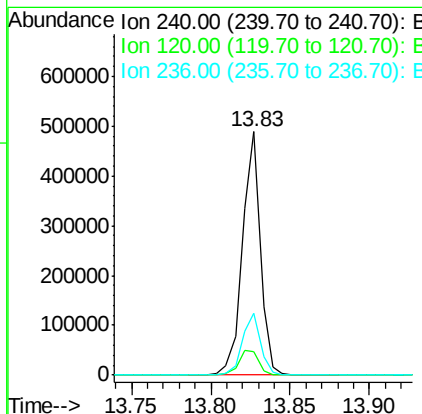
RT: 13.83 min Scan# 1996

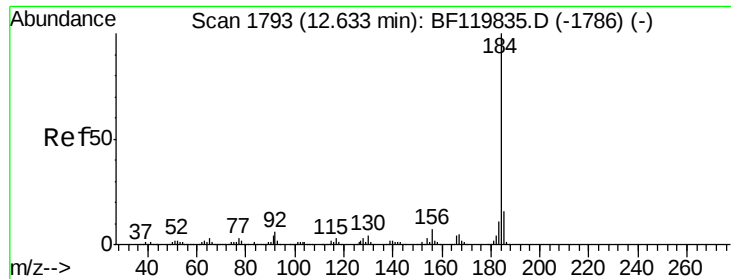
Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	240	Resp:	382098
Ion Ratio	Lower	Upper	
240	100		
120	9.5	10.6	15.8#
236	25.6	20.2	30.2





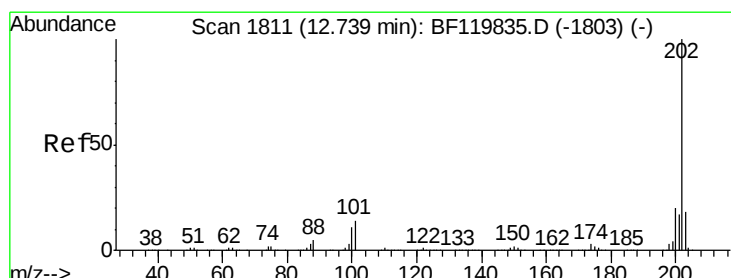
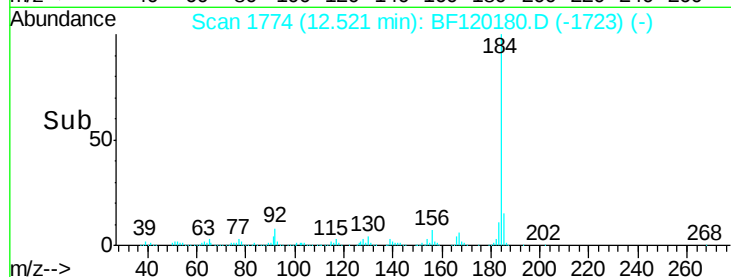
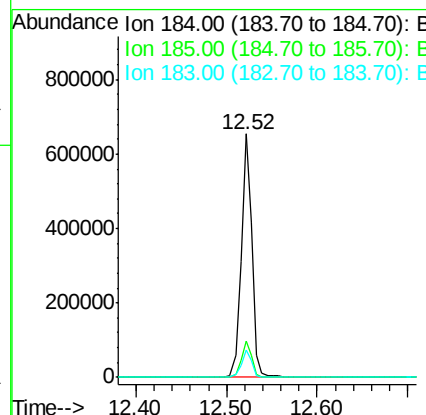
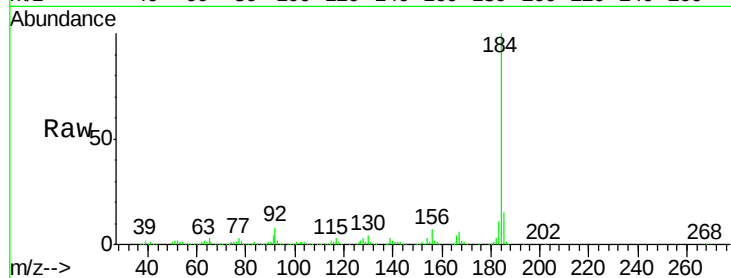
#77
Benzidine
Concen: 42.33 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	546713		
185	14.8	12.3	18.5	
183	11.2	9.0	13.6	

