

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119491.D
 Acq On : 24 Mar 2020 17:05
 Operator : CG/JU
 Sample : L2020-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Manual Integrations
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 3/25/2020 12:29:54 PM

Quant Time: Mar 24 17:42:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	330116	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1257794	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	655123	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1261863	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	912698	20.00	ng	-0.01
87) Perylene-d12	15.49	264	897433	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1982891	95.62	ng	0.01
7) Phenol-d6	6.47	99	2573930	97.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	1615946	69.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	744802	110.20	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3002931	67.91	ng	-0.01
79) Terphenyl-d14	12.97	244	3373334	72.41	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	390942	38.171	ng	98
3) Pyridine	3.44	79	1046610	37.093	ng	98
4) n-Nitrosodimethylamine	3.39	42	574846	41.777	ng	99
6) Aniline	6.50	93	845364	23.122	ng	100
8) 2-Chlorophenol	6.63	128	1048431	48.138	ng	98
9) Benzaldehyde	6.39	77	675639	40.206	ng	99
10) Phenol	6.49	94	1317357	46.606	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	1000487	44.256	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1056215	44.807	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1066565	45.235	ng	100
14) 1,2-Dichlorobenzene	7.02	146	997272	45.251	ng	99
15) Benzyl Alcohol	6.99	79	882314	44.278	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1892277	41.498	ng	98
17) 2-Methylphenol	7.10	107	850874	42.639	ng	98
18) Hexachloroethane	7.36	117	408195	47.241	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	714737	44.763	ng	98
20) 3+4-Methylphenols	7.25	107	1014313m	41.475	ng	
22) Acetophenone	7.26	105	1339765	44.578	ng	96
24) Nitrobenzene	7.43	77	1089531	44.052	ng	98
25) Isophorone	7.67	82	2003413	42.674	ng	99
26) 2-Nitrophenol	7.75	139	546396	56.107	ng	99
27) 2,4-Dimethylphenol	7.78	122	943774	46.869	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1259336	45.363	ng	99
29) 2,4-Dichlorophenol	7.99	162	852247	46.062	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	921151	45.018	ng	97
31) Naphthalene	8.15	128	2870118	44.342	ng	99
32) Benzoic acid	7.91	122	711029	54.893	ng	96
33) 4-Chloroaniline	8.20	127	323423	10.905	ng	96
34) Hexachlorobutadiene	8.27	225	527229	46.053	ng	100
35) Caprolactam	8.57	113	275328m	45.469	ng	
36) 4-Chloro-3-methylphenol	8.68	107	942476	46.606	ng	97
37) 2-Methylnaphthalene	8.85	142	1959936	46.138	ng	99
38) 1-Methylnaphthalene	8.95	142	1867651	46.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	836251	43.550	ng	99

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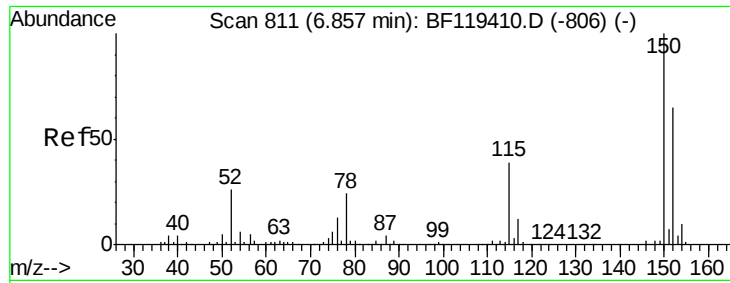
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1041210	95.378	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	667512	48.576	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	648865	42.151	nq	98
46) 1,1'-Biphenyl	9.31	154	2324738	43.570	nq	99
47) 2-Chloronaphthalene	9.34	162	1791864	42.873	nq	98
48) 2-Nitroaniline	9.43	65	680991	47.206	nq	98
49) Acenaphthylene	9.76	152	2856007	43.515	nq	99
50) Dimethylphthalate	9.62	163	2521998	54.197	nq	99
51) 2,6-Dinitrotoluene	9.67	165	482764	48.401	nq	92
52) Acenaphthene	9.93	154	2021862	49.414	nq	99
53) 3-Nitroaniline	9.84	138	263694	20.941	nq	96
54) 2,4-Dinitrophenol	9.95	184	534301	119.817	nq	93
55) Dibenzofuran	10.10	168	2562448	43.680	nq	98
56) 4-Nitrophenol	10.00	139	892845	89.881	nq	88
57) 2,4-Dinitrotoluene	10.08	165	640820	51.001	nq	95
58) Fluorene	10.45	166	1950027	44.951	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	562694	48.902	nq	98
60) Diethylphthalate	10.32	149	2164039	45.820	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	950739	44.816	nq	98
62) 4-Nitroaniline	10.46	138	530197	43.908	nq	98
63) Azobenzene	10.59	77	2098662	44.126	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	348728	65.906	nq	95
66) n-Nitrosodiphenylamine	10.55	169	1824131	44.035	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	629781	43.823	nq	98
68) Hexachlorobenzene	10.99	284	684392	46.531	nq	92
69) Atrazine	11.08	200	536524	47.243	nq	100
70) Pentachlorophenol	11.18	266	781385	90.602	nq	98
71) Phenanthrene	11.40	178	2860459	43.717	nq	99
72) Anthracene	11.46	178	2930602	44.069	nq	99
73) Carbazole	11.61	167	2773167	42.131	nq	98
74) Di-n-butylphthalate	11.95	149	3286393	46.674	nq	98
75) Fluoranthene	12.59	202	3123693	44.113	nq	99
77) Benzidine	12.72	184	1597592	41.361	nq	98
78) Pyrene	12.82	202	3108117	41.495	nq	99
80) Butylbenzylphthalate	13.44	149	1483130	48.956	nq	100
81) Benzo(a)anthracene	14.02	228	2515565	42.384	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	570084	24.361	nq	97
83) Chrysene	14.05	228	2621014	42.790	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1853866	51.333	nq	99
85) Di-n-octyl phthalate	14.62	149	3299802	51.953	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2458918	42.624	nq	98
88) Benzo(b)fluoranthene	15.06	252	2841252	47.395	nq	100
89) Benzo(k)fluoranthene	15.10	252	2305605	40.390	nq	98
90) Benzo(a)pyrene	15.43	252	2328222	42.735	nq	97
91) Dibenzo(a,h)anthracene	16.98	278	2056105	43.148	nq	99
92) Benzo(g,h,i)perylene	17.41	276	2033098	42.469	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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5TH-STREET-SUBMS

Tot Ion:152 Resp: 330116

Ion Ratio Lower Upper

152 100

150 156.7 123.9 185.9

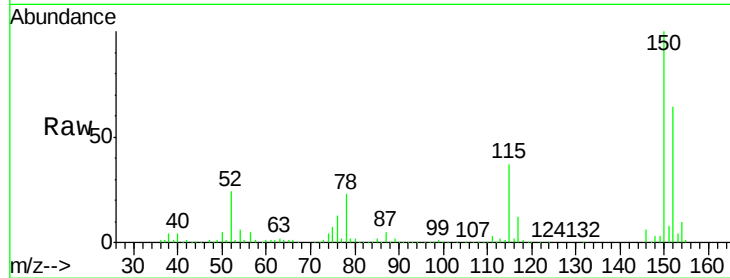
115 57.2 47.8 71.6

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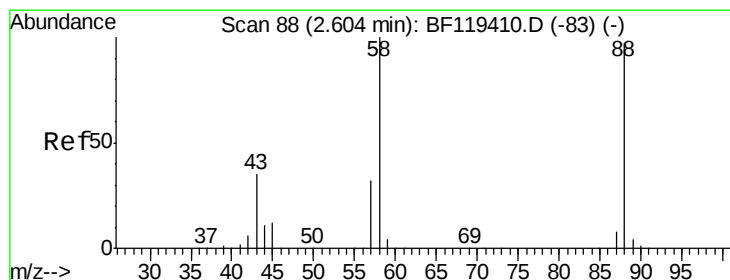
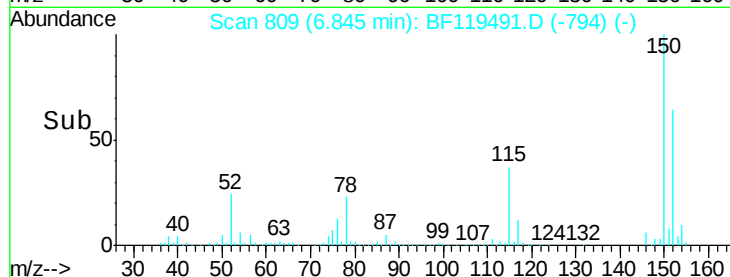
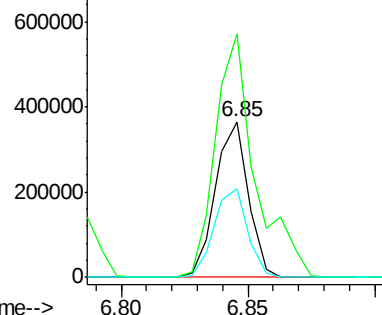
3/25/2020 12:29:54 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.171 ng

RT: 2.70 min Scan# 105

Delta R.T. 0.10 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

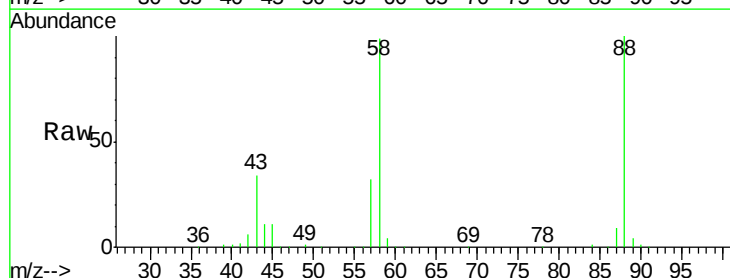
Tgt Ion: 88 Resp: 390942

Ion Ratio Lower Upper

88 100

58 101.6 79.4 119.2

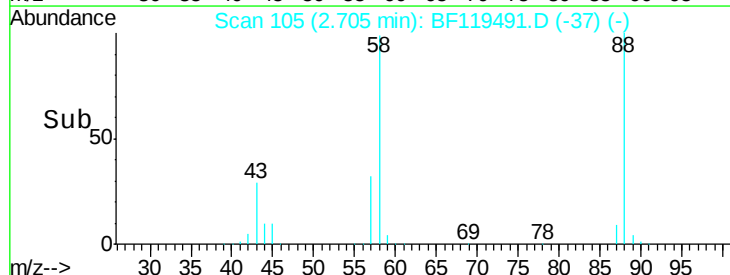
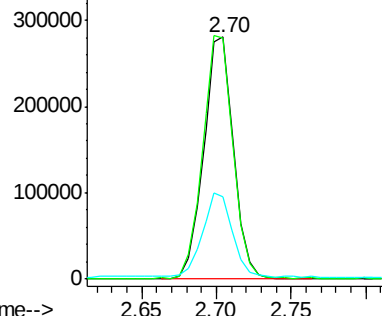
43 34.4 28.4 42.6

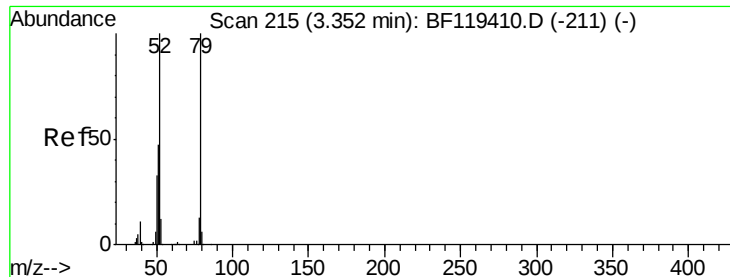


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.093 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.09 min

Lab File: BF119491.D

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5TH-STREET-SUBMS

Tot Ion: 79 Resp: 1046610

Ion Ratio Lower Upper

79 100

52 98.5 80.0 120.0

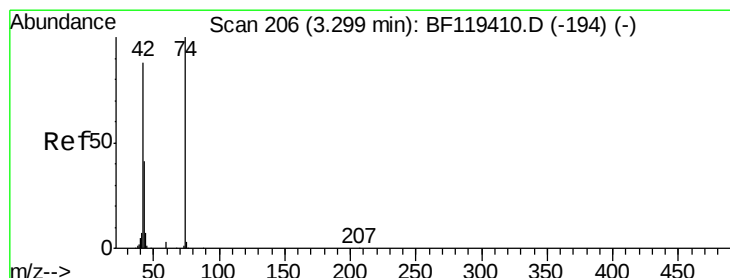
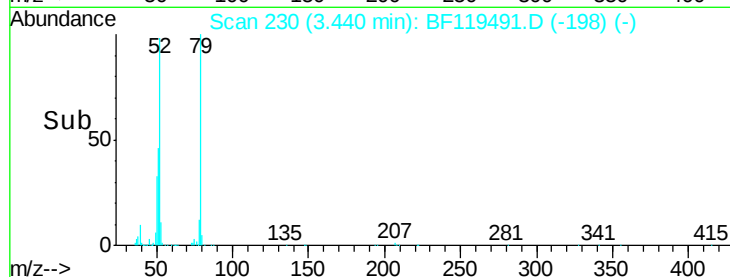
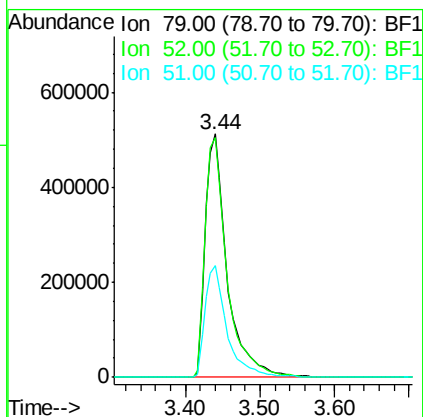
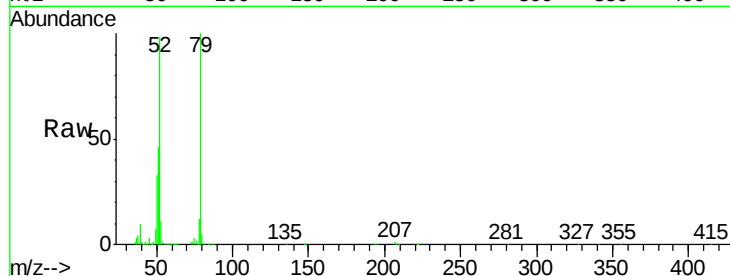
51 46.0 37.9 56.9

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#4

n-Nitrosodimethylamine

Concen: 41.777 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

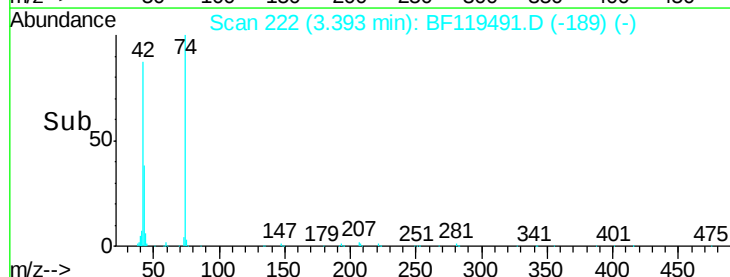
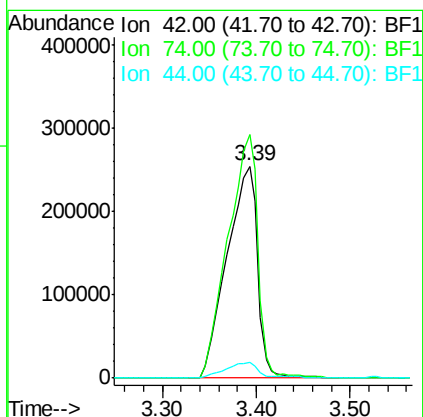
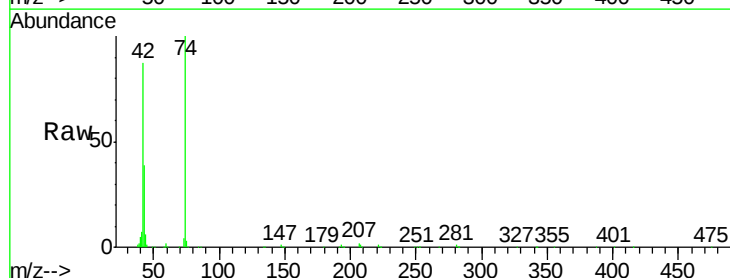
Tgt Ion: 42 Resp: 574846

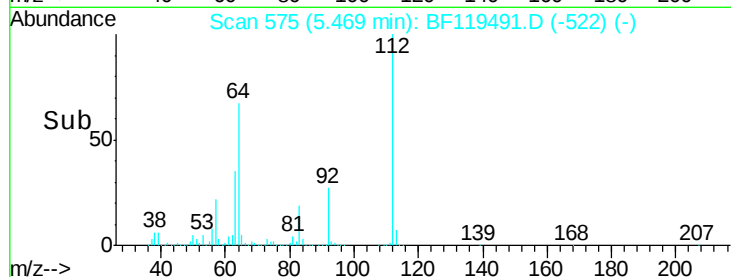
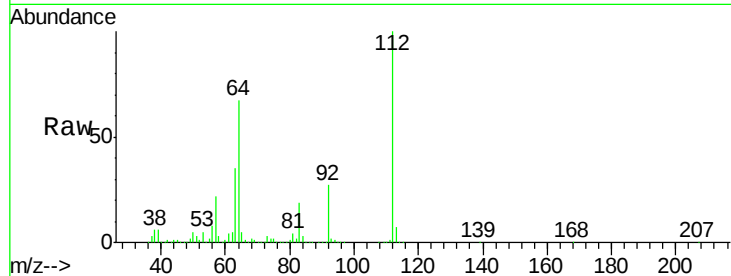
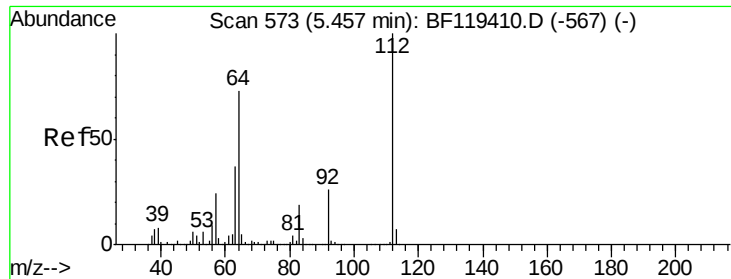
Ion Ratio Lower Upper

42 100

74 114.9 91.3 136.9

44 7.3 7.1 10.7





#5

2-Fluorophenol

Concen: 95.620 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Tot Ion:	112	Resp:	1982891
Ion Ratio	Lower	Upper	
112	100		
64	66.9	58.1	87.1
63	35.1	29.7	44.5

Instrument :

