

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119673.D
 Acq On : 1 Apr 2020 14:33
 Operator : MA/SJ
 Sample : L1762-25MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Manual Integrations
 APPROVED

mohammad
 4/3/2020 11:14:26 PM

Quant Time: Apr 02 00:40:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	260308	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1010558	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	529279	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1011189	20.00	ng	0.00
76) Chrysene-d12	13.99	240	752445	20.00	ng	0.00
87) Perylene-d12	15.45	264	800553	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2121829	129.76	ng	0.04
7) Phenol-d6	6.45	99	2538406	121.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	1825417	98.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	847275	155.17	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3430389	96.02	ng	0.00
79) Terphenyl-d14	12.94	244	3814083	99.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	316547	39.196	ng	# 82
3) Pyridine	3.47	79	751179	33.762	ng	92
4) n-Nitrosodimethylamine	3.40	42	453929	41.837	ng	89
6) Aniline	6.47	93	241199	8.366	ng	# 89
8) 2-Chlorophenol	6.60	128	941846	54.841	ng	96
9) Benzaldehyde	6.36	77	439842	33.193	ng	99
10) Phenol	6.46	94	989162	44.380	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	940945	52.785	ng	100
12) 1,3-Dichlorobenzene	6.76	146	908994	48.903	ng	98
13) 1,4-Dichlorobenzene	6.83	146	906447	48.754	ng	99
14) 1,2-Dichlorobenzene	6.99	146	846727	48.723	ng	99
15) Benzyl Alcohol	6.96	79	774939	49.319	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1619631	45.044	ng	96
17) 2-Methylphenol	7.07	107	767842	48.797	ng	99
18) Hexachloroethane	7.33	117	353366	51.863	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	643671	51.123	ng	96
20) 3+4-Methylphenols	7.23	107	874330	45.338	ng	# 78
22) Acetophenone	7.23	105	1218865	50.477	ng	# 90
24) Nitrobenzene	7.40	77	981498	49.392	ng	100
25) Isophorone	7.64	82	1856701	49.225	ng	99
26) 2-Nitrophenol	7.72	139	507796	64.901	ng	91
27) 2,4-Dimethylphenol	7.76	122	848540	52.449	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1193050	53.489	ng	99
29) 2,4-Dichlorophenol	7.96	162	786500	52.908	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	837533	50.946	ng	99
31) Naphthalene	8.12	128	2719653	52.296	ng	100
32) Benzoic acid	7.86	122	353956	34.012	ng	95
33) 4-Chloroaniline	8.17	127	118714	4.982	ng	97
34) Hexachlorobutadiene	8.24	225	471964	51.311	ng	99
35) Caprolactam	8.55	113	204831m	42.102	ng	
36) 4-Chloro-3-methylphenol	8.66	107	860183	52.943	ng	99
37) 2-Methylnaphthalene	8.82	142	1840962	53.940	ng	98
38) 1-Methylnaphthalene	8.92	142	1731478	53.598	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	767565	49.477	ng	99

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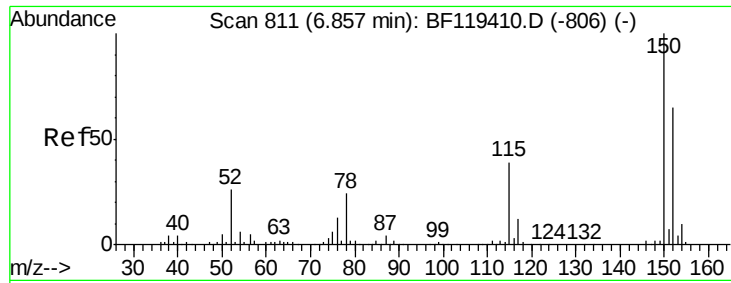
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	890279	100.942	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	613667	55.276	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	593343	47.709	nq	98
46) 1,1'-Biphenyl	9.28	154	2145866	49.780	nq	99
47) 2-Chloronaphthalene	9.30	162	1683172	49.848	nq	100
48) 2-Nitroaniline	9.40	65	603467	51.778	nq	90
49) Acenaphthylene	9.72	152	2638931	49.767	nq	99
50) Dimethylphthalate	9.59	163	1996465	53.105	nq	99
51) 2,6-Dinitrotoluene	9.64	165	453779	56.312	nq	91
52) Acenaphthene	9.90	154	1750953	52.968	nq	99
53) 3-Nitroaniline	9.81	138	131024	12.879	nq	92
54) 2,4-Dinitrophenol	9.92	184	301560	85.896	nq	96
55) Dibenzofuran	10.07	168	2390990	50.448	nq	99
56) 4-Nitrophenol	9.98	139	728833	90.815	nq	95
57) 2,4-Dinitrotoluene	10.05	165	614061	60.491	nq	98
58) Fluorene	10.41	166	1812541	51.716	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	502088	54.010	nq	99
60) Diethylphthalate	10.29	149	2051955	53.777	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	874377	51.017	nq	99
62) 4-Nitroaniline	10.43	138	454275	46.566	nq	95
63) Azobenzene	10.56	77	1954242	50.860	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	254275	59.968	nq	93
66) n-Nitrosodiphenylamine	10.53	169	1721814	51.868	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	594358	51.611	nq	100
68) Hexachlorobenzene	10.96	284	630479	53.491	nq	# 91
69) Atrazine	11.06	200	532257	58.486	nq	98
70) Pentachlorophenol	11.16	266	691826	100.104	nq	97
71) Phenanthrene	11.37	178	2667818	50.881	nq	100
72) Anthracene	11.43	178	2717020	50.986	nq	99
73) Carbazole	11.58	167	2587655	49.059	nq	100
74) Di-n-butylphthalate	11.92	149	3179872	56.356	nq	100
75) Fluoranthene	12.56	202	2935312	51.728	nq	99
77) Benzidine	12.68	184	131835	4.140	nq	99
78) Pyrene	12.79	202	2969882	48.093	nq	100
80) Butylbenzylphthalate	13.42	149	1403192	56.181	nq	99
81) Benzo(a)anthracene	13.99	228	2331237	47.644	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	257745	13.360	nq	98
83) Chrysene	14.02	228	2499298	49.493	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1778201	59.724	nq	99
85) Di-n-octyl phthalate	14.59	149	3263183	62.318	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2759744	58.027	nq	98
88) Benzo(b)fluoranthene	15.03	252	2836188	53.036	nq	98
89) Benzo(k)fluoranthene	15.06	252	2364318	46.431	nq	99
90) Benzo(a)pyrene	15.39	252	2398771	49.358	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2290250	53.878	nq	99
92) Benzo(g,h,i)perylene	17.36	276	2300516	53.870	nq	96

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



#1

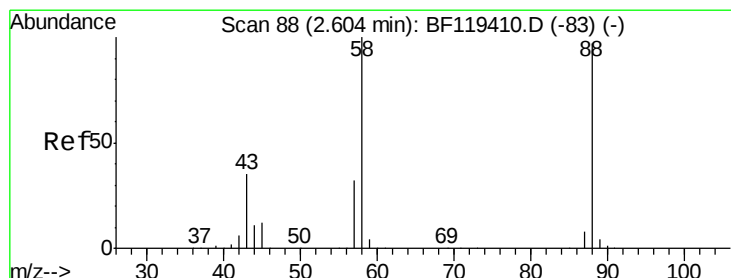
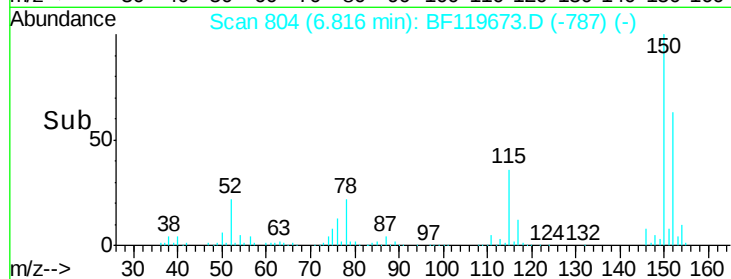
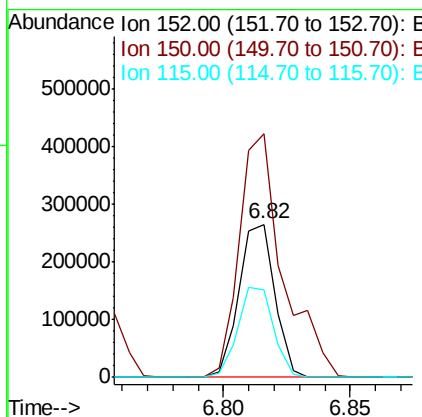
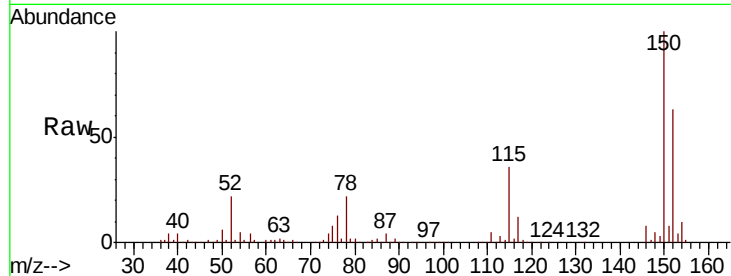
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.5	186.7
115	57.1	49.6	74.4

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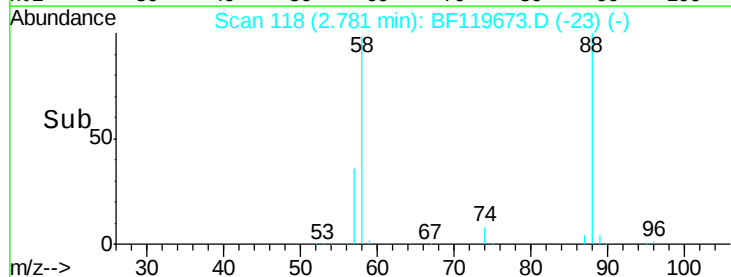
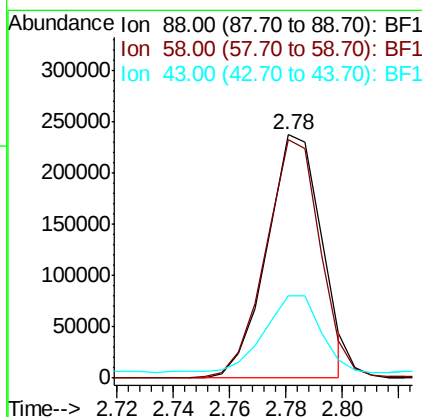
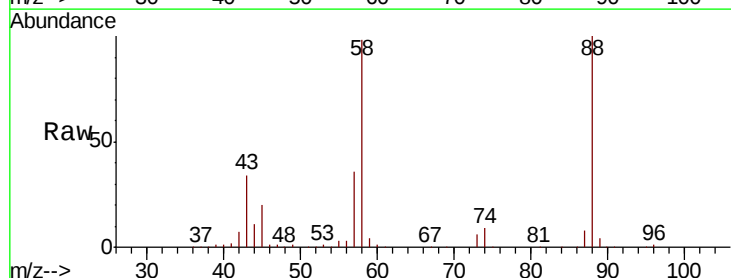
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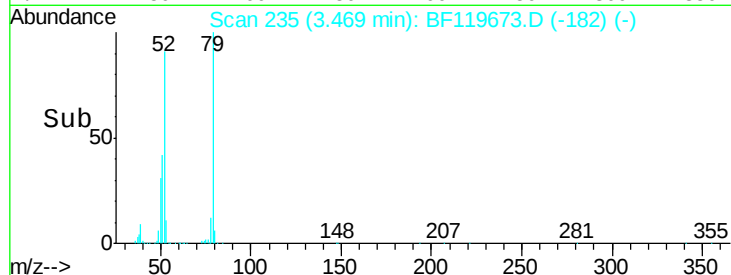
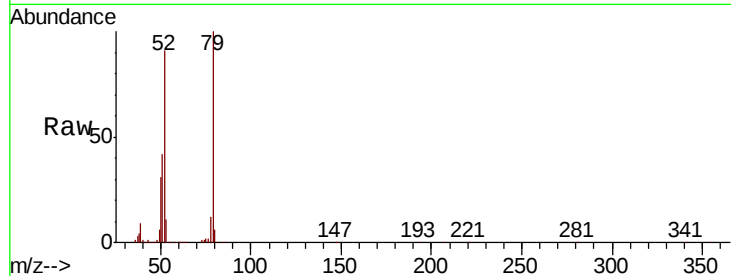
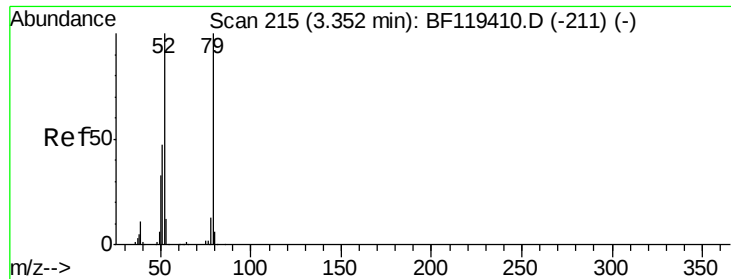


#2

1,4-Dioxane
Concen: 39.196 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.26 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.4	80.6	121.0
43	0.0	27.5	41.3#





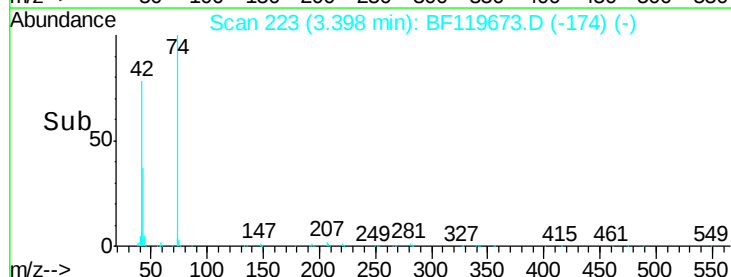
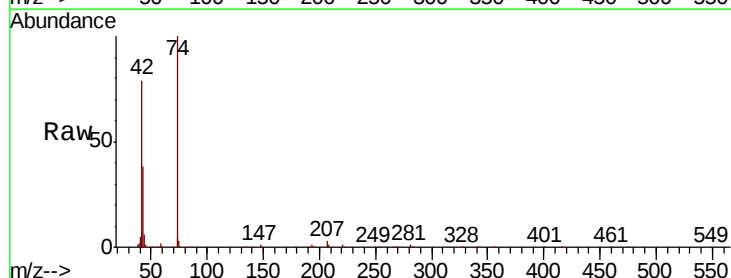
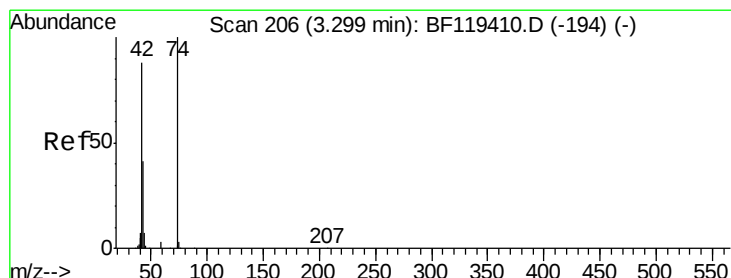
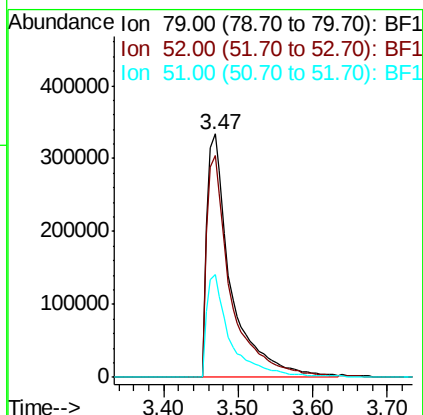
#3
Pvridine
Concen: 33.762 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.21 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.3	80.2	120.2
51	42.1	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

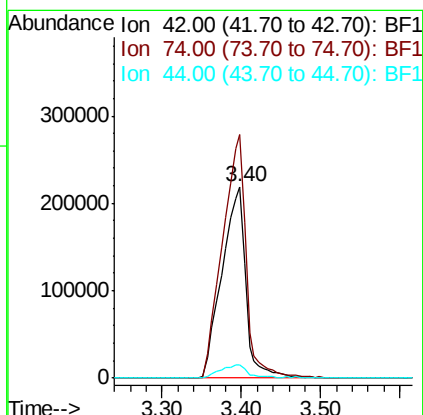
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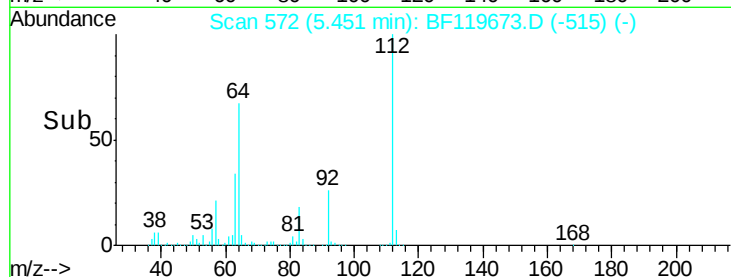
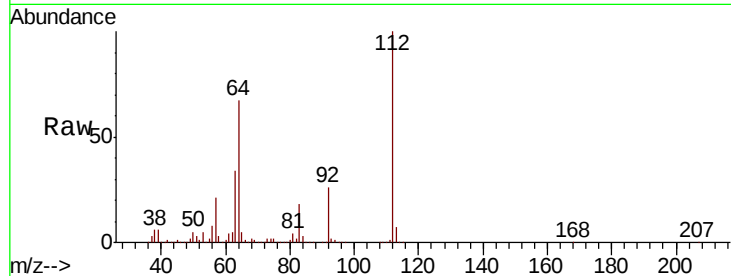
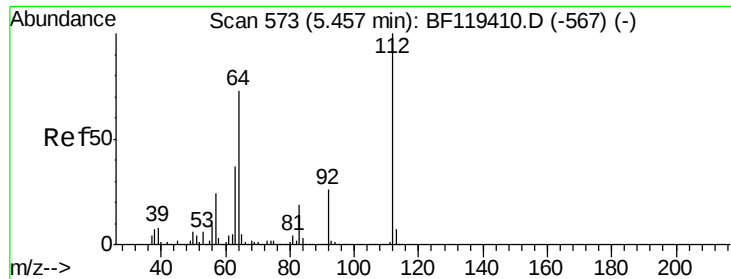
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#4
n-Nitrosodimethylamine
Concen: 41.837 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.19 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.2	91.5	137.3
44	7.2	6.2	9.4





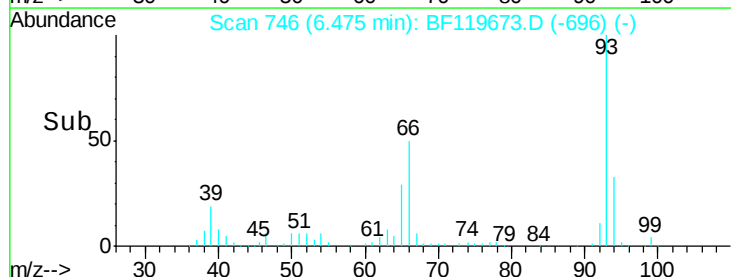
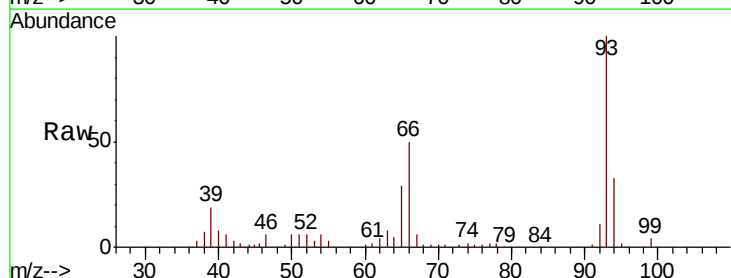
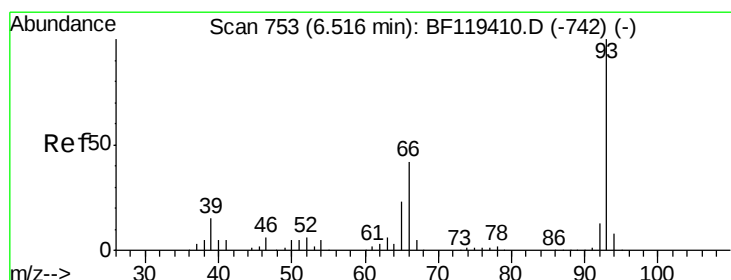
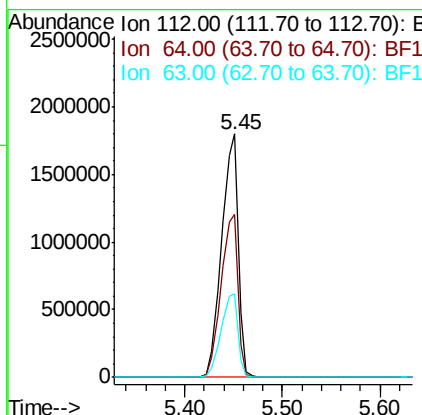
#5
2-Fluorophenol
Concen: 129.760 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.04 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tot Ion	Ratio	Resp	Lower	Upper
112	100	2121829		
64	66.8	56.7	85.1	
63	34.4	29.5	44.3	

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

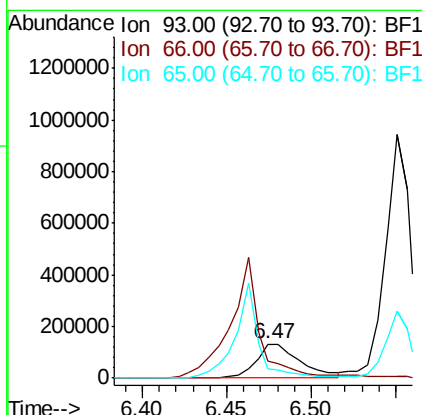
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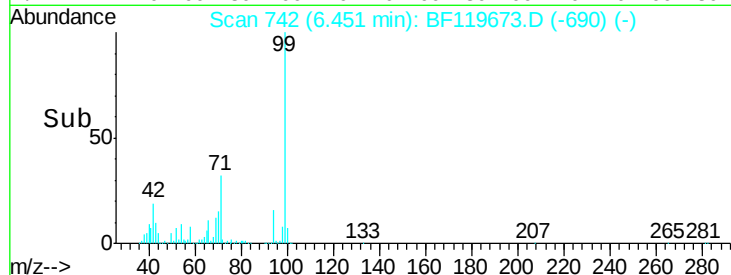
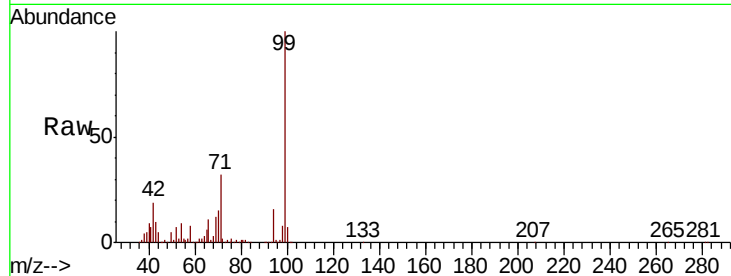
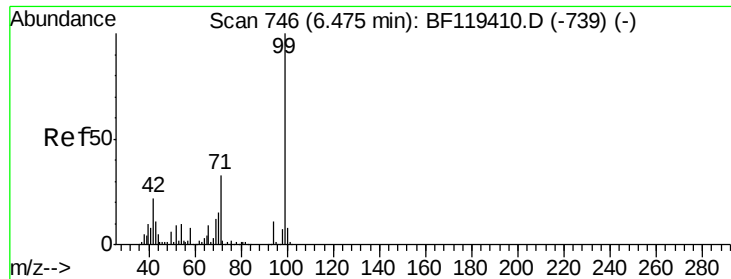
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#6
Aniline
Concen: 8.366 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	241199		
66	50.3	34.9	52.3	
65	29.0	18.6	27.8	





#7

Phenol-d6

Concen: 121.522 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tot Ion:	99	Resp:	2538406
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.6	24.8
71	32.3	26.4	39.6

Instrument :

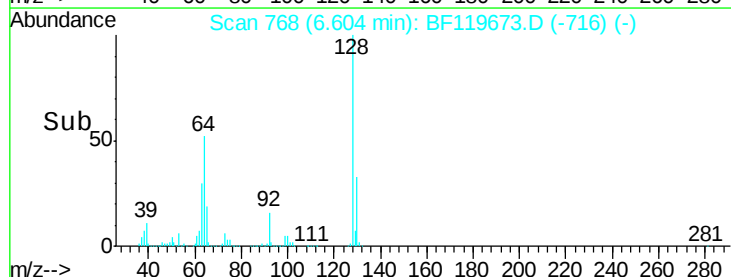
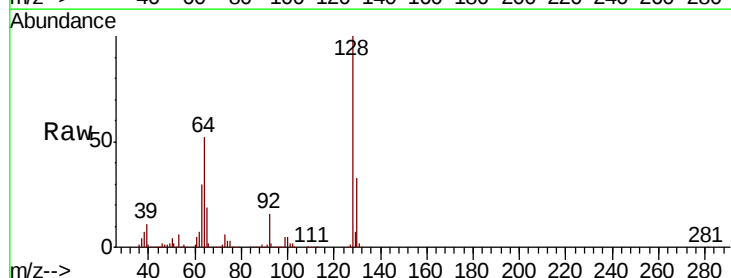
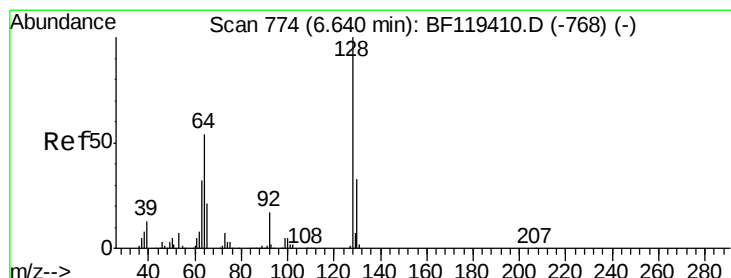
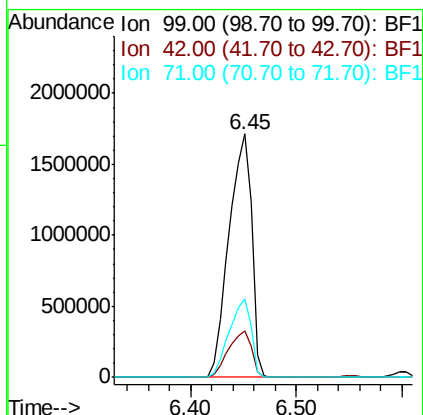
BNA_F

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#8

2-Chlorophenol

Concen: 54.841 ng

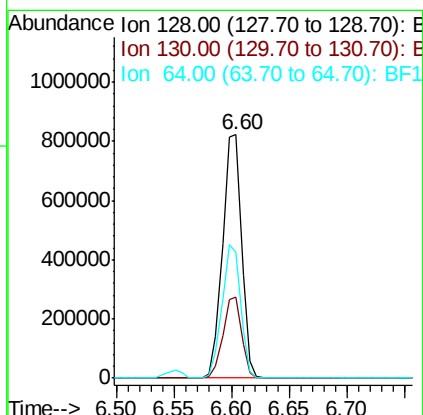
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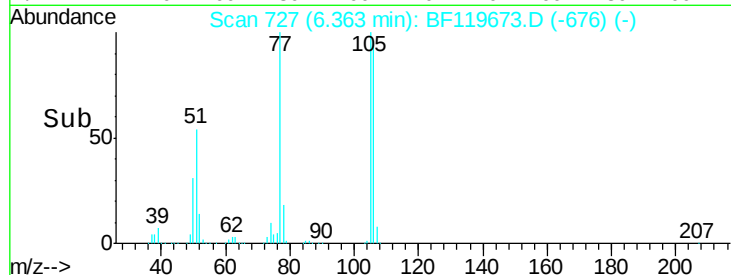
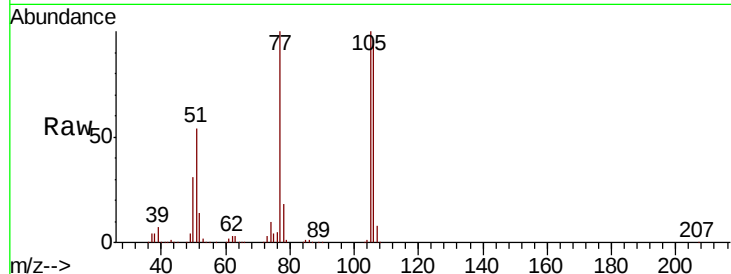
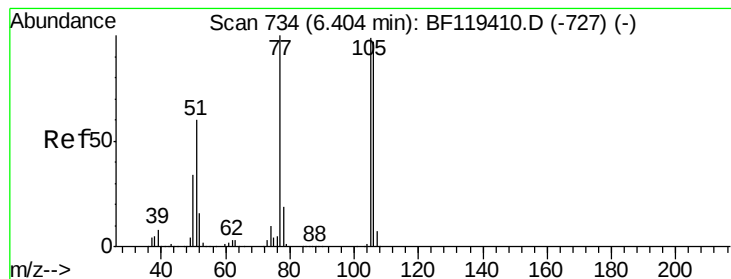
Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:	128	Resp:	941846
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	51.6	35.3	75.3





#9

Benzaldehyde

Concen: 33.193 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tot Ion:	77	Resp:	439842
Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.9	120.9
106	96.4	77.9	117.9

Instrument :

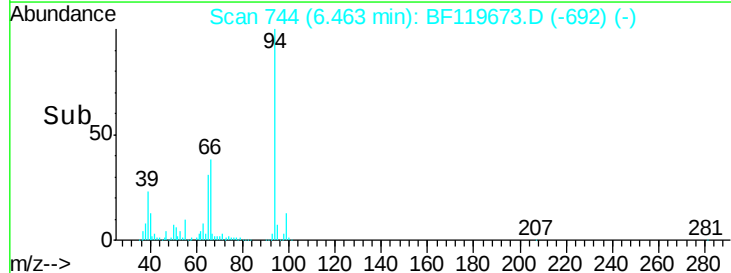
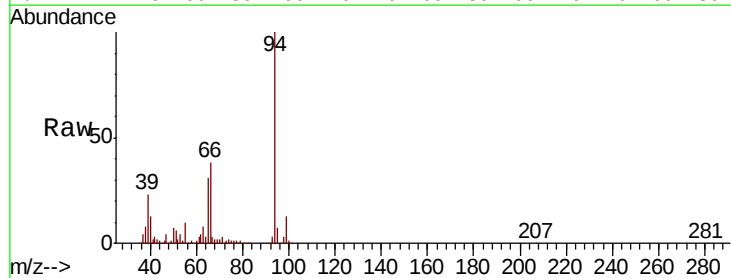
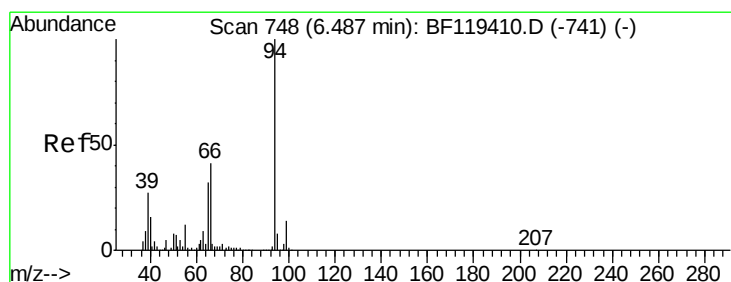
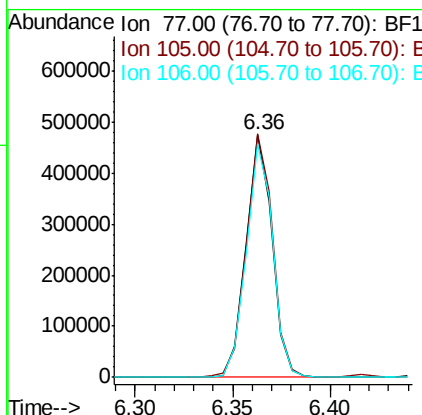
BNA_F