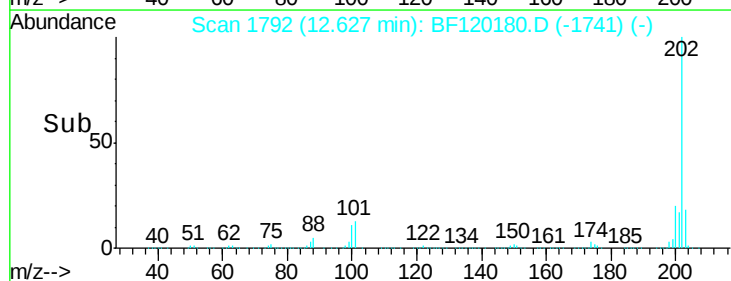
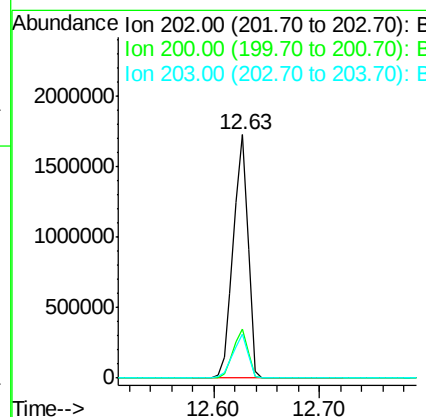
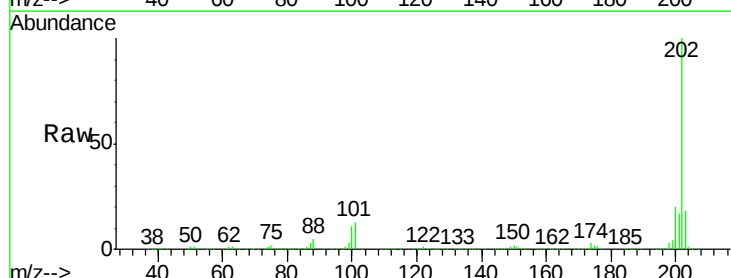
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#78
Pyrene
Concen: 51.72 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1666133		
200	20.2	16.8	25.2	
203	18.2	15.1	22.7	





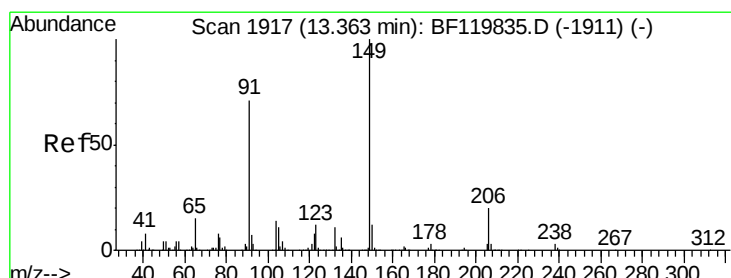
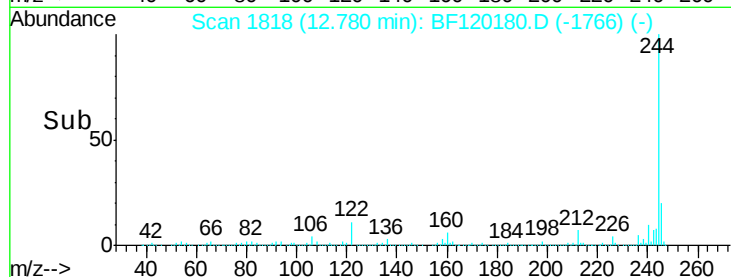
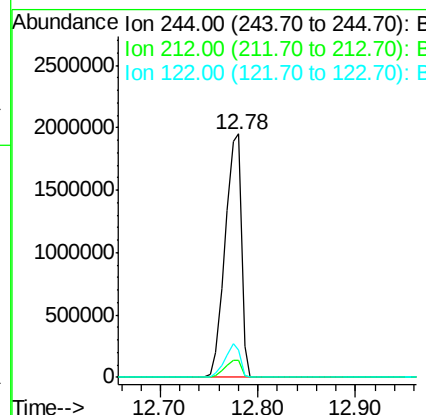
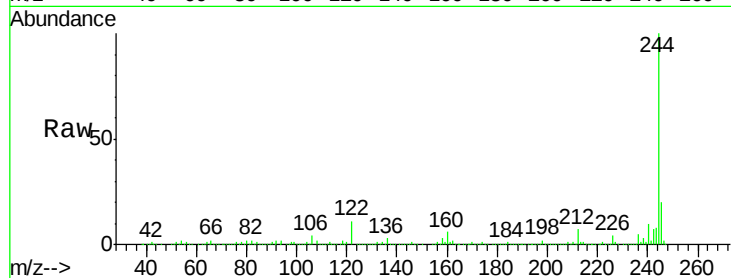
#79
 Terphenyl-d14
 Concen: 99.15 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.1	10.3	15.5