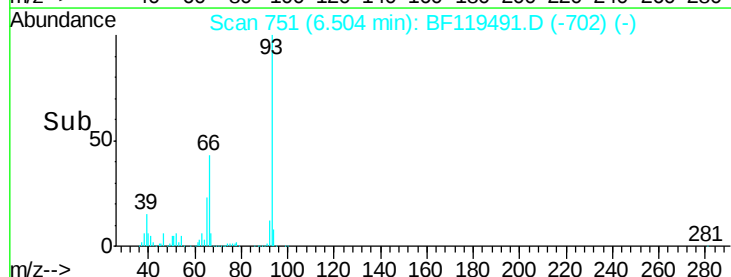
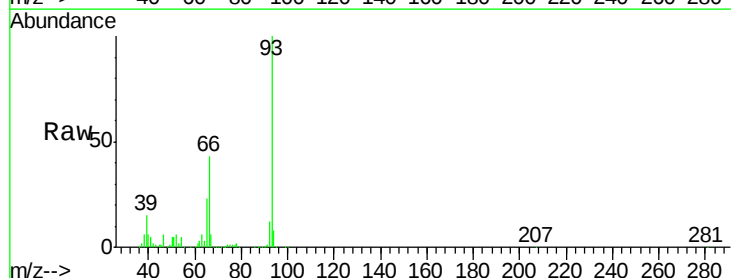
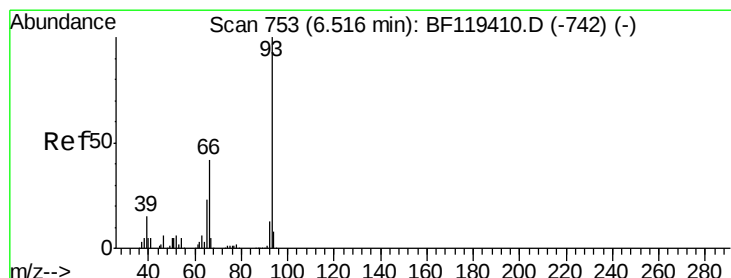
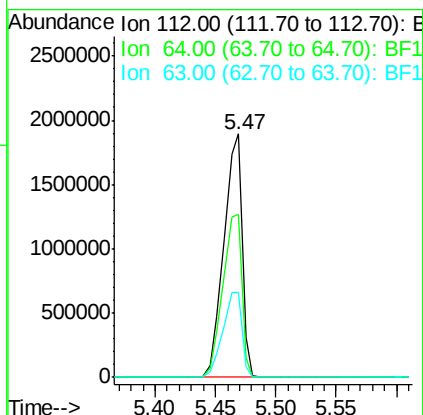
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5TH-STREET-SUBMS

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#6

Aniline

Concen: 23.122 ng

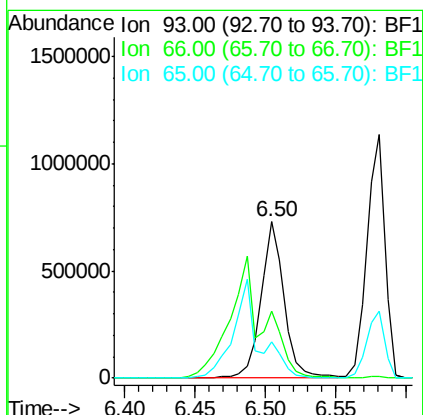
RT: 6.50 min Scan# 751

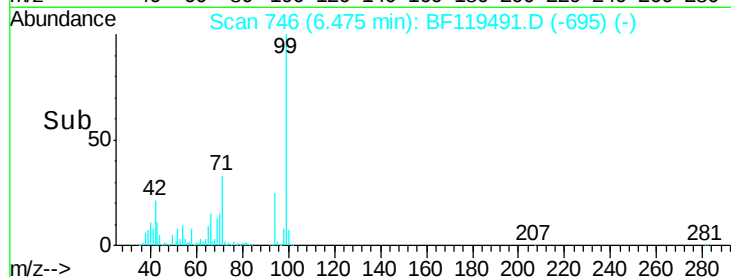
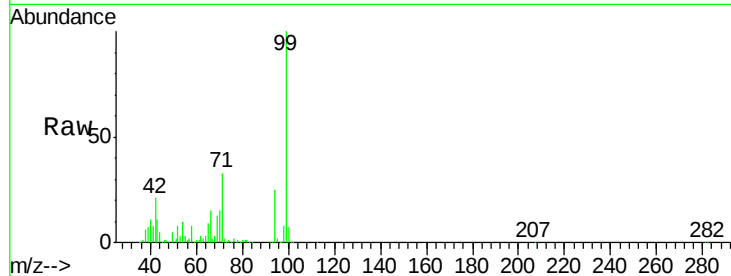
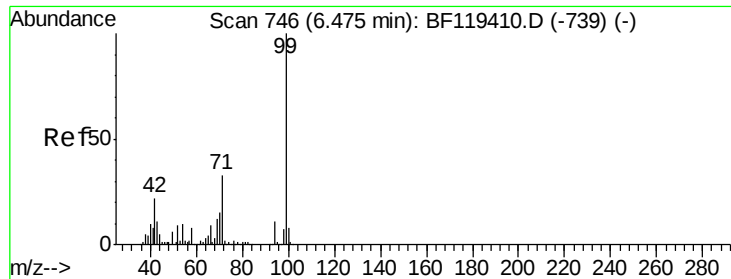
Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	93	Resp:	845364
Ion Ratio	Lower	Upper	
93	100		
66	42.9	34.2	51.4
65	22.9	18.2	27.4





#7

Phenol-d6

Concen: 97.165 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Tot Ion:	99	Resp:	2573930
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.8	26.6
71	33.1	26.0	39.0

Instrument :

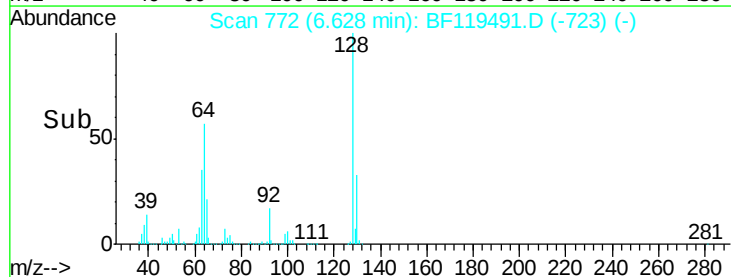
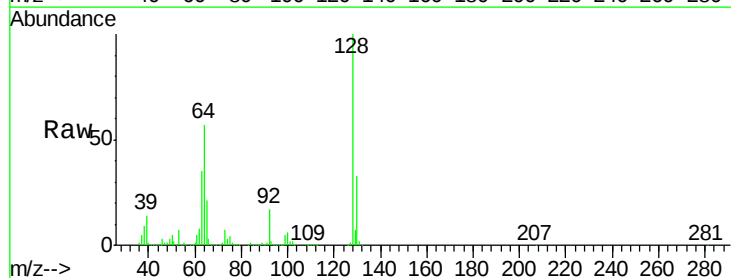
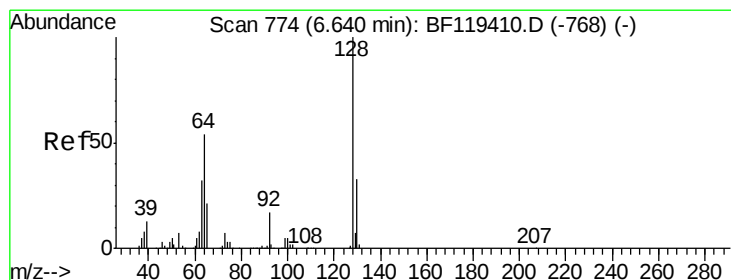
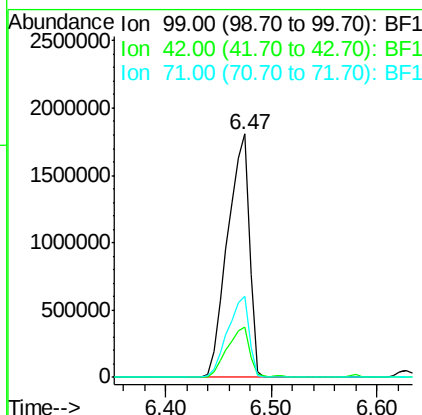
BNA_F

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#8

2-Chlorophenol

Concen: 48.138 ng

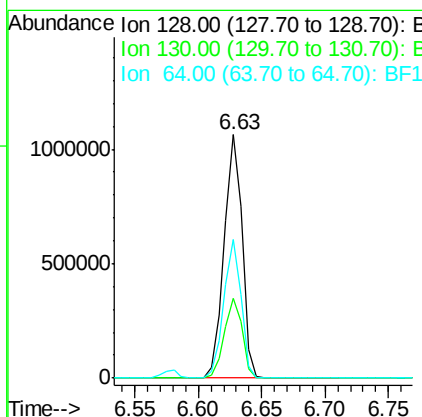
RT: 6.63 min Scan# 772

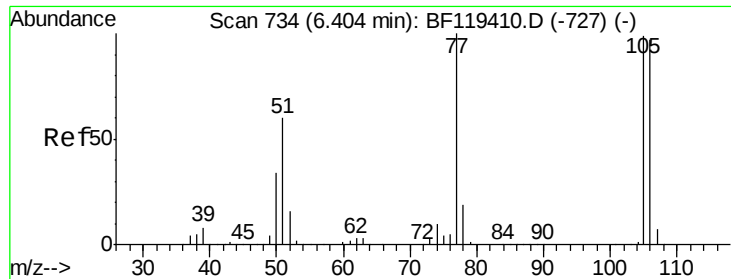
Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	128	Resp:	1048431
Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	56.9	35.1	75.1





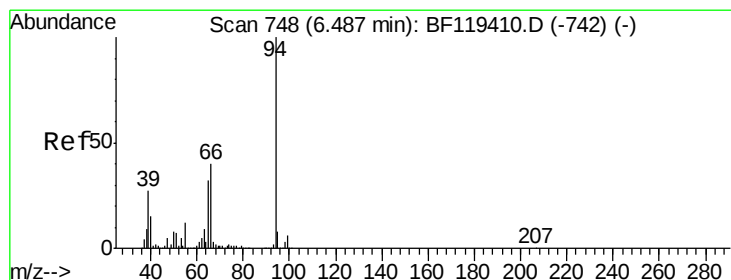
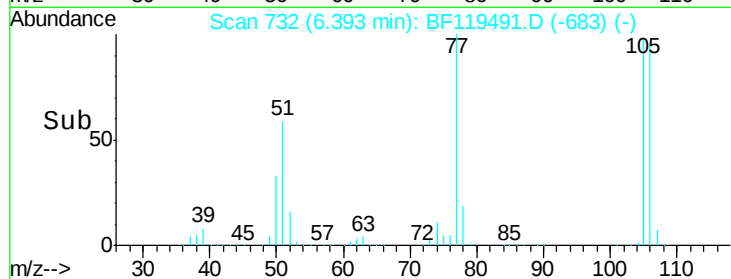
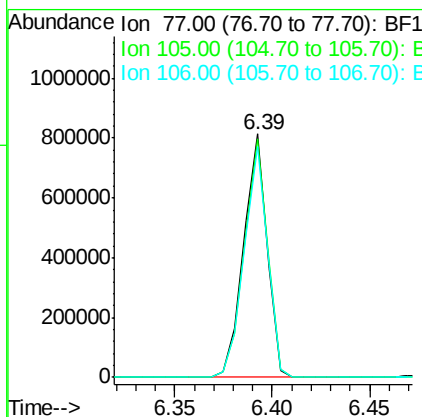
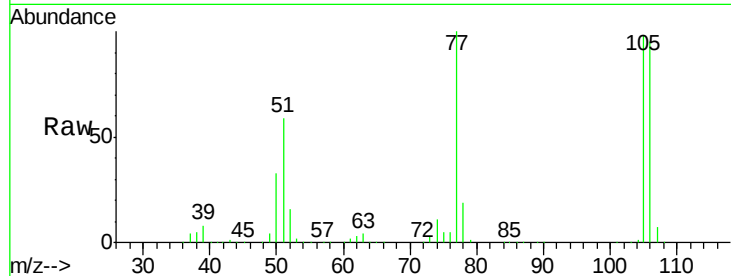
#9
Benzaldehyde
Concen: 40.206 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
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5TH-STREET-SUBMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.1	78.6	118.6		
106	95.0	76.5	116.5		

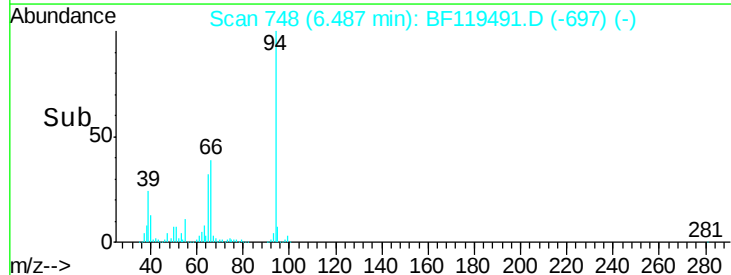
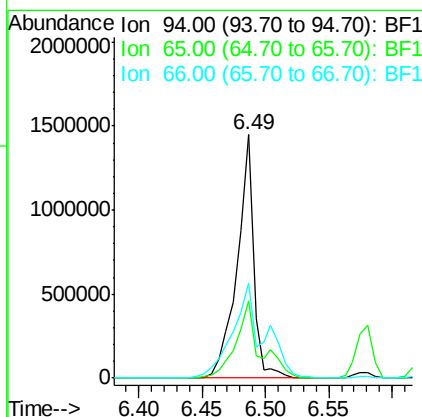
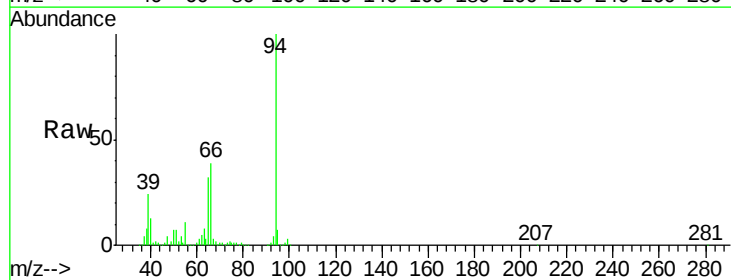
Manual Integrations
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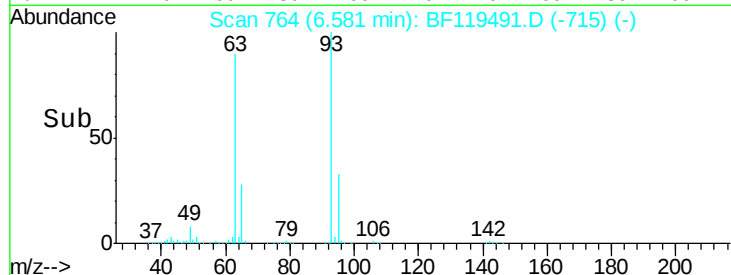
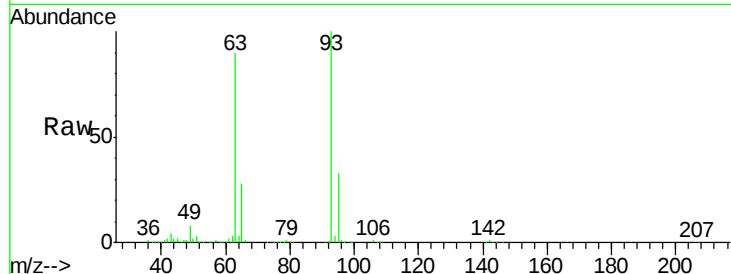
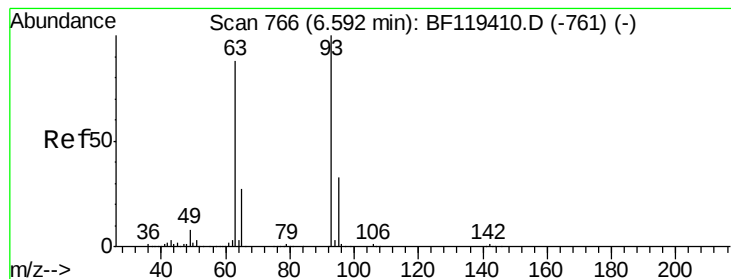
mohammad
3/25/2020 12:29:54 PM



#10
Phenol
Concen: 46.606 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.9	12.0	52.0		
66	39.2	20.6	60.6		





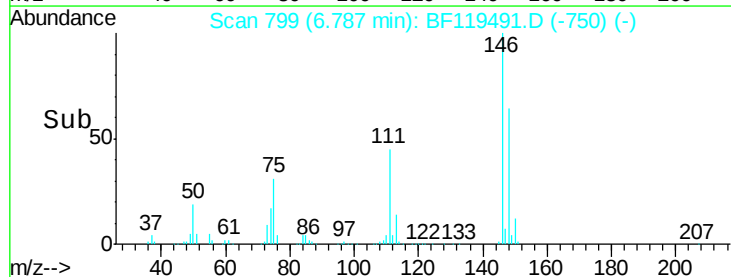
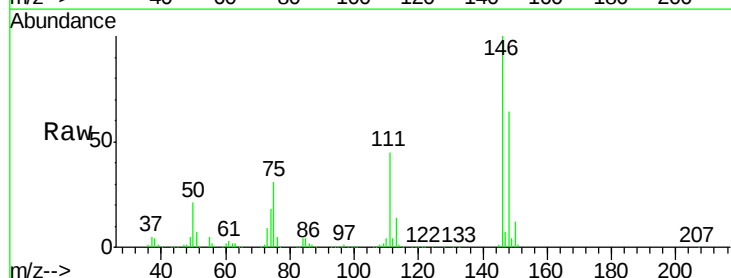
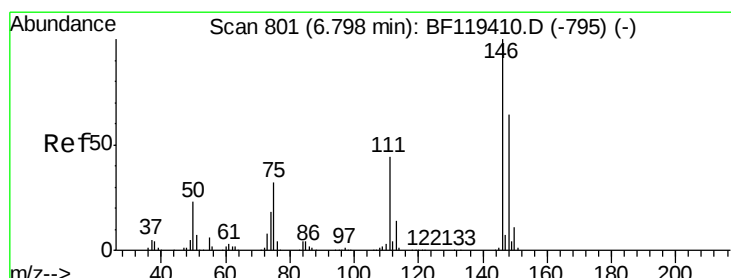
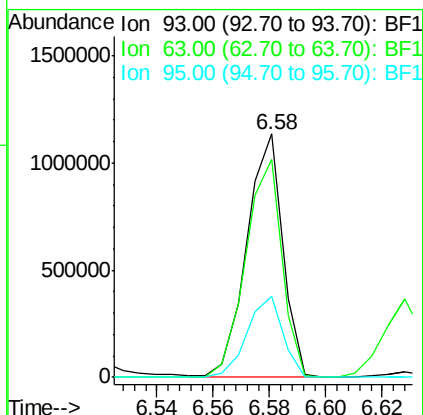
#11
bis(2-Chloroethyl)ether
Concen: 44.256 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	68.4	108.4
95	33.1	13.4	53.4

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

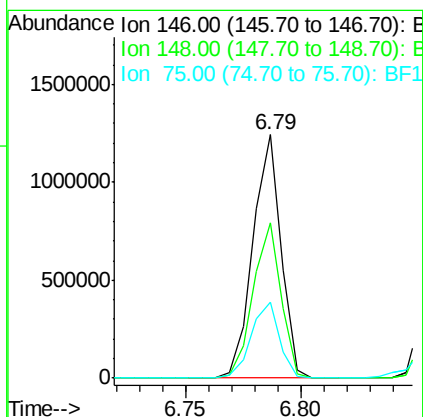
Manual Integrations
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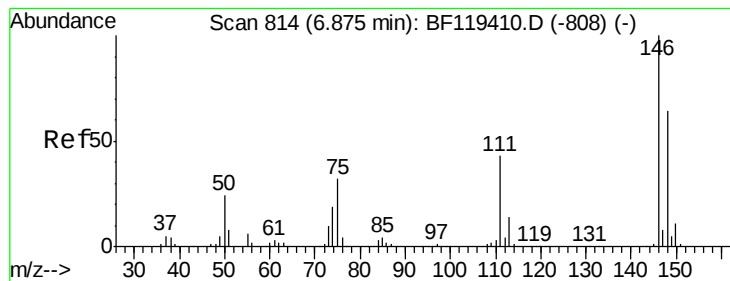
mohammad
3/25/2020 12:29:54 PM



#12
1,3-Dichlorobenzene
Concen: 44.807 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	31.1	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 45.235 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:146 Resp: 1066565