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#10

Phenol

Concen: 44.380 ng

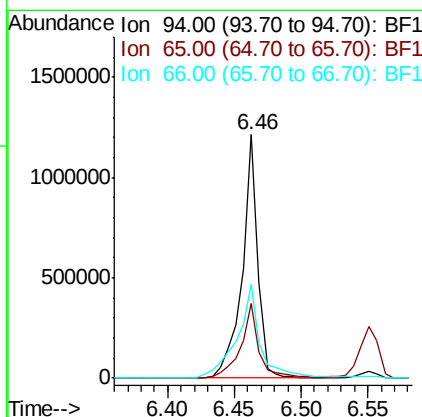
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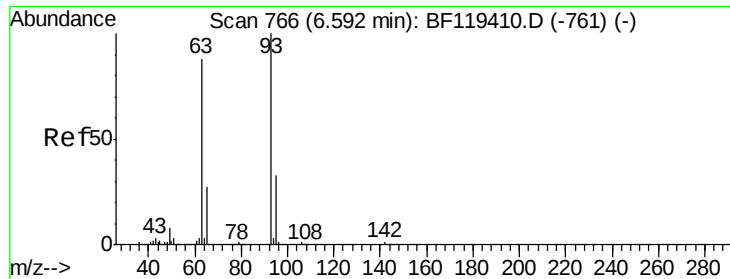
Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:	94	Resp:	989162
Ion	Ratio	Lower	Upper
94	100		
65	30.5	13.2	53.2
66	38.3	22.3	62.3





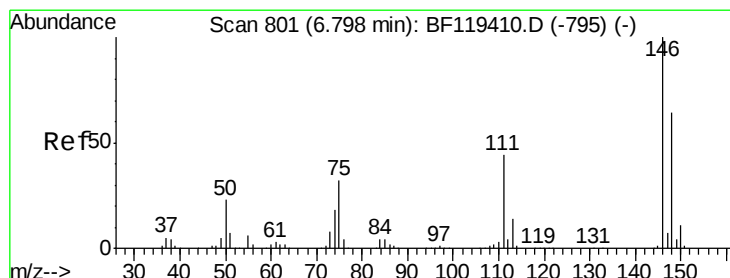
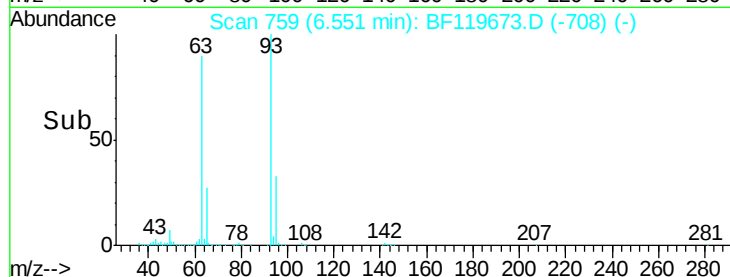
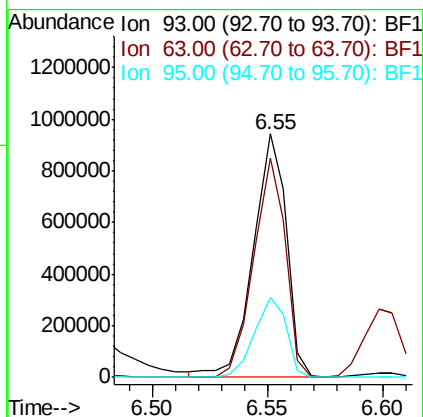
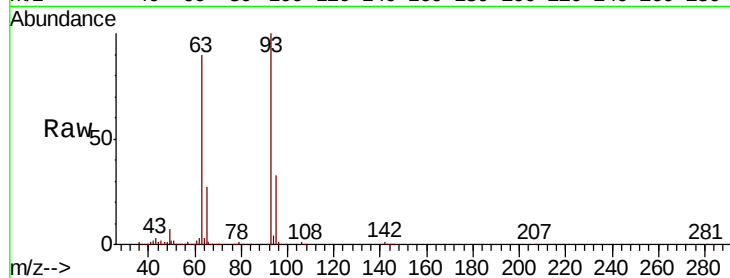
#11
bis(2-Chloroethyl)ether
Concen: 52.785 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	70.2	110.2
95	32.8	13.4	53.4

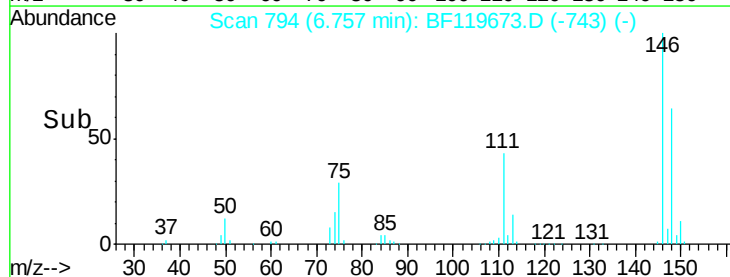
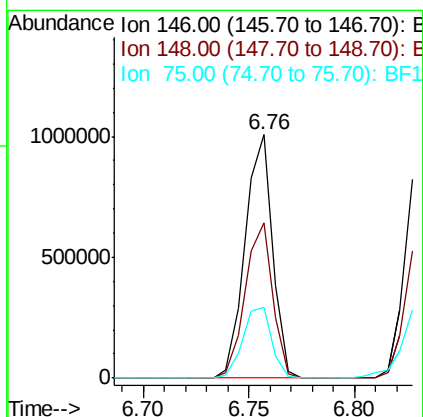
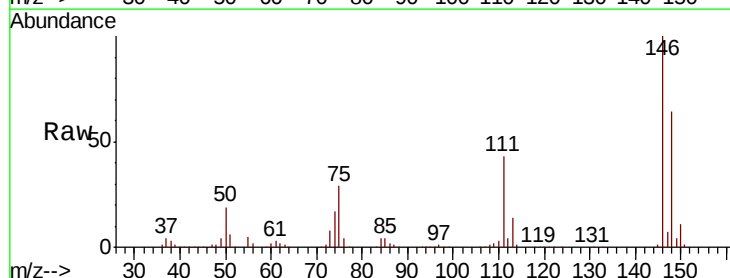
Manual Integrations
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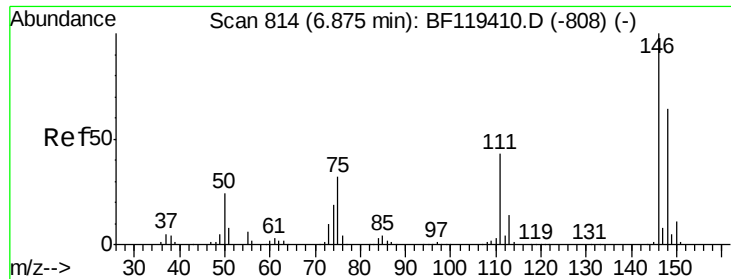
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.903 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
75	29.3	23.0	34.4





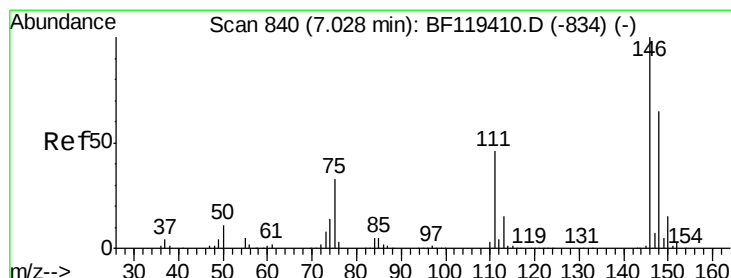
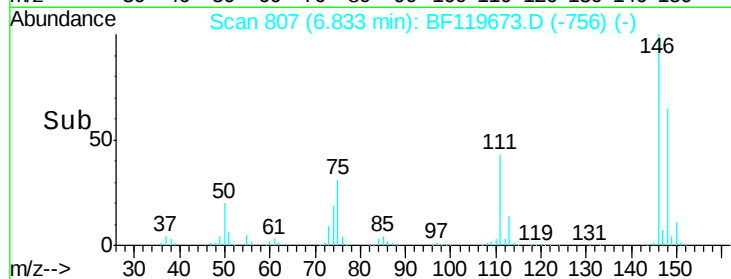
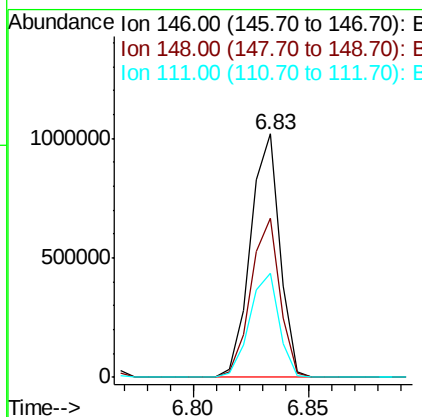
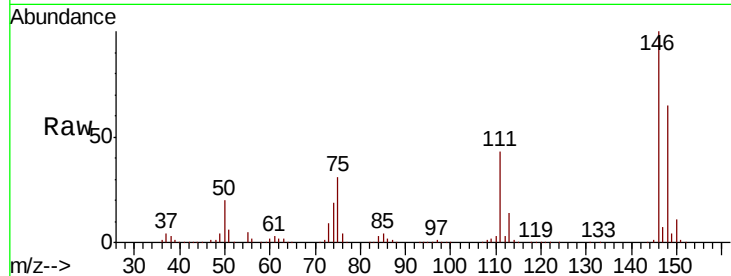
#13
 1,4-Dichlorobenzene
 Concen: 48.754 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	42.6	33.3	49.9

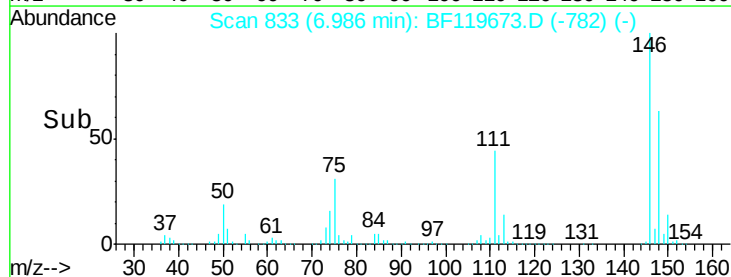
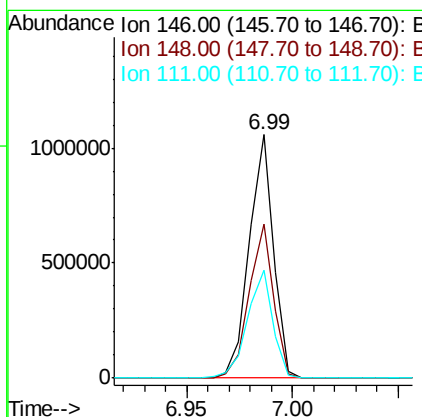
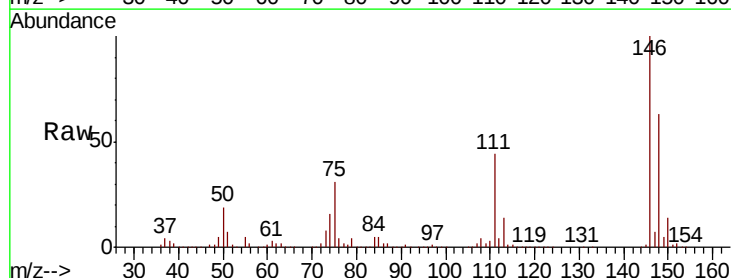
Manual Integrations
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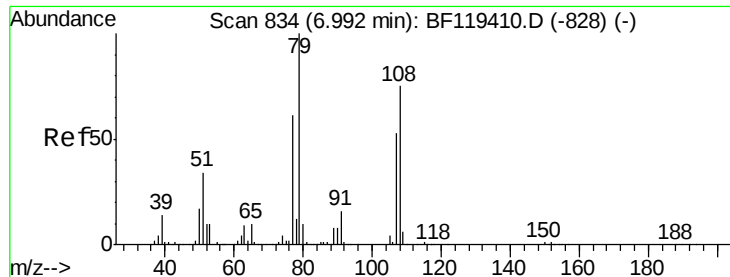
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.723 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	44.3	36.1	54.1





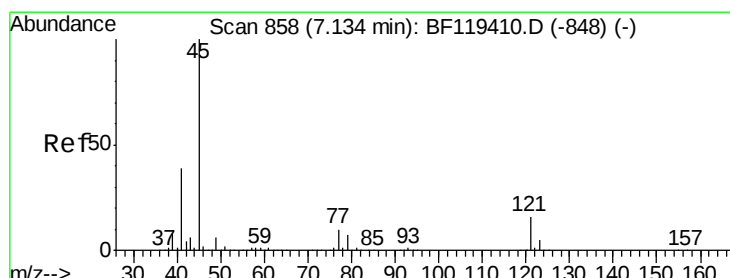
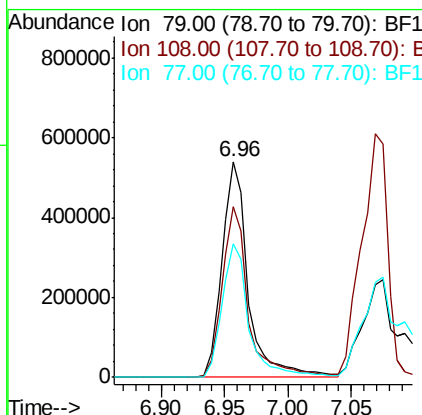
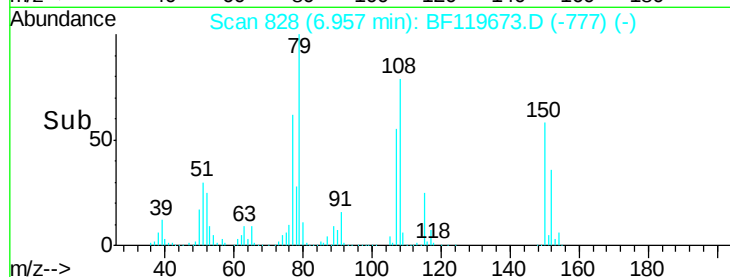
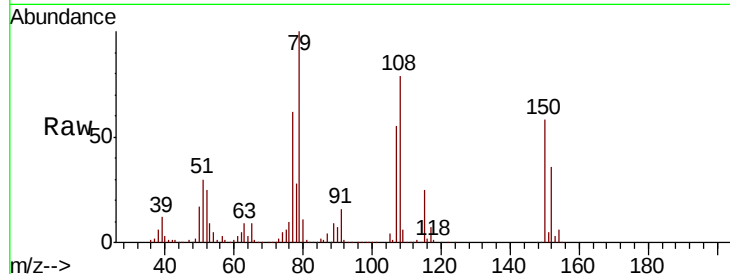
#15
Benzyl Alcohol
Concen: 49.319 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.1	60.6	90.8
77	61.7	50.2	75.2

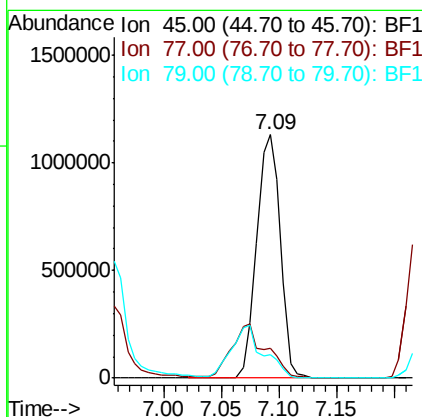
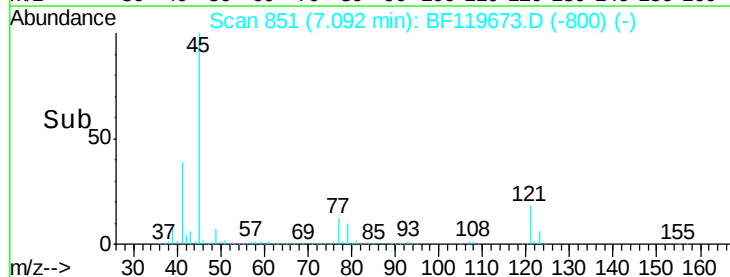
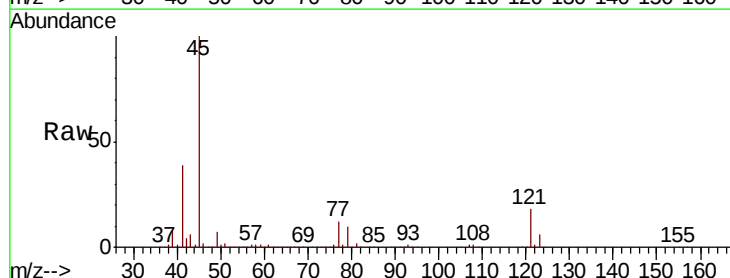
Manual Integrations
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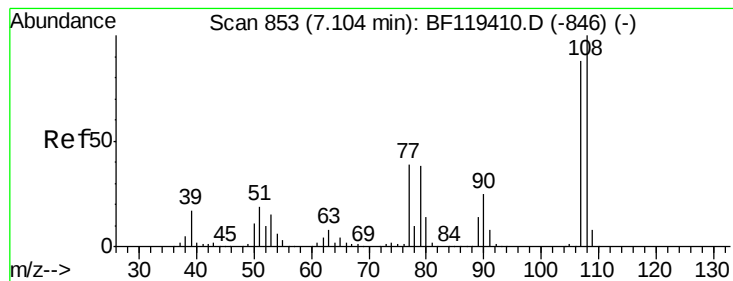
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.044 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.7
79	9.7	0.0	28.2





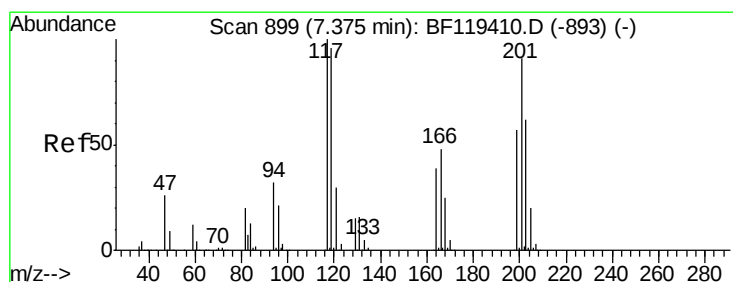
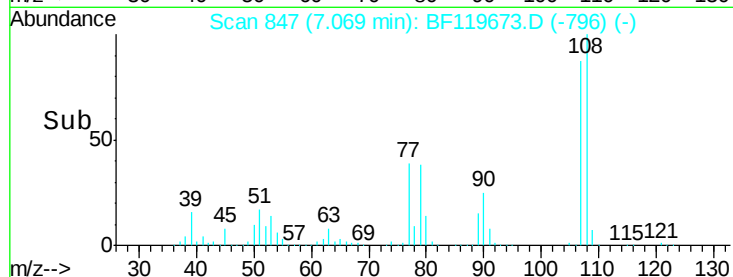
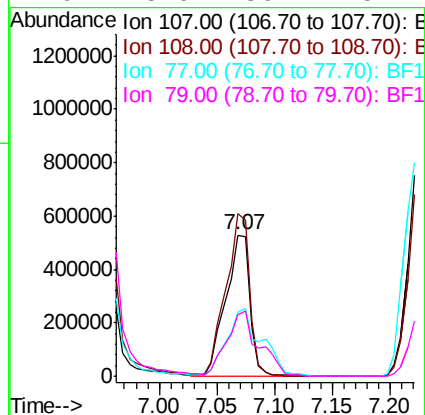
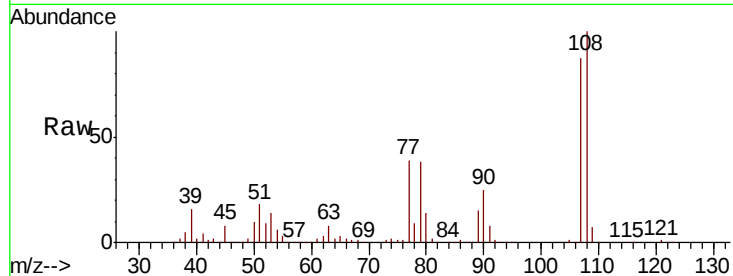
#17
2-Methylphenol
Concen: 48.797 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion:	107	Resp:	767842
Ion Ratio	Lower	Upper	
107	100		
108	115.4	92.2	138.4
77	45.4	36.6	54.8
79	43.9	36.2	54.4

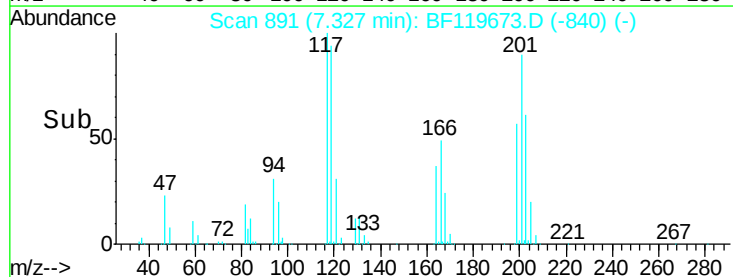
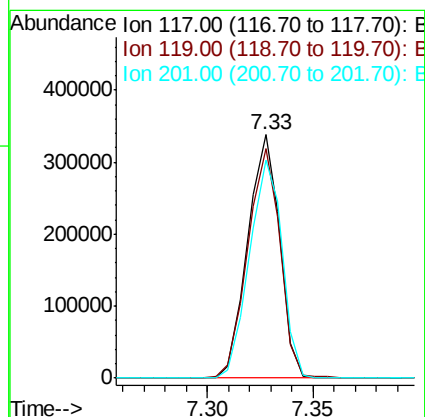
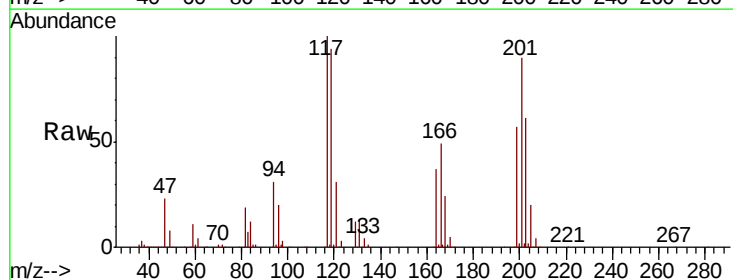
Manual Integrations
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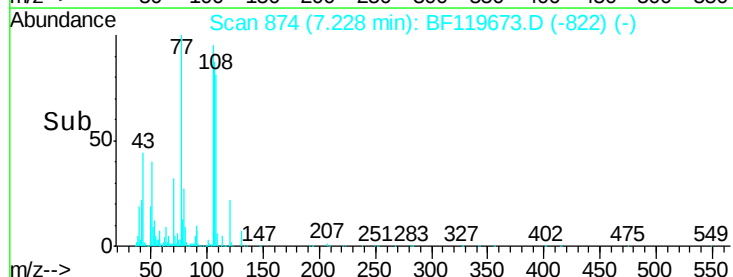
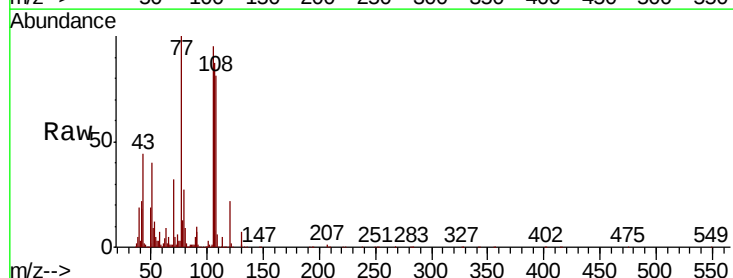
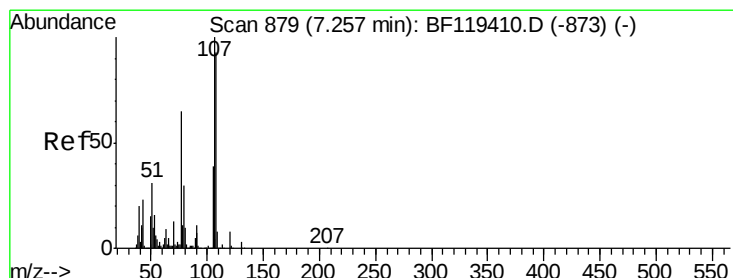
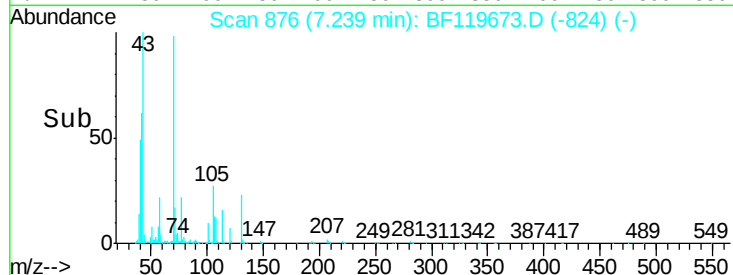
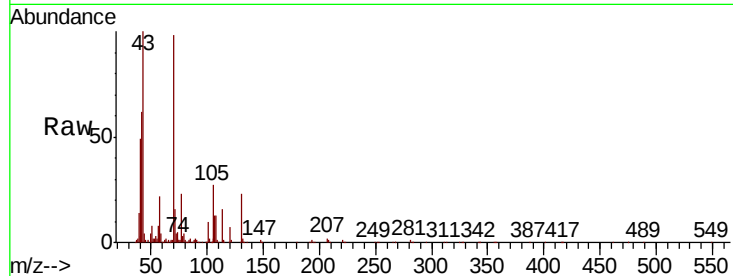
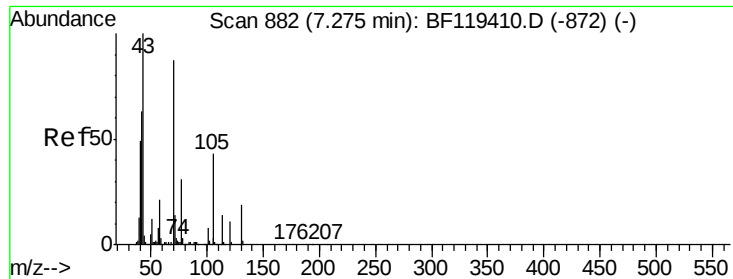
mohammad
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#18
Hexachloroethane
Concen: 51.863 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

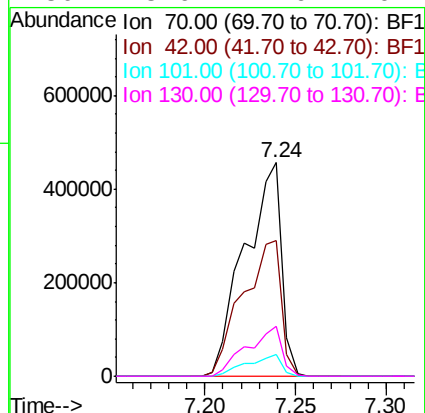
Tgt Ion:	117	Resp:	353366
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.1	114.1
201	89.5	73.0	109.6





#19
n-Nitroso-di-n-propylamine
Concen: 51.123 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	54.5	81.7	
101	9.9	7.6	11.4	
130	23.6	17.6	26.4	



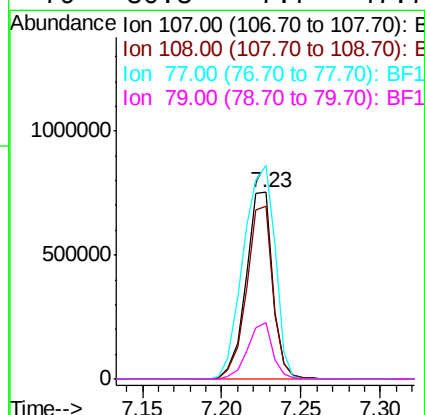
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

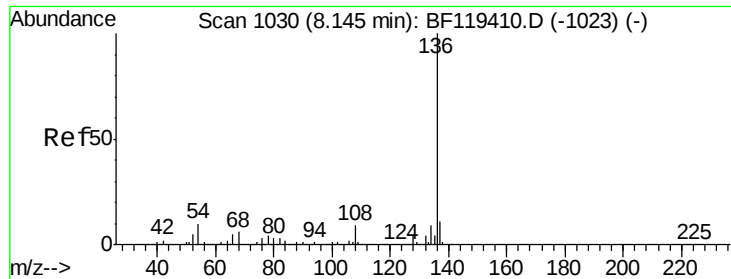
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.338 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	67.9	107.9	
77	114.3	52.9	92.9	
79	30.3	7.7	47.7	





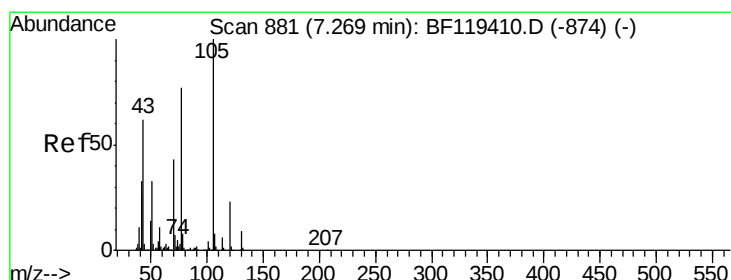
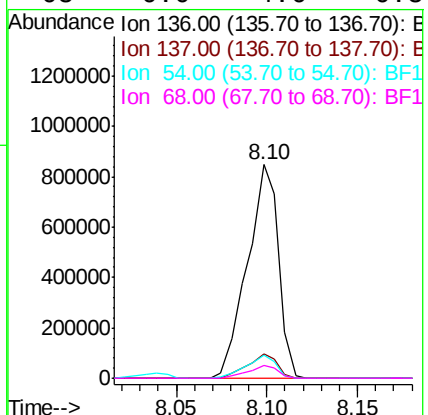
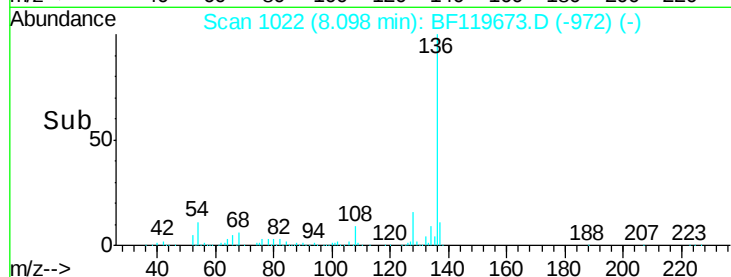
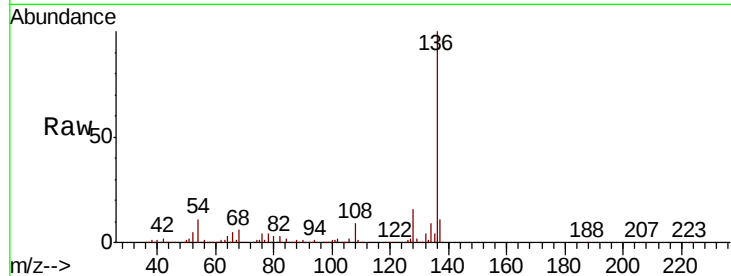
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	136	Resp	1010558
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	9.1	13.7
68	6.0	4.6	6.8