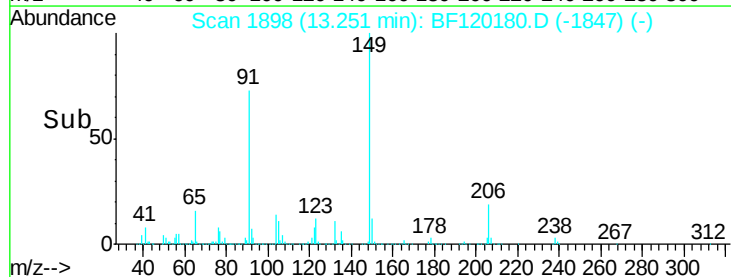
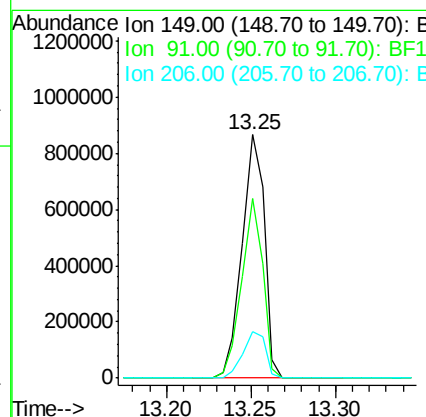
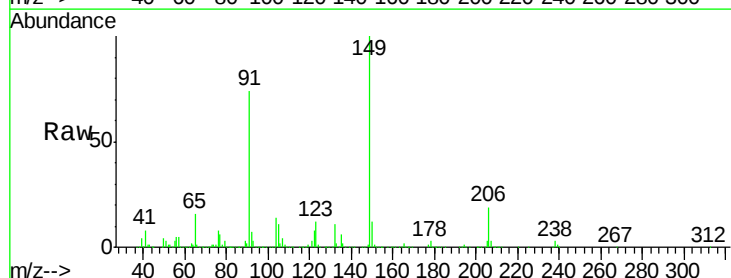
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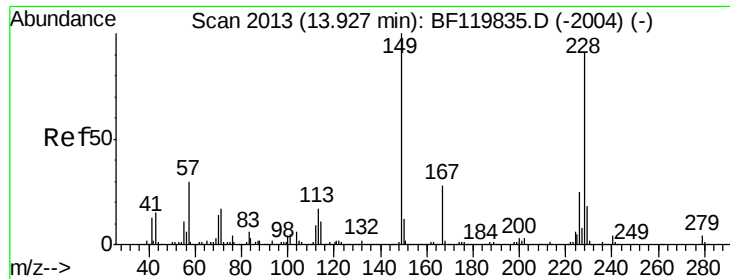
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#80
 Butylbenzylphthalate
 Concen: 51.17 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BF120180.D
 Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	54.7	82.1
206	19.3	16.2	24.2





#81

Benzo(a)anthracene

Concen: 51.83 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

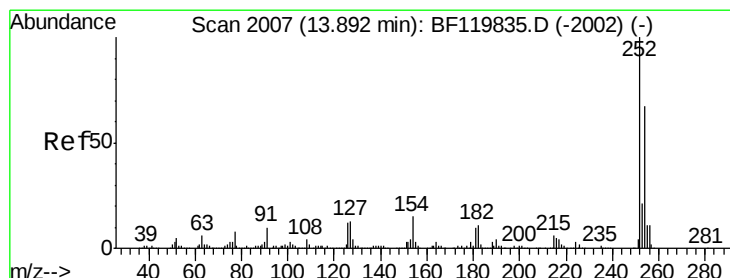
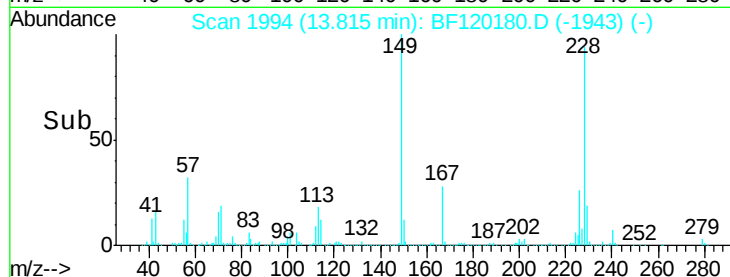
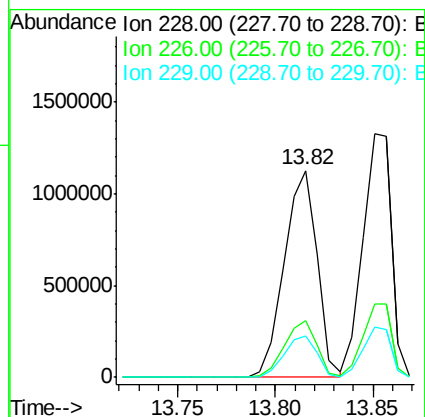
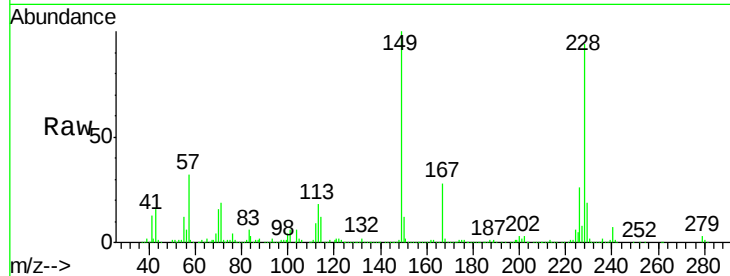
ClientSampleId :

PA-TWP-2MSD

Tgt Ion:	228	Resp:	1302880
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.0	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 24.91 ng

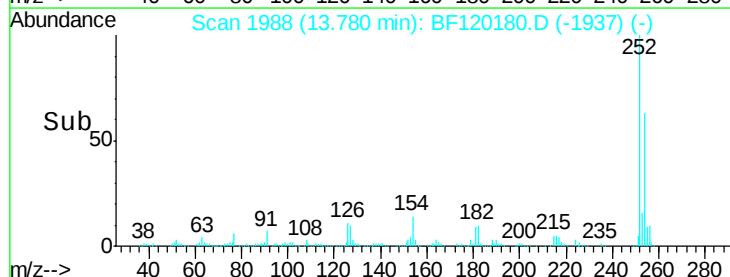
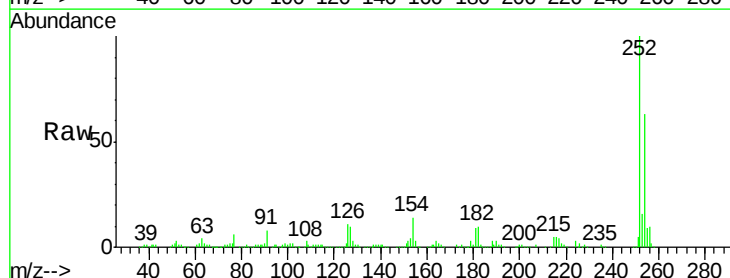
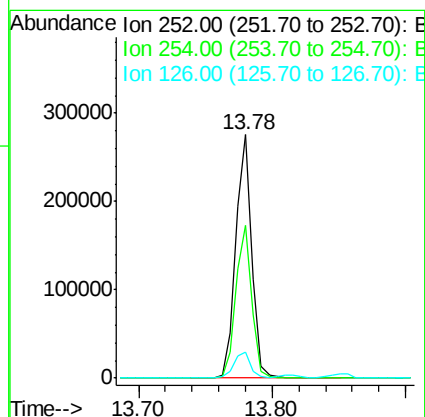
RT: 13.78 min Scan# 1988