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

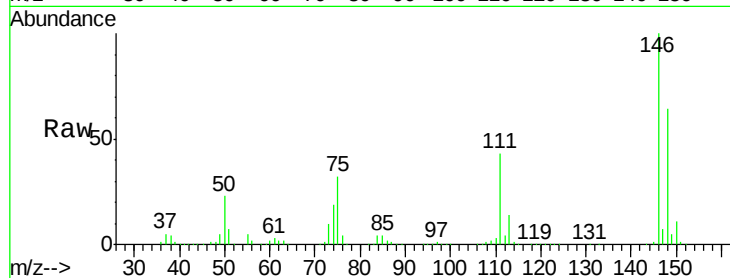
111 42.9 34.6 52.0

Manual Integrations

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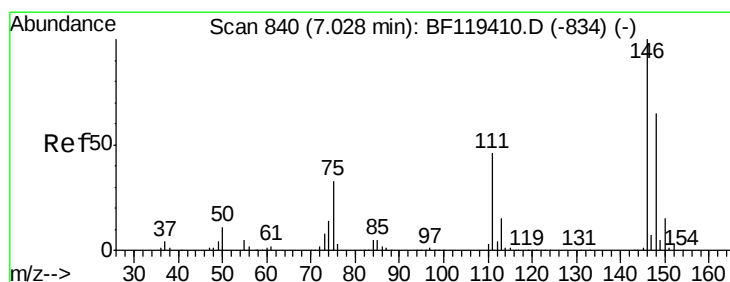
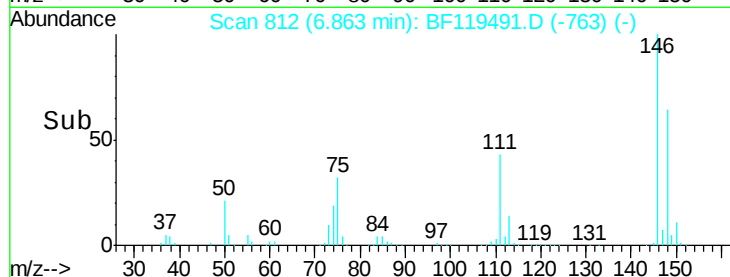
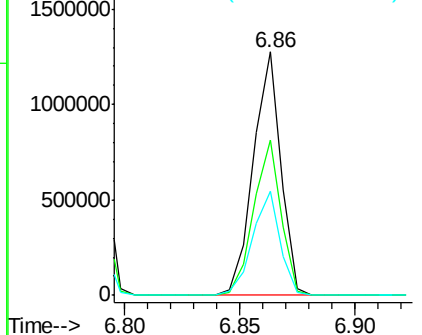
3/25/2020 12:29:54 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.251 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

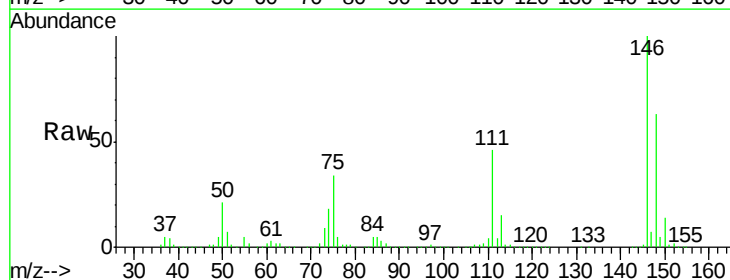
Tgt Ion:146 Resp: 997272

Ion Ratio Lower Upper

146 100

148 63.2 51.7 77.5

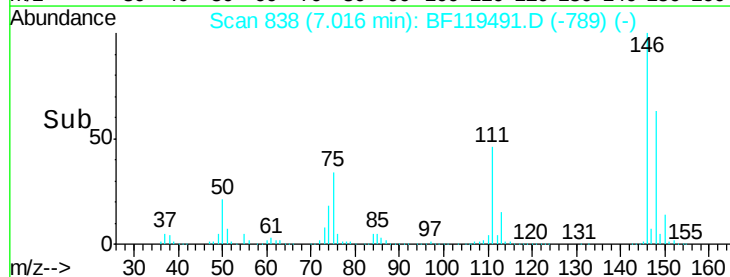
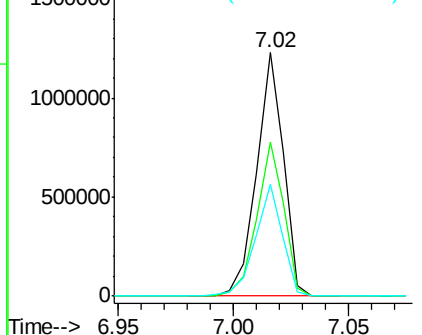
111 45.8 36.4 54.6

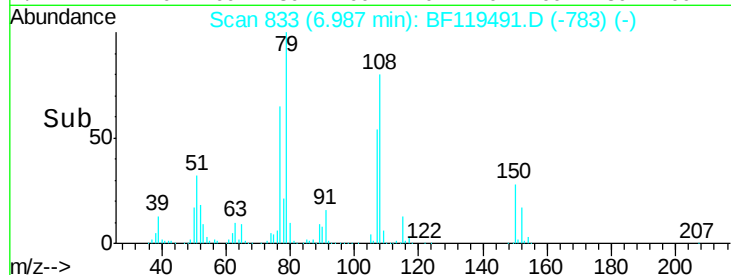
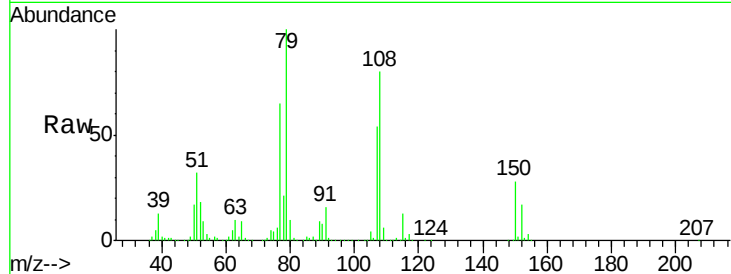
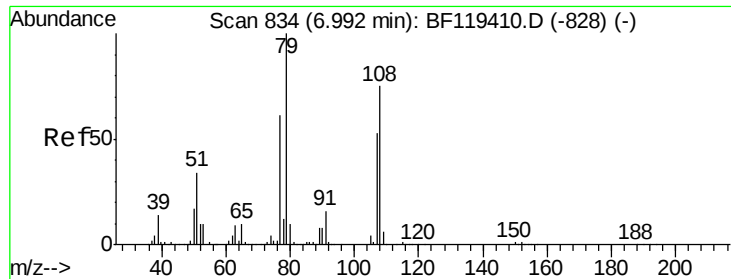


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





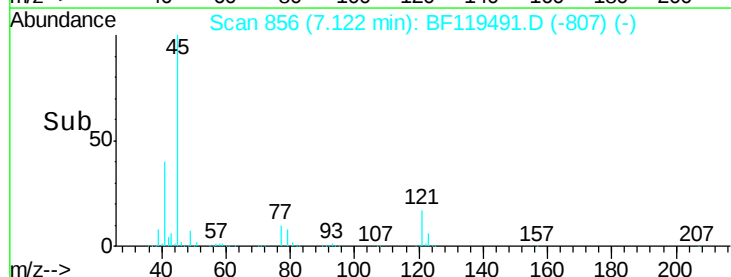
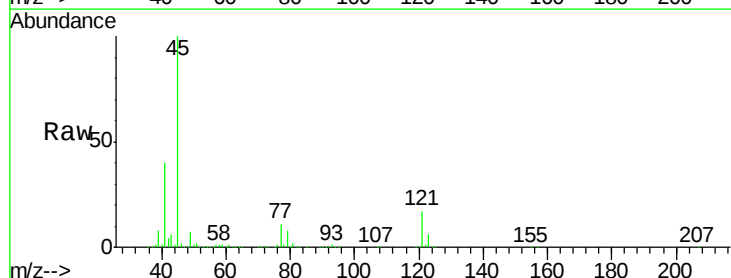
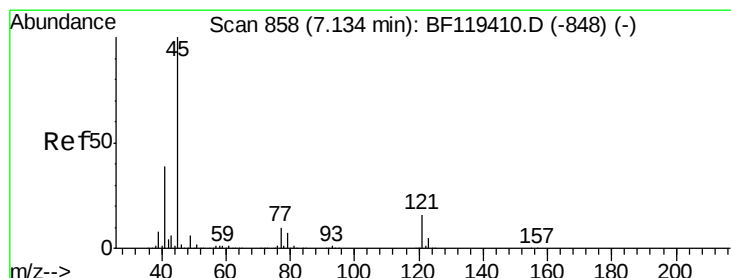
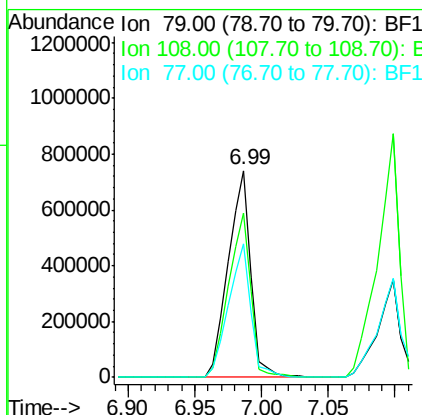
#15
Benzyl Alcohol
Concen: 44.278 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tot Ion	Ratio	Resp	Lower	Upper
79	100	882314		
108	79.6	60.4	90.6	
77	64.9	49.0	73.4	

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

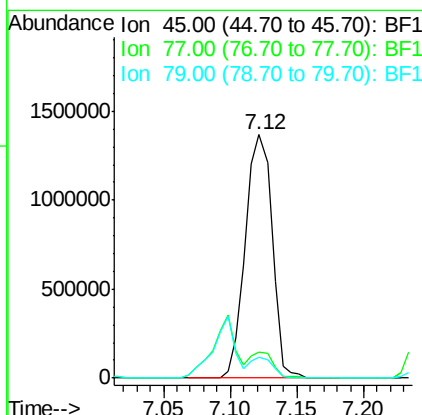
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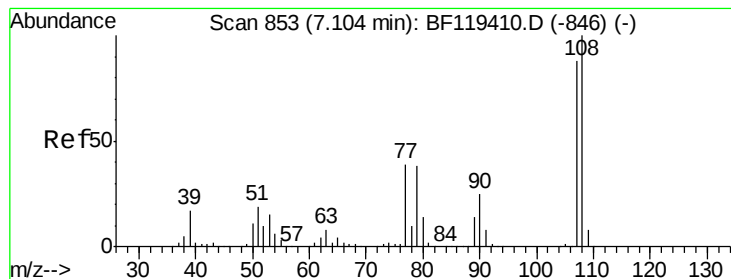
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.498 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1892277		
77	10.6	0.0	30.1	
79	8.5	0.0	27.4	





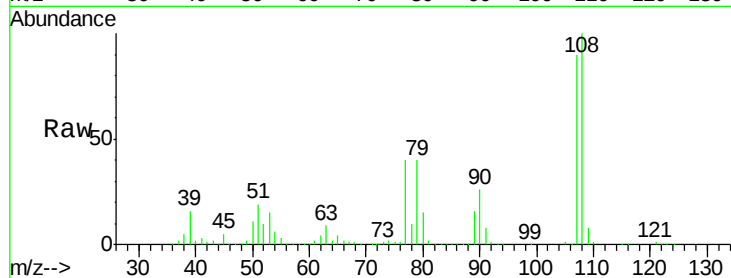
#17
2-Methylphenol
Concen: 42.639 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

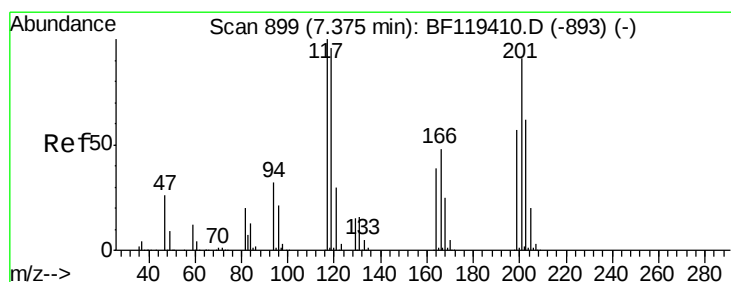
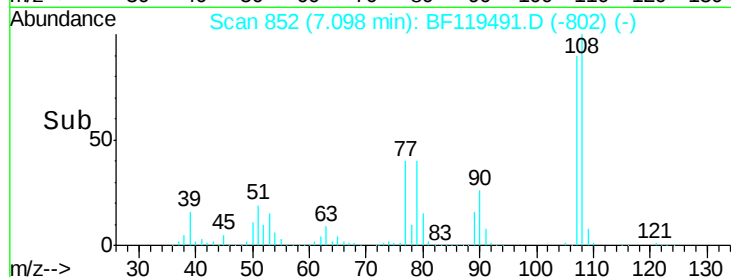
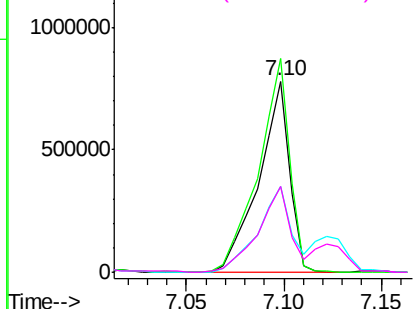
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	90.7	136.1	
77	45.1	35.6	53.4	
79	44.9	34.7	52.1	

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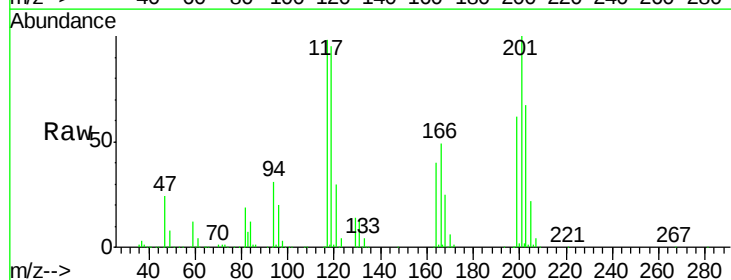


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

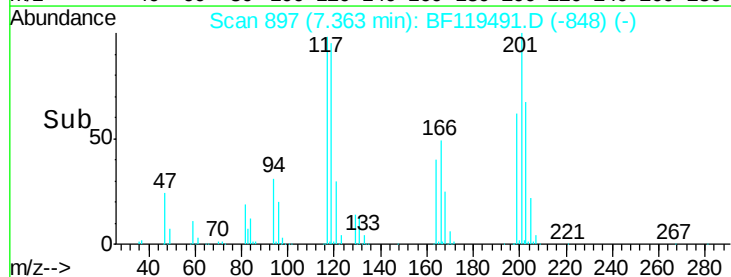
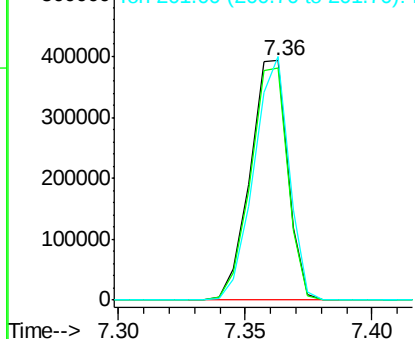


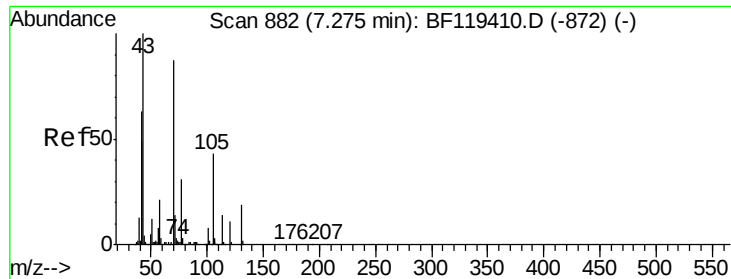
#18
Hexachloroethane
Concen: 47.241 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.8	115.2	
201	101.6	72.5	108.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





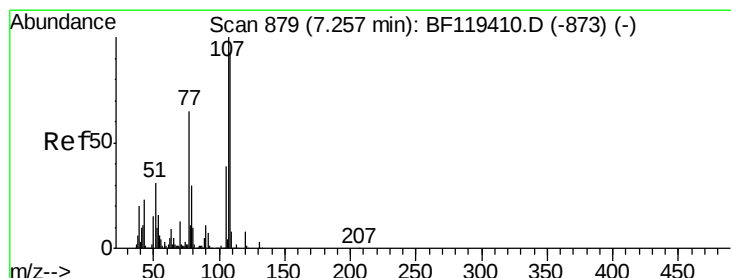
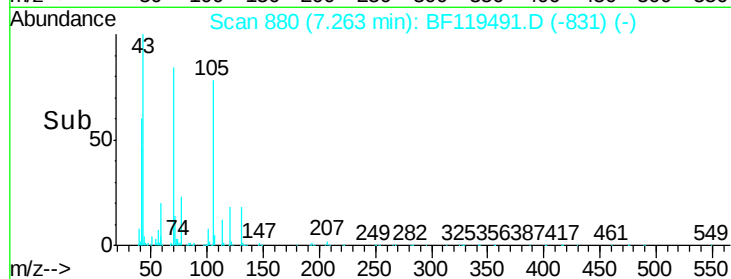
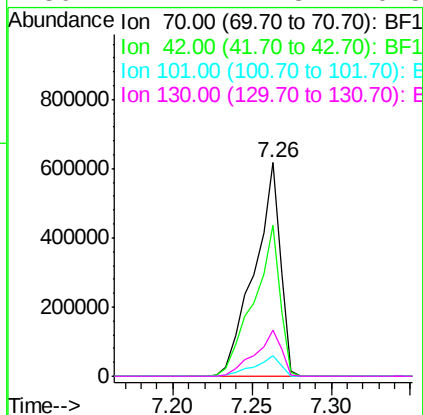
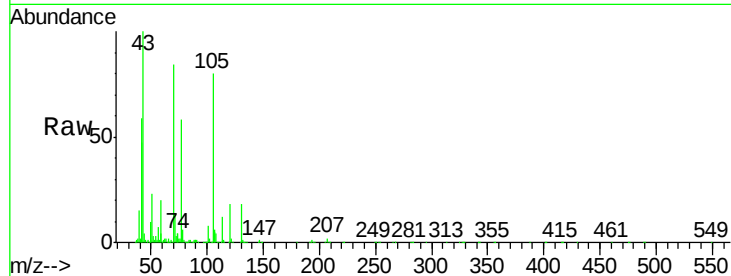
#19
n-Nitroso-di-n-propylamine
Concen: 44.763 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.7	58.2	87.4
101	9.4	7.4	11.2
130	21.7	17.8	26.8

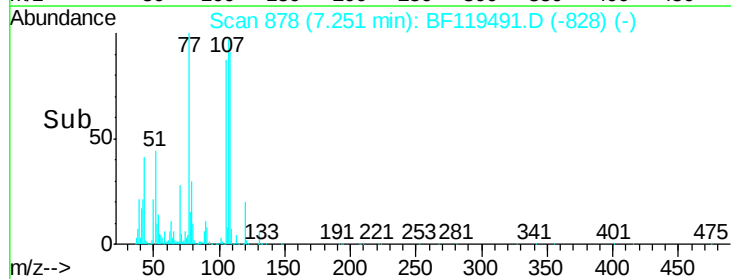
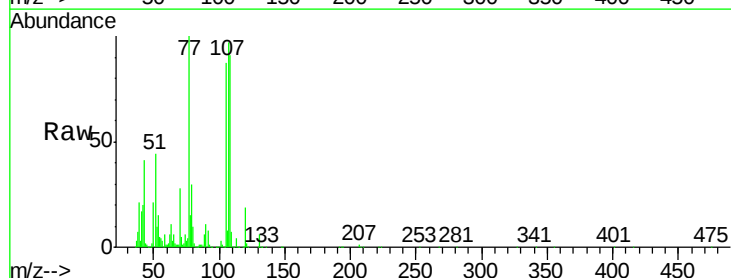
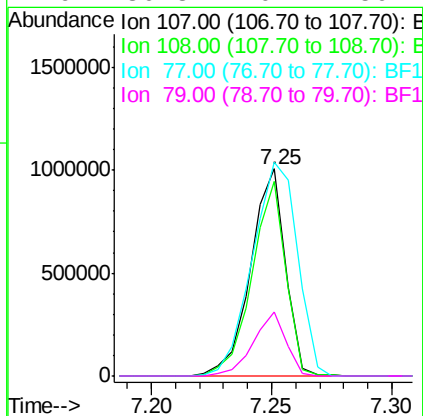
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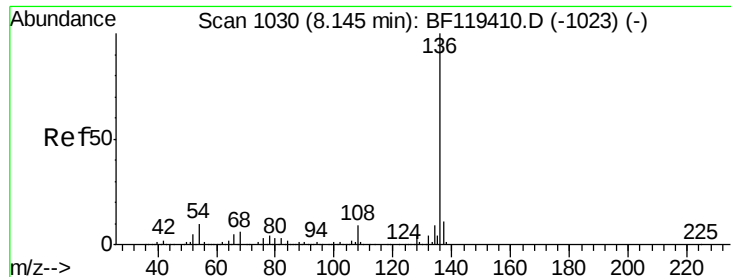
mohammad
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#20
3+4-Methylphenols
Concen: 41.475 ng m
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	72.6	112.6
77	103.3	44.7	84.7
79	30.8	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