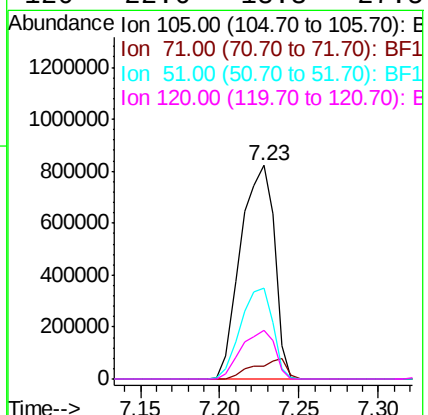
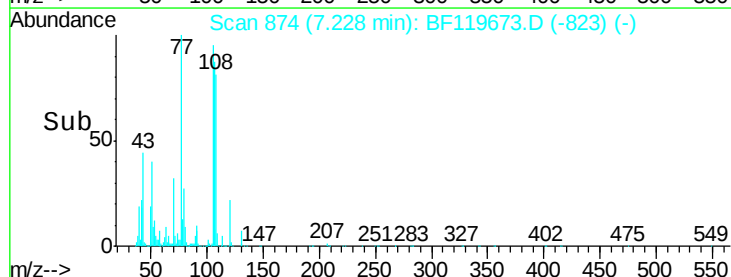
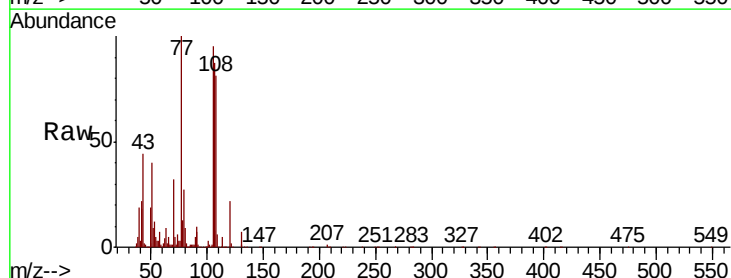
Manual Integrations
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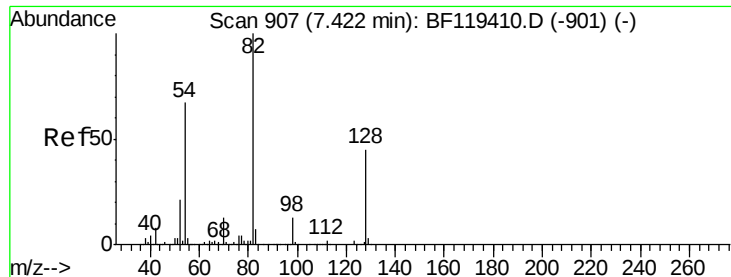
mohammad
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#22
Acetophenone
Concen: 50.477 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	105	Resp	1218865
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.7	8.5
51	42.3	26.2	39.4
120	22.6	18.3	27.5





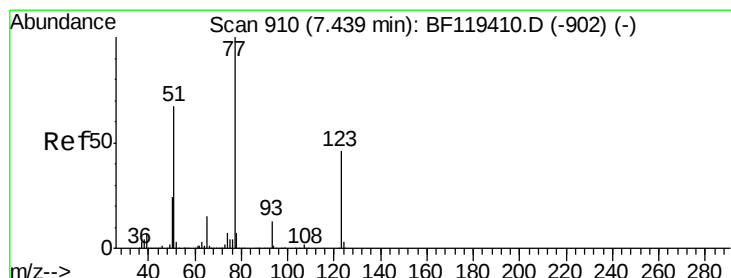
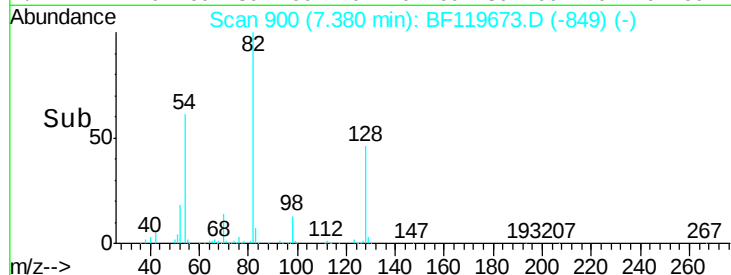
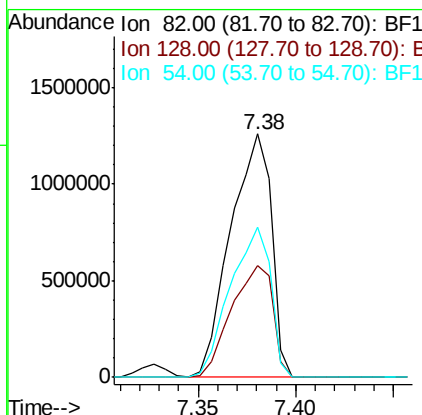
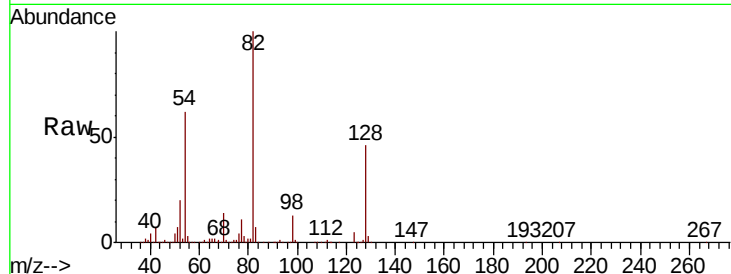
#23
 Nitrobenzene-d5
 Concen: 98.171 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion: 82 Resp: 1825417
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.3 54.5
 54 61.8 50.6 75.8

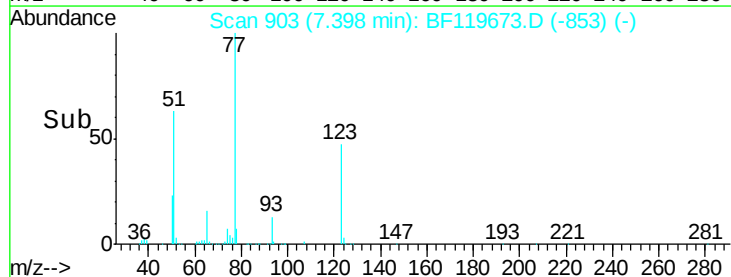
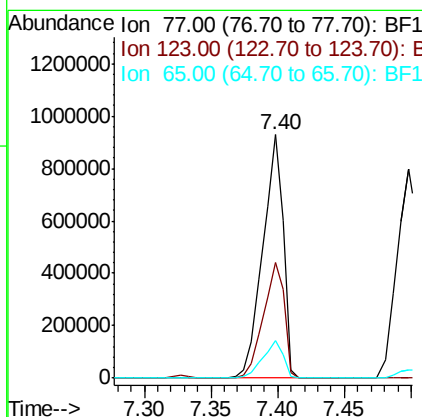
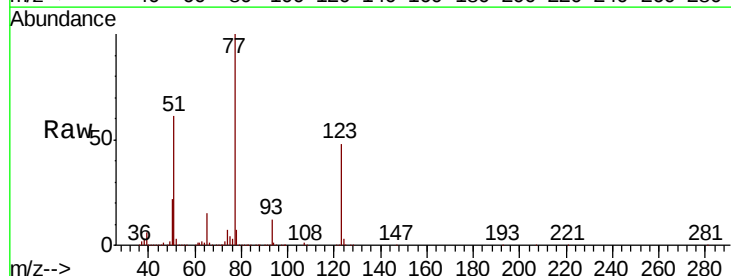
Manual Integrations
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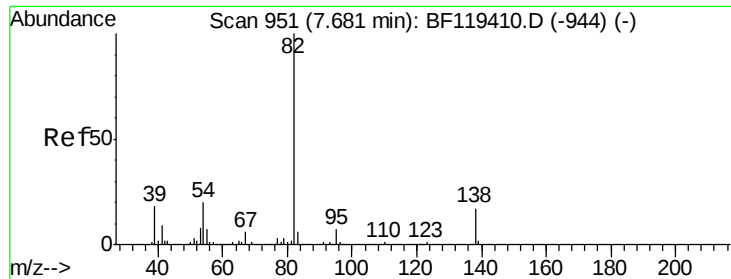
mohammad
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#24
 Nitrobenzene
 Concen: 49.392 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion: 77 Resp: 981498
 Ion Ratio Lower Upper
 77 100
 123 47.7 38.0 57.0
 65 15.3 12.6 18.8





#25

Isophorone

Concen: 49.225 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

Tot Ion: 82 Resp: 1856701

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

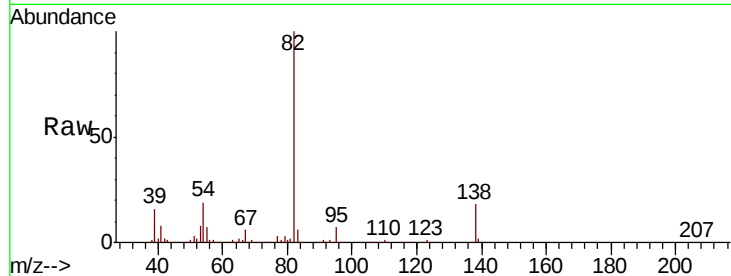
138 17.6 14.6 21.8

Manual Integrations

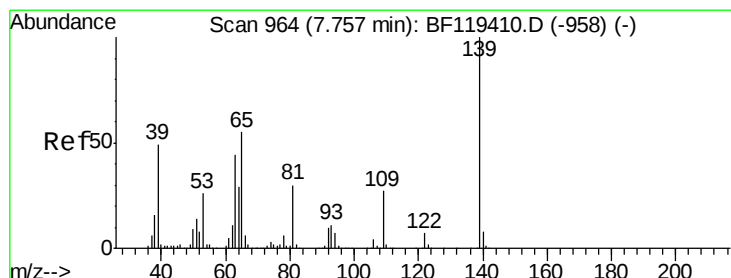
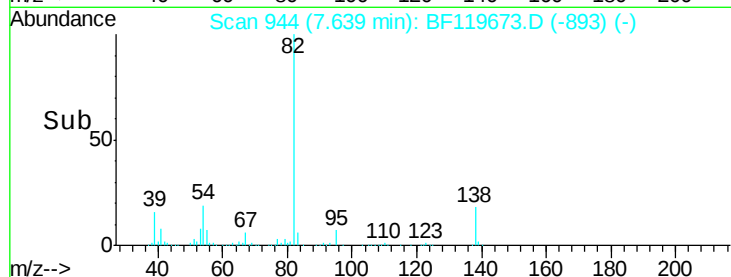
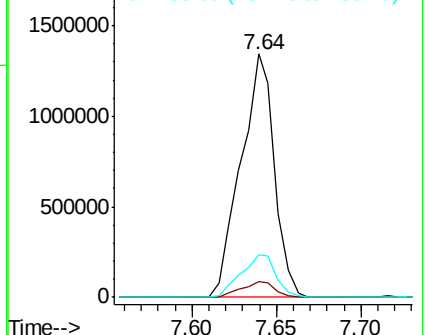
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 64.901 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

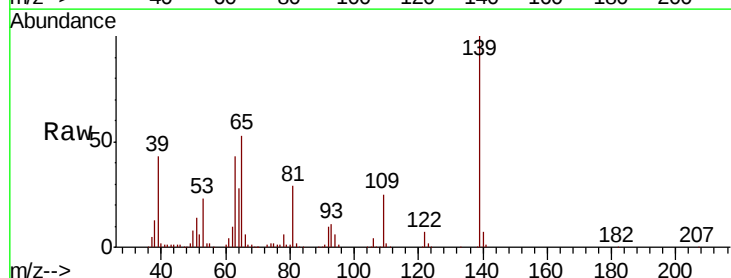
Tgt Ion: 139 Resp: 507796

Ion Ratio Lower Upper

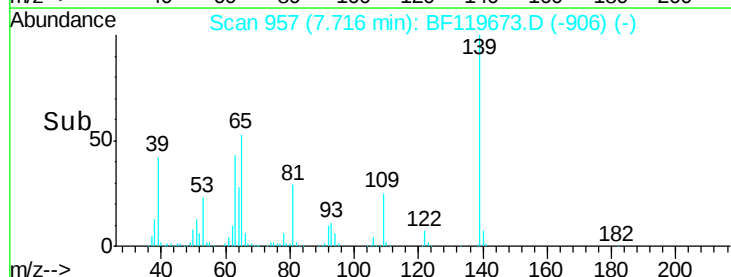
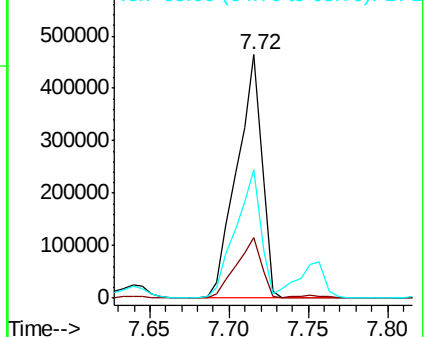
139 100

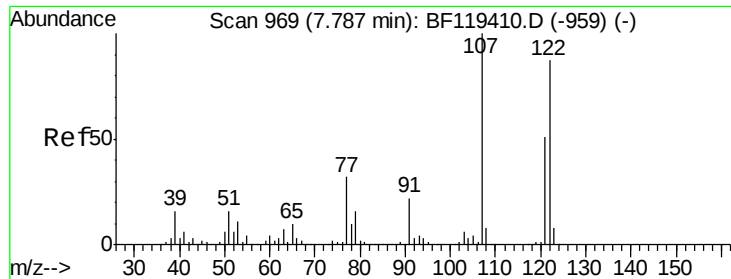
109 25.1 22.1 33.1

65 52.8 49.2 73.8



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





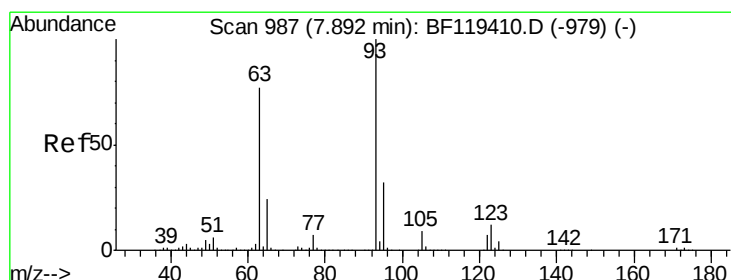
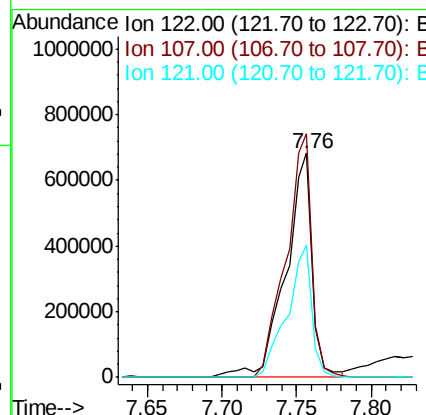
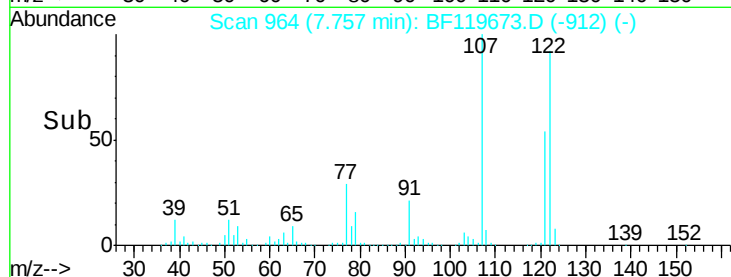
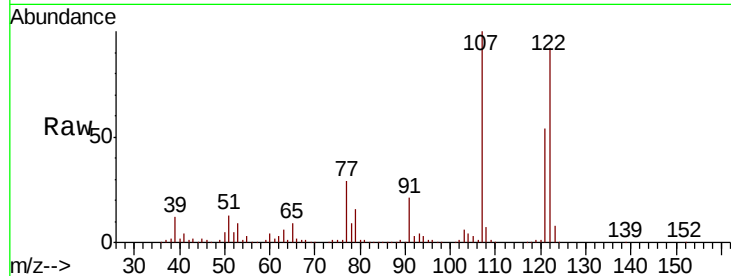
#27
2,4-Dimethylphenol
Concen: 52.449 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.7	89.0	133.6
121	59.0	46.7	70.1

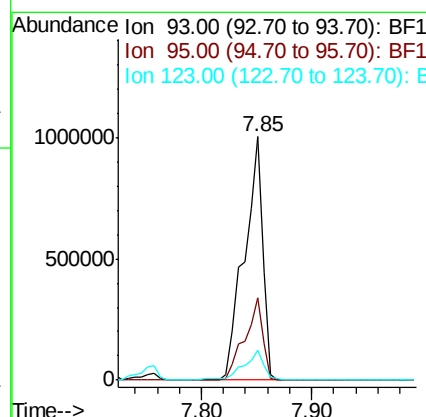
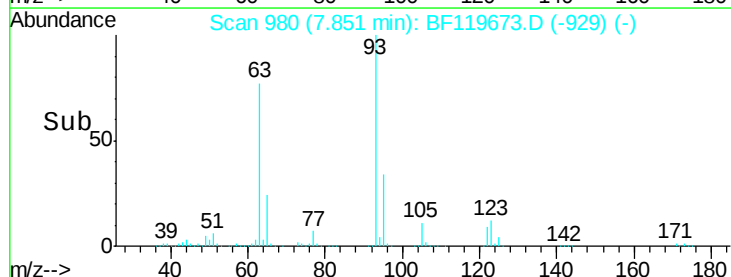
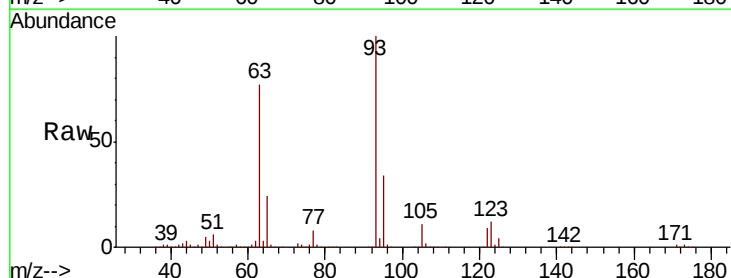
Manual Integrations
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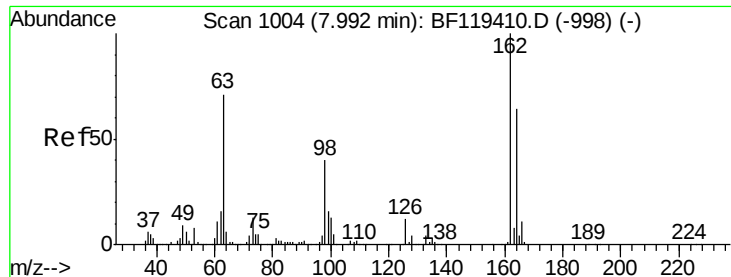
mohammad
4/3/2020 11:14:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.489 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.3	39.5
123	12.1	9.7	14.5





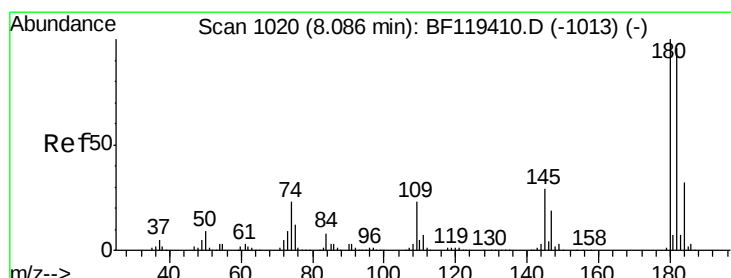
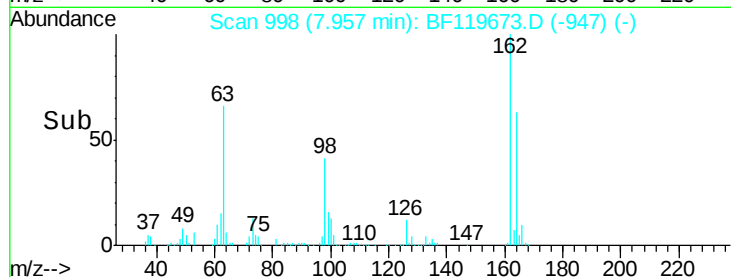
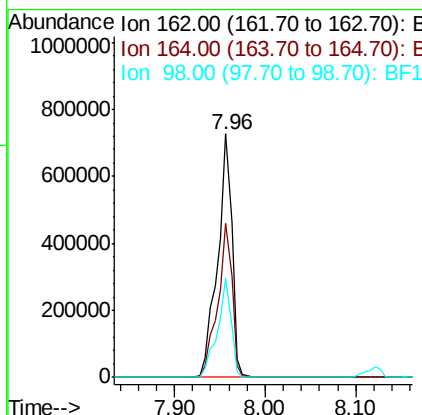
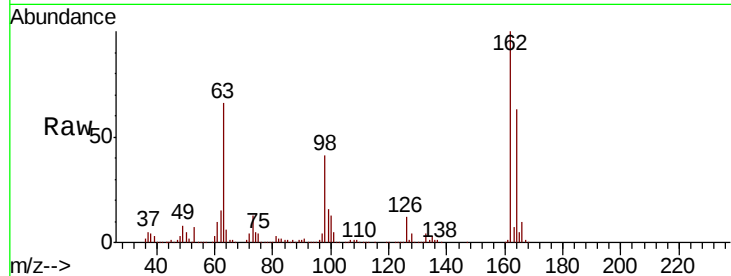
#29
2,4-Dichlorophenol
Concen: 52.908 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	786500		
164	63.3	44.7	84.7	
98	40.7	20.7	60.7	

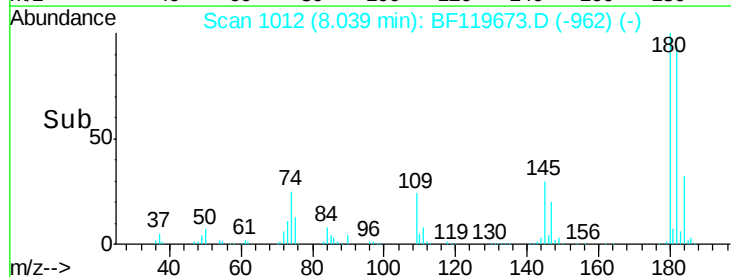
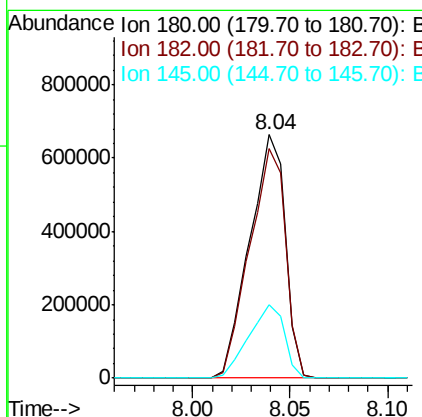
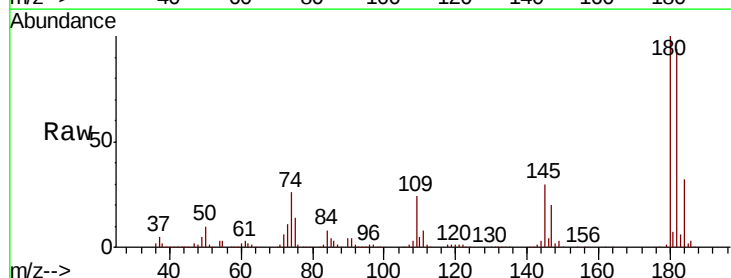
Manual Integrations
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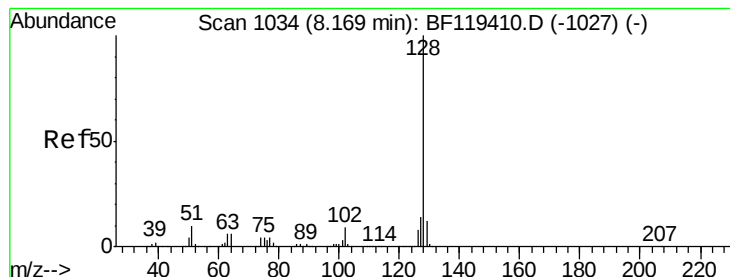
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.946 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	837533		
182	94.4	74.7	112.1	
145	30.4	24.5	36.7	





#31

Naphthalene

Concen: 52.296 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

Tot Ion:128 Resp: 2719653

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

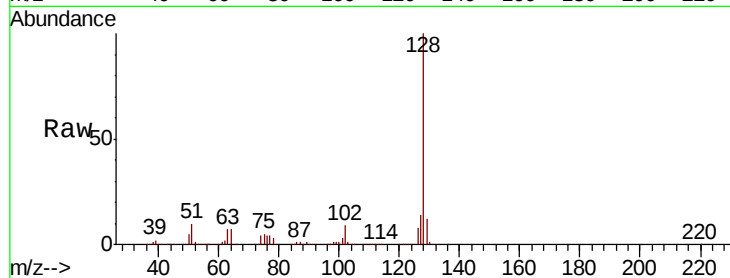
127 14.1 11.3 16.9

Manual Integrations

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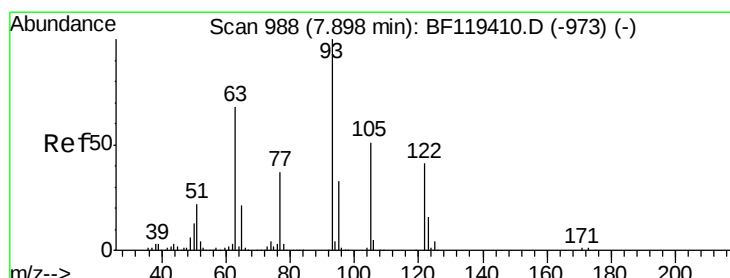
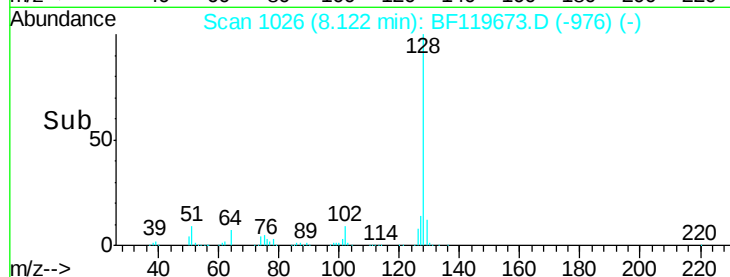
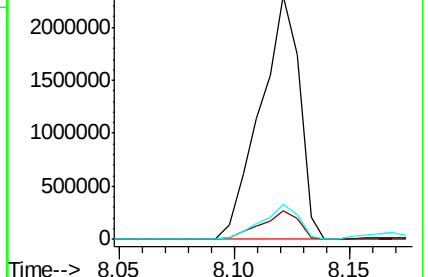
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.012 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

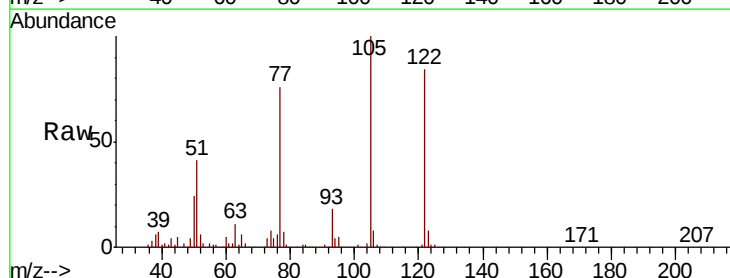
Tgt Ion:122 Resp: 353956

Ion Ratio Lower Upper

122 100

105 119.5 104.9 144.9

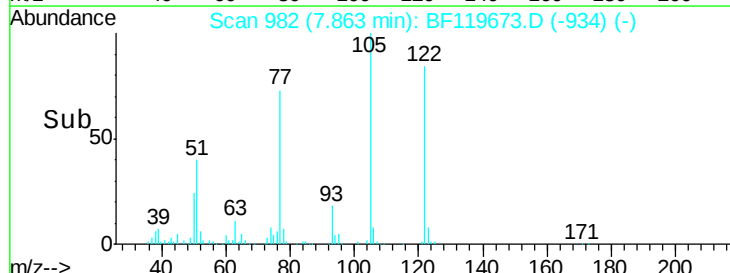
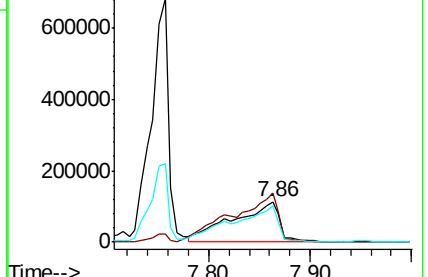
77 90.2 74.4 114.4

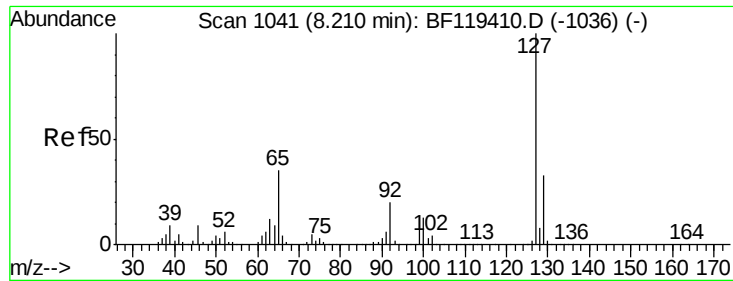


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





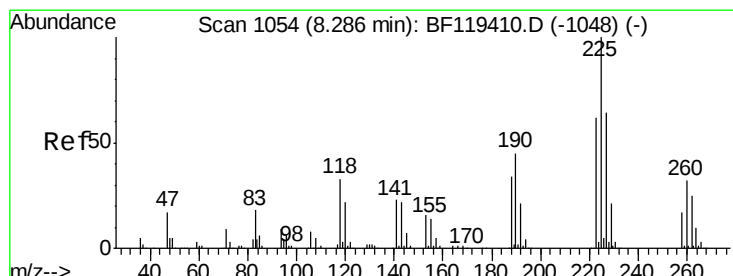
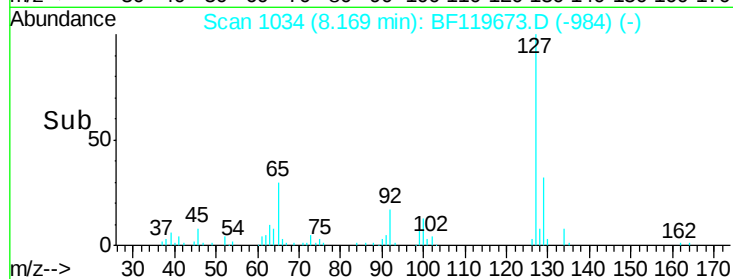
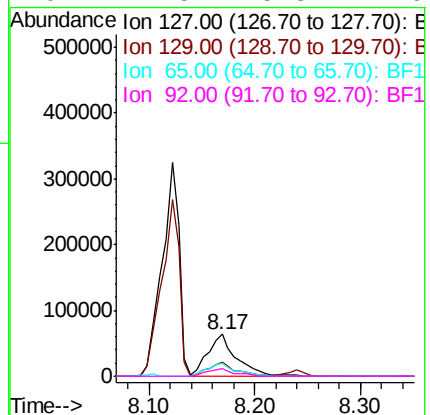
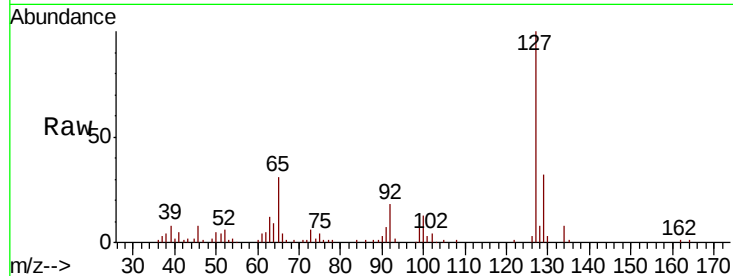
#33
4-Chloroaniline
Concen: 4.982 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	31.0	27.4	41.0		
92	17.5	15.3	22.9		