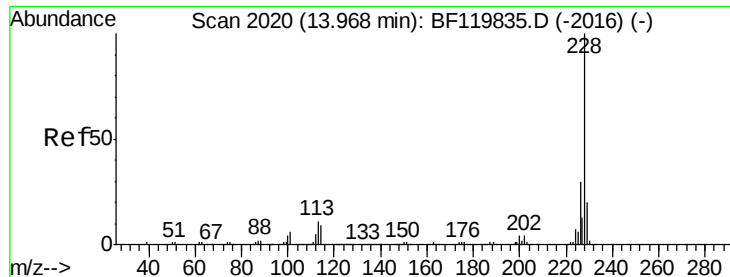
Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Tgt Ion:	252	Resp:	233636
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.2	76.8
126	10.6	9.6	14.4





#83

Chrysene

Concen: 52.67 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2MSD

Tgt Ion:228 Resp: 1345295

Ion Ratio Lower Upper

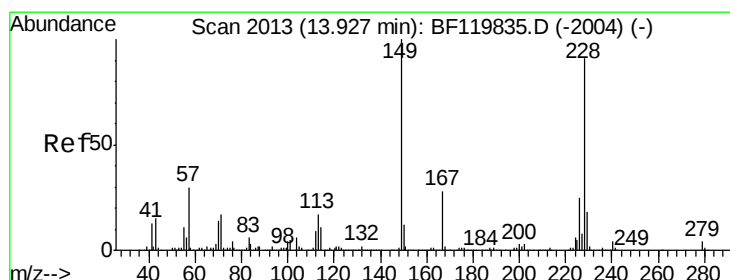
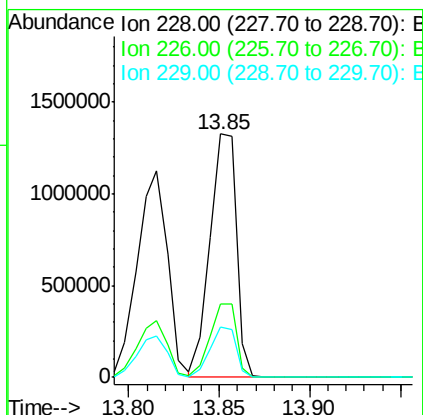
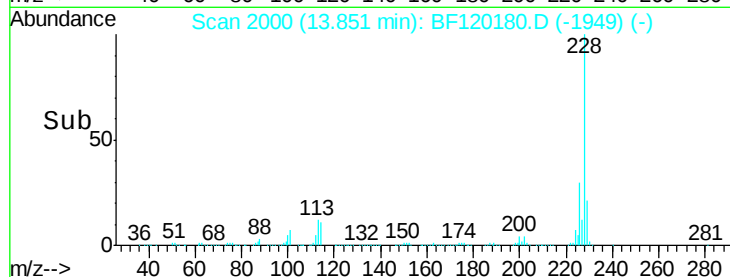
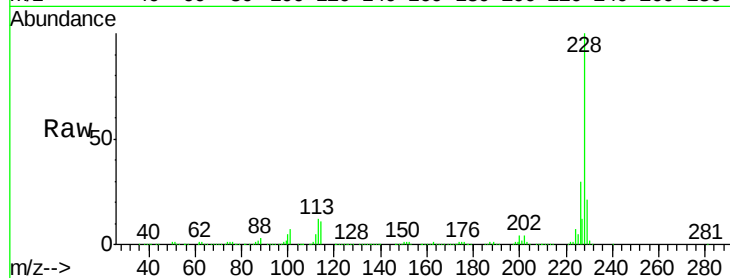
228 100

226 30.3 25.4 38.0

229 20.8 16.6 24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.68 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120180.D