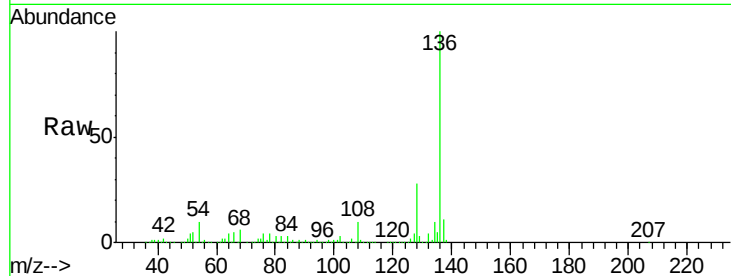
ClientSampleId :

5TH-STREET-SUBMS

Tot Ion	136	Resp	1257794
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.1	8.3	12.5
68	5.9	4.9	7.3

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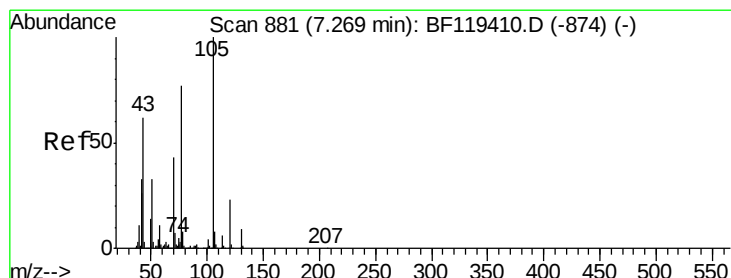
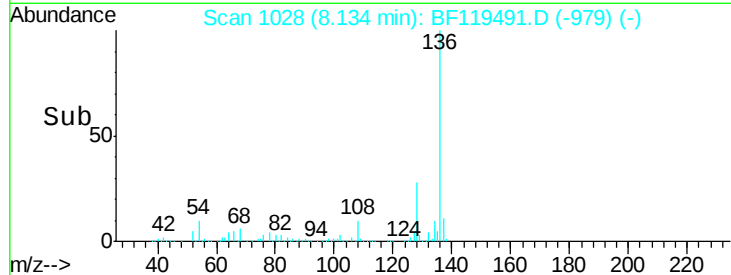
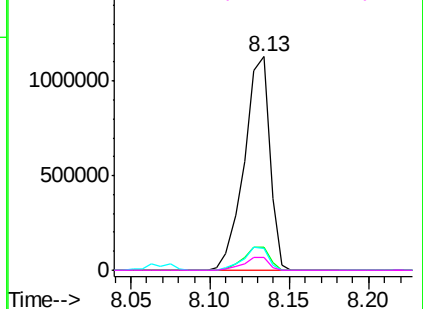


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.578 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

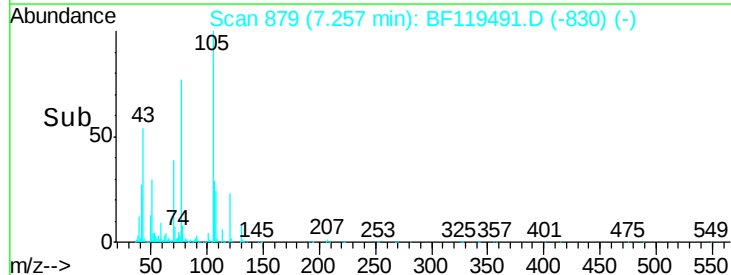
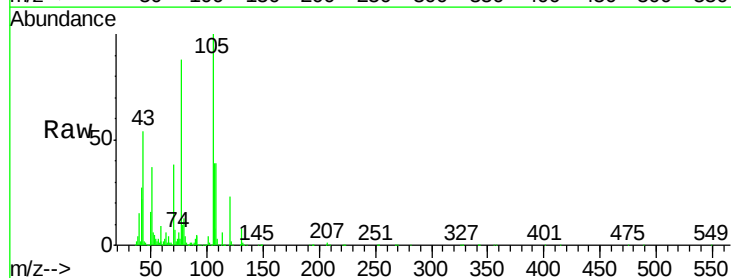
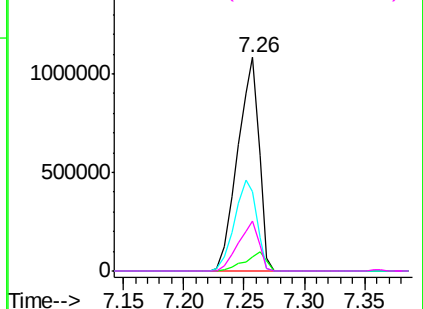
Tgt Ion	105	Resp	1339765
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.8	8.6
51	36.9	26.8	40.2
120	23.2	18.0	27.0

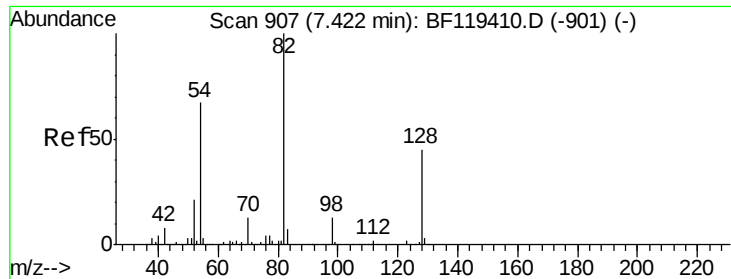
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





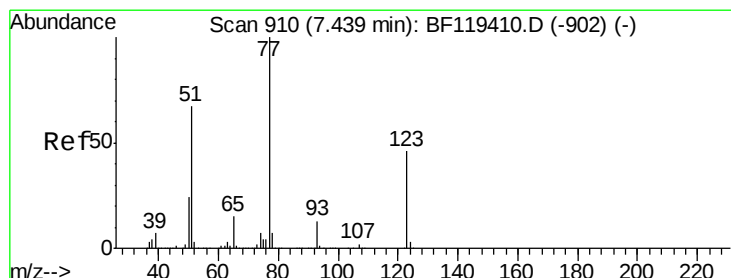
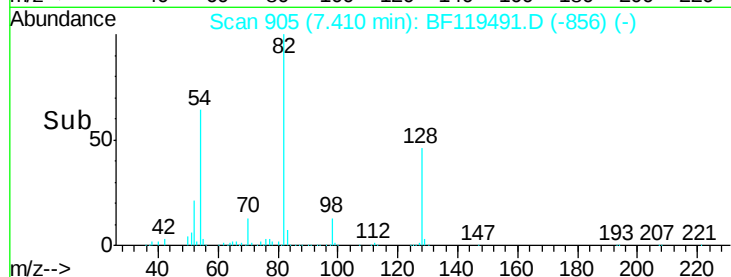
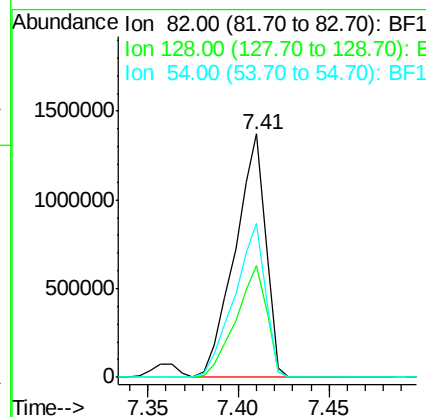
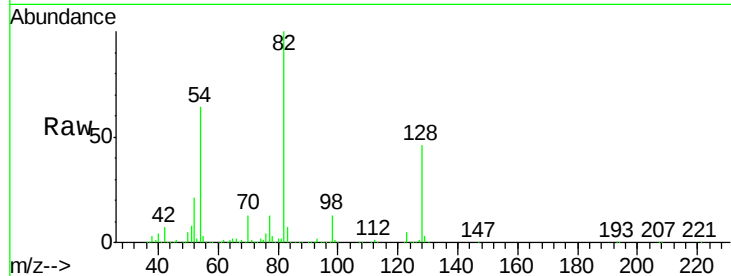
#23
 Nitrobenzene-d5
 Concen: 69.823 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Tot Ion: 82 Resp: 1615946
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.8 53.8
 54 63.5 53.4 80.0

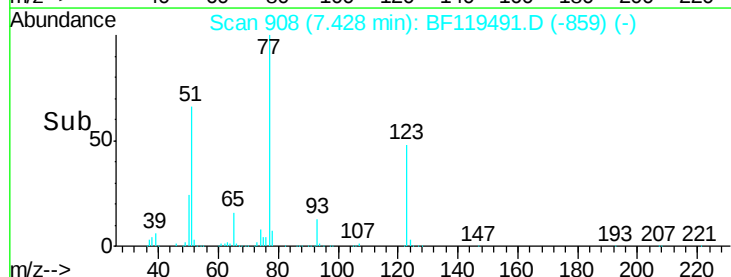
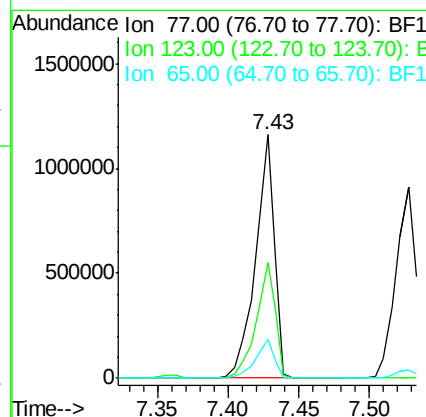
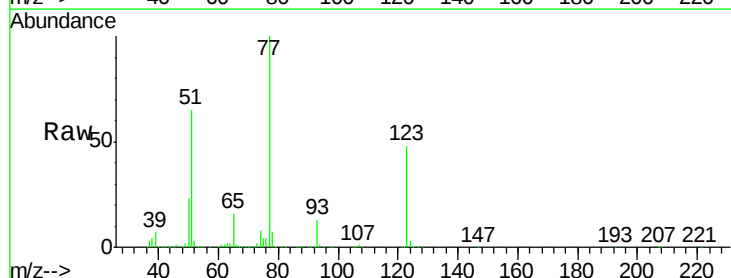
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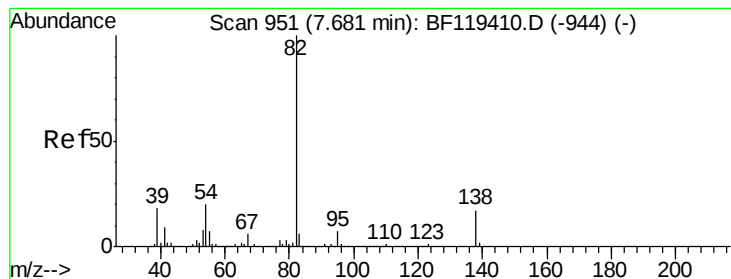
mohammad
 3/25/2020 12:29:54 PM



#24
 Nitrobenzene
 Concen: 44.052 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Tgt Ion: 77 Resp: 1089531
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.9 55.3
 65 15.9 12.2 18.4





#25

Isophorone

Concen: 42.674 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion: 82 Resp: 2003413

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

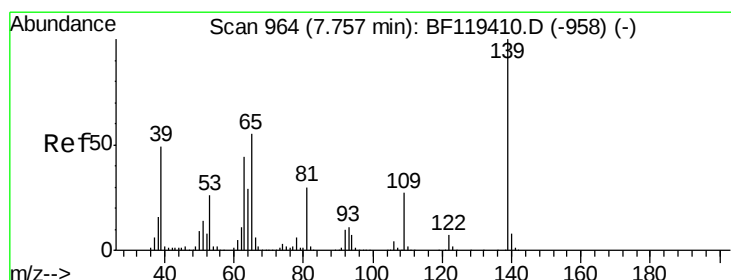
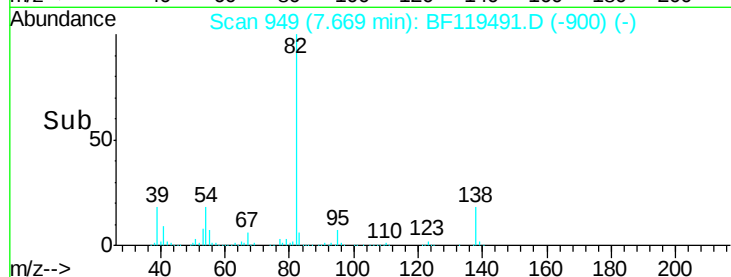
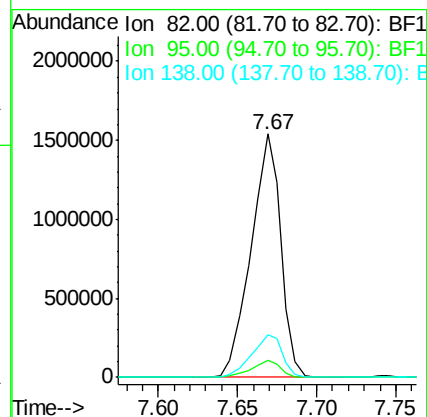
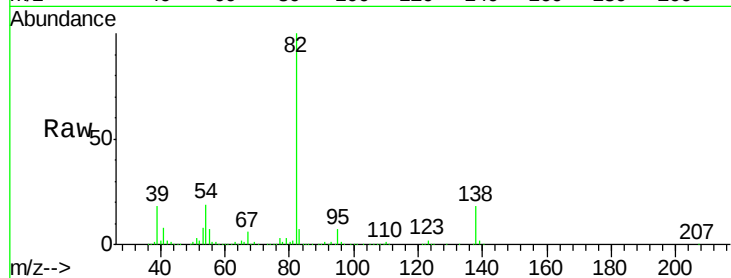
138 17.7 13.8 20.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 56.107 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

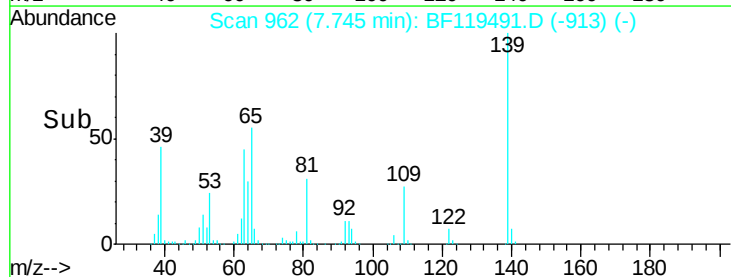
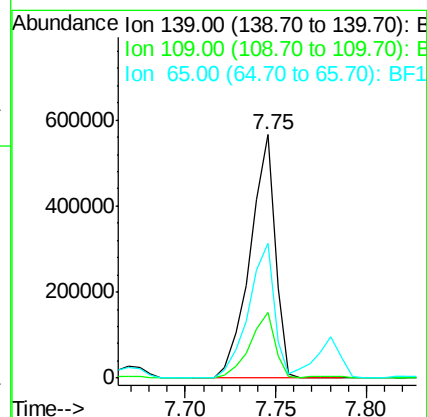
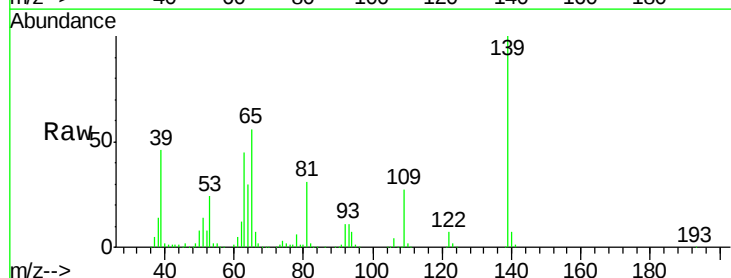
Tgt Ion: 139 Resp: 546396

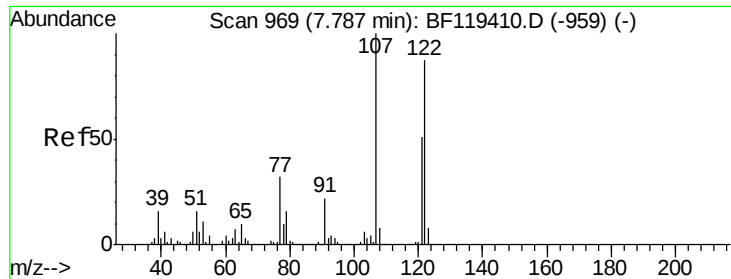
Ion Ratio Lower Upper

139 100

109 27.2 21.7 32.5

65 55.6 43.9 65.9





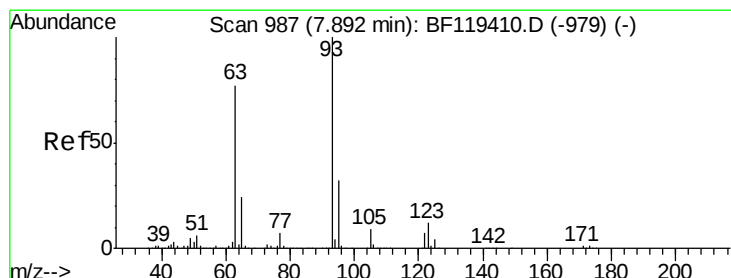
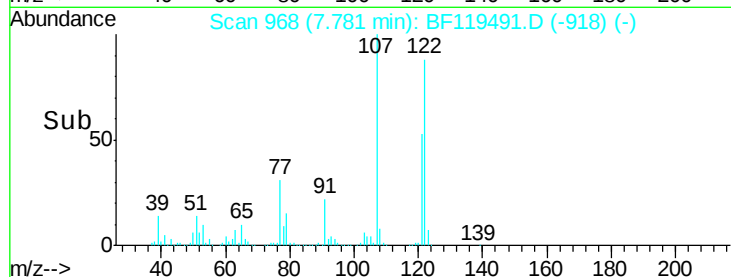
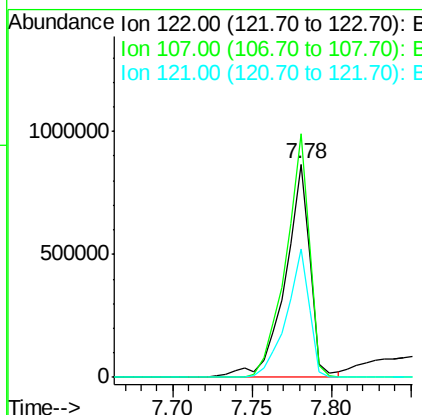
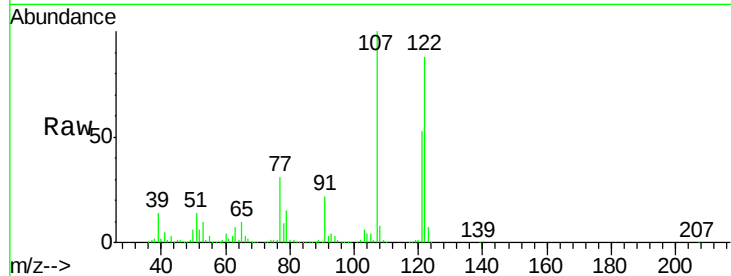
#27
2,4-Dimethylphenol
Concen: 46.869 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	943774		
107	114.1		91.8	137.6
121	60.0		46.5	69.7