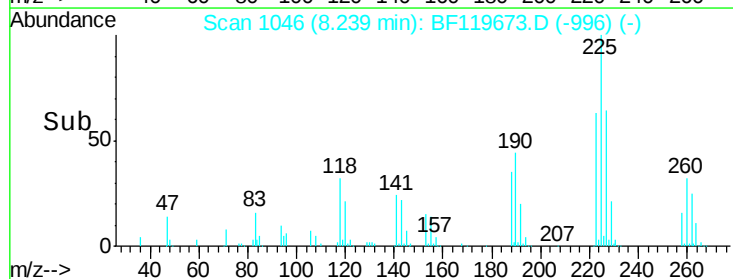
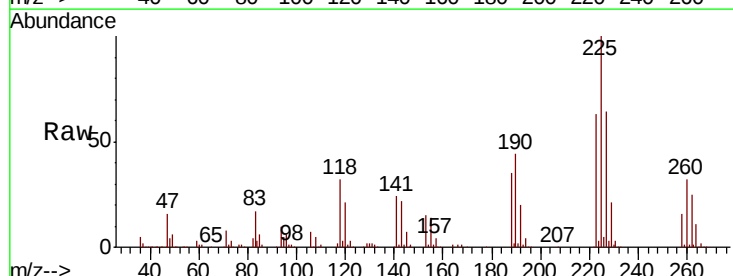
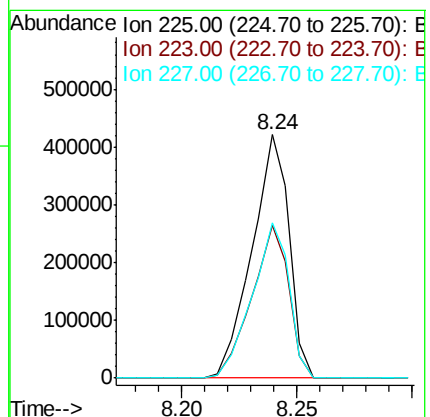
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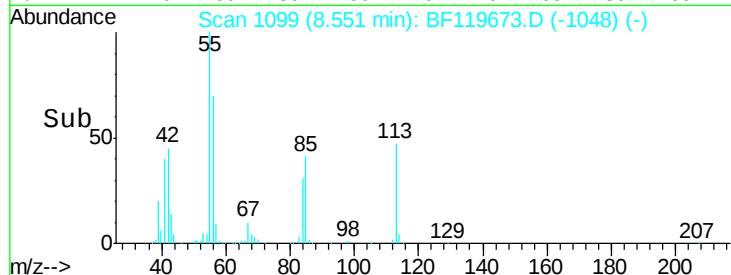
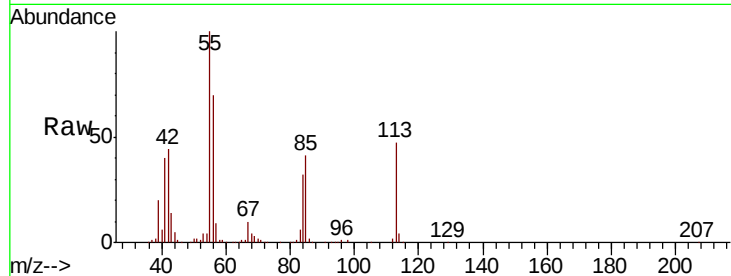
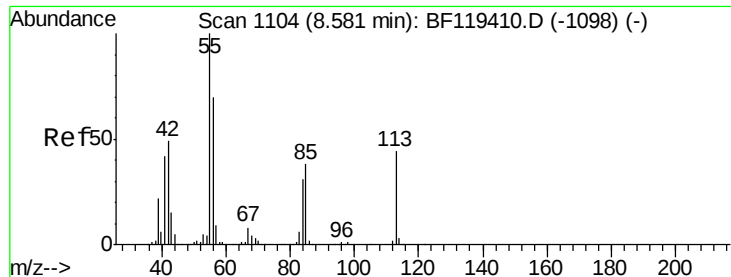
mohammad
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#34
Hexachlorobutadiene
Concen: 51.311 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.6		
227	63.8	50.7	76.1		





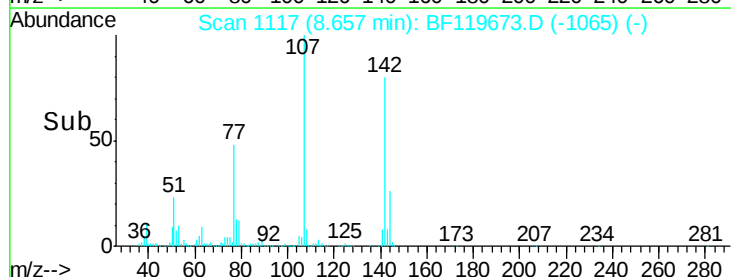
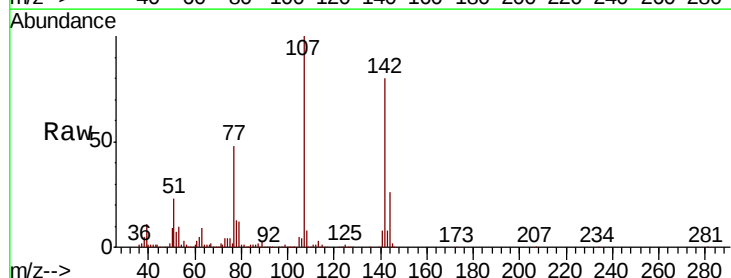
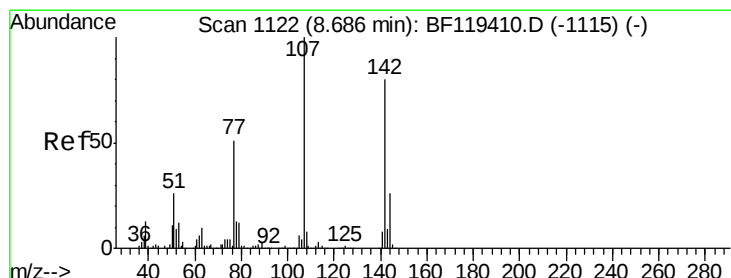
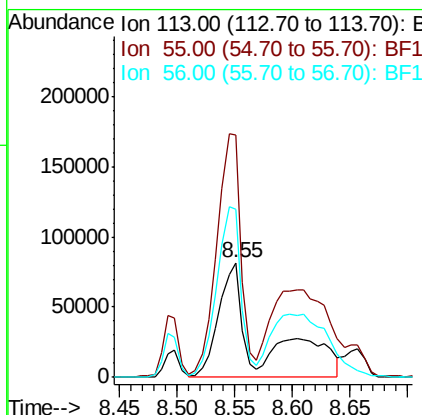
#35
Caprolactam
Concen: 42.102 ng m
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.8	218.4	258.4#
56	147.4	148.9	188.9#

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

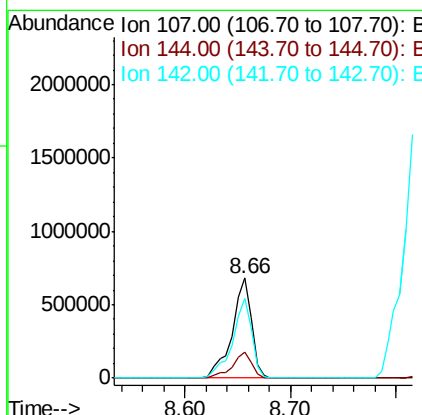
Manual Integrations
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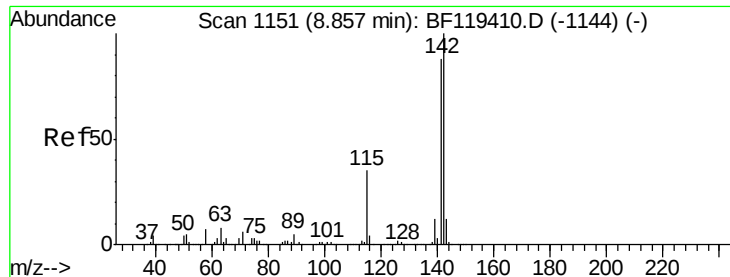
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 52.943 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.0	31.6
142	79.6	64.4	96.6





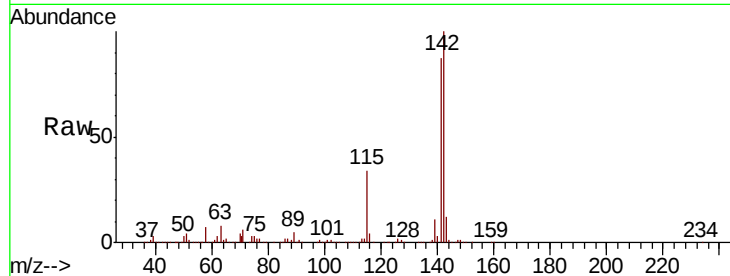
#37
2-Methylnaphthalene
Concen: 53.940 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.7	107.5
115	34.1	27.9	41.9

Manual Integrations
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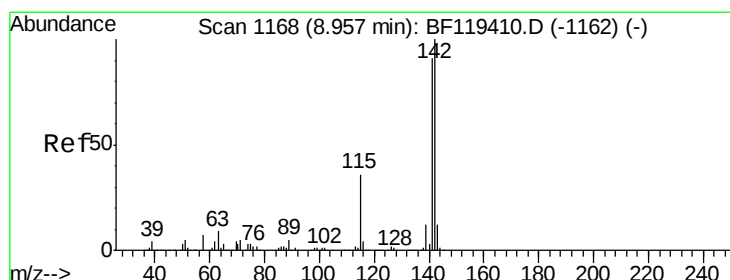
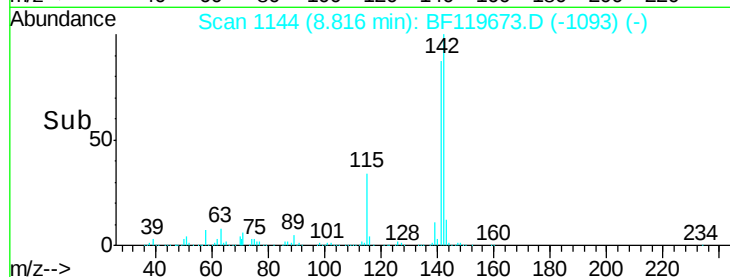
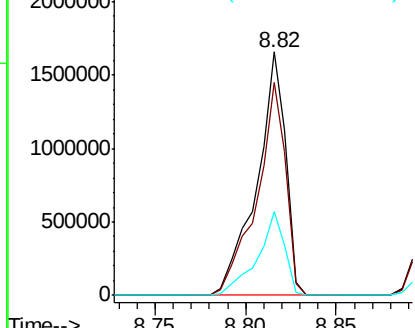


Abundance

Ion 142.00 (141.70 to 142.70): E

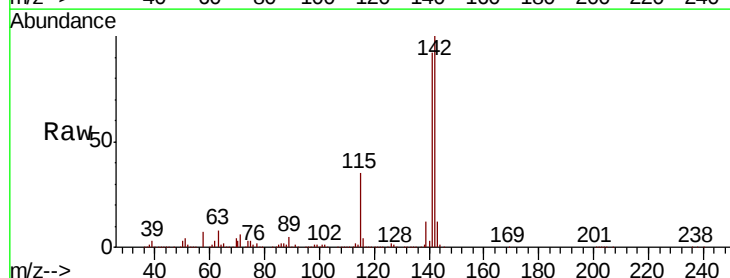
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 53.598 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.6	3.0	4.6

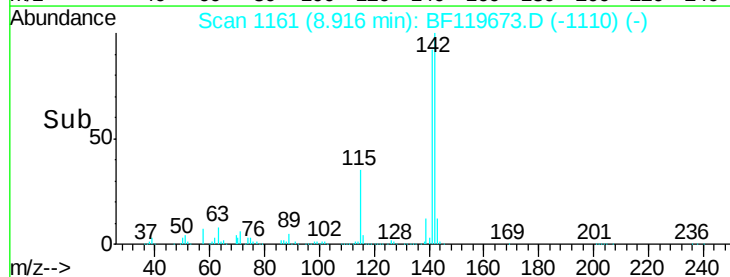
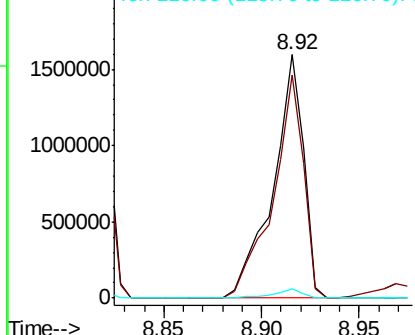


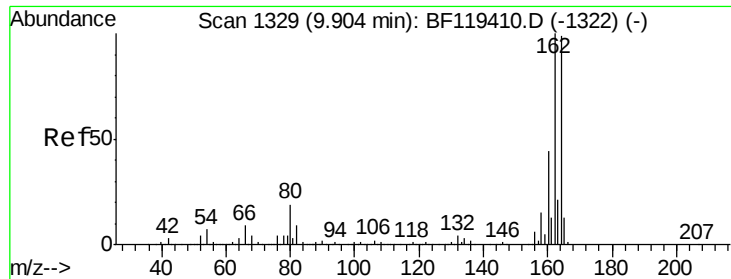
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





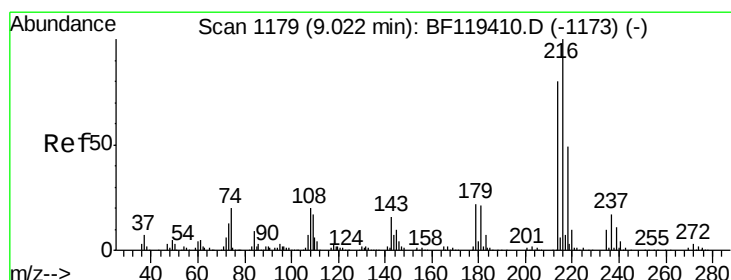
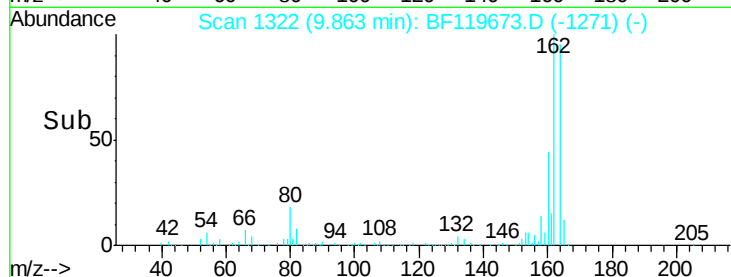
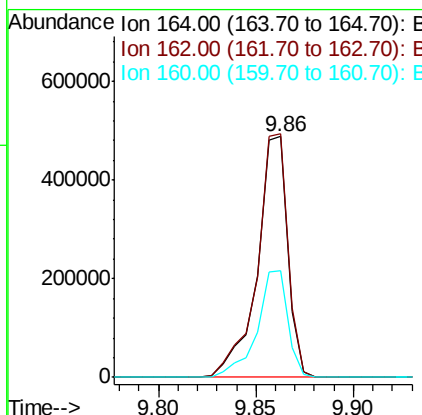
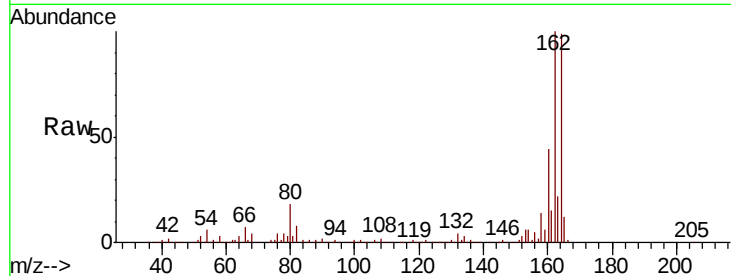
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	80.6	121.0	
160	44.3	35.7	53.5	

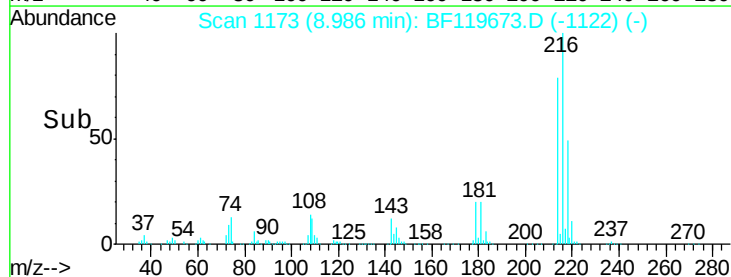
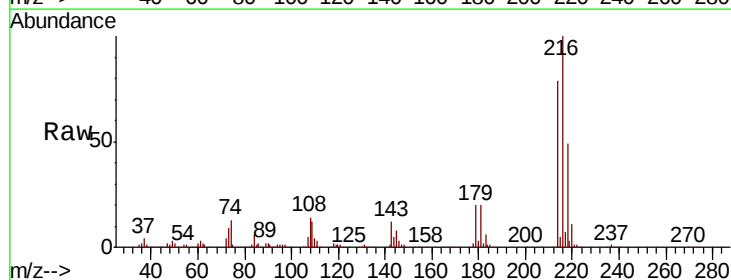
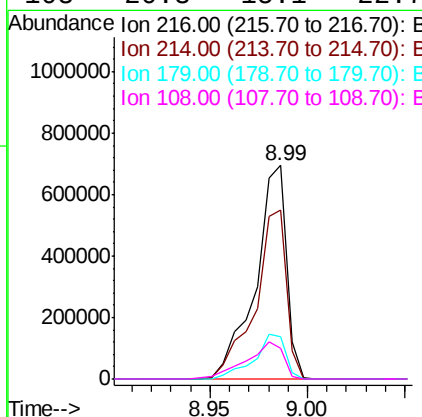
Manual Integrations
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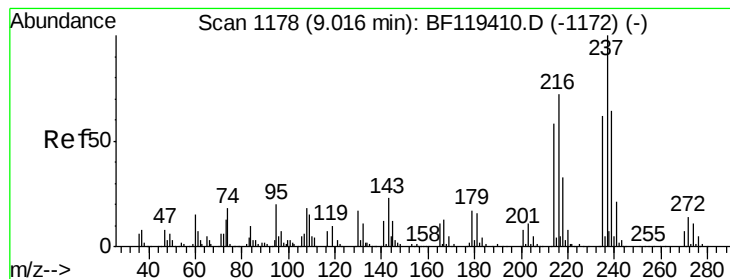
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.477 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.2	94.8	
179	21.0	17.1	25.7	
108	20.3	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 100.942 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

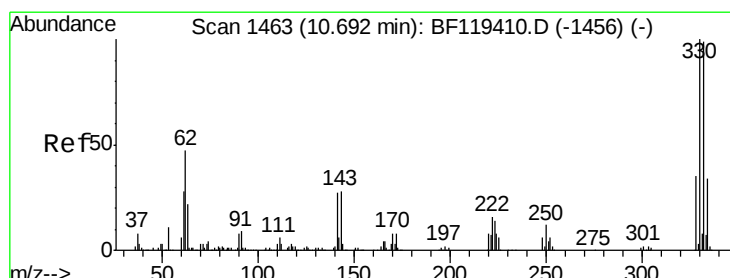
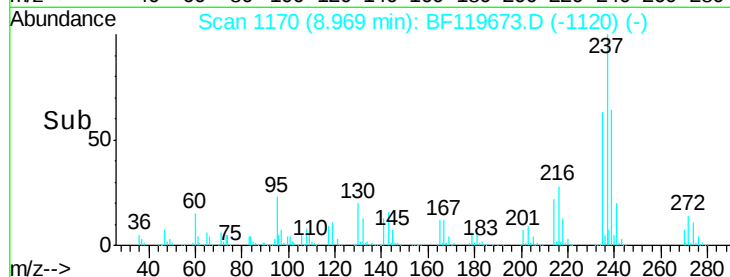
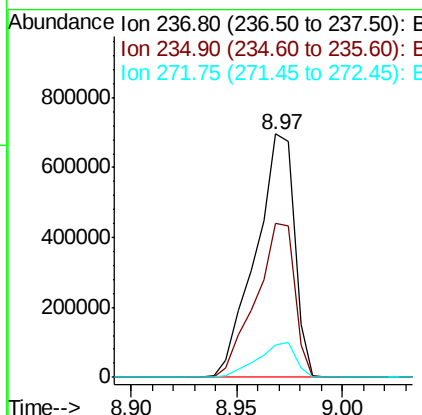
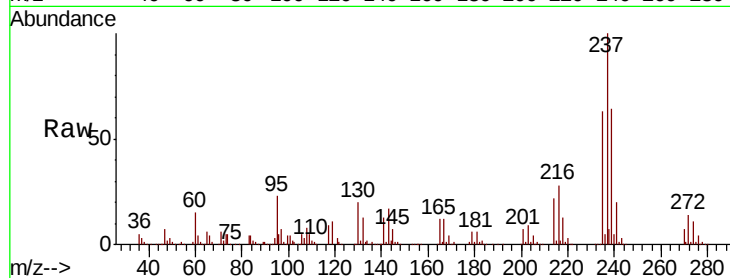
ClientSampleId :

TR-04-032720MS

Tot Ion:	237	Resp:	890279
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.2	83.2
272	13.5	0.0	34.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 155.168 ng

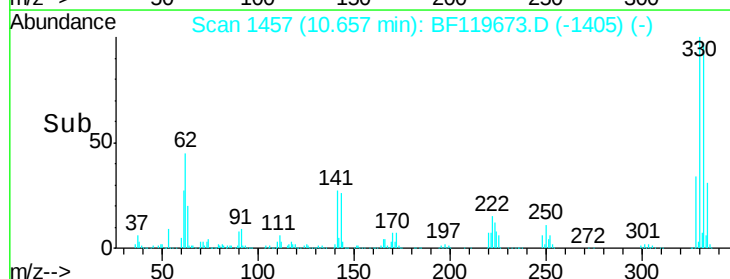
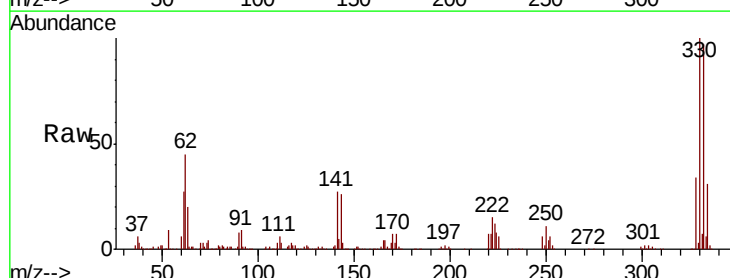
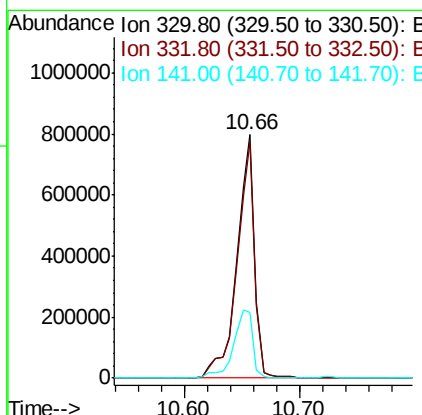
RT: 10.66 min Scan# 1457

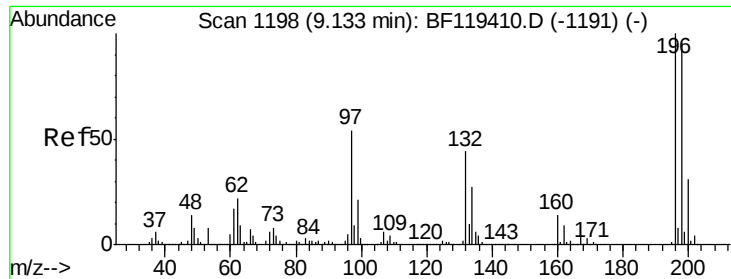
Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:	330	Resp:	847275
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.7	113.5
141	30.8	25.4	38.0





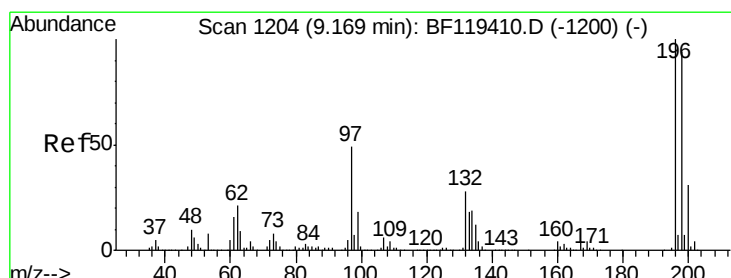
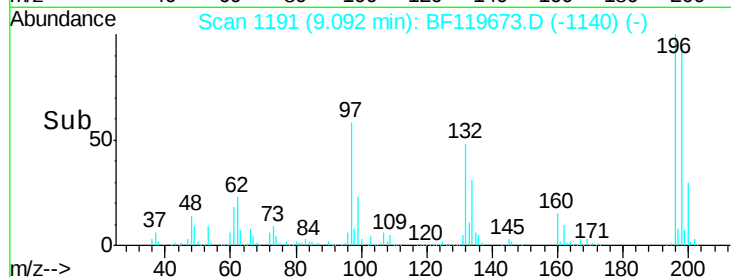
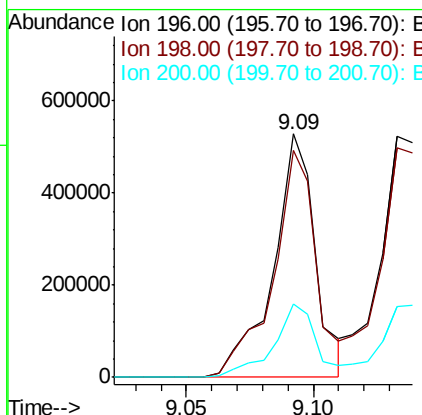
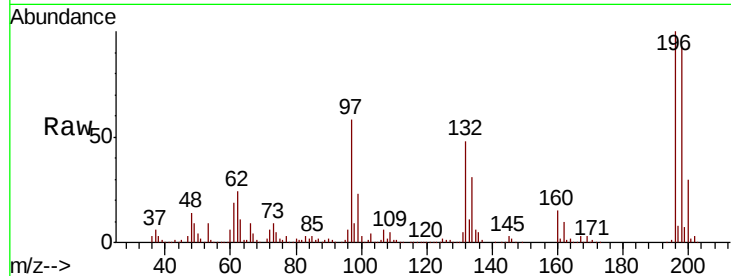
#43
 2,4,6-Trichlorophenol
 Concen: 55.276 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	613667		
198	93.4	76.6	115.0	
200	30.1	24.6	36.8	

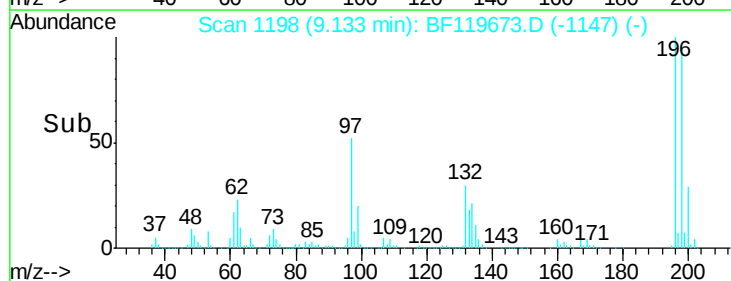
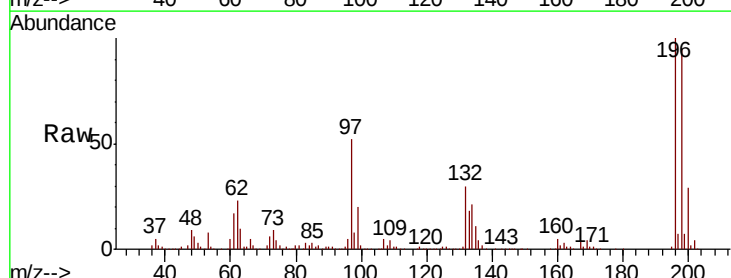
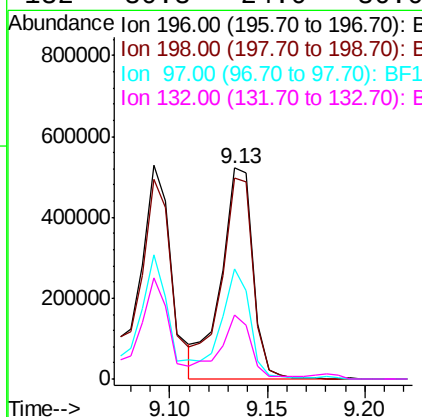
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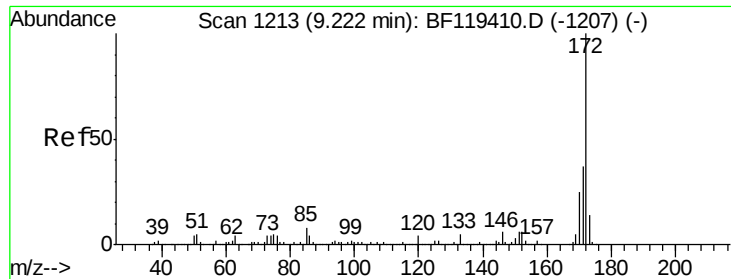
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#44
 2,4,5-Trichlorophenol
 Concen: 47.709 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	593343		
198	95.2	73.8	110.8	
97	52.3	42.6	63.8	
132	30.3	24.0	36.0	