Acq: 23 Apr 2020 22:48

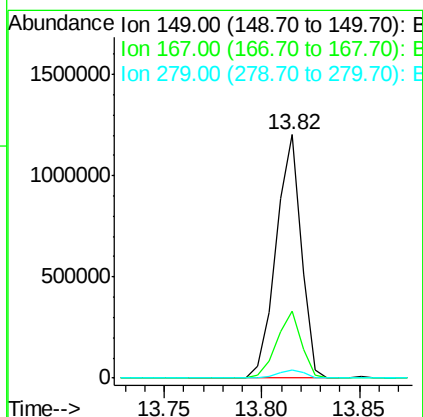
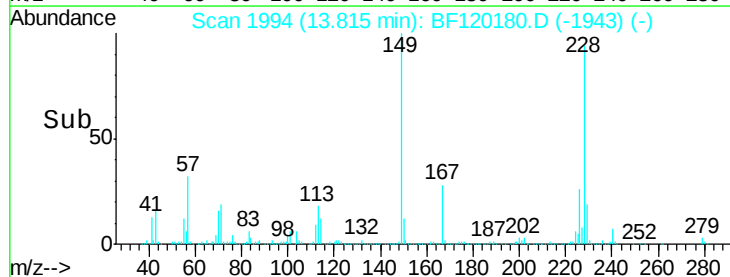
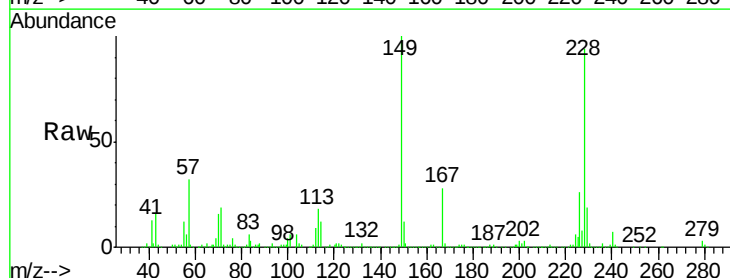
Tgt Ion:149 Resp: 1072655

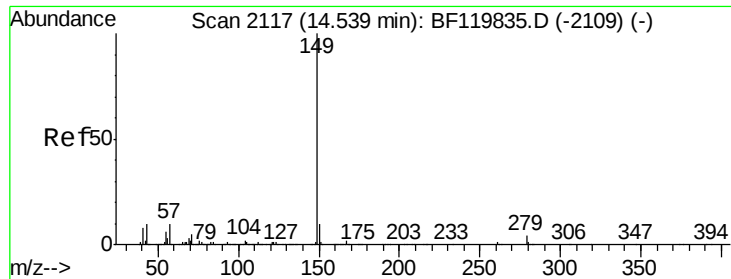
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.5 2.7 4.1





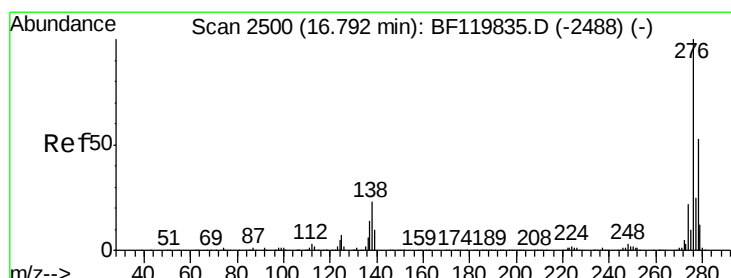
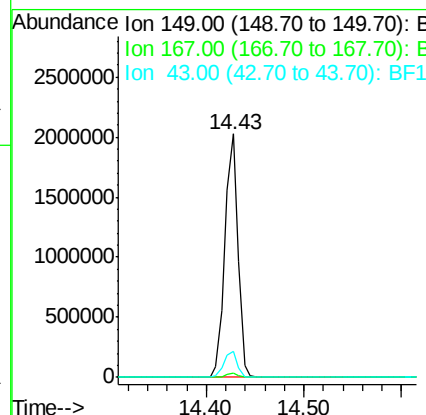
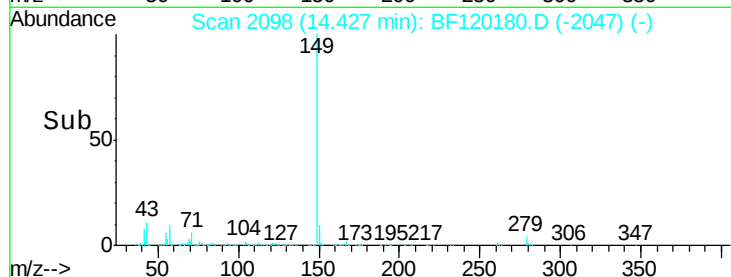
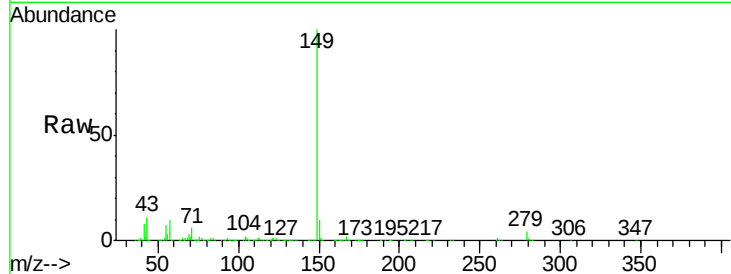
#85
Di-n-octyl phthalate
Concen: 52.20 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion:149 Resp: 1881351
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 9.3 13.9