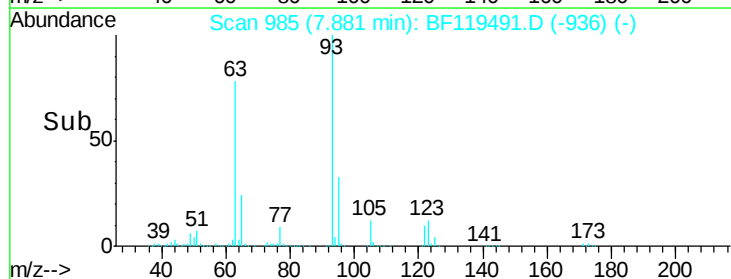
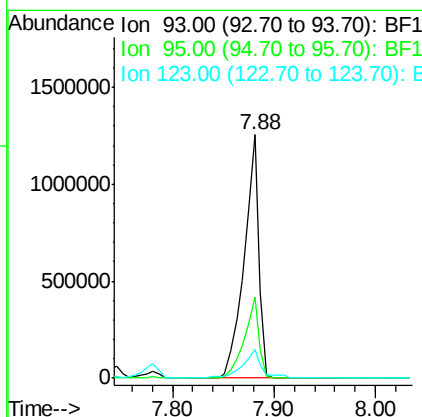
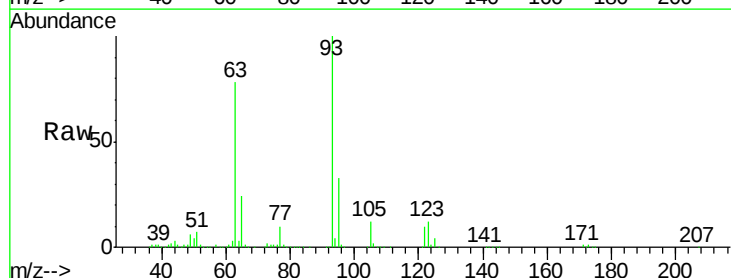
Manual Integrations
APPROVED

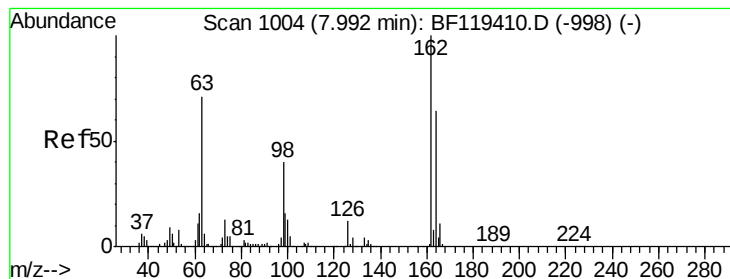
mohammad
3/25/2020 12:29:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.363 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1259336		
95	33.3		26.0	39.0
123	11.7		9.7	14.5





#29

2,4-Dichlorophenol

Concen: 46.062 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:162 Resp: 852247
Ion Ratio Lower Upper

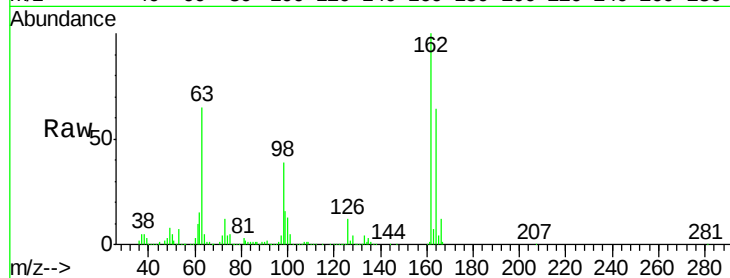
162 100

164 64.4 43.6 83.6

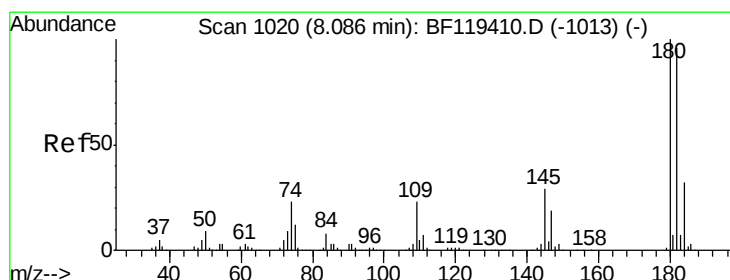
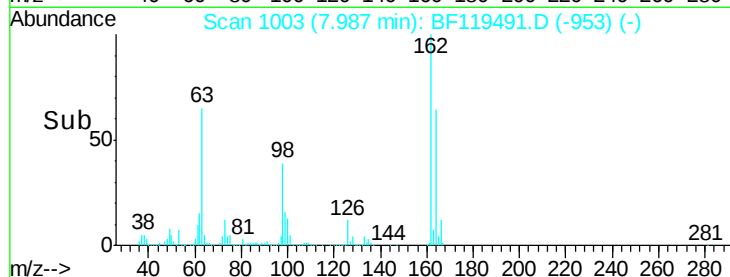
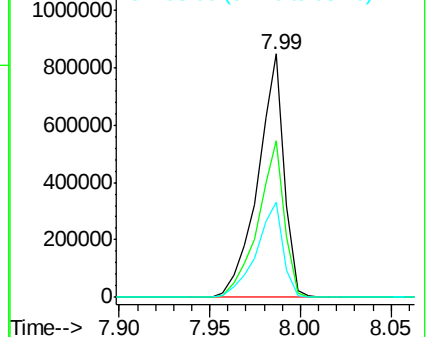
98 39.0 20.4 60.4

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.018 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF119491.D

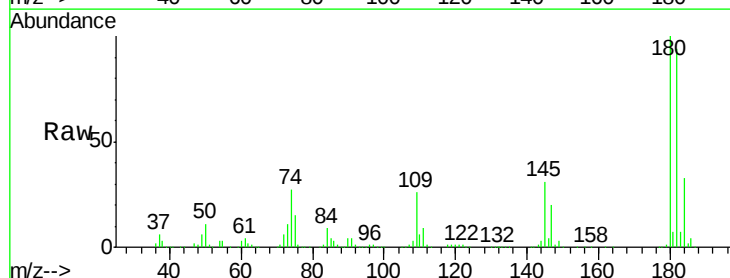
Acq: 24 Mar 2020 17:05

Tgt Ion:180 Resp: 921151
Ion Ratio Lower Upper

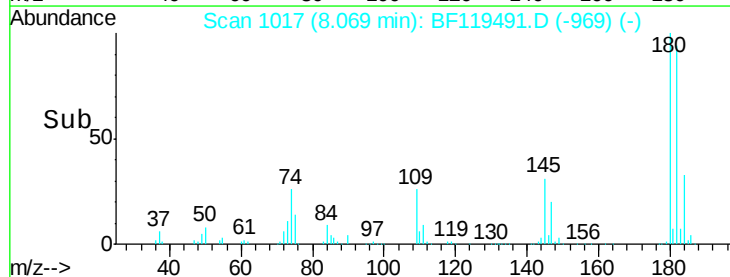
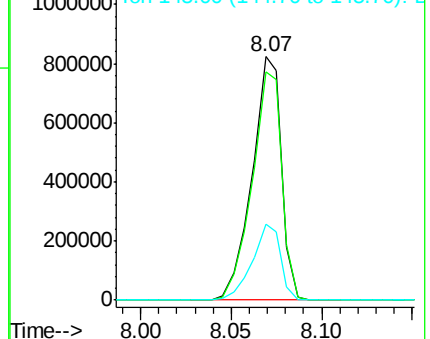
180 100

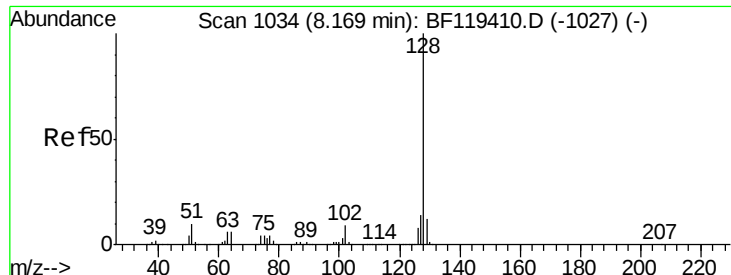
182 93.6 76.6 115.0

145 31.1 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





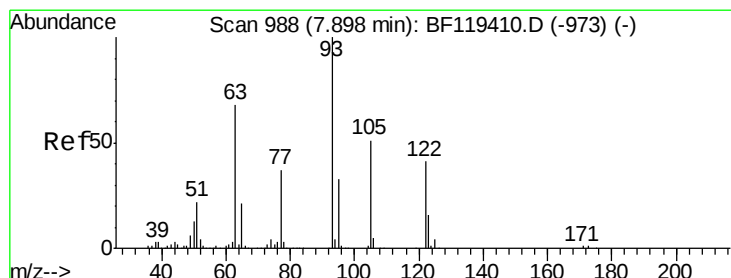
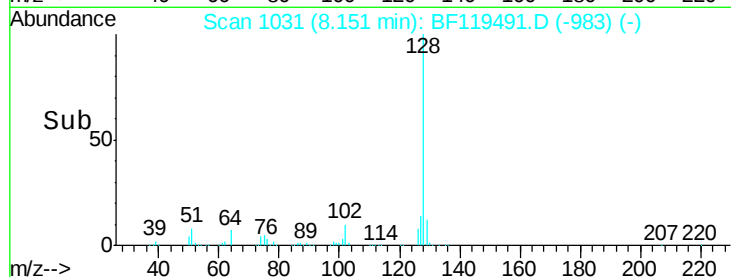
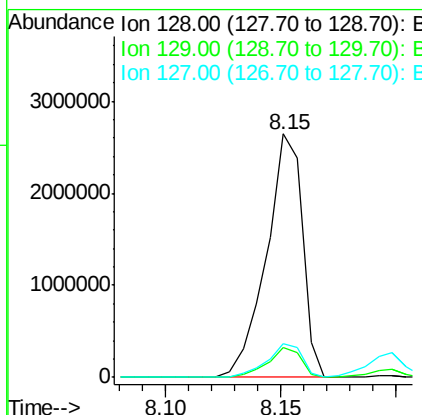
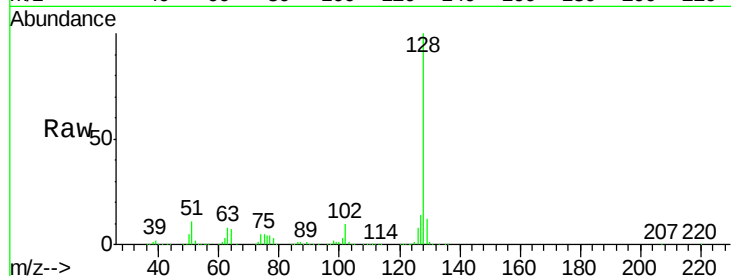
#31
Naphthalene
Concen: 44.342 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	14.1	11.0	16.4

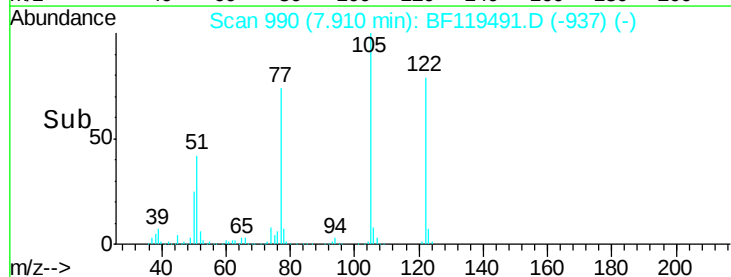
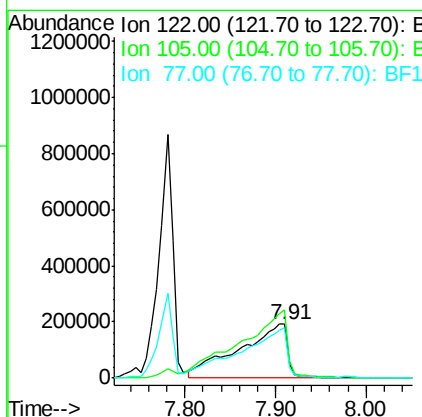
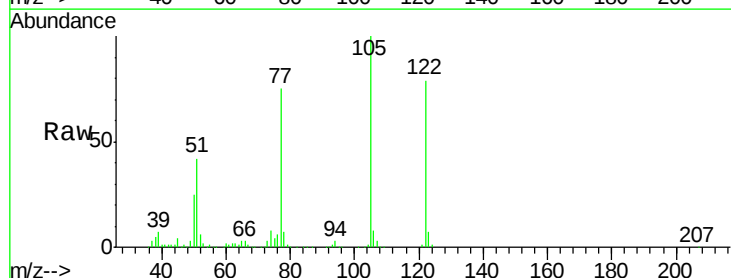
Manual Integrations
APPROVED

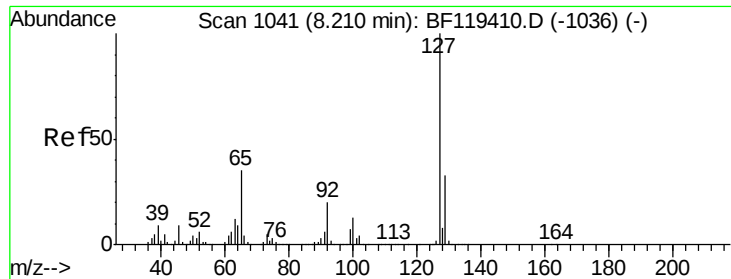
mohammad
3/25/2020 12:29:54 PM



#32
Benzoic acid
Concen: 54.893 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.7	102.9	142.9
77	94.8	70.1	110.1





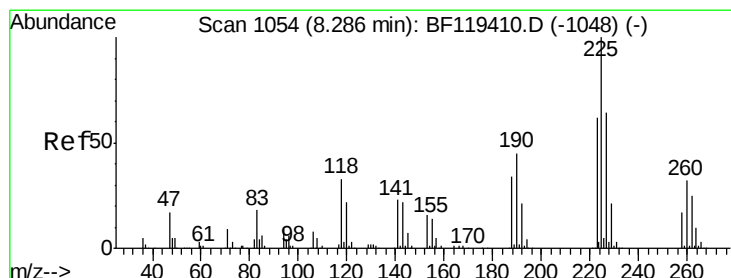
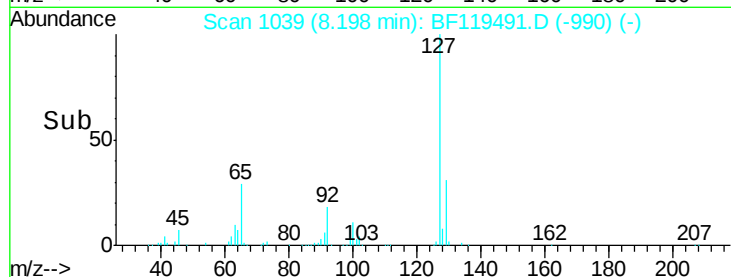
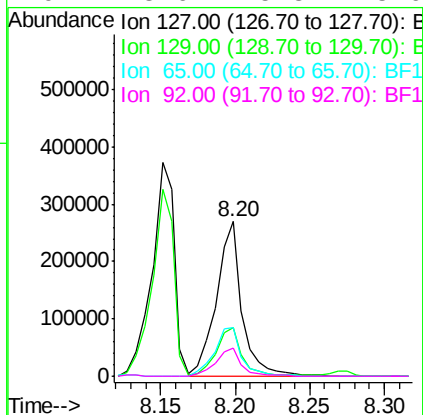
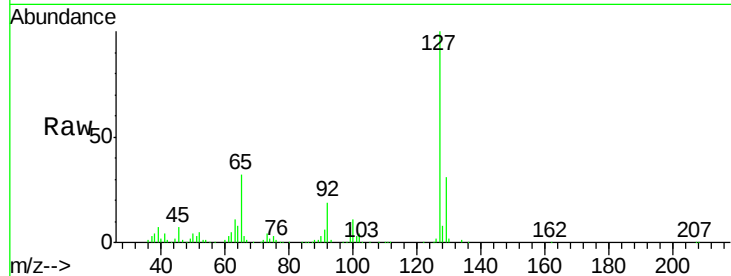
#33
4-Chloroaniline
Concen: 10.905 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.4		
65	31.7	27.7	41.5		
92	18.6	15.8	23.6		

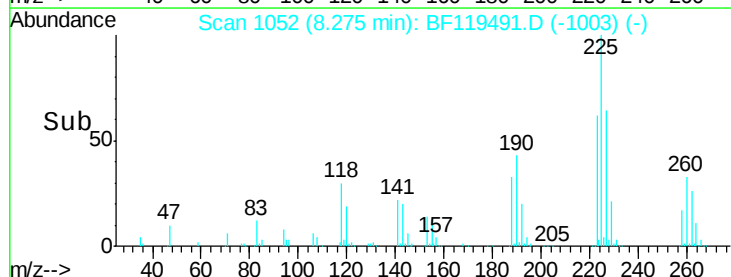
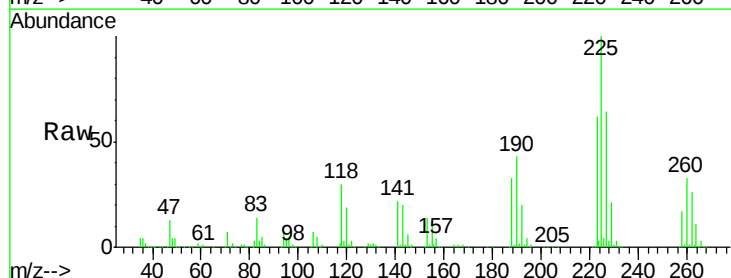
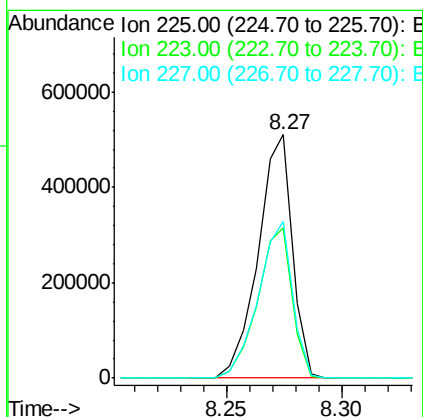
Manual Integrations
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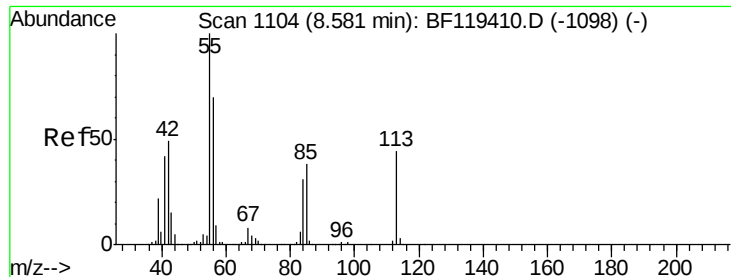
mohammad
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#34
Hexachlorobutadiene
Concen: 46.053 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.2	73.8		
227	64.1	51.1	76.7		





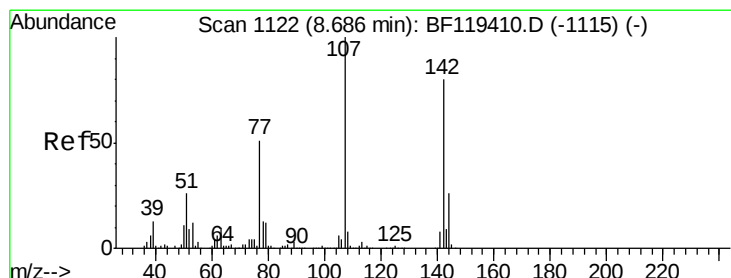
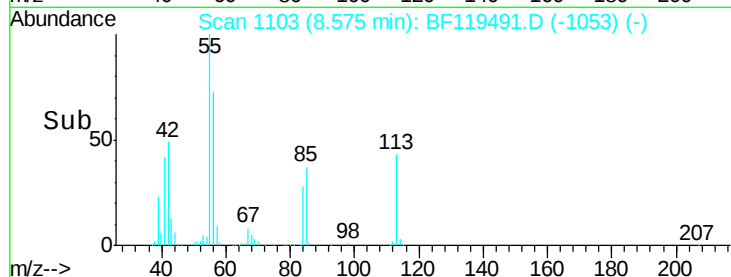
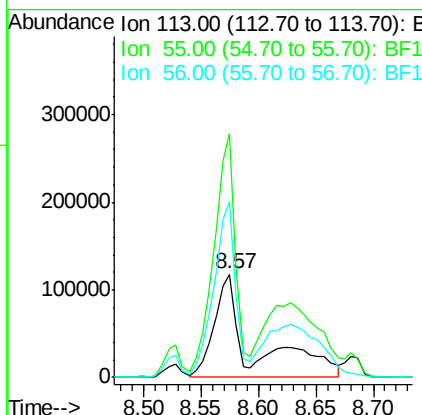
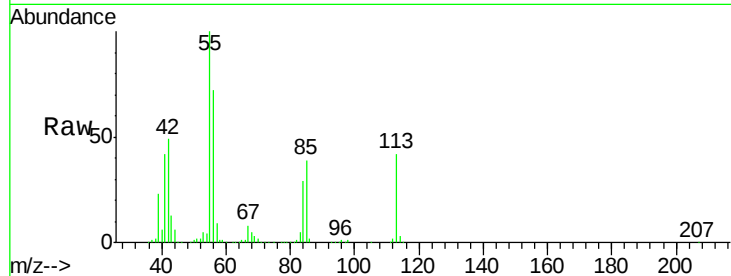
#35
Caprolactam
Concen: 45.469 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.4	208.4	248.4
56	170.4	138.9	178.9