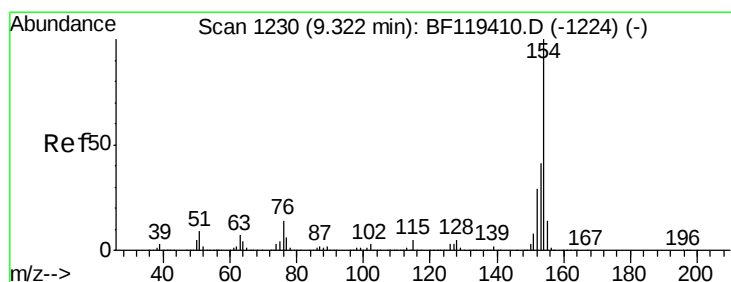
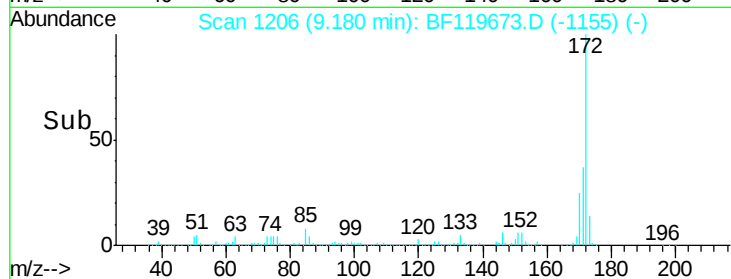
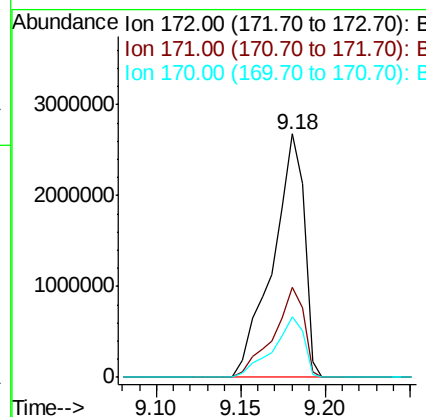
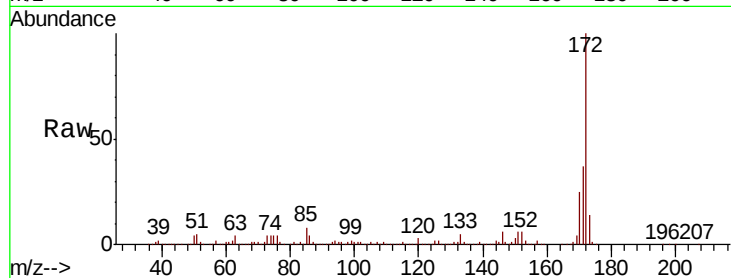
#45
2-Fluorobiphenyl
Concen: 96.018 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.9	20.2	30.2

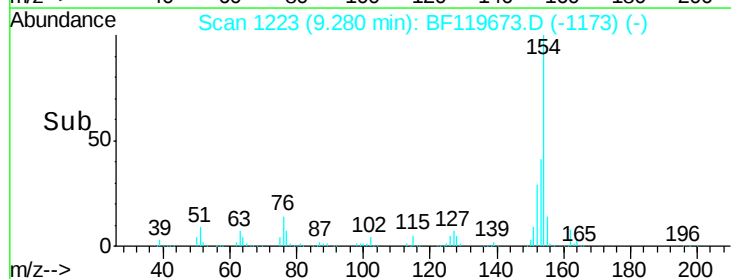
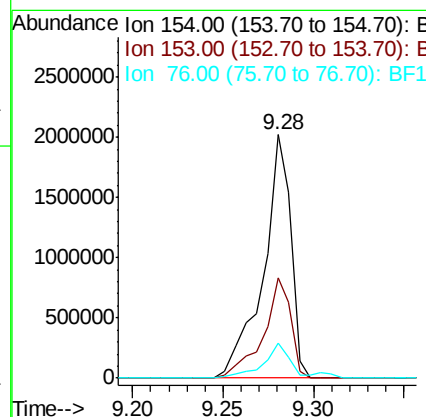
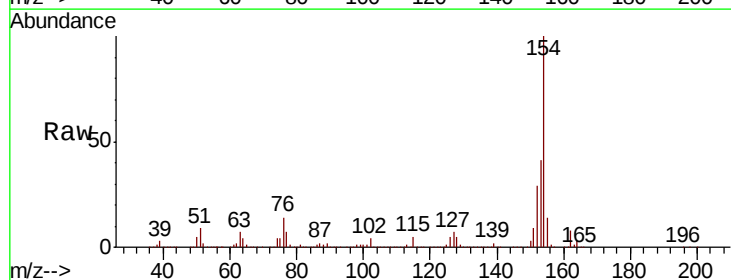
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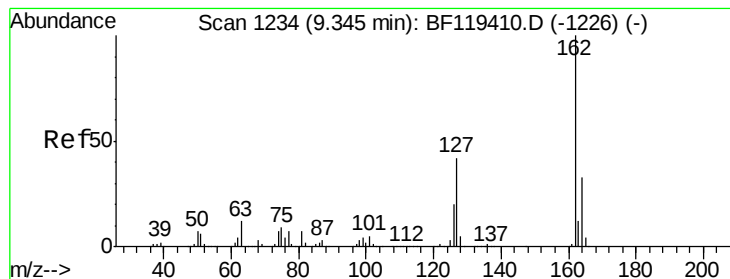
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#46
1,1'-Biphenyl
Concen: 49.780 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	14.3	0.0	33.0





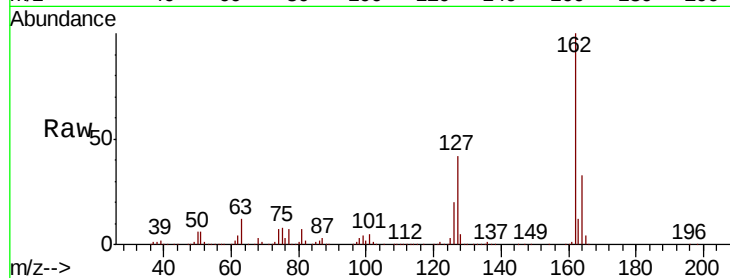
#47
 2-Chloronaphthalene
 Concen: 49.848 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

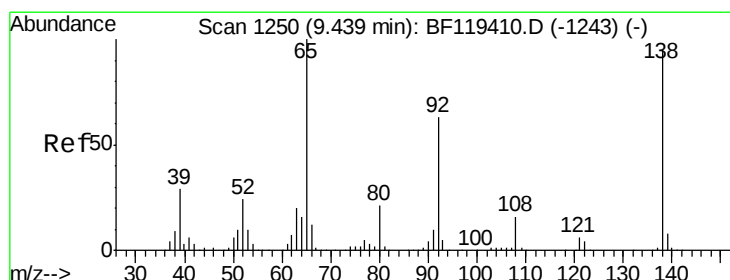
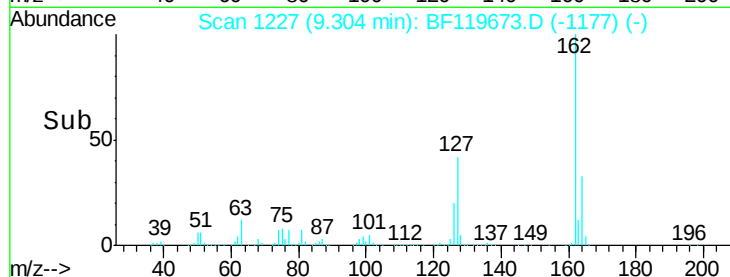
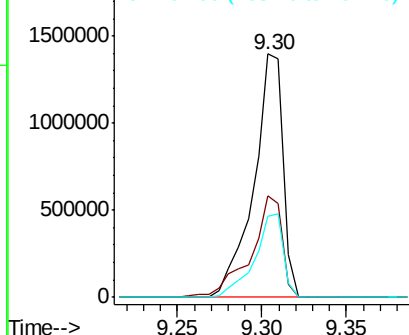
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.7	50.5
164	33.3	26.3	39.5

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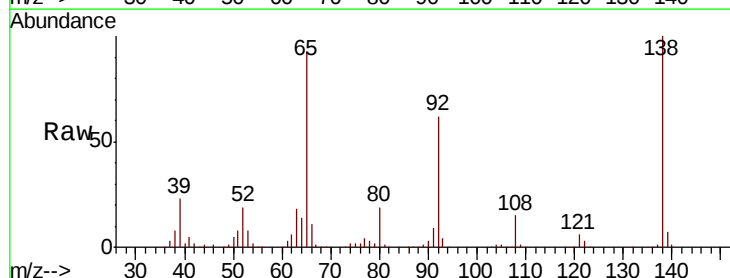


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

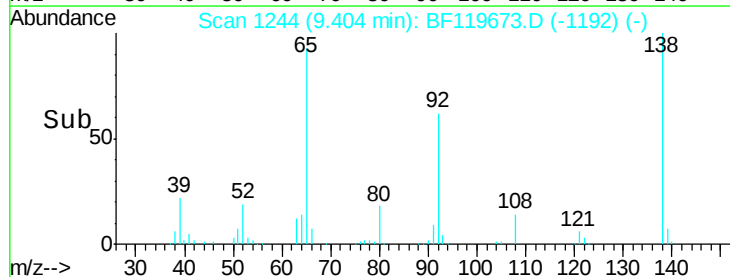
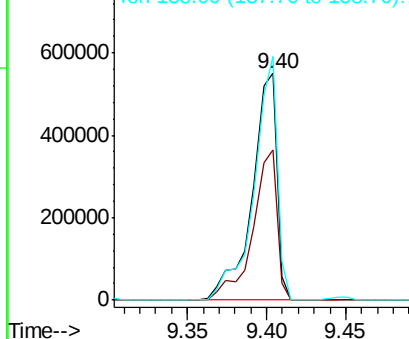


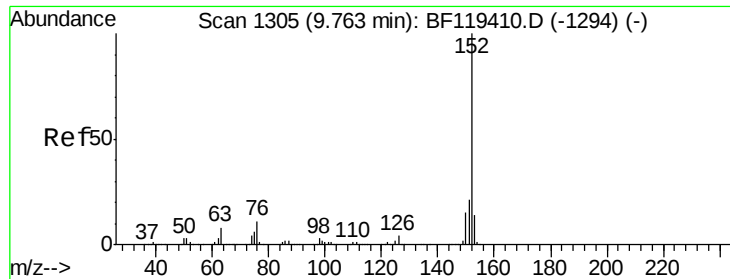
#48
 2-Nitroaniline
 Concen: 51.778 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	50.0	75.0
138	107.3	75.0	112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





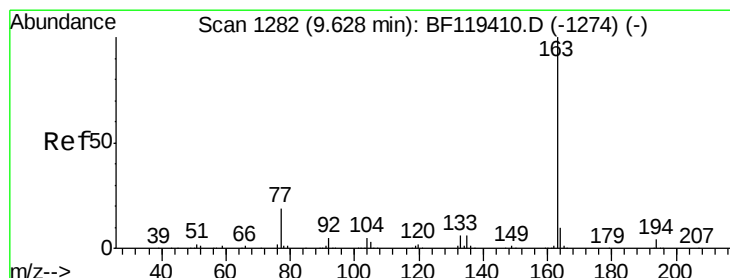
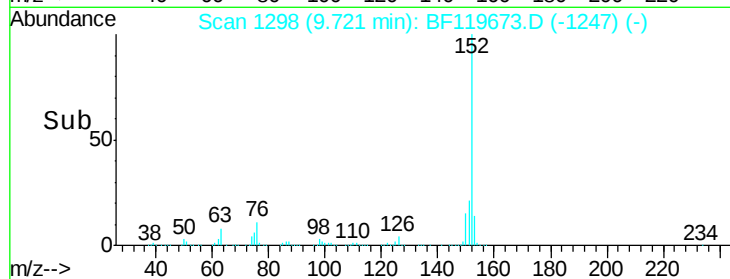
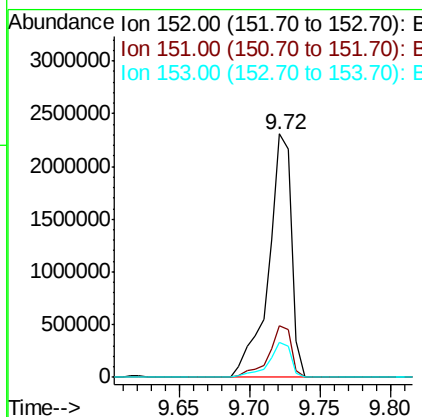
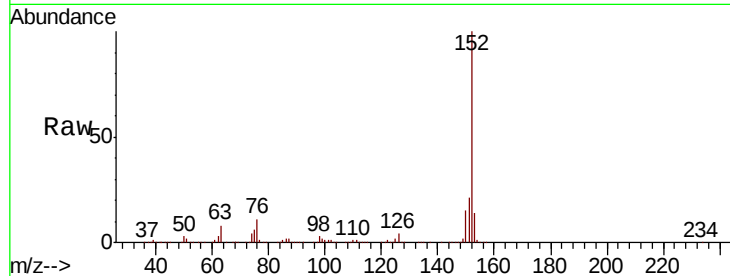
#49
Acenaphthylene
Concen: 49.767 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.1	11.2	16.8

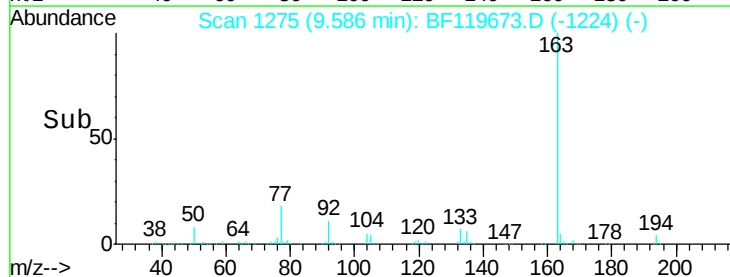
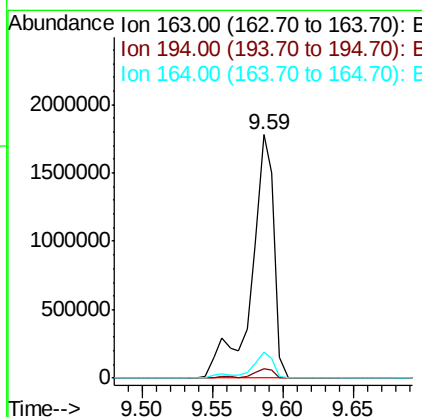
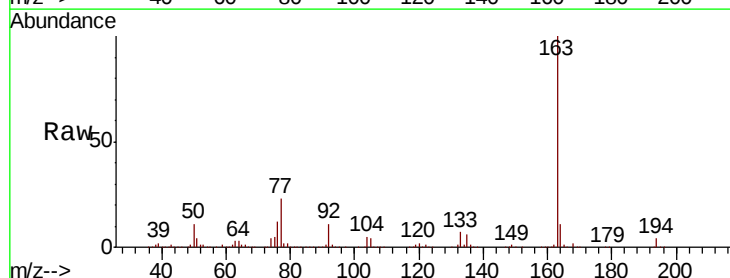
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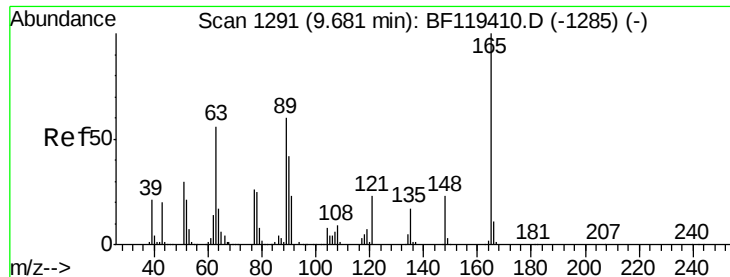
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#50
Dimethylphthalate
Concen: 53.105 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.7	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 56.312 ng

RT: 9.64 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

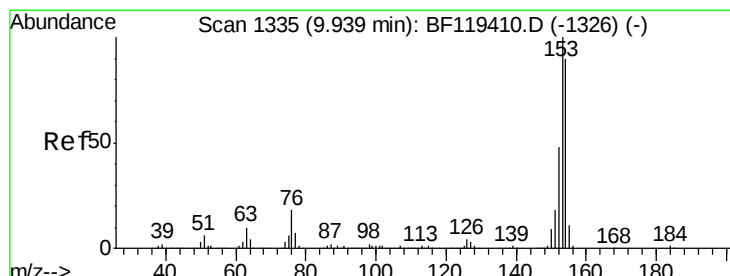
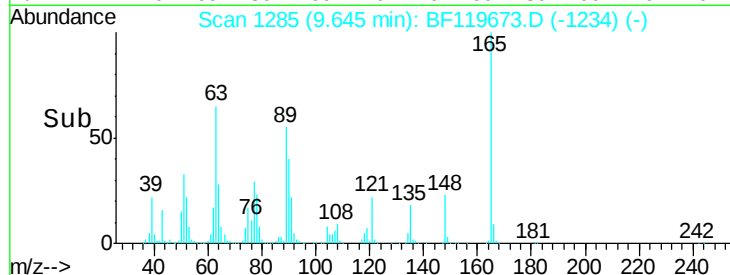
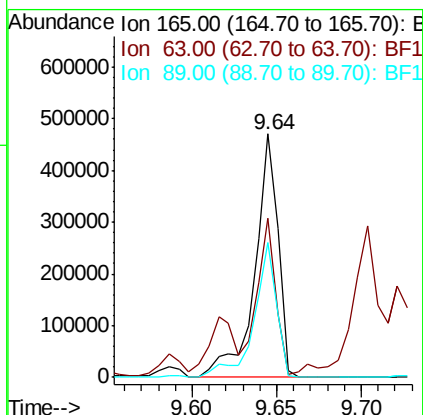
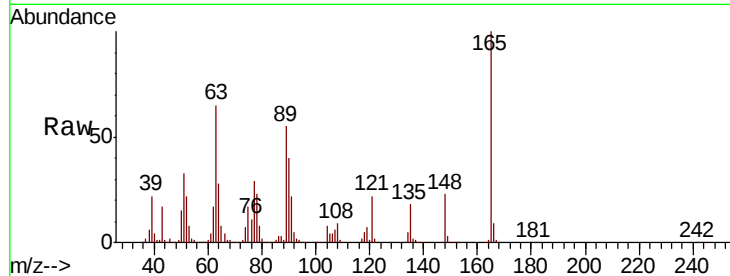
ClientSampleId :

TR-04-032720MS

Tot Ion:	165	Resp:	453779
Ion Ratio	Lower	Upper	
165	100		
63	65.1	45.0	67.4
89	55.3	41.5	62.3

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#52

Acenaphthene

Concen: 52.968 ng

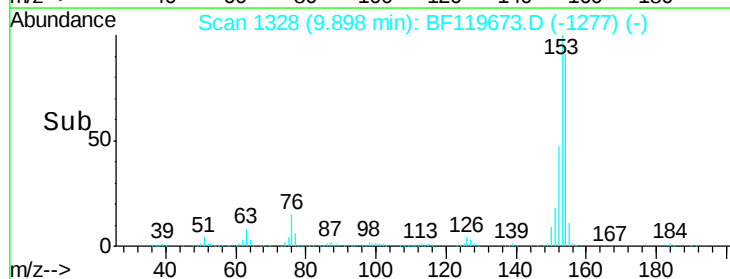
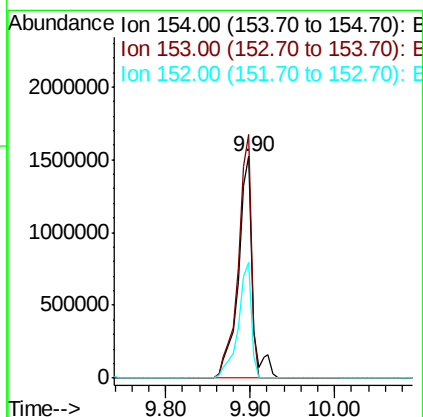
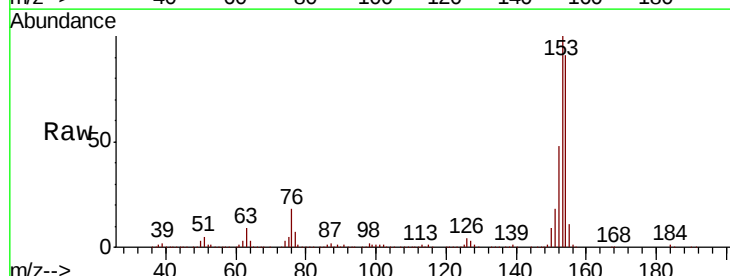
RT: 9.90 min Scan# 1328

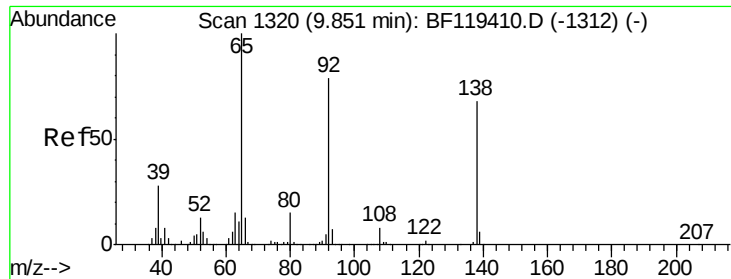
Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:	154	Resp:	1750953
Ion Ratio	Lower	Upper	
154	100		
153	109.9	88.1	132.1
152	52.3	43.0	64.4





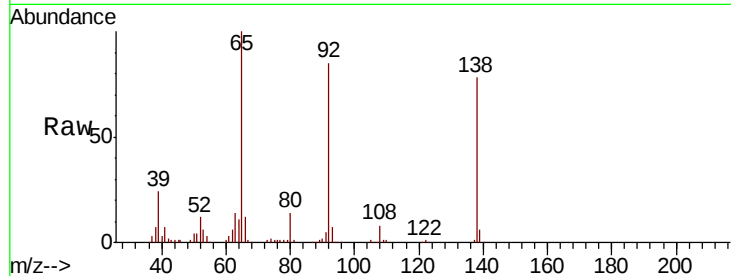
#53
3-Nitroaniline
Concen: 12.879 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

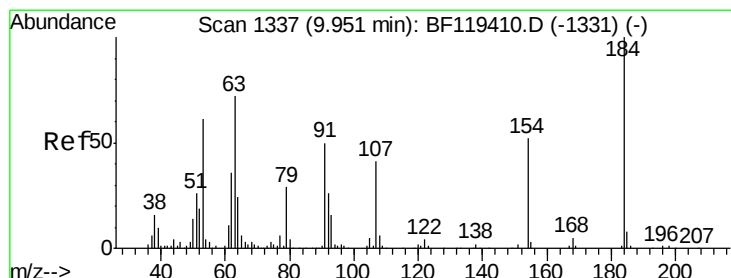
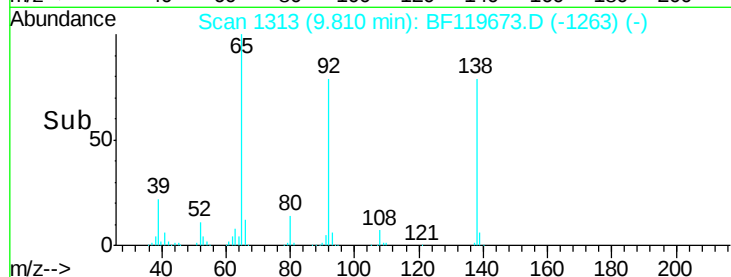
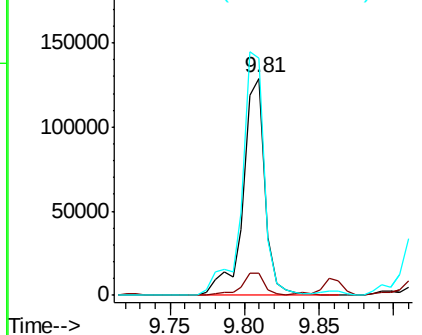
Tot Ion	Ratio	Resp	Lower	Upper
138	100	131024		
108	10.0	8.6	13.0	
92	109.5	95.4	143.0	

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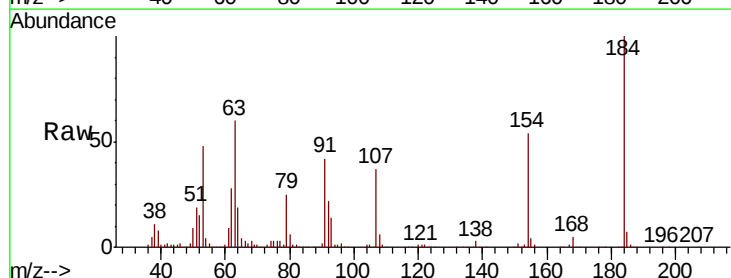


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

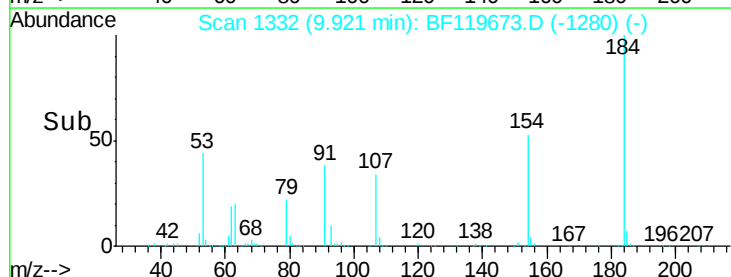
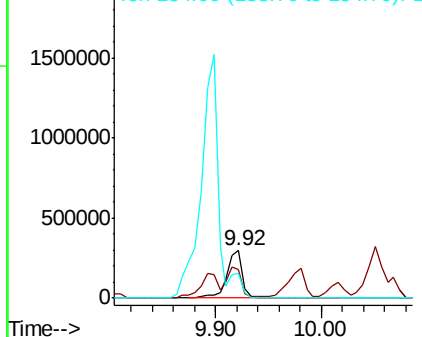


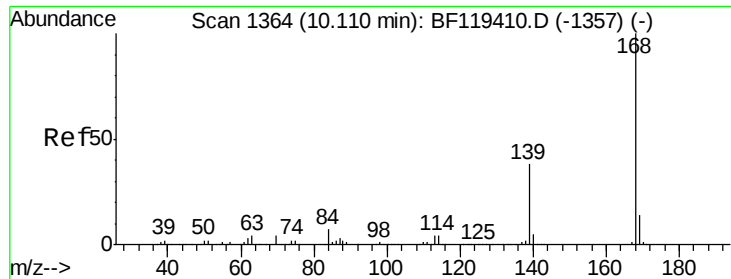
#54
2,4-Dinitrophenol
Concen: 85.896 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	301560		
63	59.6	50.2	75.4	
154	53.6	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





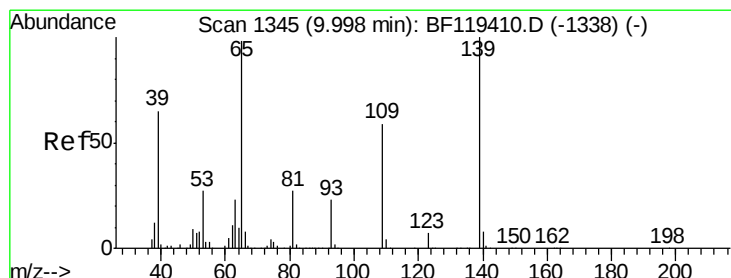
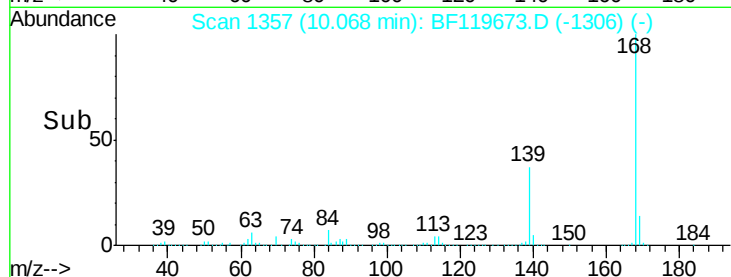
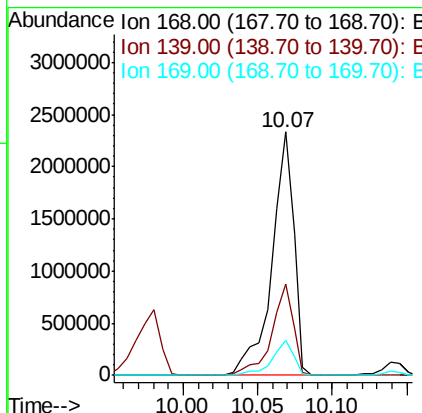
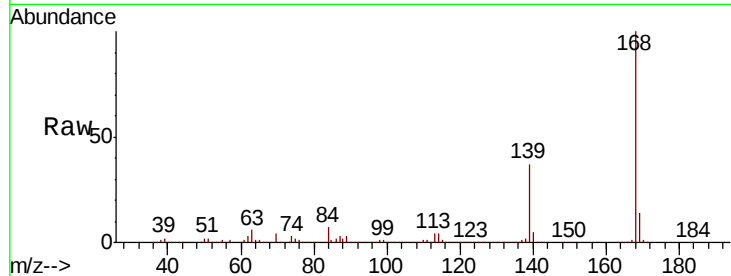
#55
Dibenzofuran
Concen: 50.448 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	14.3	11.0	16.6

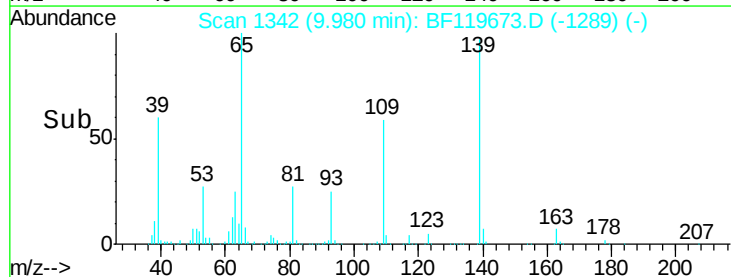
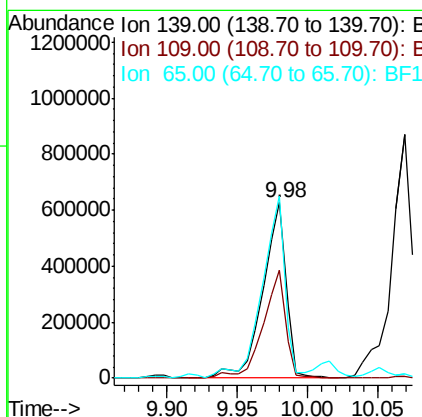
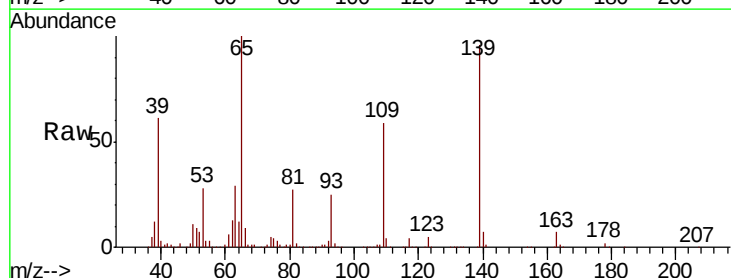
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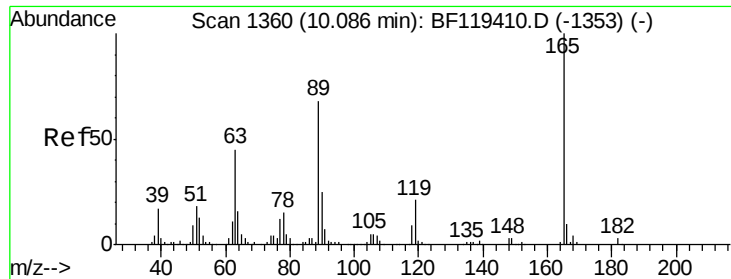
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#56
4-Nitrophenol
Concen: 90.815 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.3	43.3	83.3
65	103.7	91.0	131.0