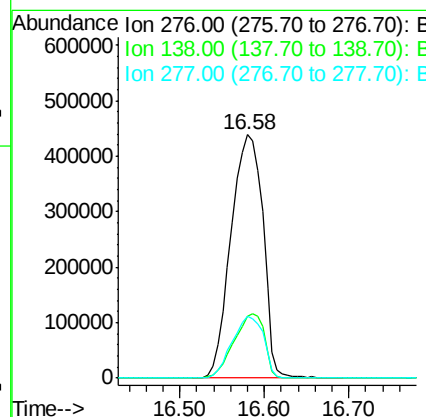
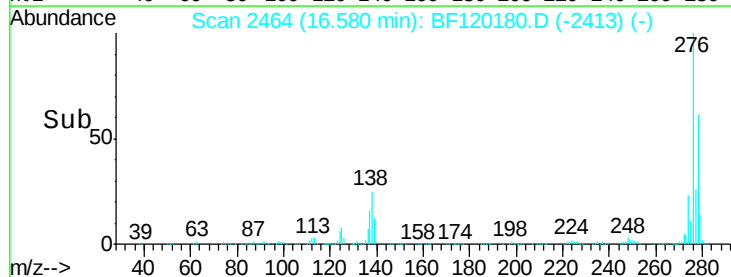
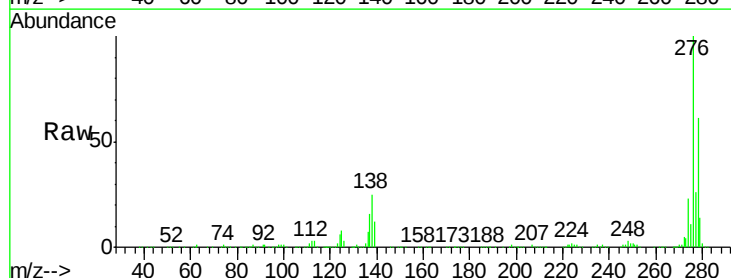
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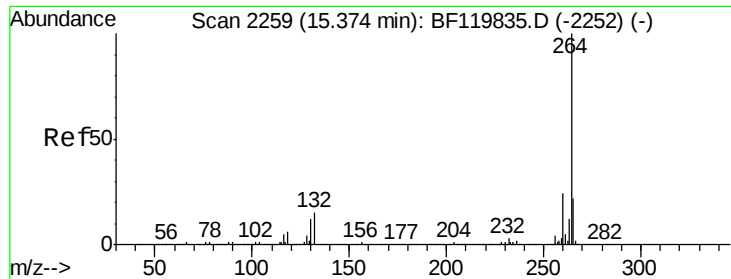
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.00 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion:276 Resp: 1148230
Ion Ratio Lower Upper
276 100
138 25.2 19.6 29.4
277 25.2 20.0 30.0





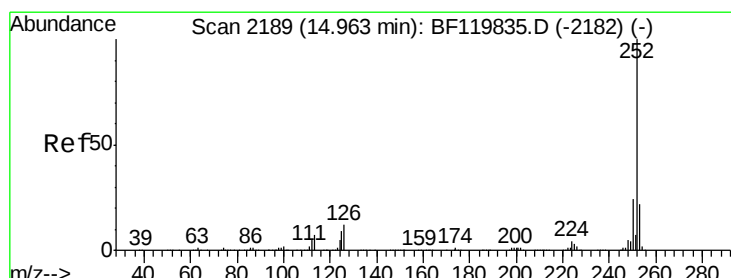
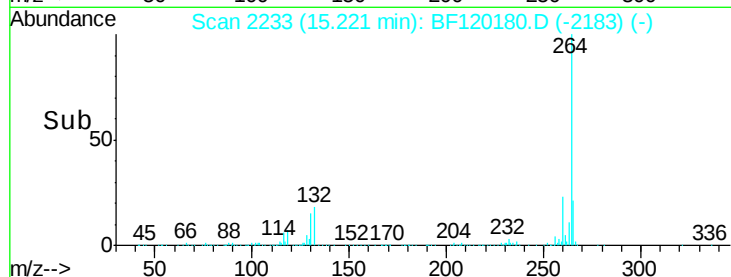
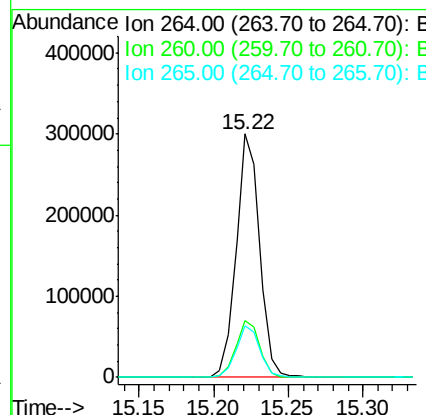
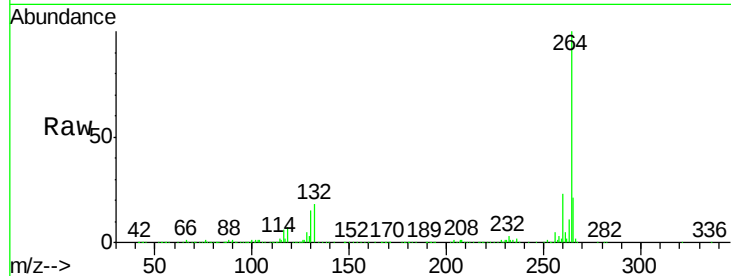
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.7	26.5