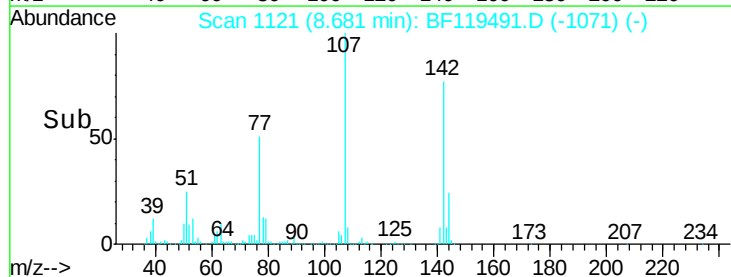
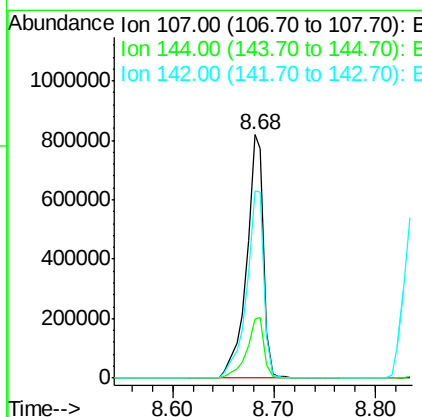
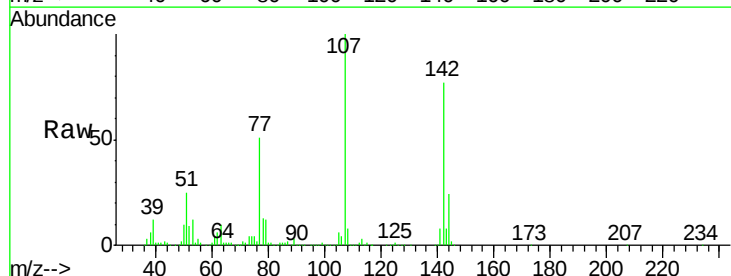
Manual Integrations
APPROVED

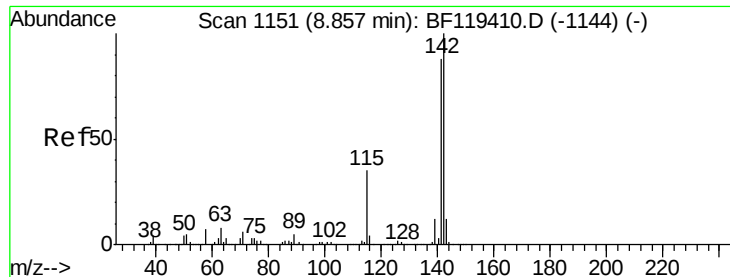
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.606 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.6	31.0
142	77.1	63.8	95.6





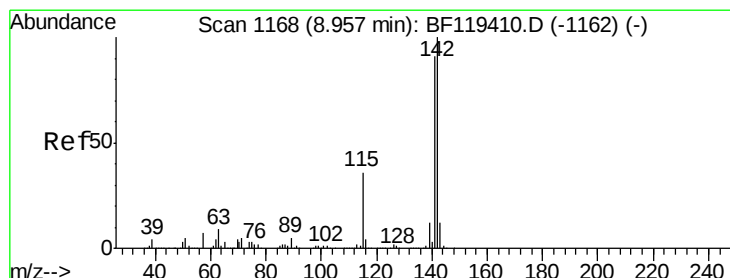
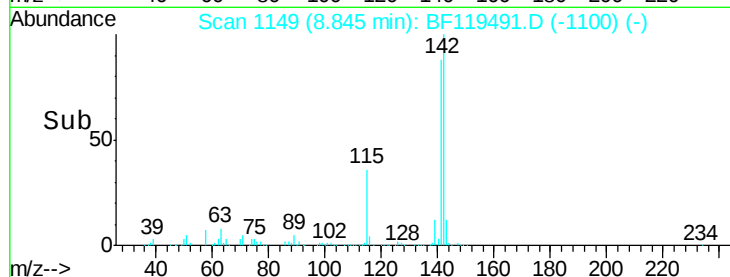
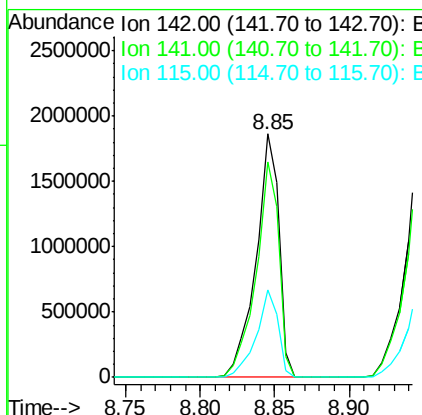
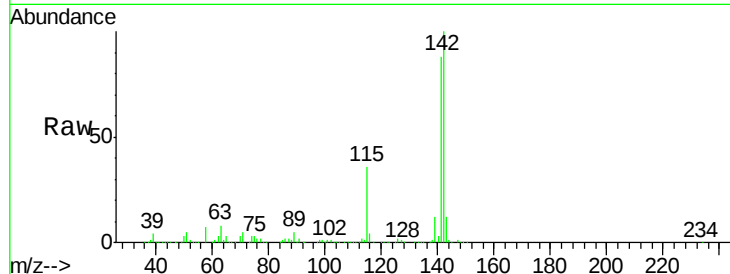
#37
2-Methylnaphthalene
Concen: 46.138 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	35.8	27.8	41.6

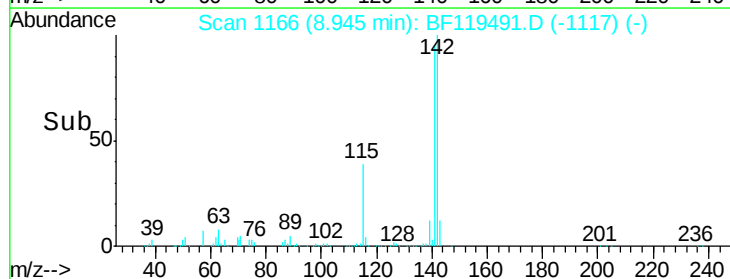
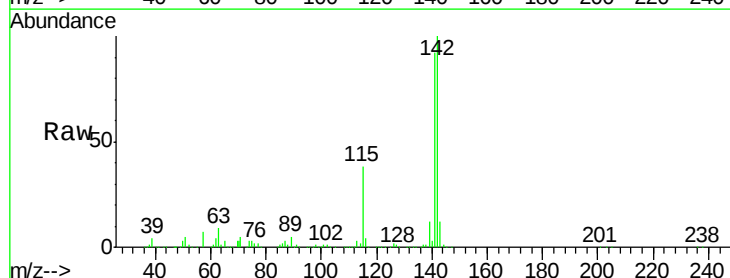
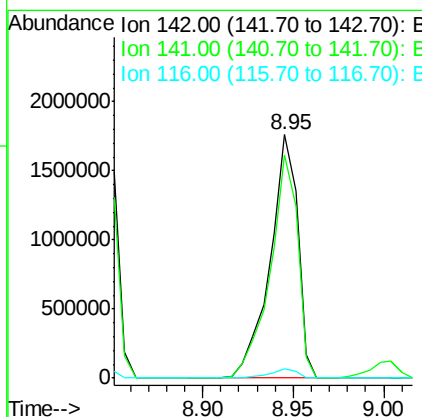
Manual Integrations
APPROVED

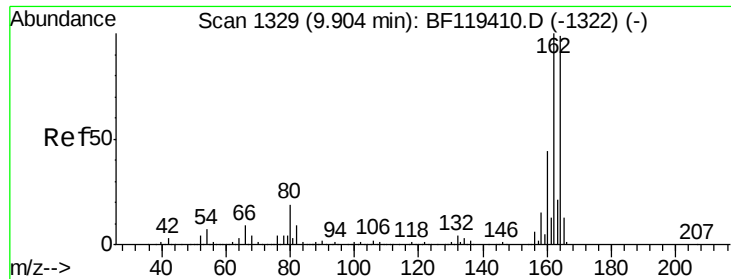
mohammad
3/25/2020 12:29:54 PM



#38
1-Methylnaphthalene
Concen: 46.450 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.1	109.7
116	3.8	3.0	4.6





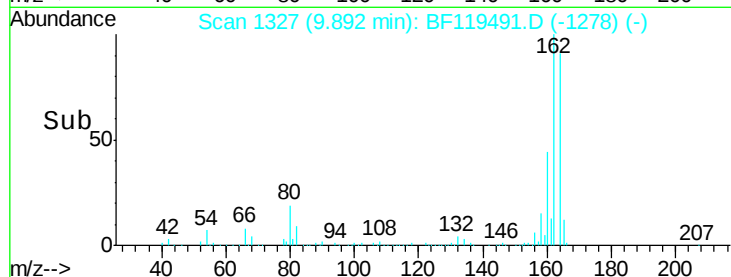
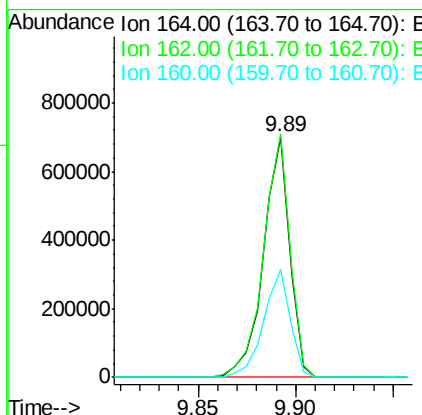
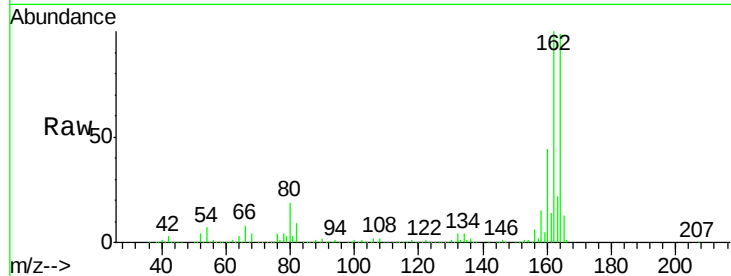
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.7	121.1	
160	44.7	35.5	53.3	

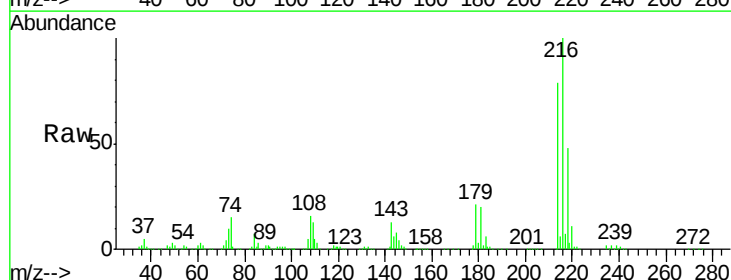
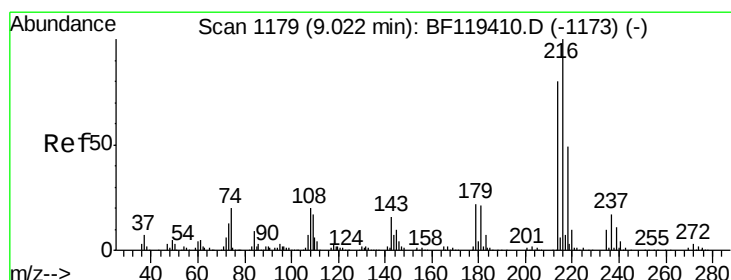
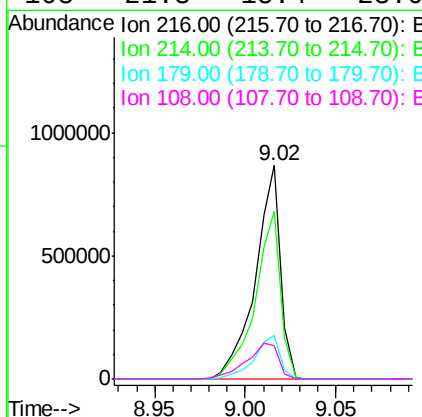
Manual Integrations
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.550 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.6	
179	21.1	17.0	25.4	
108	21.3	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 95.378 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:237 Resp: 1041210

Ion Ratio Lower Upper

237 100

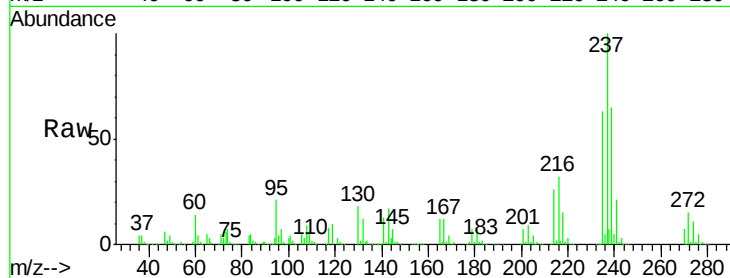
235 62.8 42.5 82.5

272 14.6 0.0 34.3

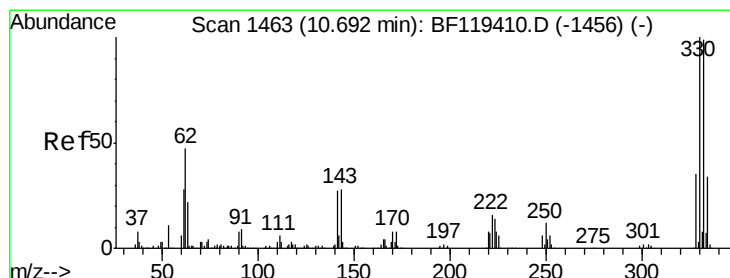
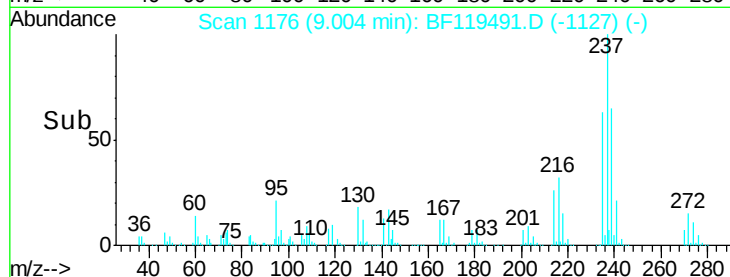
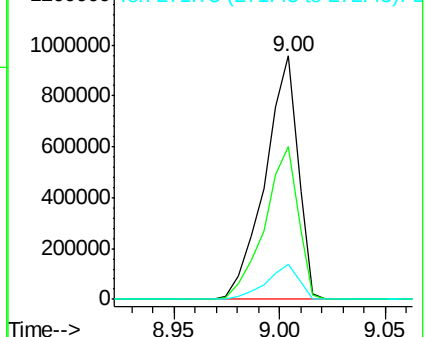
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.199 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

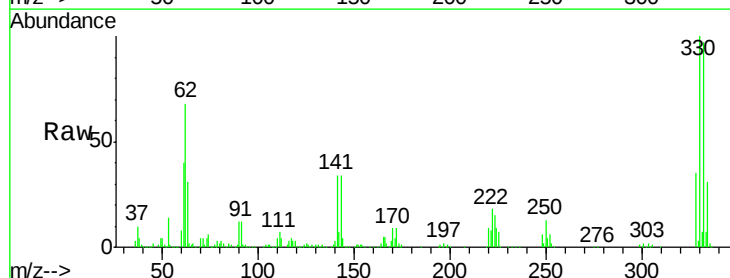
Tgt Ion:330 Resp: 744802

Ion Ratio Lower Upper

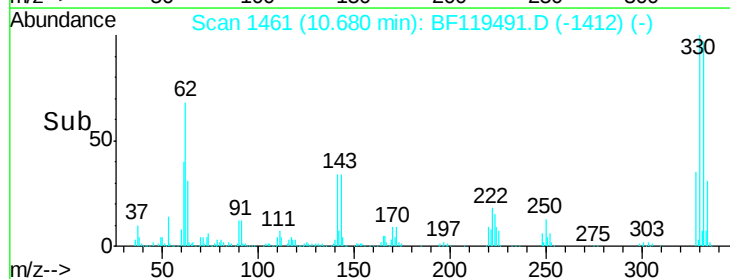
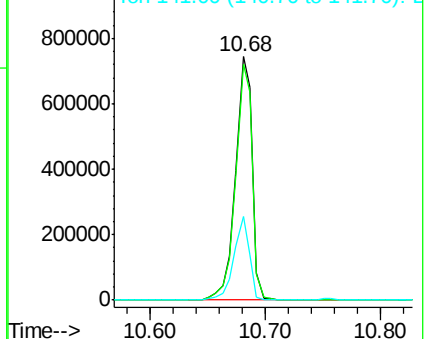
330 100

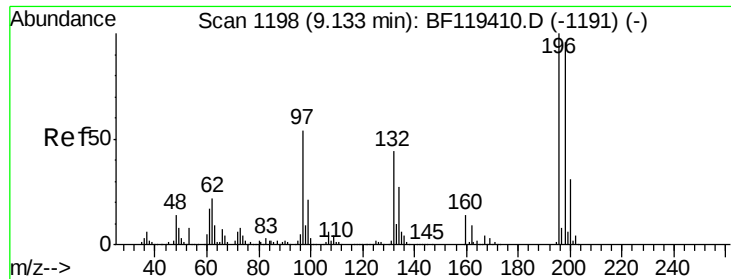
332 96.8 77.6 116.4

141 32.0 26.6 40.0



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





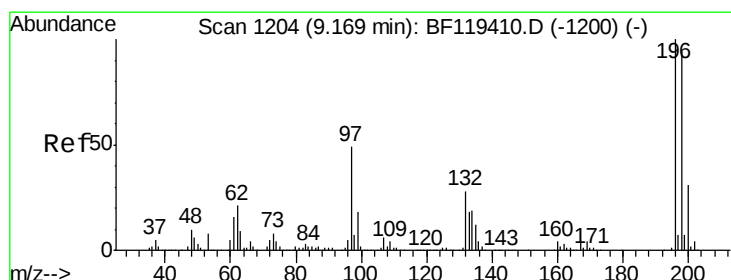
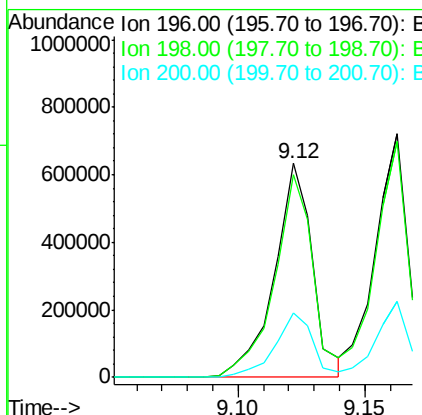
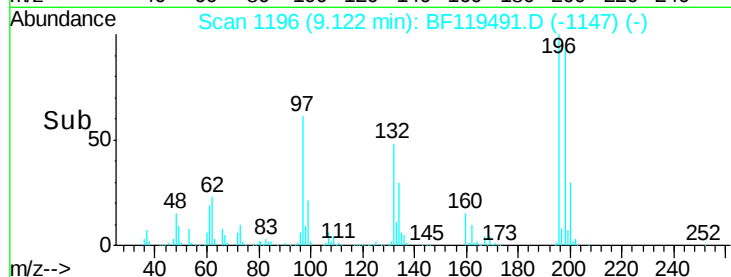
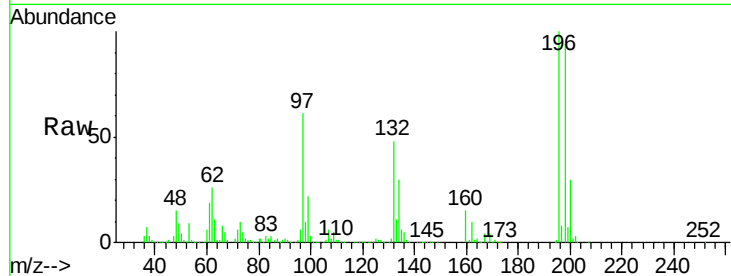
#43
 2,4,6-Trichlorophenol
 Concen: 48.576 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Tot Ion:	196	Resp:	667512
Ion Ratio	Lower	Upper	
196	100		
198	94.5	77.0	115.4
200	30.3	25.1	37.7