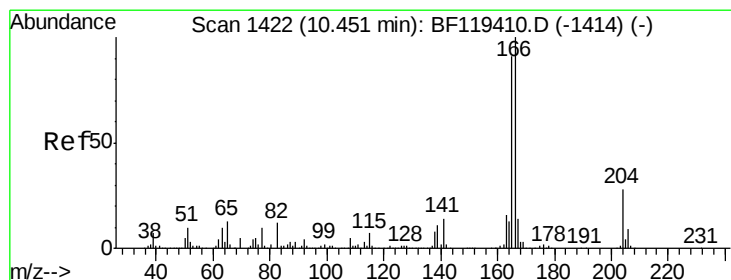
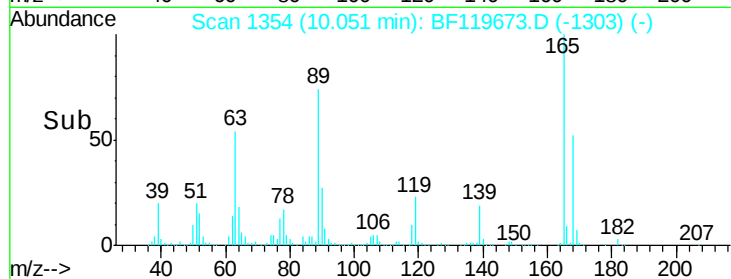
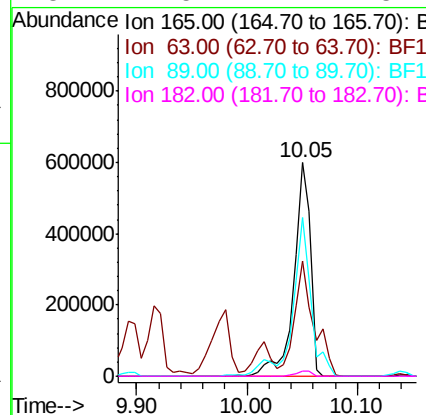
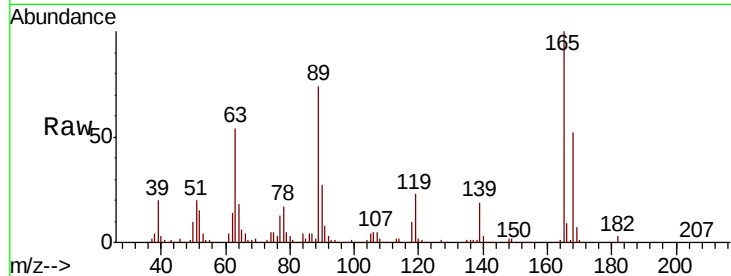
#57
 2,4-Dinitrotoluene
 Concen: 60.491 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion:	165	Resp:	614061
Ion Ratio	Lower	Upper	
165	100		
63	53.7	42.6	64.0
89	74.2	61.0	91.4
182	2.5	2.2	3.2

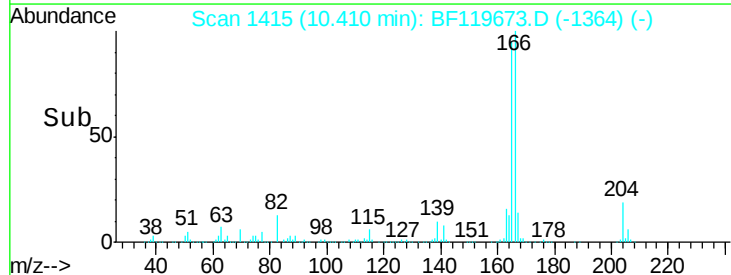
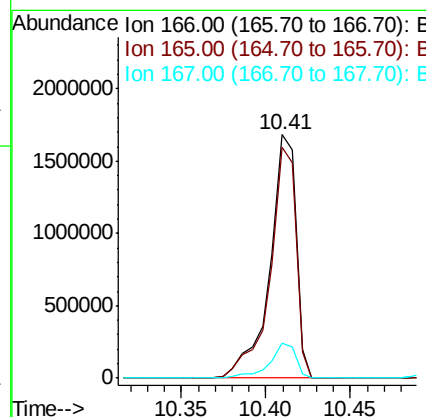
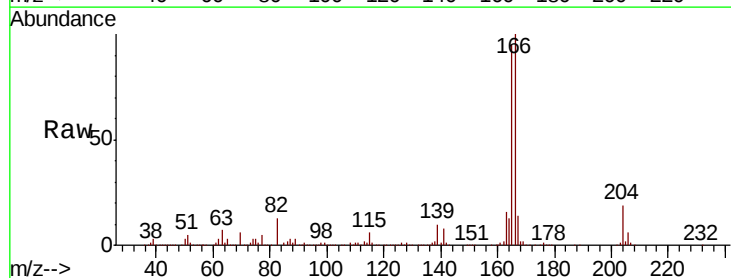
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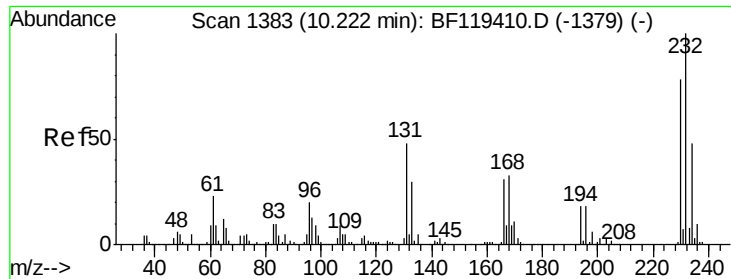
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#58
 Fluorene
 Concen: 51.716 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:	166	Resp:	1812541
Ion Ratio	Lower	Upper	
166	100		
165	94.9	75.4	113.2
167	14.2	11.2	16.8





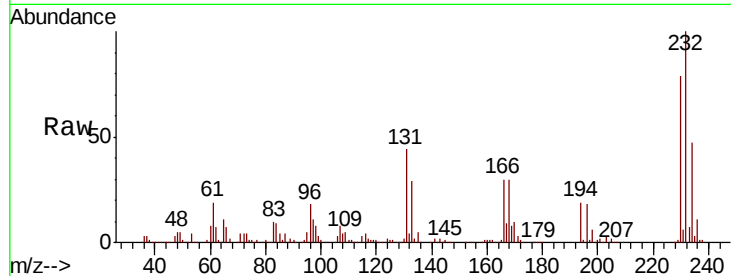
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.010 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	37.5	56.3
130	2.1	1.8	2.6
166	31.9	24.6	36.8

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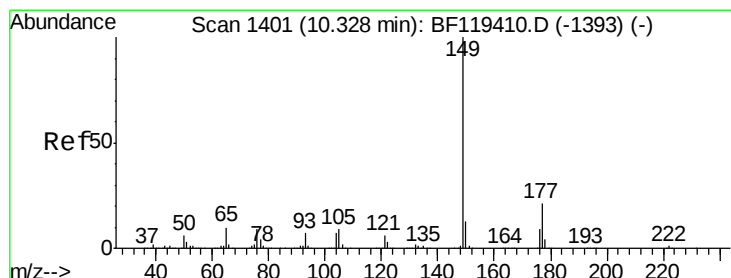
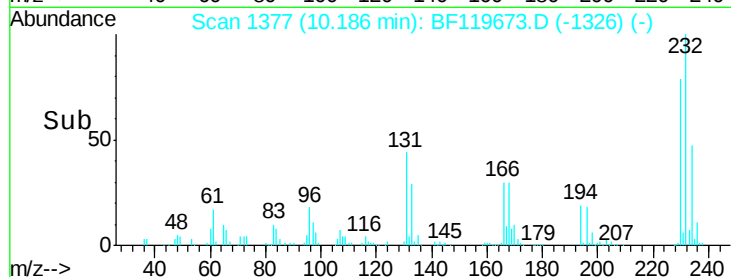
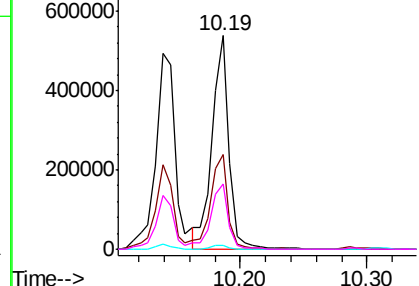
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

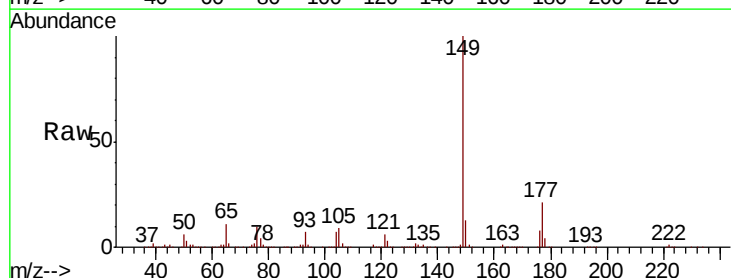
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 53.777 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	13.2	10.1	15.1

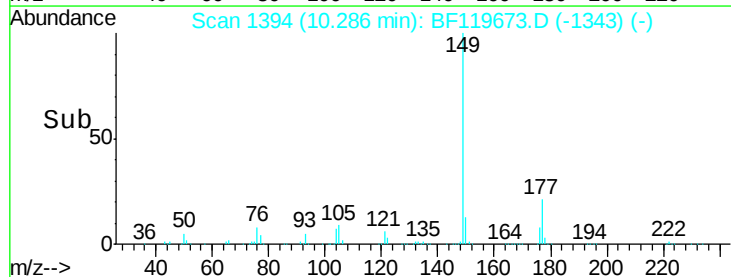
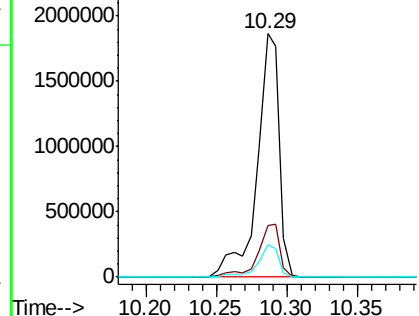


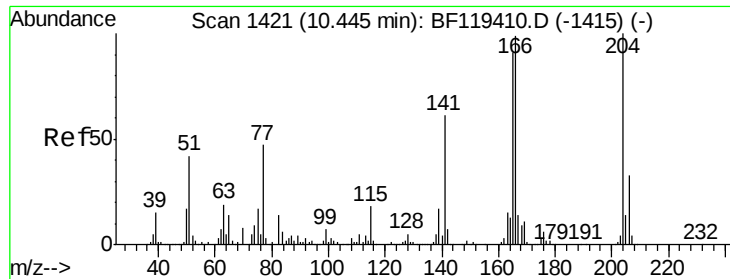
Abundance

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





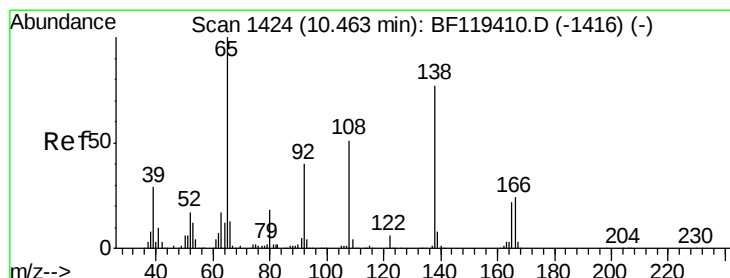
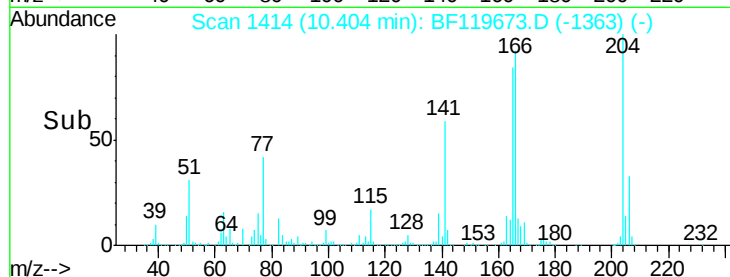
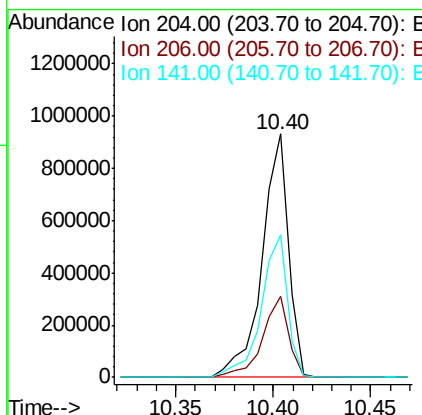
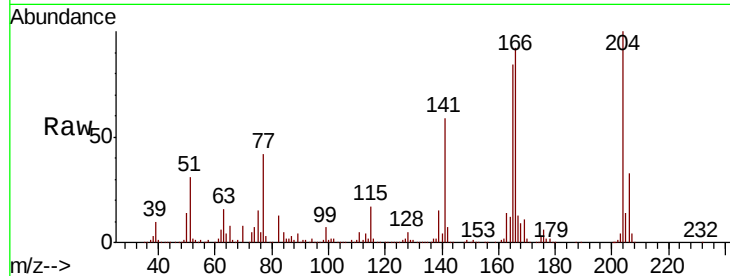
#61
 4-Chlorophenyl-phenylether
 Concen: 51.017 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion:	204	Resp:	874377
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	58.5	47.3	70.9

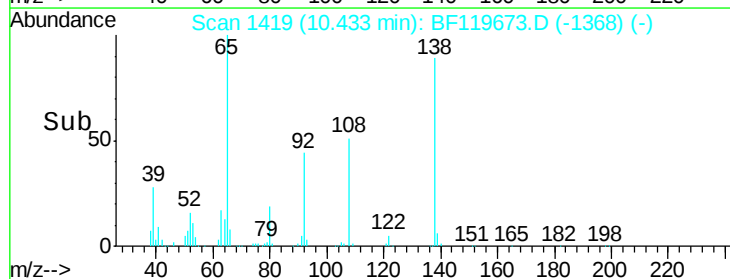
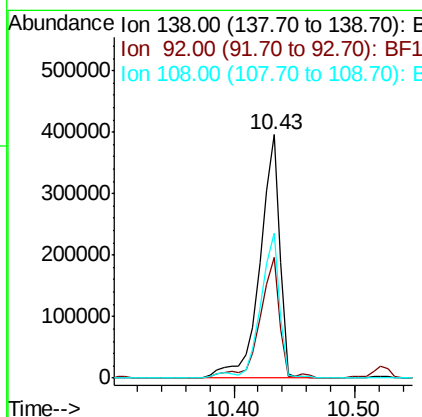
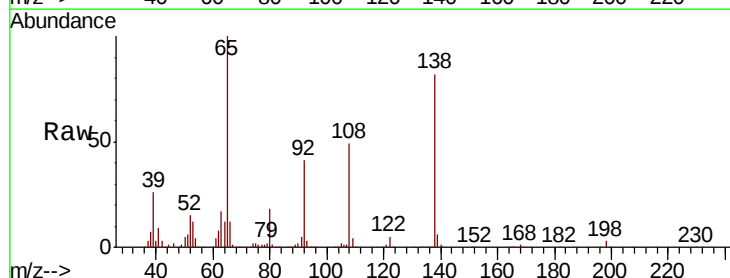
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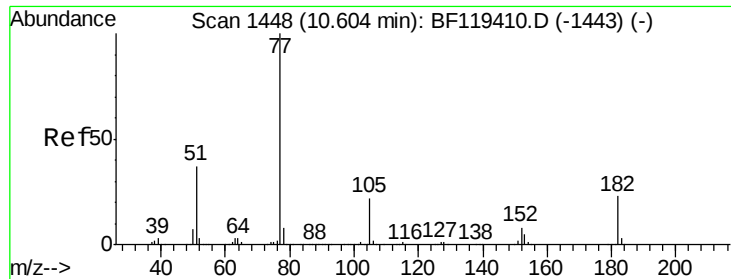
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#62
 4-Nitroaniline
 Concen: 46.566 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:	138	Resp:	454275
Ion Ratio	Lower	Upper	
138	100		
92	49.6	31.5	71.5
108	59.7	45.8	85.8





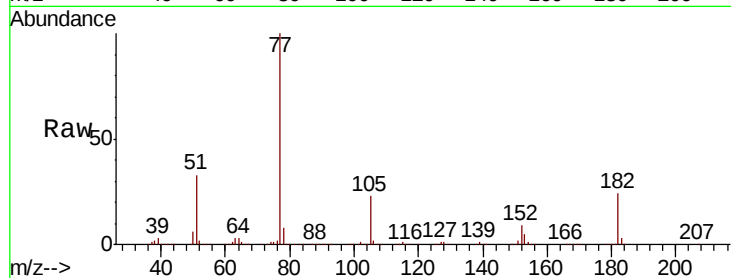
#63
Azobenzene
Concen: 50.860 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	22.6	2.6	42.6
51	32.9	15.1	55.1

Manual Integrations
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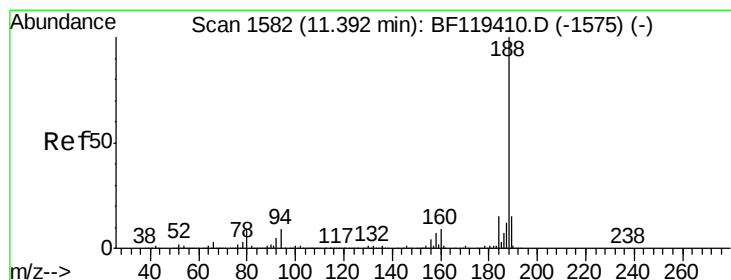
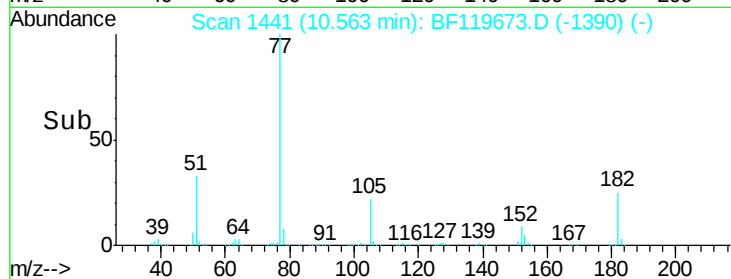
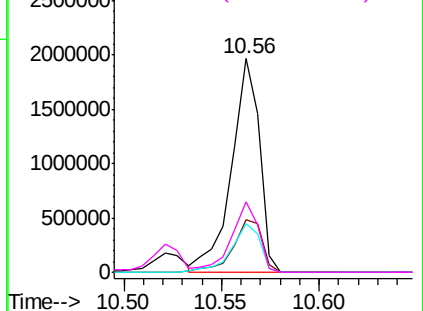
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

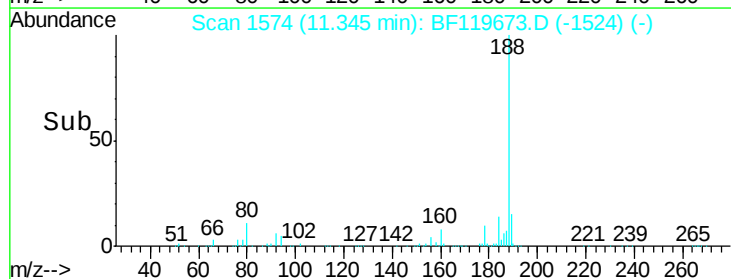
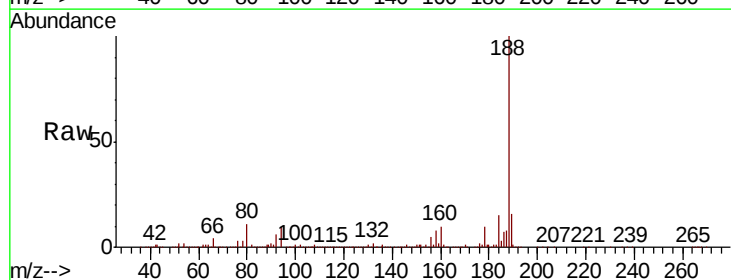
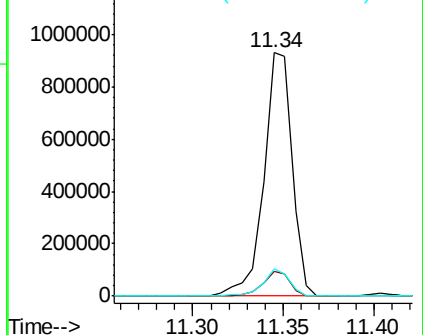
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.5	11.3
80	11.3	9.0	13.4

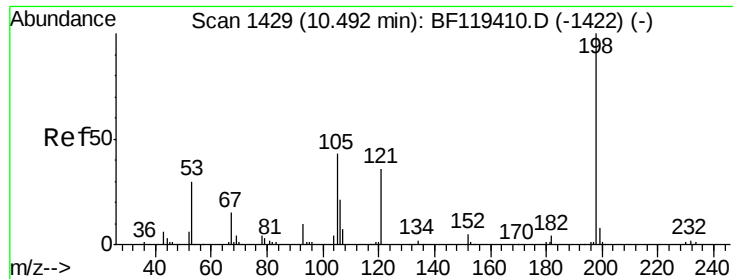
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





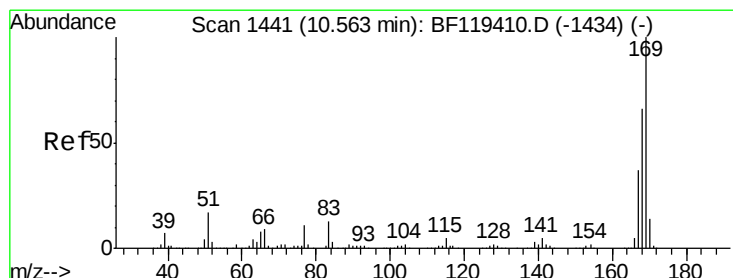
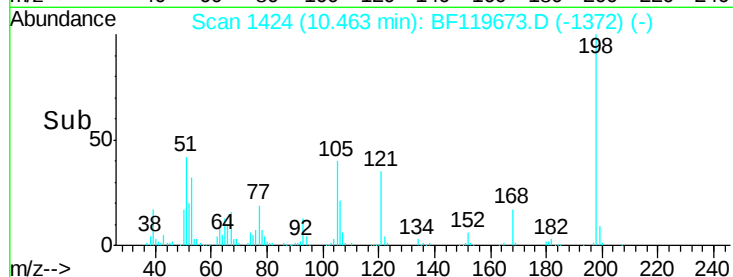
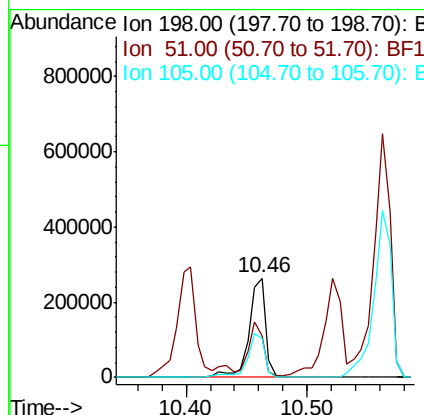
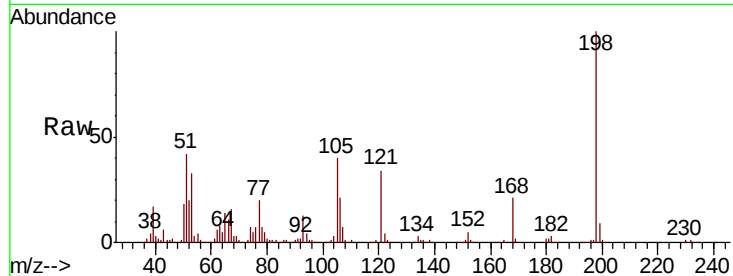
#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.968 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	254275		
51	42.1	29.0	69.0	
105	39.7	22.2	62.2	

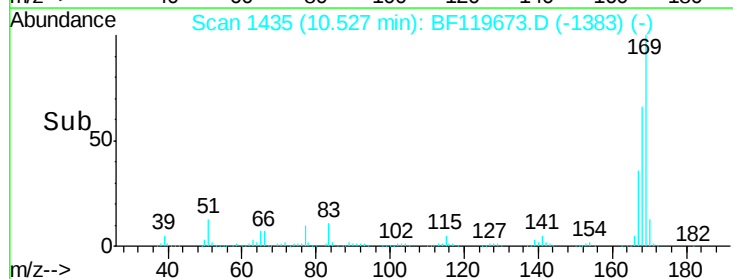
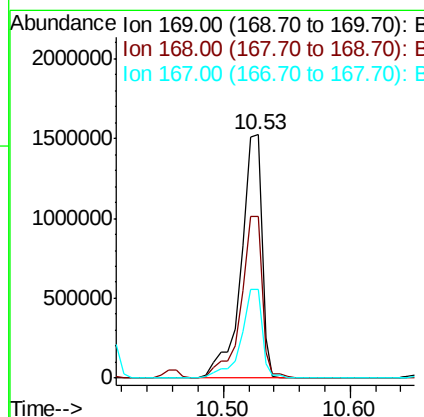
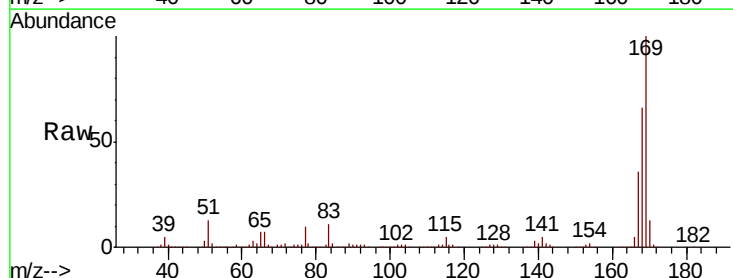
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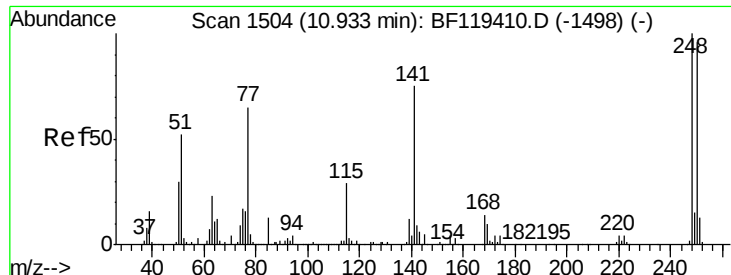
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#66
 n-Nitrosodiphenylamine
 Concen: 51.868 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1721814		
168	66.2	53.2	79.8	
167	36.2	29.1	43.7	





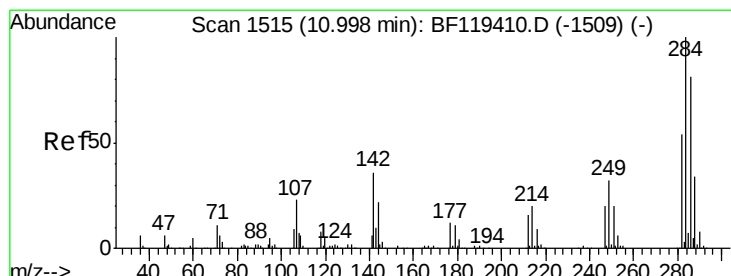
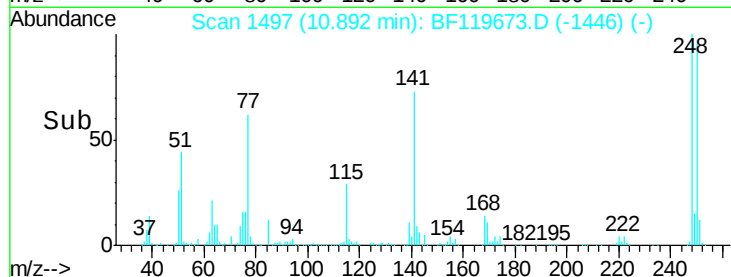
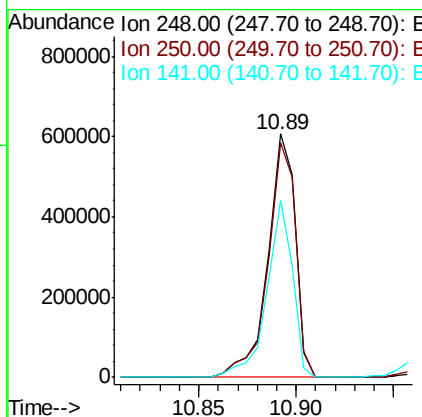
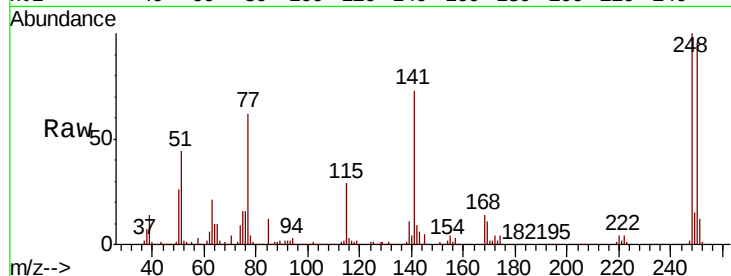
#67
 4-Bromophenyl-phenylether
 Concen: 51.611 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion:	248	Resp:	594358
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.3	115.9
141	72.7	58.6	87.8

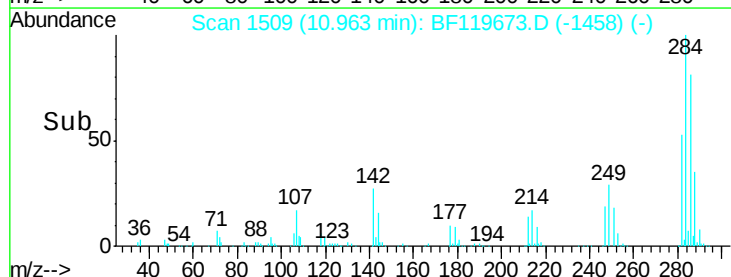
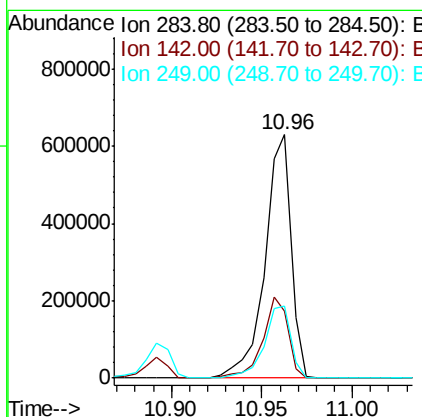
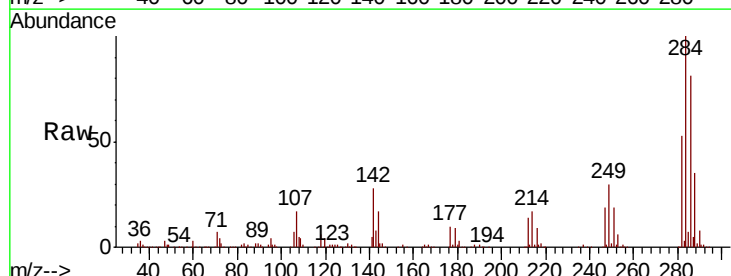
Manual Integrations
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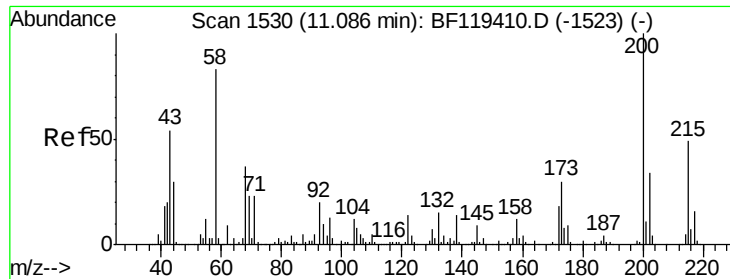
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#68
 Hexachlorobenzene
 Concen: 53.491 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:	284	Resp:	630479
Ion Ratio	Lower	Upper	
284	100		
142	27.7	29.2	43.8#
249	29.8	25.1	37.7