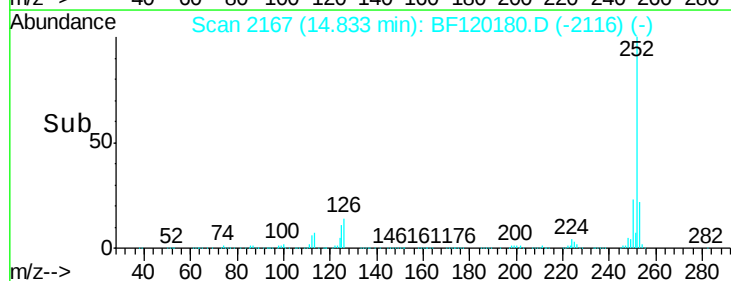
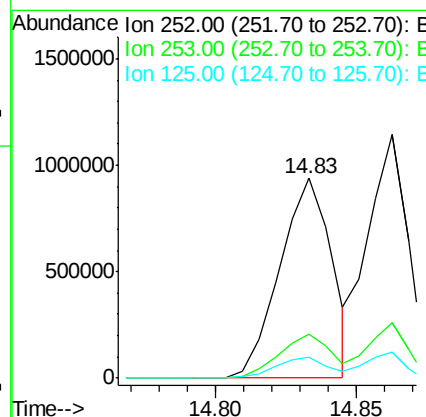
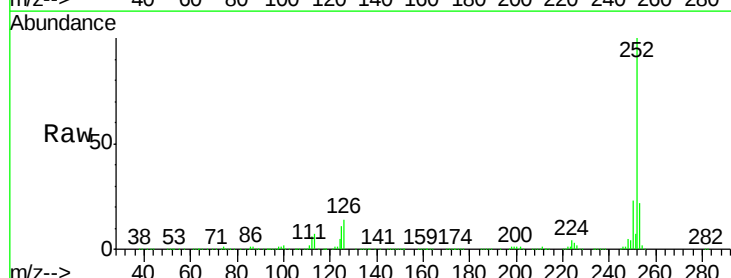
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#88
Benzo(b)fluoranthene
Concen: 50.36 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.7	7.9	11.9





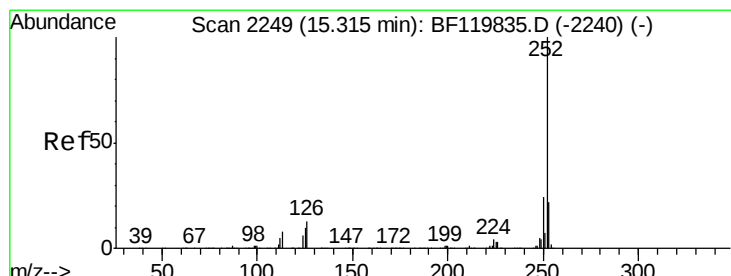
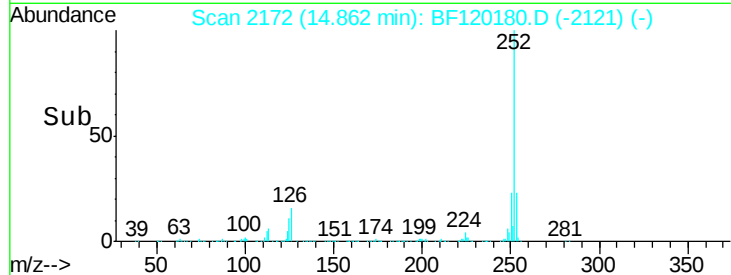
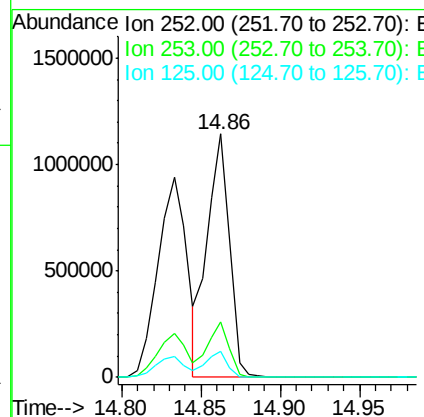
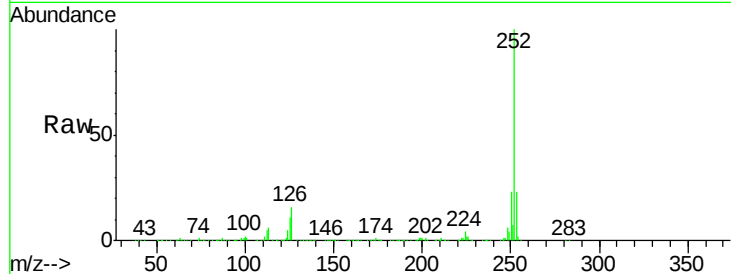
#89
Benzo(k)fluoranthene
Concen: 54.95 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion:252 Resp: 1128925
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.7 8.4 12.6