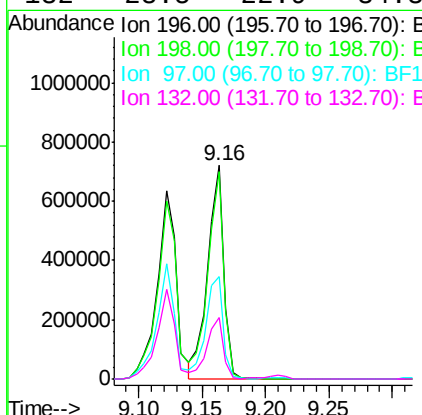
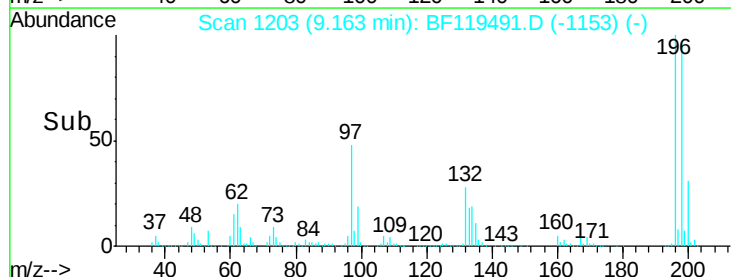
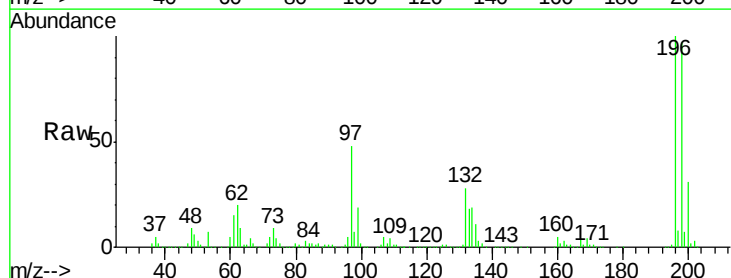
Manual Integrations
 APPROVED

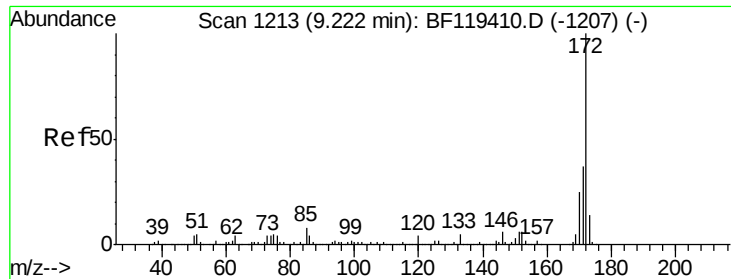
mohammad
 3/25/2020 12:29:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.151 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Tgt Ion:	196	Resp:	648865
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.3	112.9
97	47.9	39.0	58.4
132	28.5	22.9	34.3





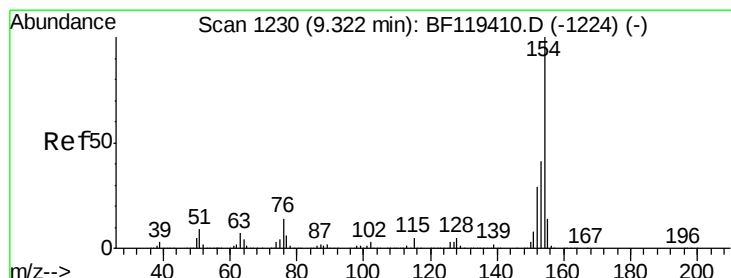
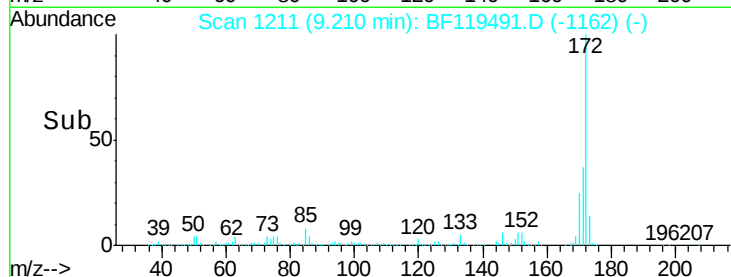
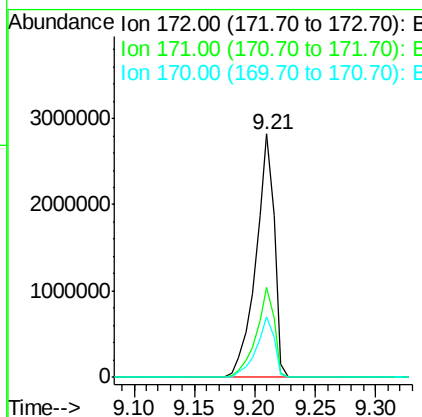
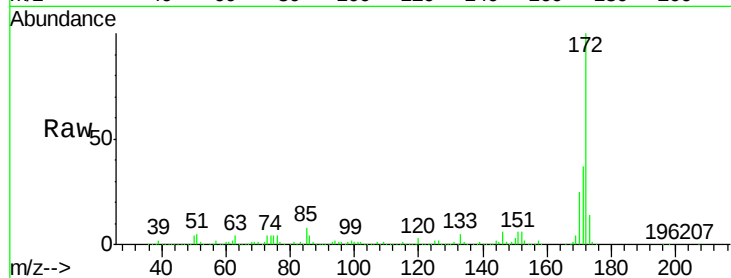
#45
2-Fluorobiphenyl
Concen: 67.907 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.9	44.9
170	24.6	20.1	30.1

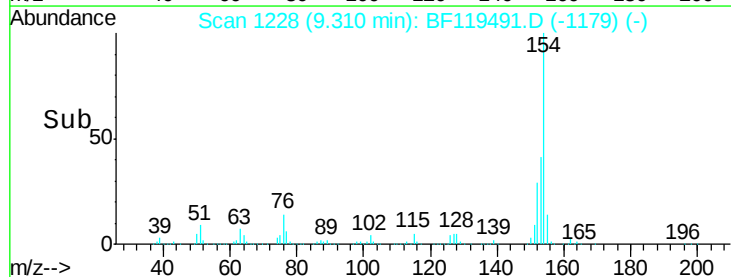
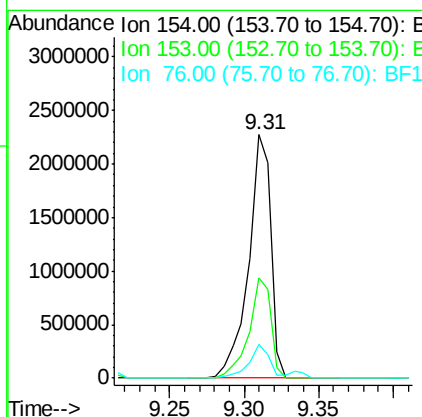
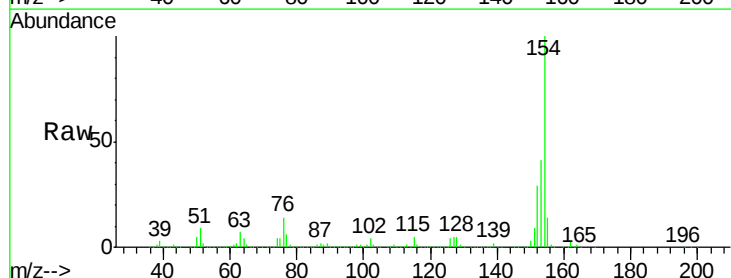
Manual Integrations
APPROVED

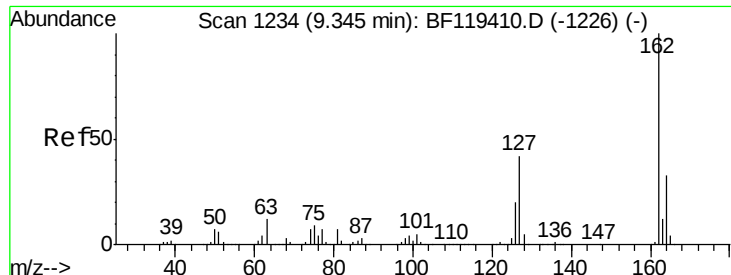
mohammad
3/25/2020 12:29:54 PM



#46
1,1'-Biphenyl
Concen: 43.570 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	13.7	0.0	33.6





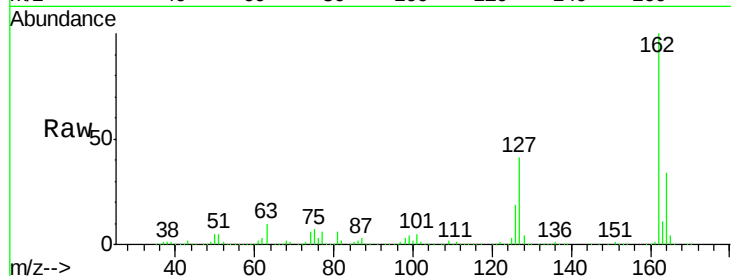
#47
2-Chloronaphthalene
Concen: 42.873 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

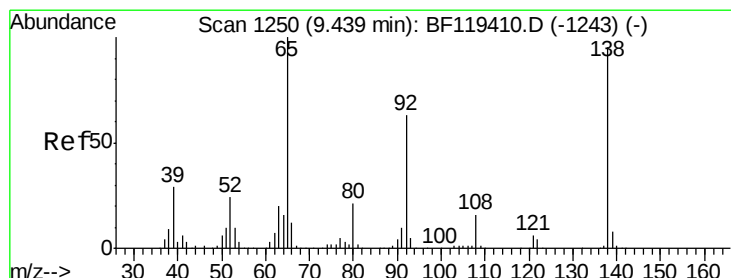
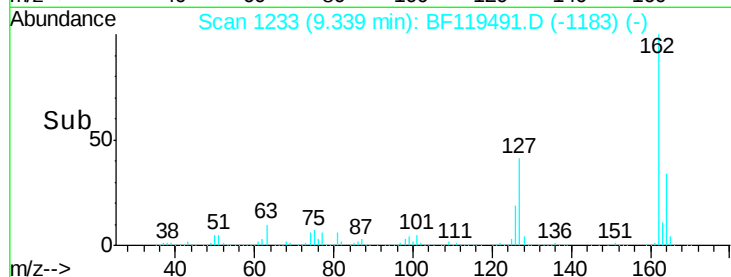
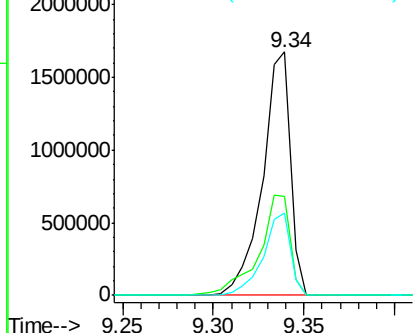
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	34.0	26.2	39.4

Manual Integrations
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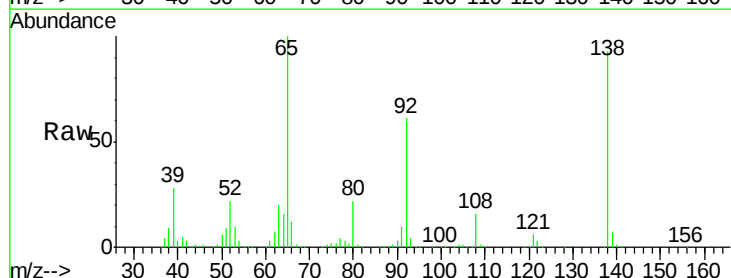


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

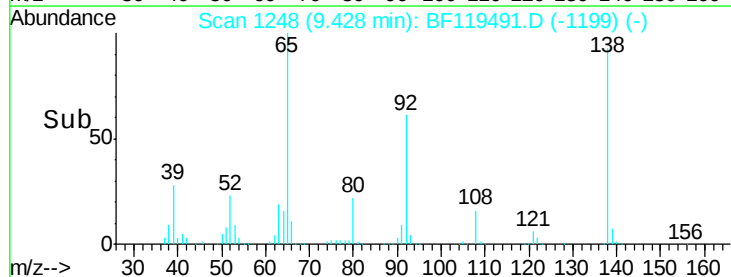
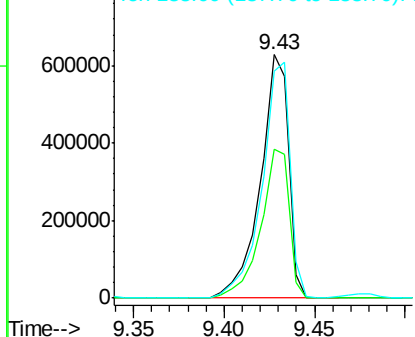


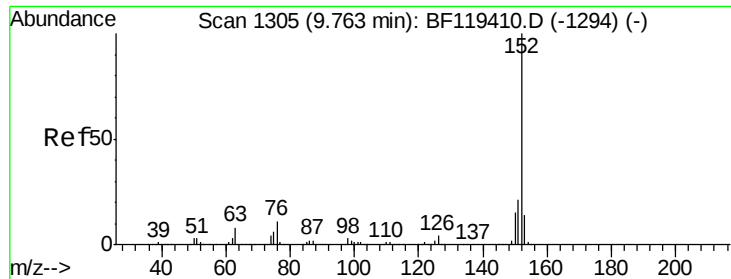
#48
2-Nitroaniline
Concen: 47.206 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	50.5	75.7
138	93.2	75.8	113.8



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: 43.515 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:152 Resp: 2856007

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

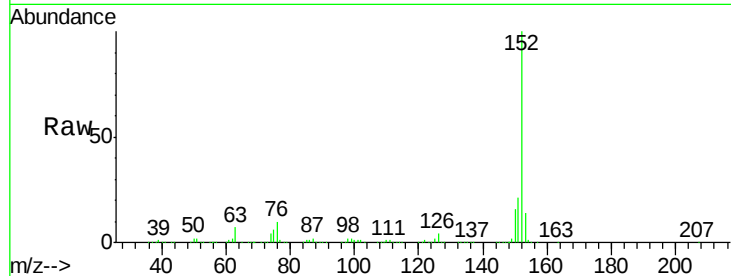
153 14.2 11.2 16.8

Manual Integrations

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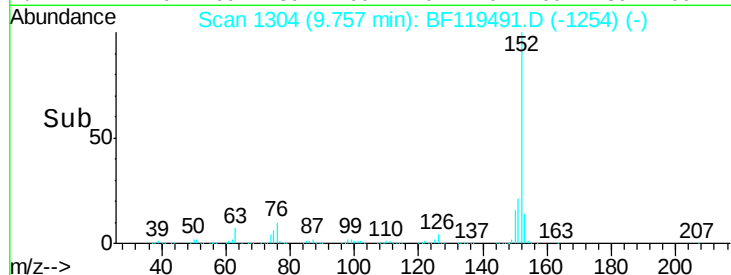
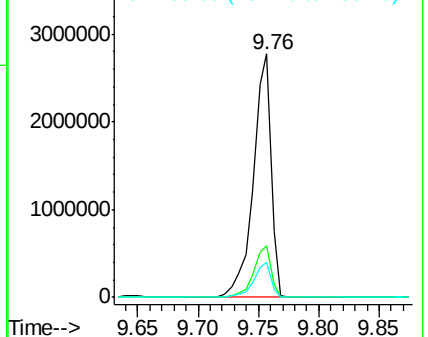
3/25/2020 12:29:54 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.197 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

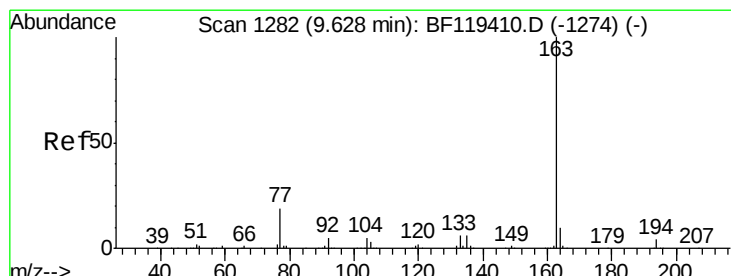
Tgt Ion:163 Resp: 2521998

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

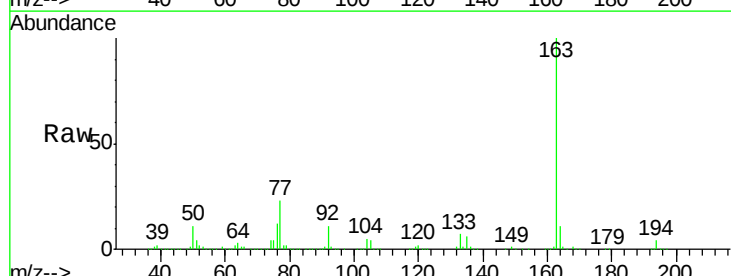
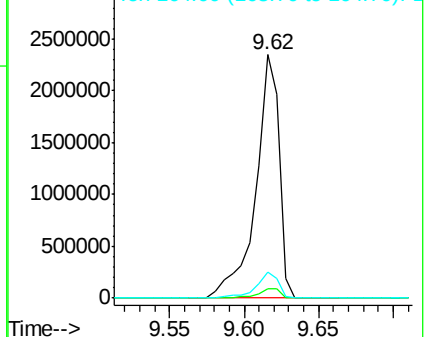
164 10.7 8.1 12.1