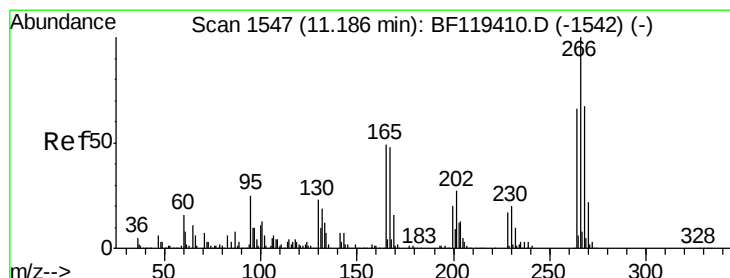
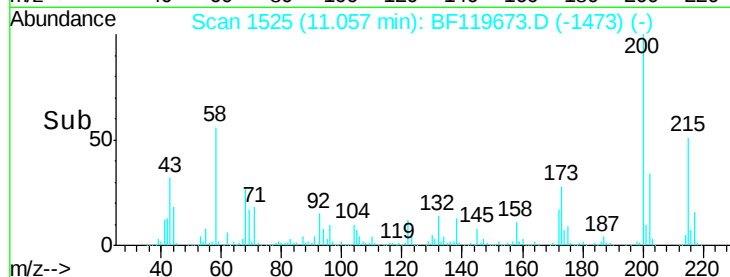
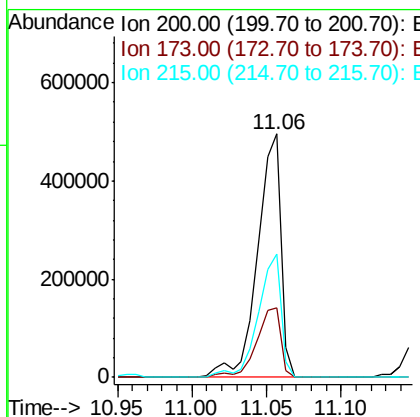
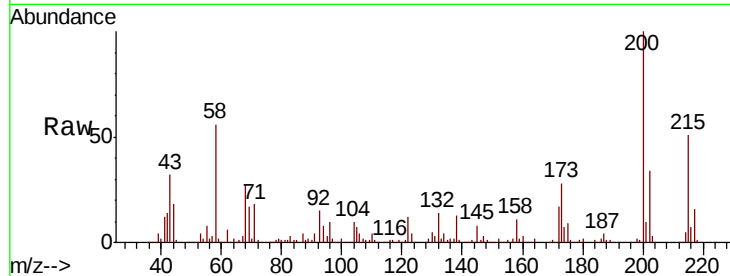
#69
Atrazine
Concen: 58.486 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	9.3	49.3
215	50.9	29.5	69.5

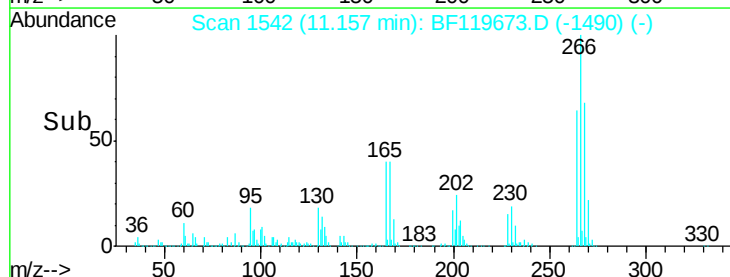
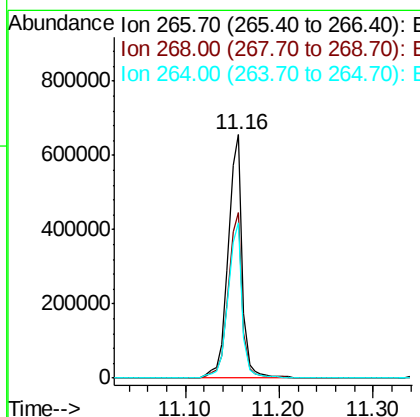
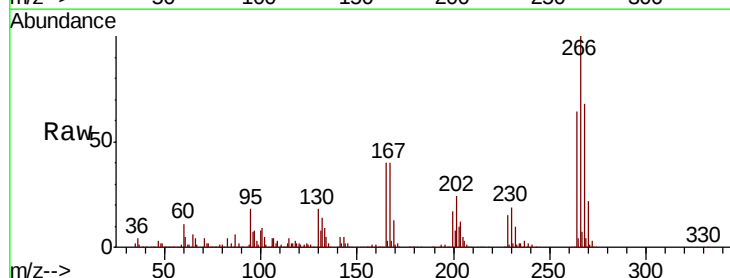
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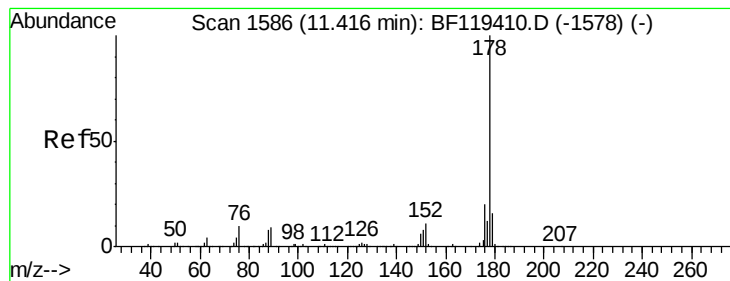
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#70
Pentachlorophenol
Concen: 100.104 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.0	53.3	79.9
264	63.9	49.0	73.4





#71

Phenanthrene

Concen: 50.881 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

Tot Ion:178 Resp: 2667818

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

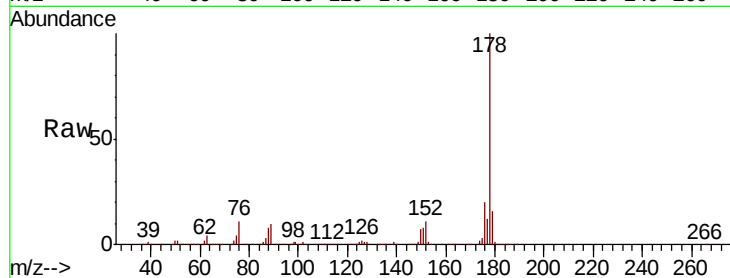
179 16.3 13.2 19.8

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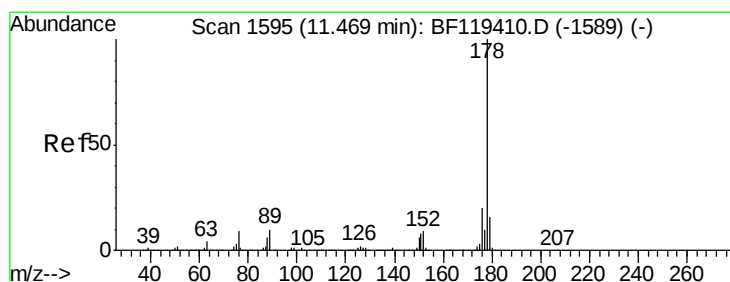
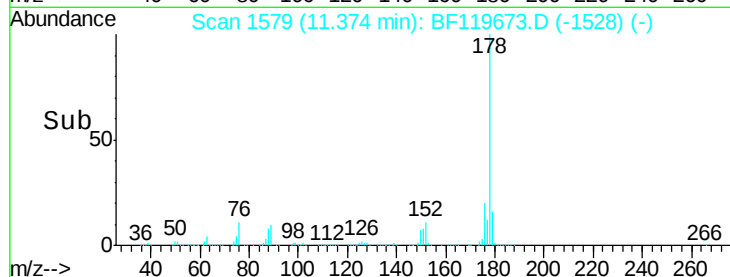
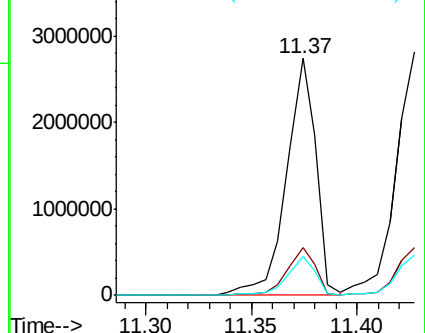
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.986 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:178 Resp: 2717020

Ion Ratio Lower Upper

178 100

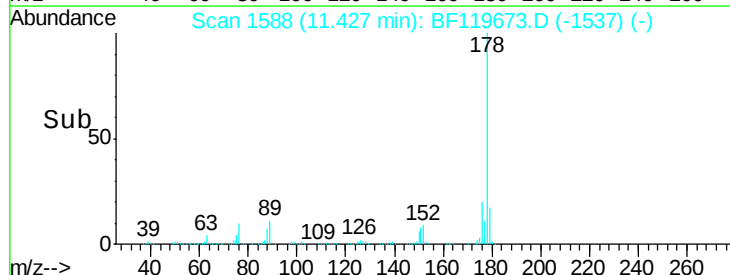
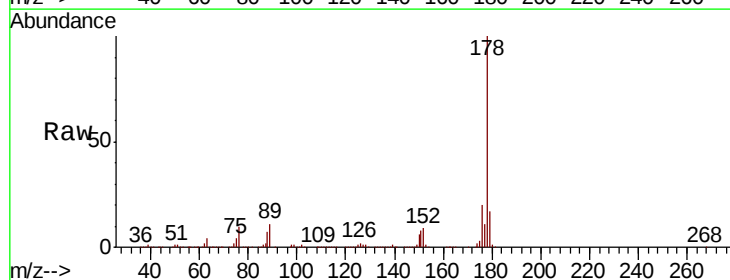
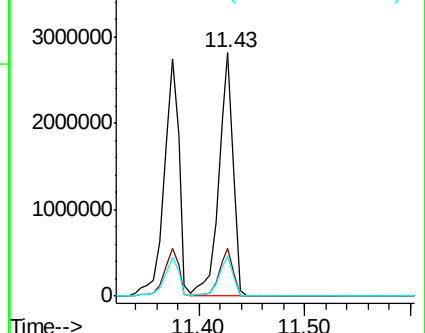
176 19.8 16.1 24.1

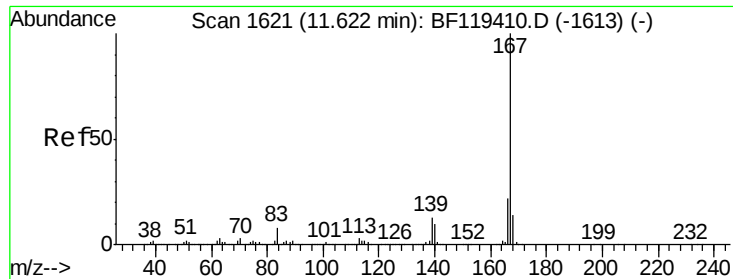
179 16.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





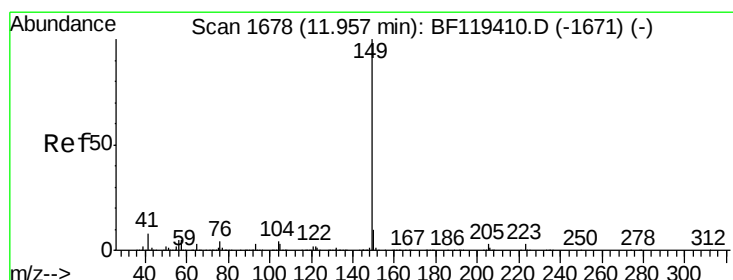
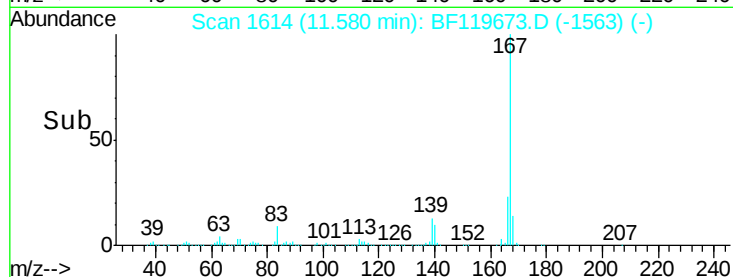
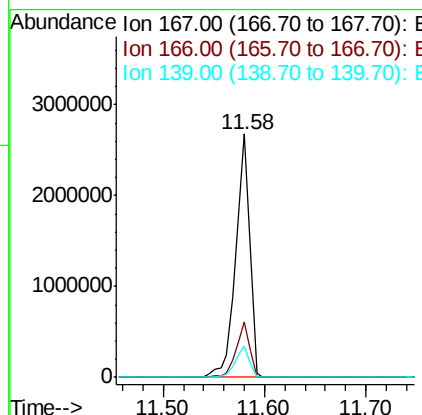
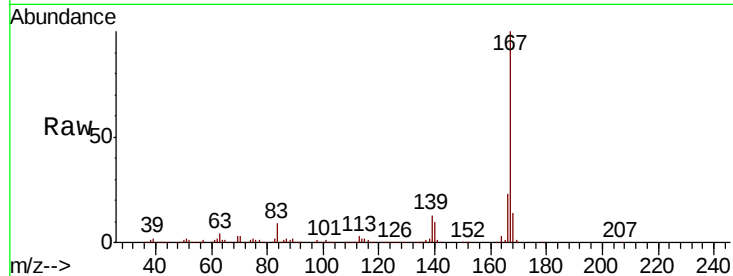
#73
 Carbazole
 Concen: 49.059 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion:167 Resp: 2587655
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 13.0 10.7 16.1

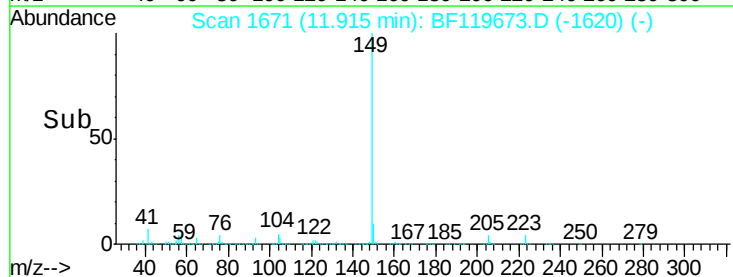
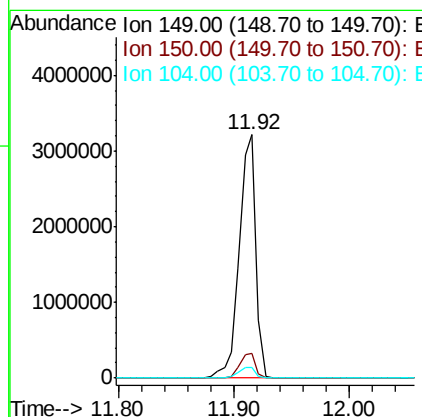
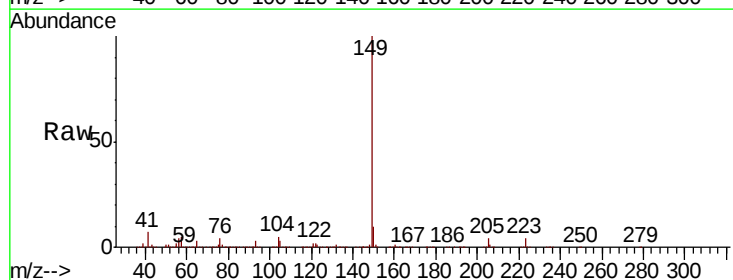
Manual Integrations
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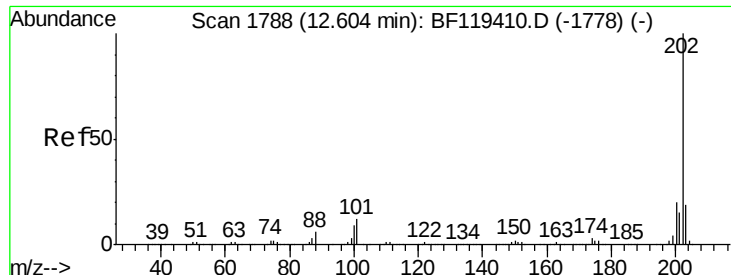
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#74
 Di-n-butylphthalate
 Concen: 56.356 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:149 Resp: 3179872
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 51.728 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

Tot Ion:202 Resp: 2935312

Ion Ratio Lower Upper

202 100

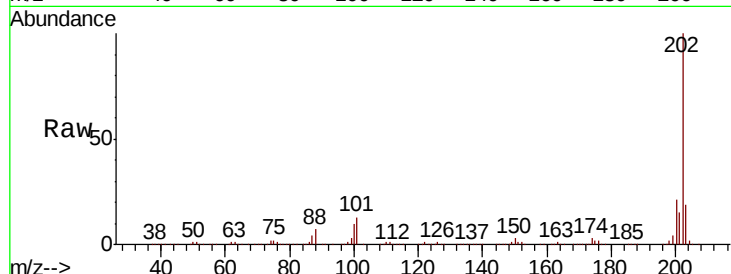
101 13.2 0.0 32.2

203 18.7 0.0 38.8

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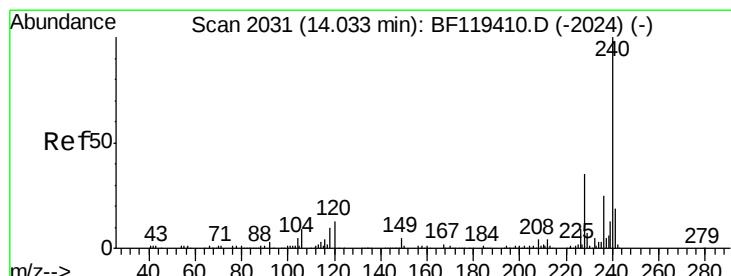
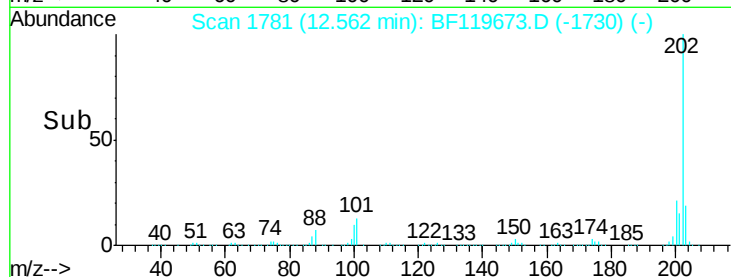
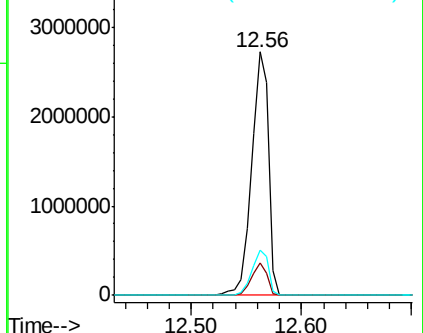
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

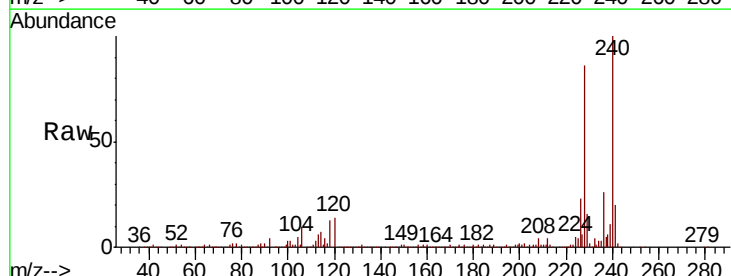
Tgt Ion:240 Resp: 752445

Ion Ratio Lower Upper

240 100

120 14.4 10.6 15.8

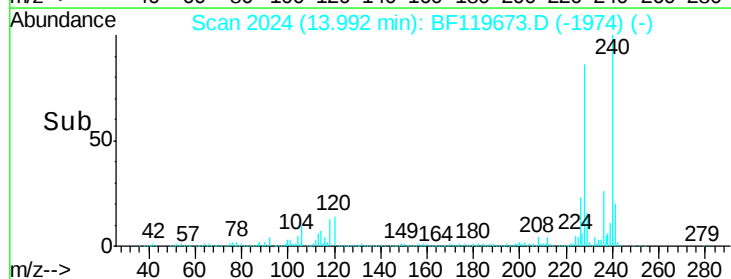
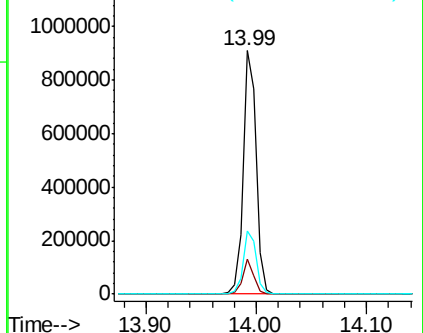
236 25.8 20.2 30.2

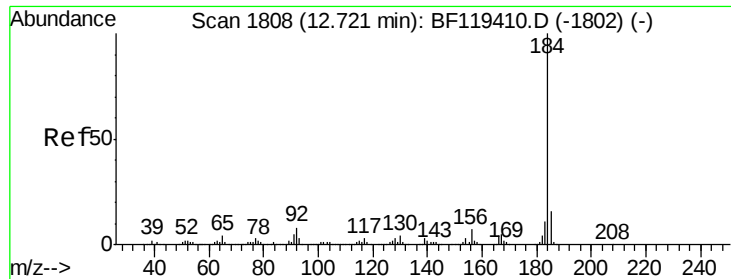


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





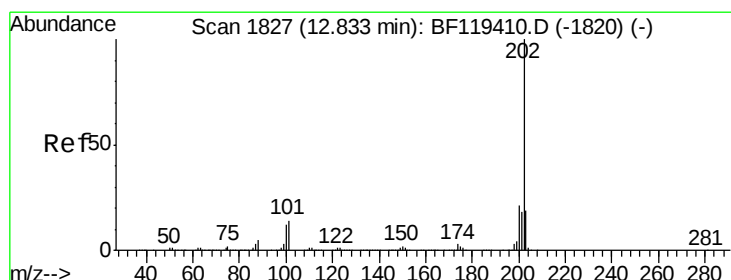
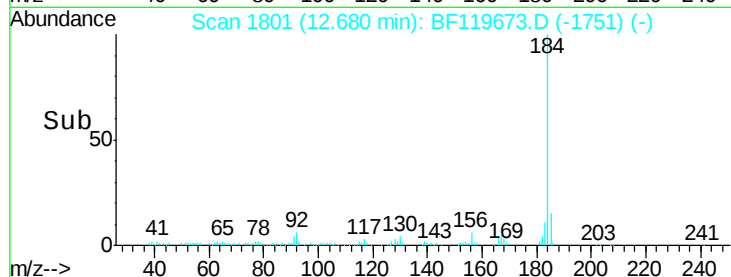
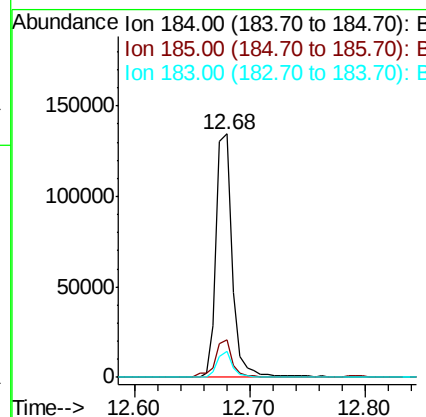
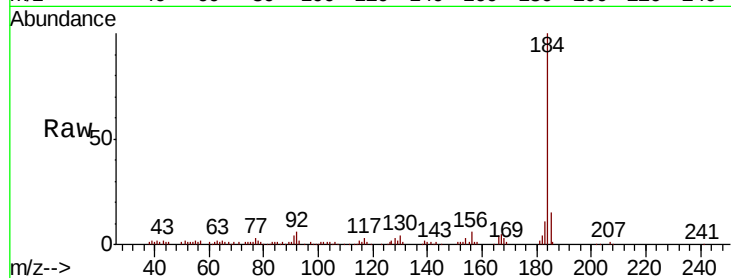
#77
Benzidine
Concen: 4.140 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.3	18.5
183	10.6	9.0	13.6

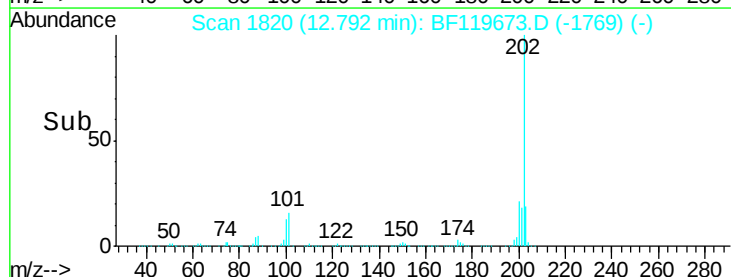
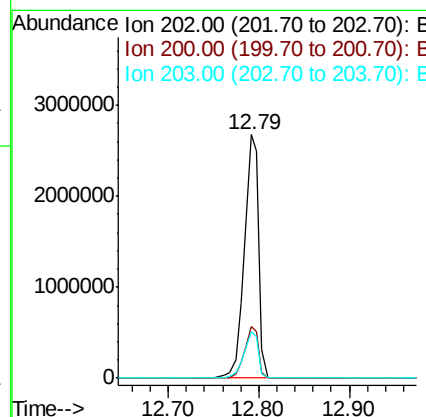
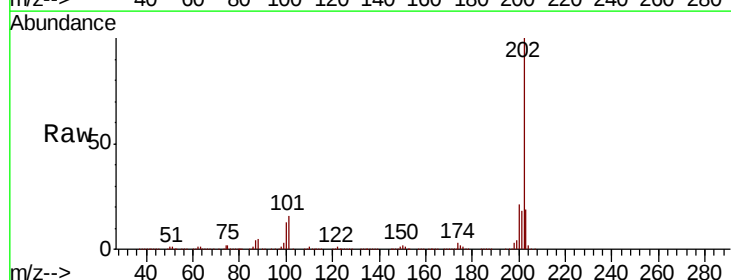
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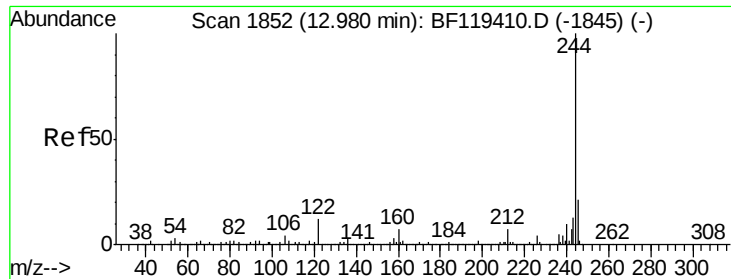
mohammad
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#78
Pyrene
Concen: 48.093 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.9	15.1	22.7





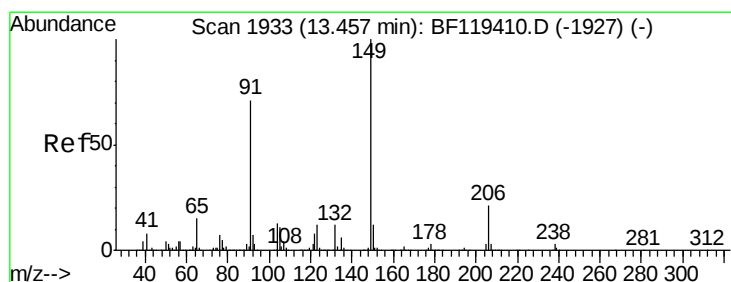
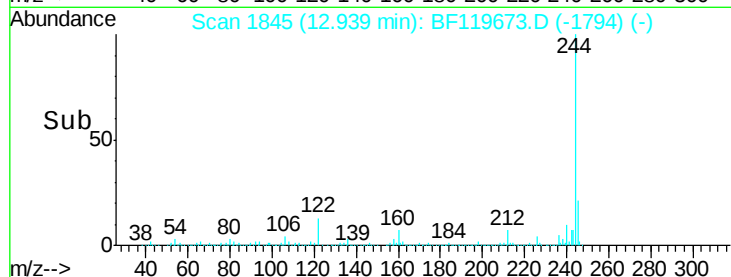
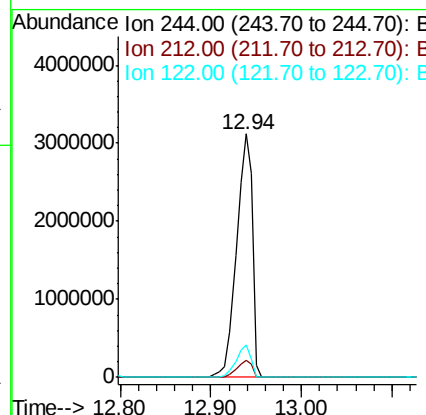
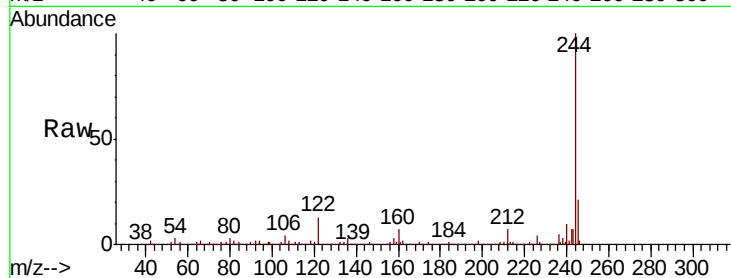
#79
 Terphenyl-d14
 Concen: 99.311 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion:244 Resp: 3814083
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.5 10.3 15.5