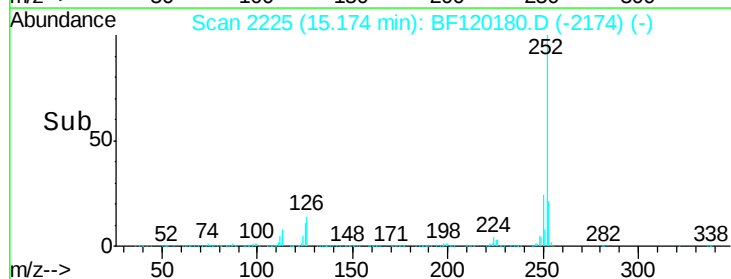
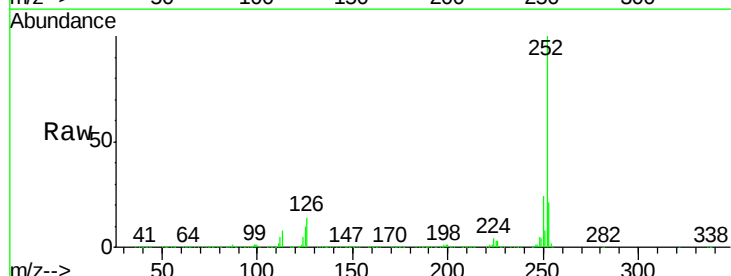
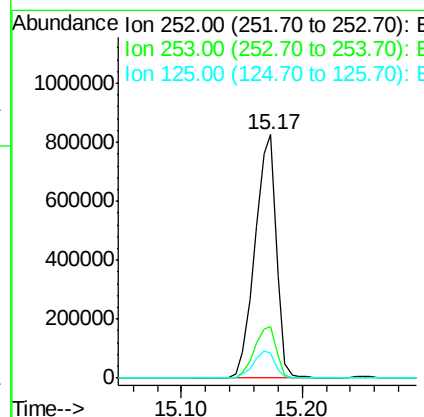
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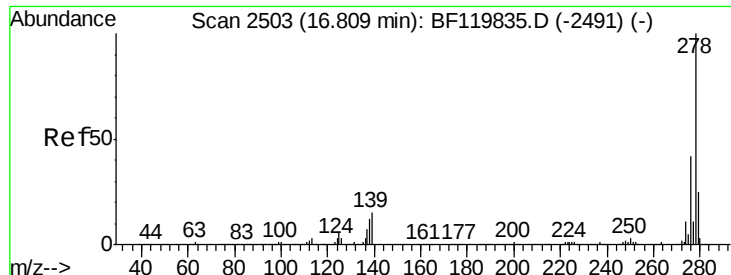
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#90
Benzo(a)pyrene
Concen: 51.11 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion:252 Resp: 1023273
Ion Ratio Lower Upper
252 100
253 21.1 18.2 27.2
125 10.3 9.4 14.2





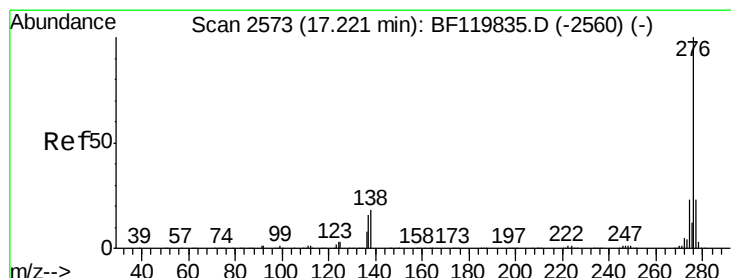
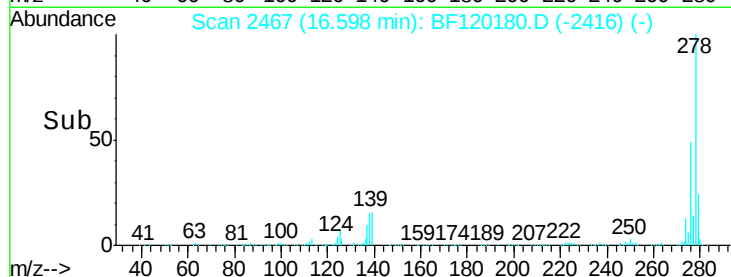
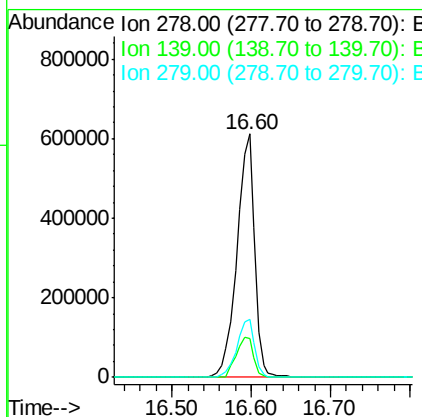
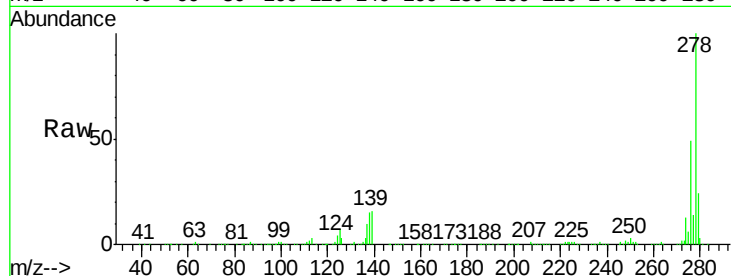
#91
Dibenzo(a,h)anthracene
Concen: 53.63 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	951123		
139	16.1	12.6	19.0	
279	23.8	19.0	28.6	

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.92 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120180.D
Acq: 23 Apr 2020 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	943872		
277	23.4	18.4	27.6	
138	21.6	15.4	23.0	