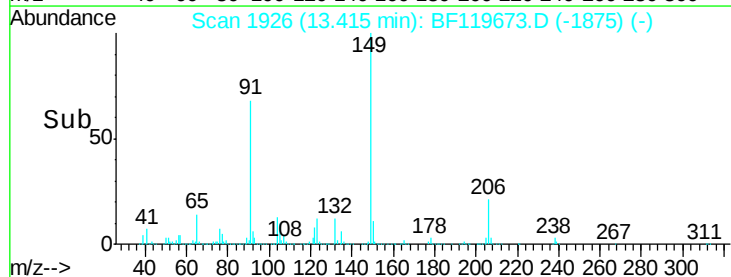
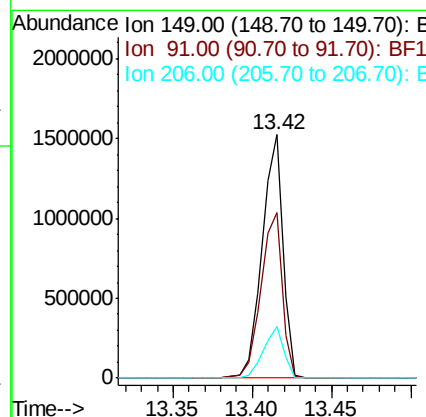
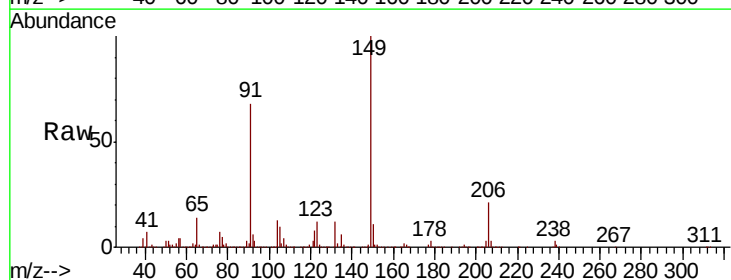
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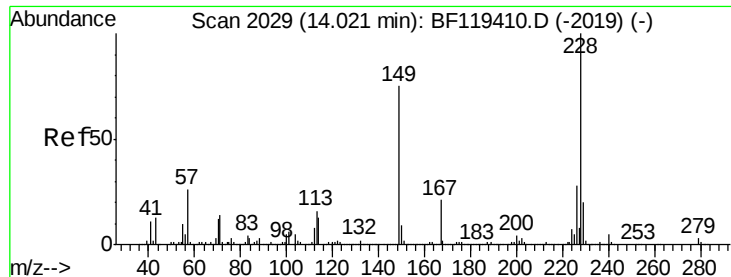
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#80
 Butylbenzylphthalate
 Concen: 56.181 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:149 Resp: 1403192
 Ion Ratio Lower Upper
 149 100
 91 68.0 54.7 82.1
 206 21.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.644 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

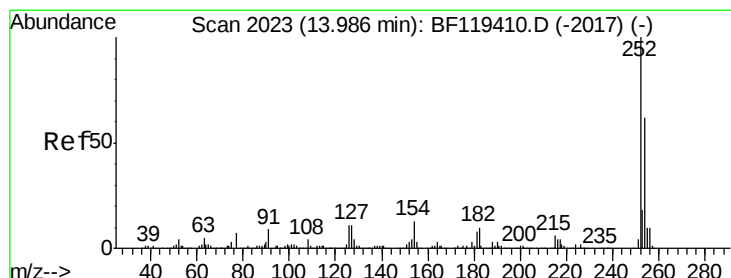
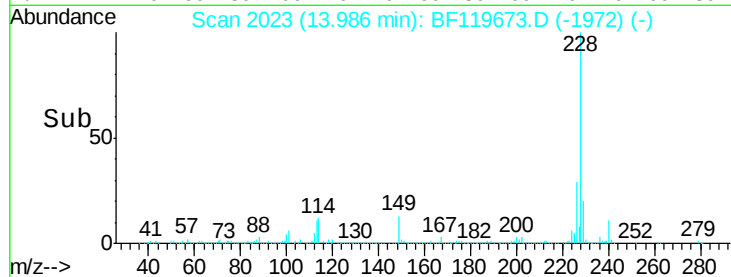
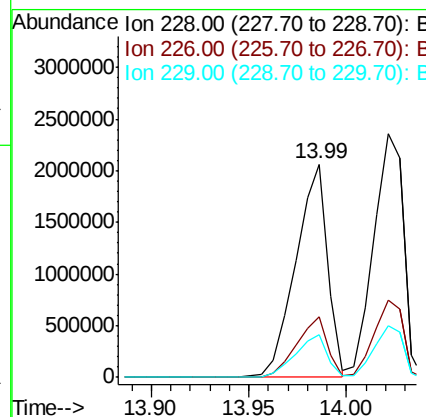
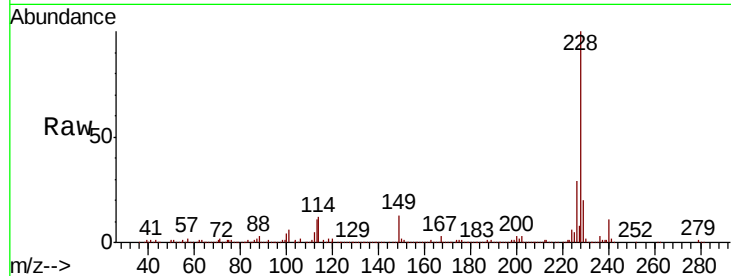
ClientSampleId :

TR-04-032720MS

Tot Ion:	228	Resp:	2331237
Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.8
229	19.8	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 13.360 ng

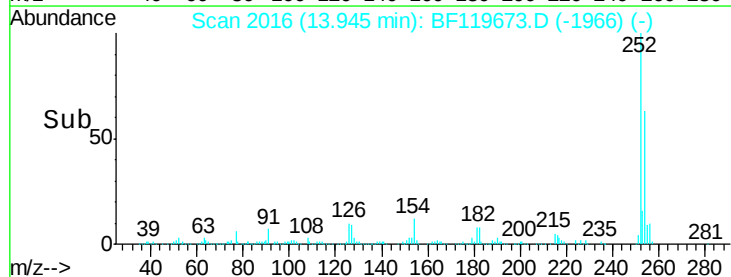
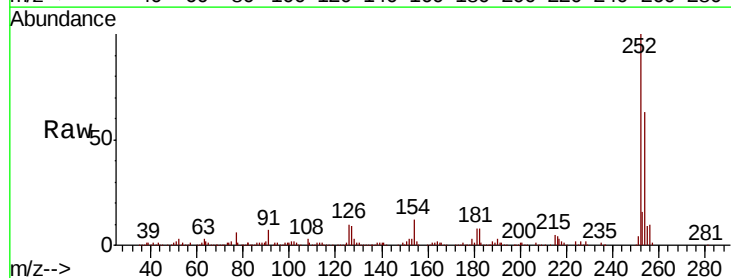
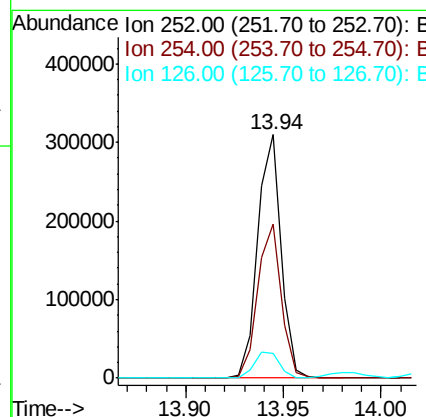
RT: 13.94 min Scan# 2016

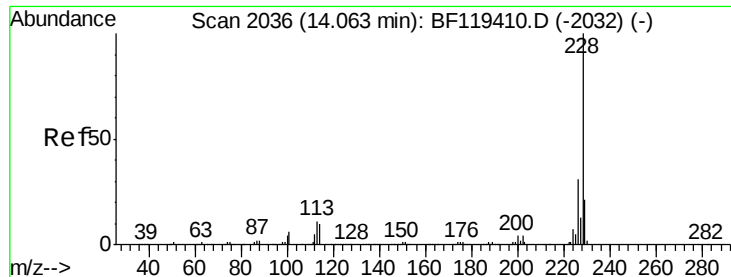
Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:	252	Resp:	257745
Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.2	76.8
126	10.0	9.6	14.4





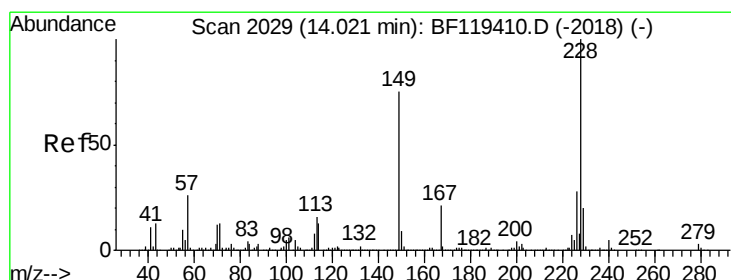
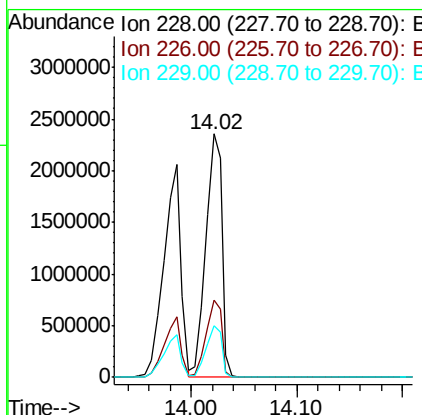
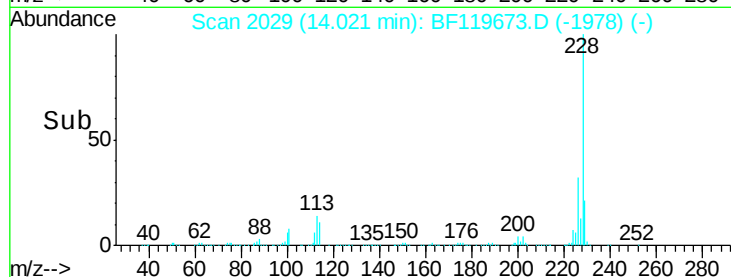
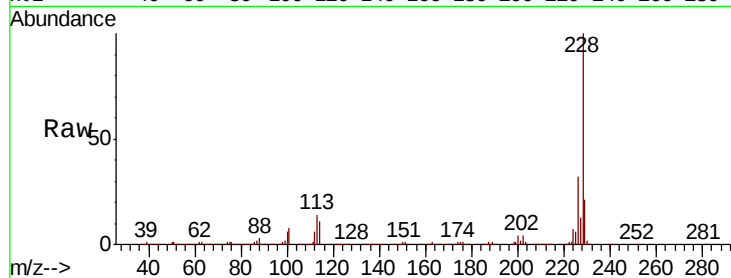
#83
 Chrysene
 Concen: 49.493 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.9	25.4	38.0	
229	21.2	16.6	24.8	

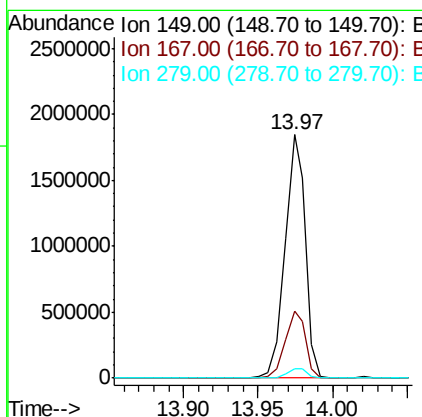
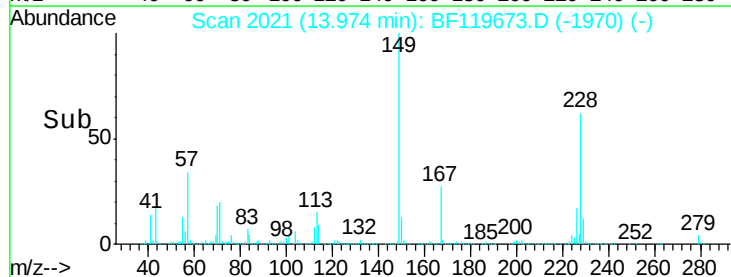
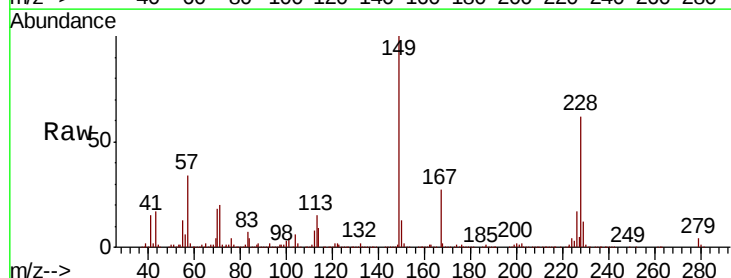
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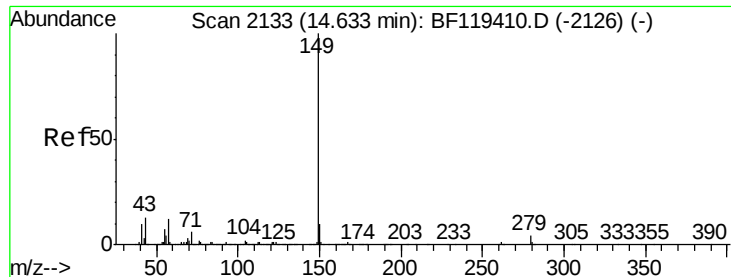
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.724 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	27.3	21.3	31.9	
279	3.7	2.7	4.1	





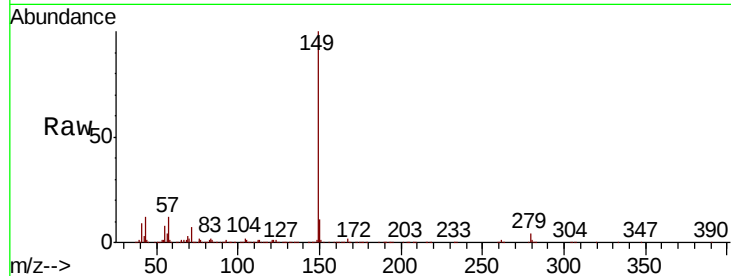
#85
Di-n-octyl phthalate
Concen: 62.318 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

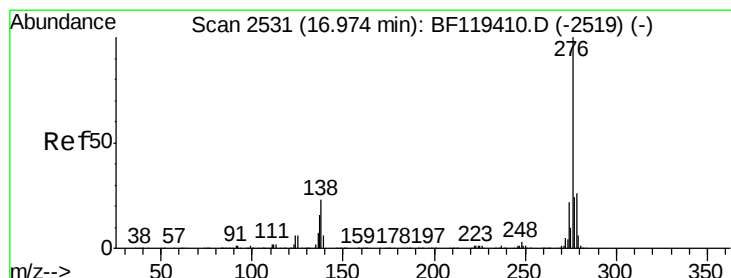
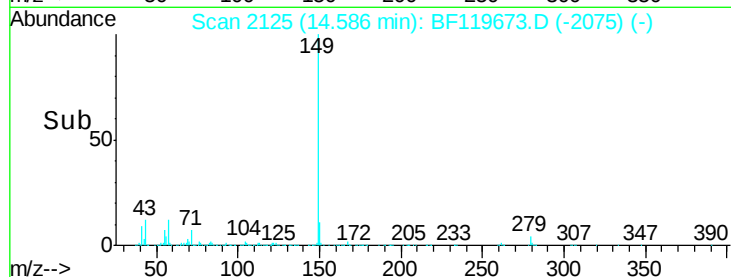
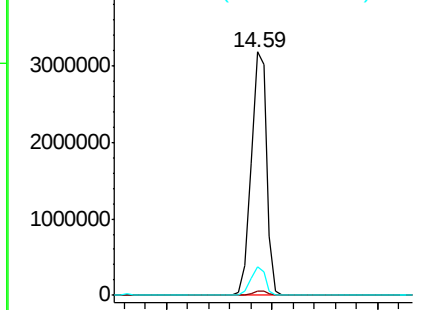
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	11.1	9.3	13.9	

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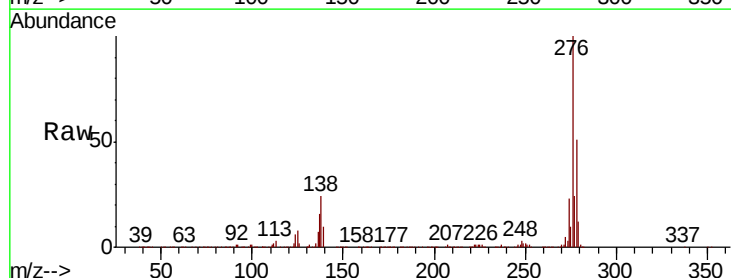


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

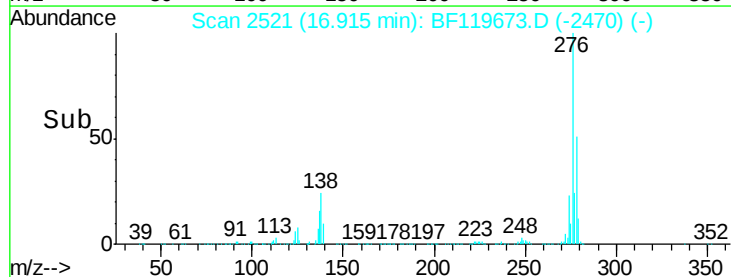
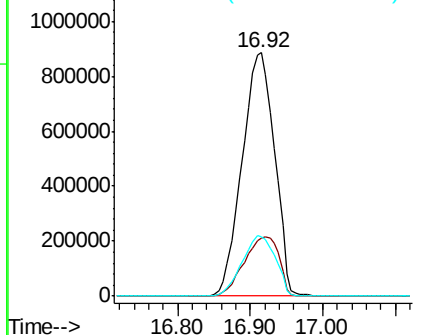


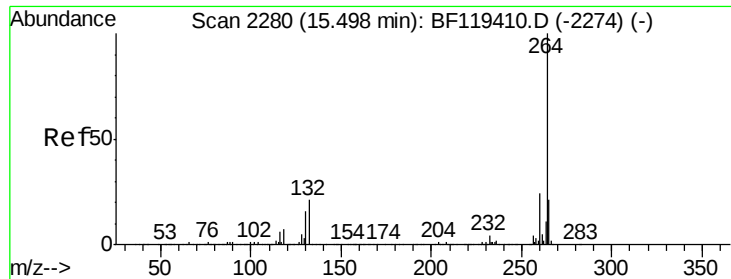
#86
Indeno(1,2,3-cd)pyrene
Concen: 58.027 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	26.2	19.6	29.4	
277	25.6	20.0	30.0	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





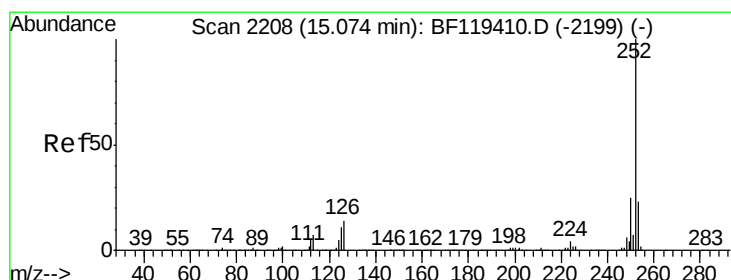
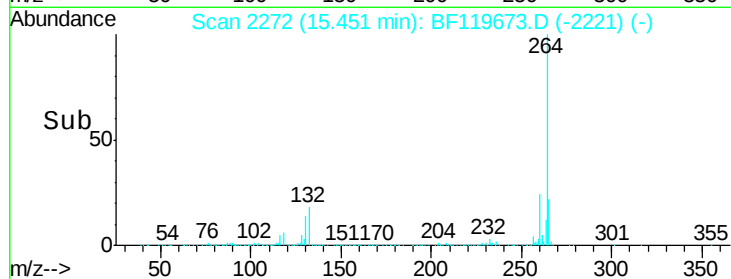
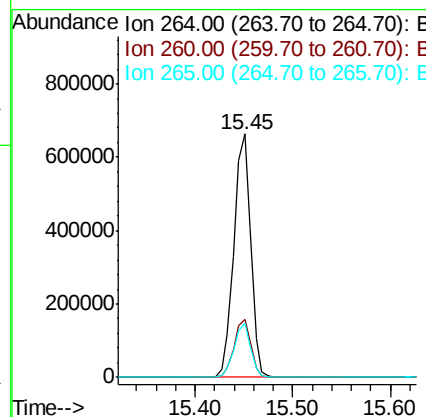
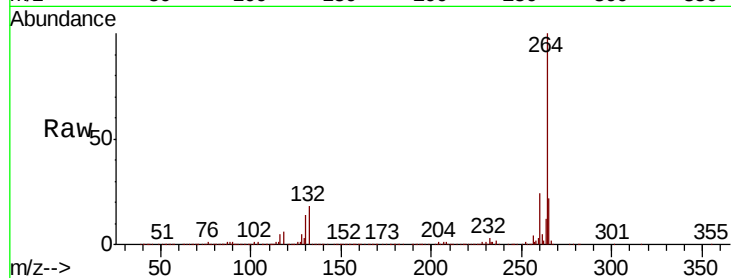
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.6	18.7	28.1		
265	22.1	17.7	26.5		

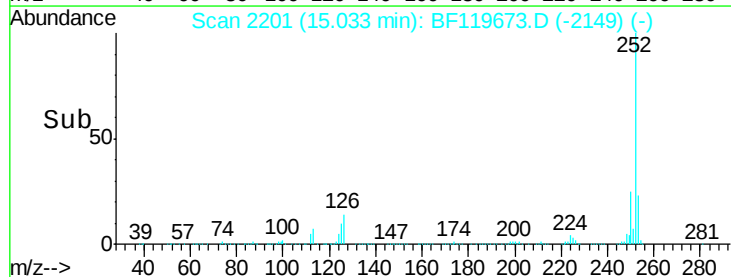
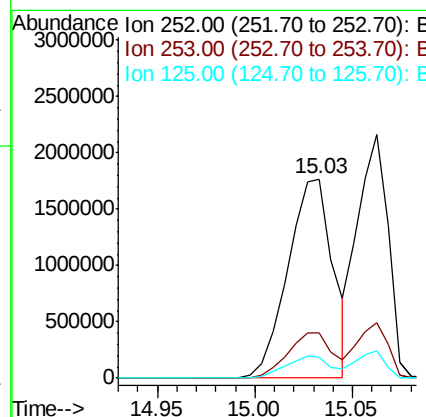
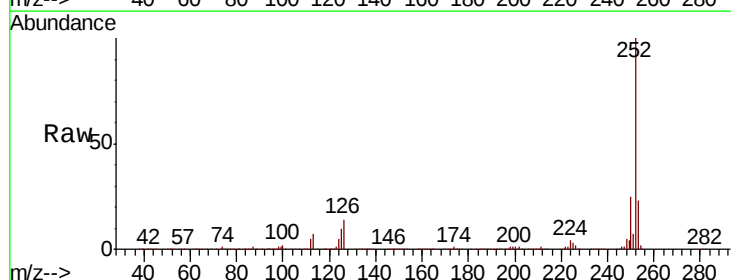
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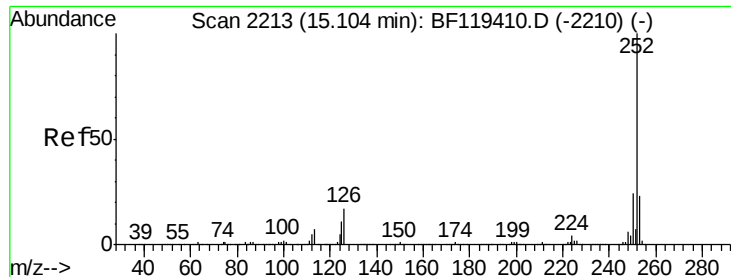
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.036 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.9	17.4	26.0		
125	10.2	7.9	11.9		





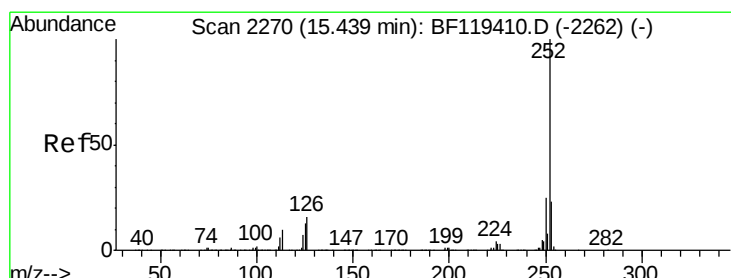
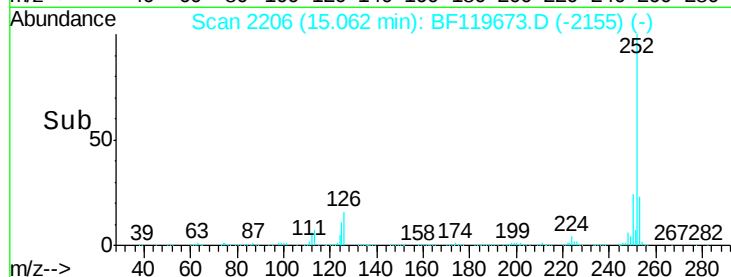
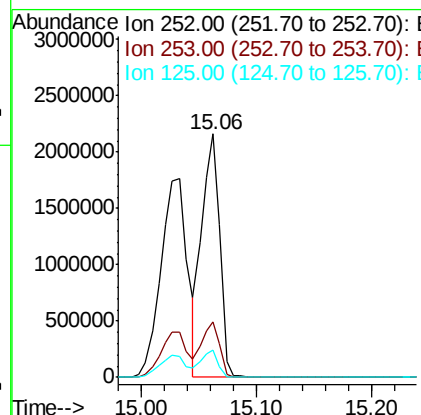
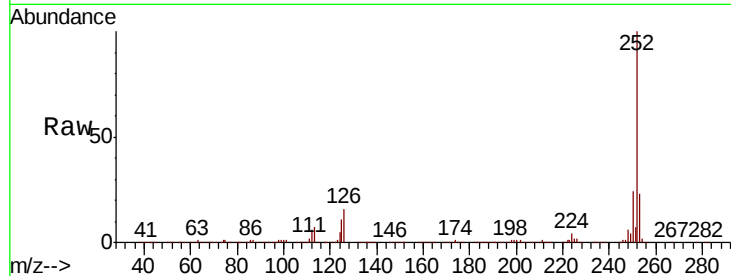
#89
Benzo(k)fluoranthene
Concen: 46.431 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.1	8.4	12.6

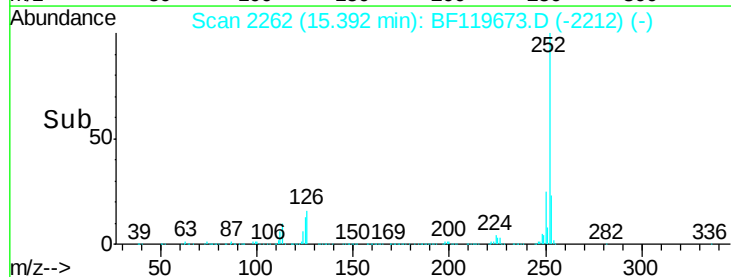
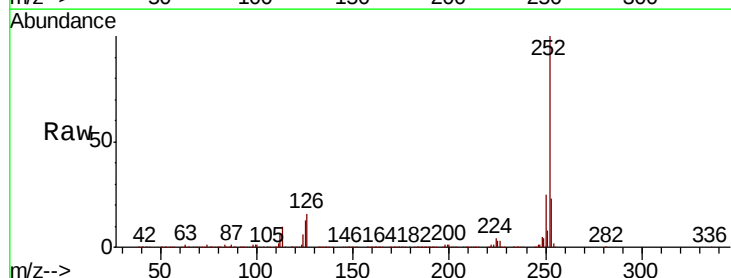
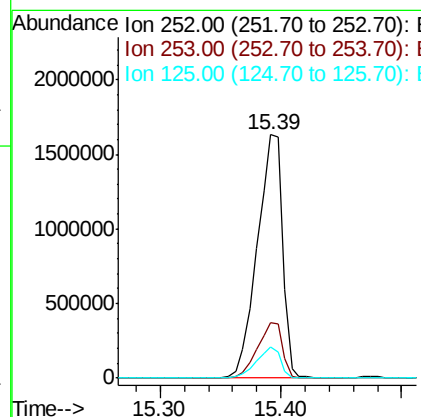
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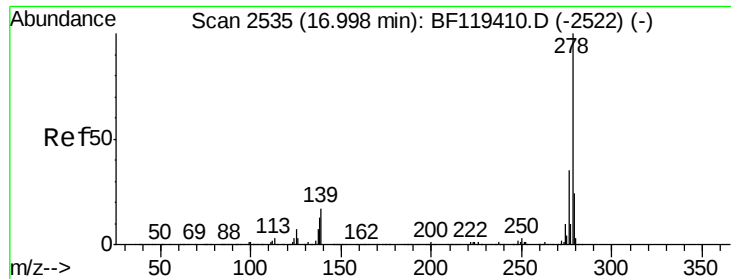
mohammad
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#90
Benzo(a)pyrene
Concen: 49.358 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.8	9.4	14.2





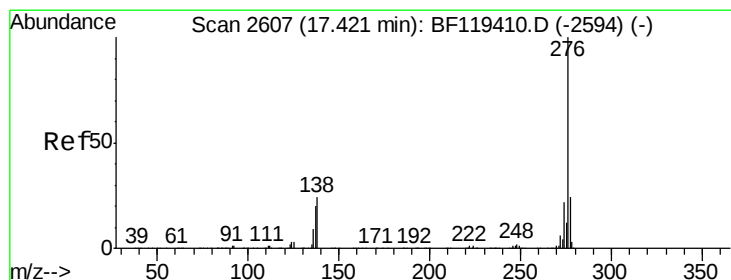
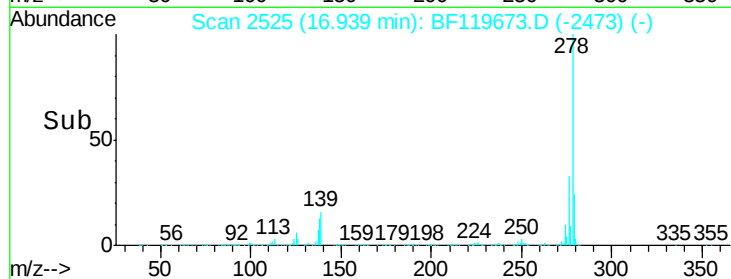
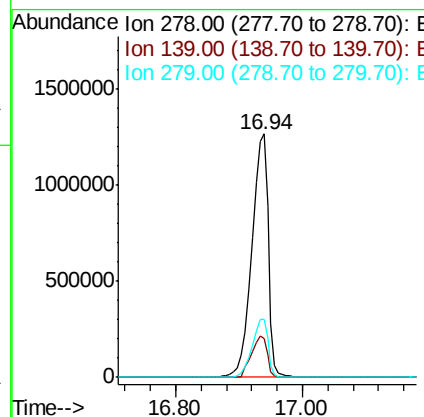
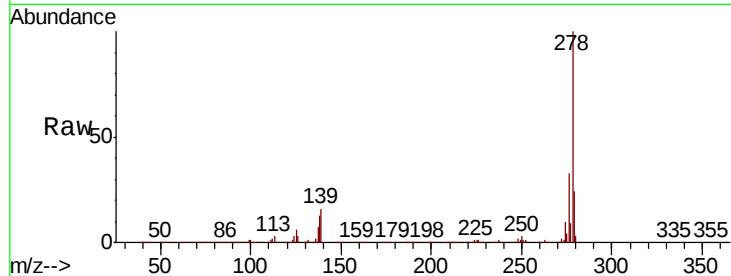
#91
Dibenzo(a,h)anthracene
Concen: 53.878 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/3/2020 11:14:26 PM



#92
Benzo(g,h,i)perylene
Concen: 53.870 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	22.4	15.4	23.0