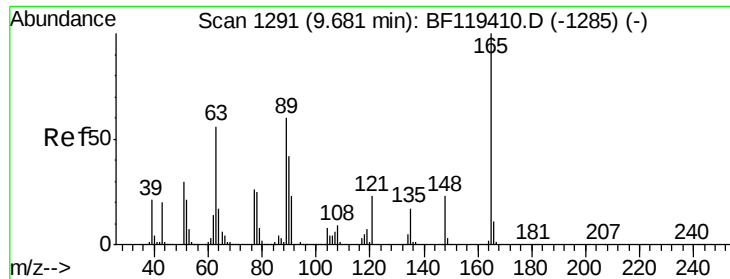


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





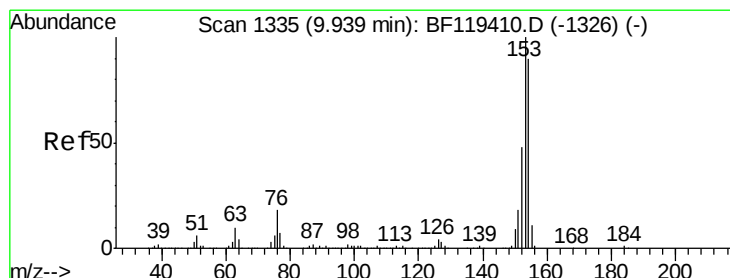
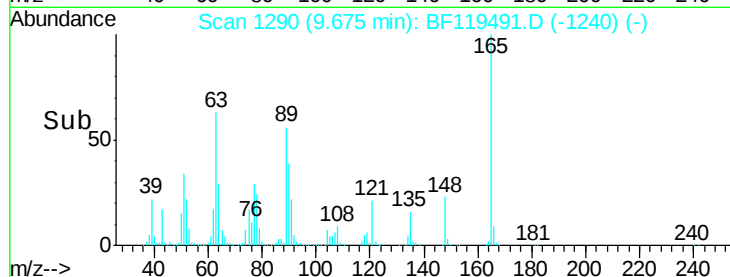
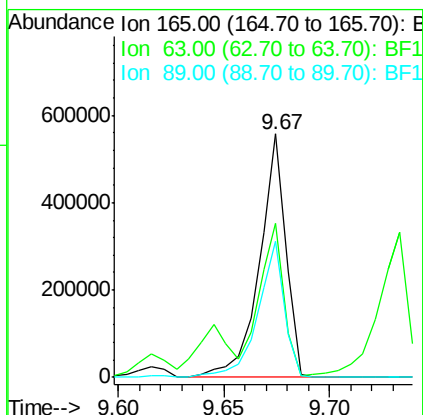
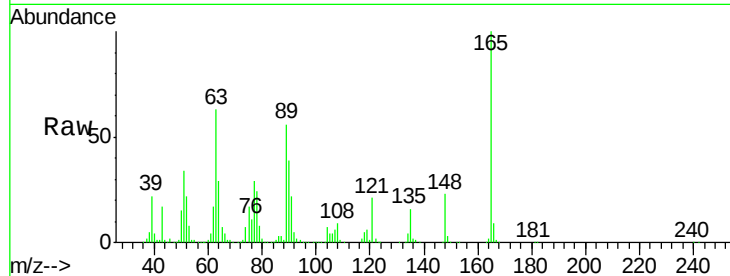
#51
2,6-Dinitrotoluene
Concen: 48.401 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		482764		
63	63.3	57.3		85.9	
89	55.7	47.8		71.8	

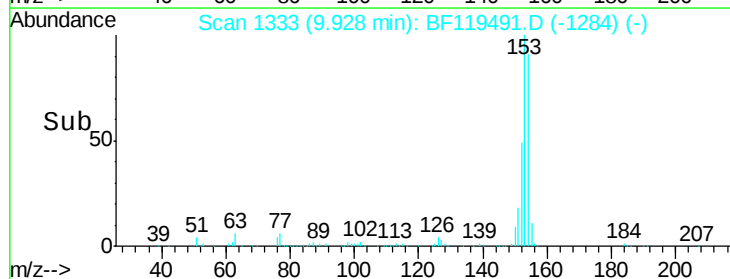
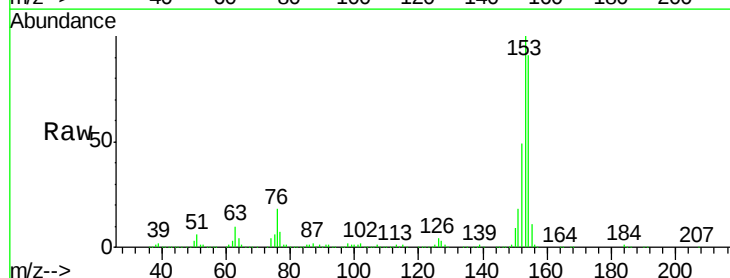
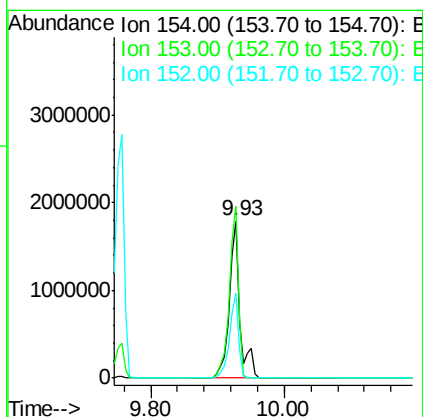
Manual Integrations
APPROVED

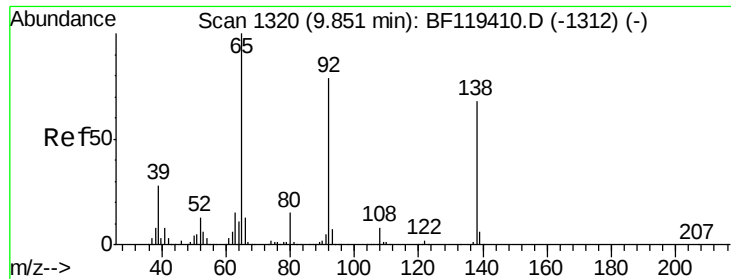
mohammad
3/25/2020 12:29:54 PM



#52
Acenaphthene
Concen: 49.414 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		2021862		
153	109.4	89.0		133.6	
152	53.9	43.1		64.7	





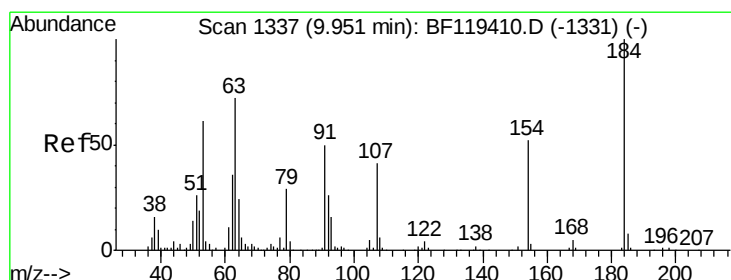
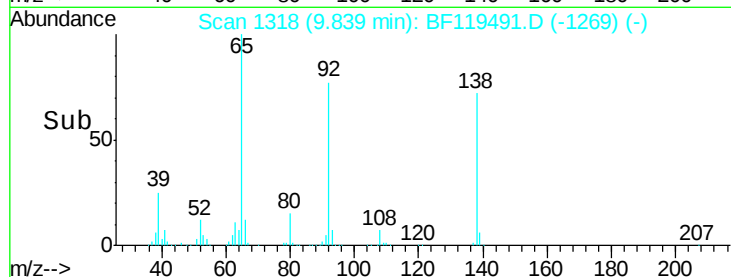
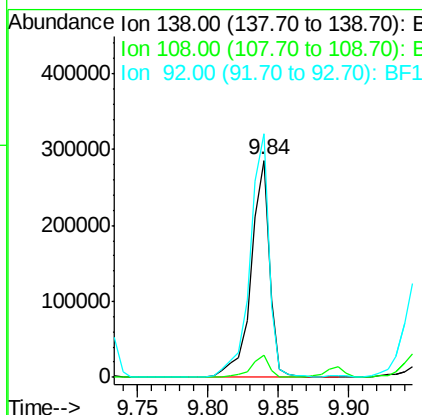
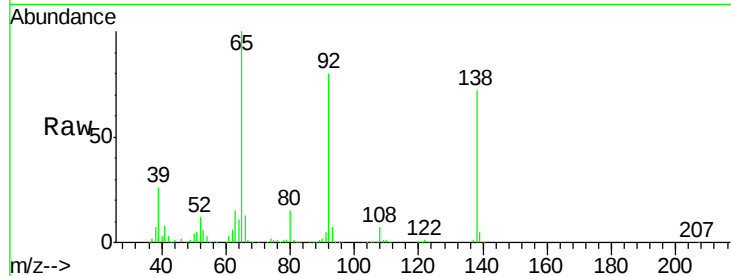
#53
3-Nitroaniline
Concen: 20.941 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	263694		
108	10.1	9.0	13.6	
92	112.3	93.2	139.8	

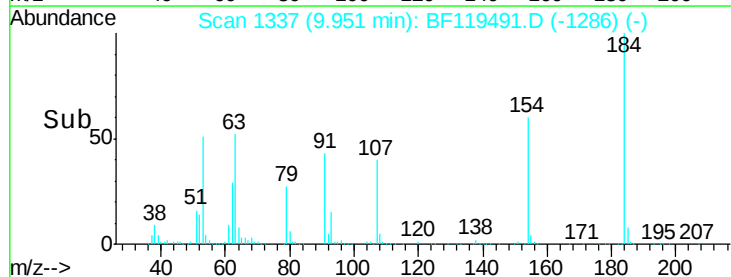
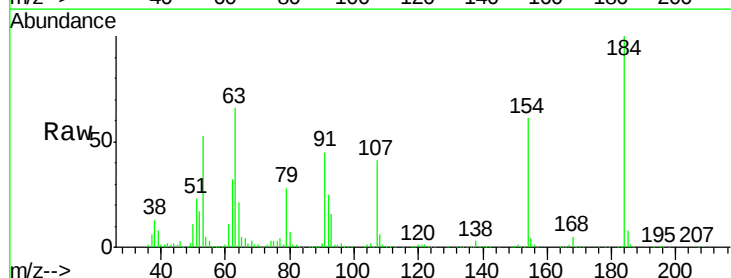
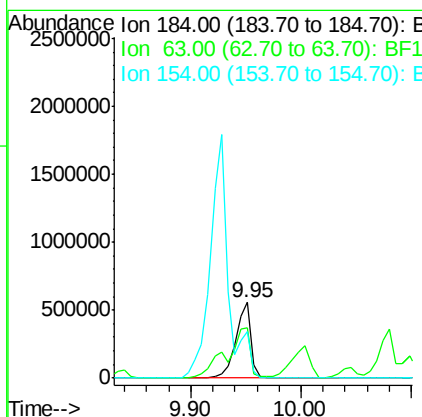
Manual Integrations
APPROVED

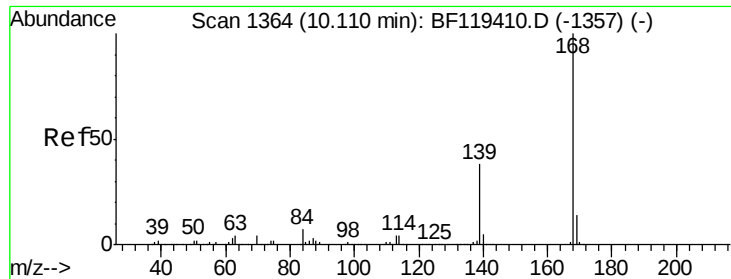
mohammad
3/25/2020 12:29:54 PM



#54
2,4-Dinitrophenol
Concen: 119.817 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	534301		
63	66.0	58.5	87.7	
154	60.6	51.8	77.6	





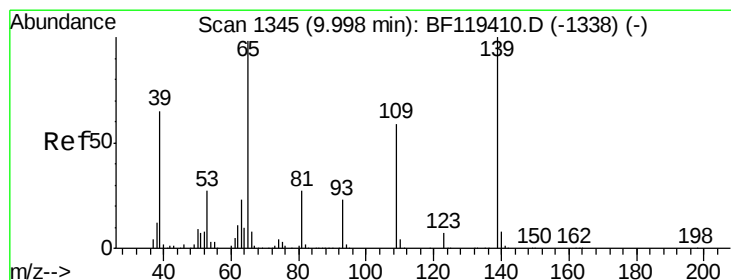
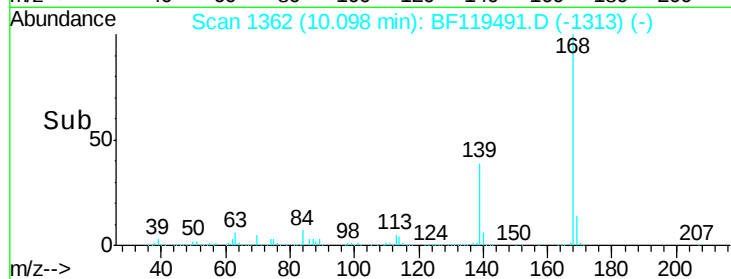
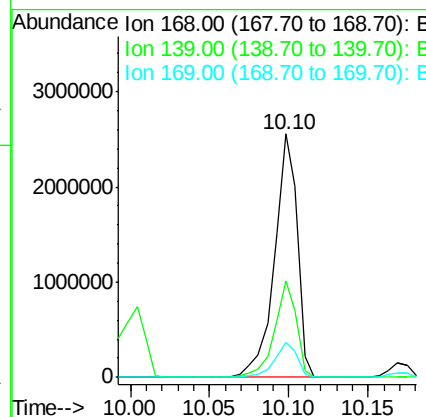
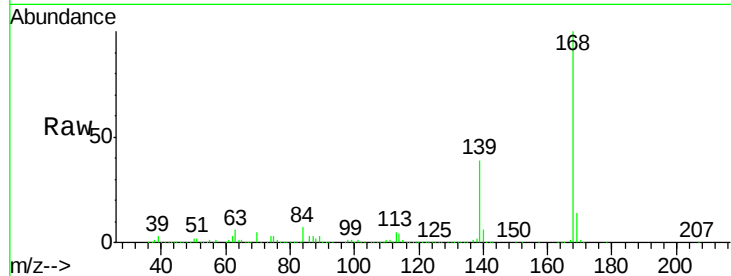
#55
Dibenzofuran
Concen: 43.680 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	14.5	11.1	16.7

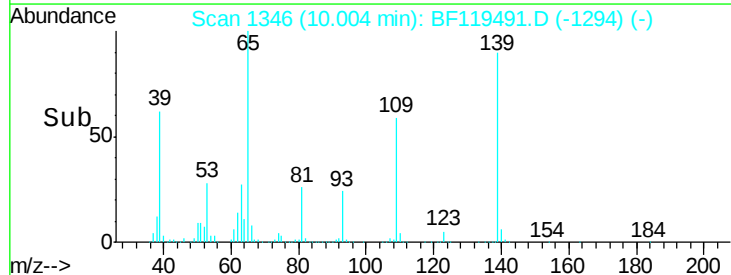
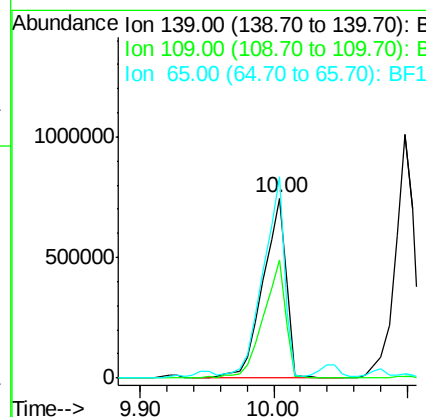
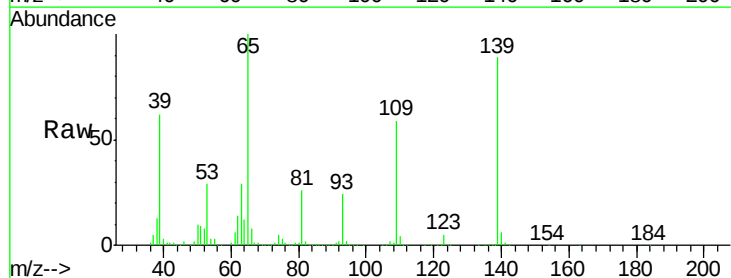
Manual Integrations
APPROVED

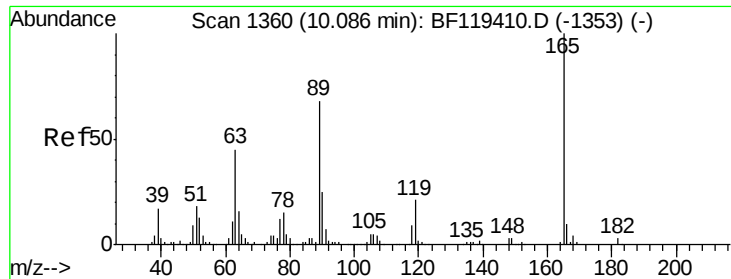
mohammad
3/25/2020 12:29:54 PM



#56
4-Nitrophenol
Concen: 89.881 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.7	39.6	79.6
65	111.8	78.3	118.3





#57

2,4-Dinitrotoluene

Concen: 51.001 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

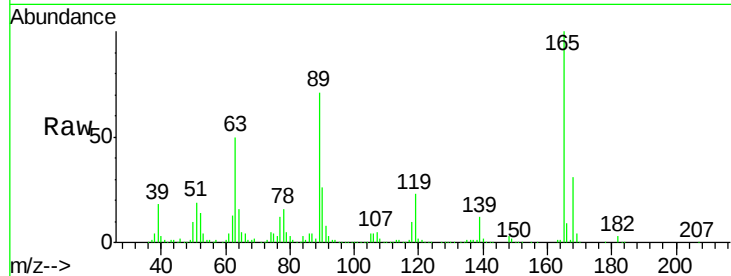
ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:	165	Resp:	640820
Ion Ratio	Lower	Upper	
165	100		
63	49.6	36.2	54.4
89	70.6	54.3	81.5
182	2.7	2.0	3.0

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:54 PM

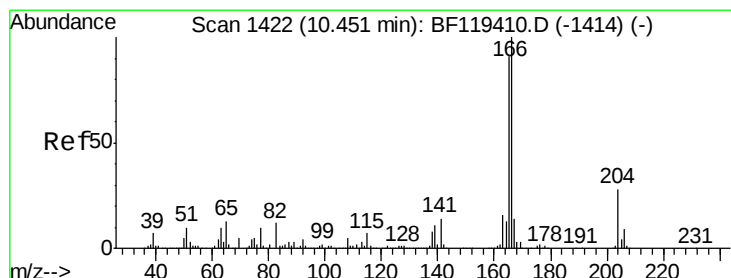
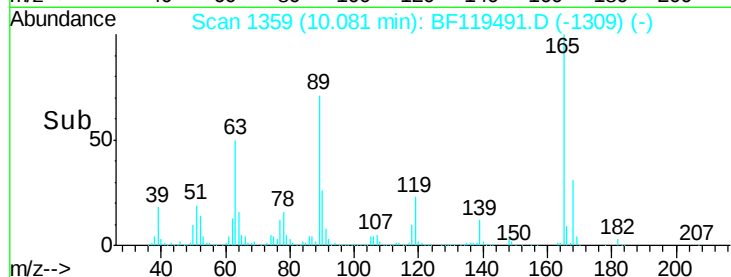
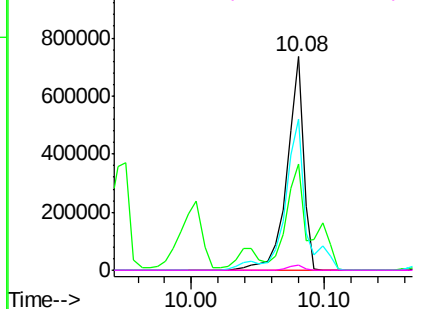


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.951 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119491.D

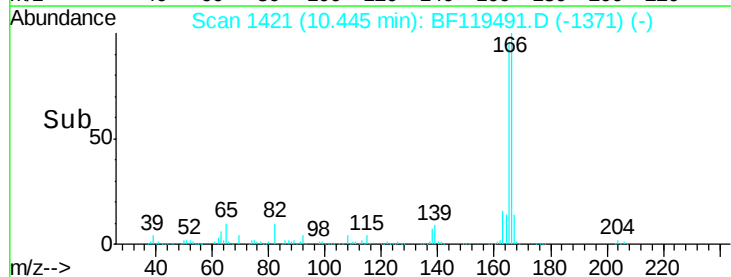
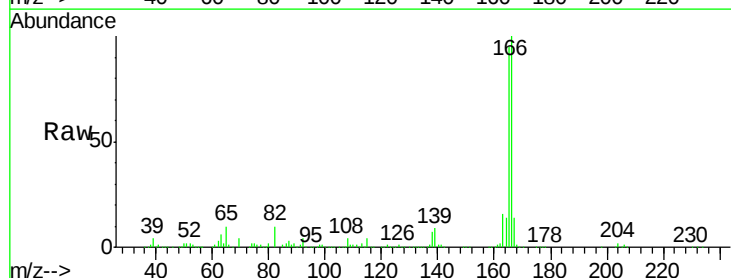
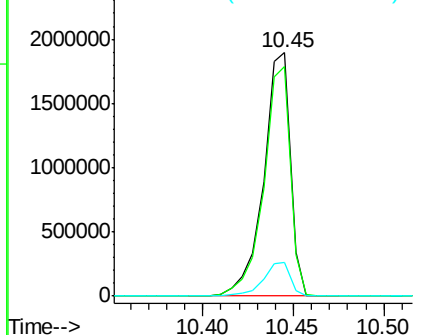
Acq: 24 Mar 2020 17:05

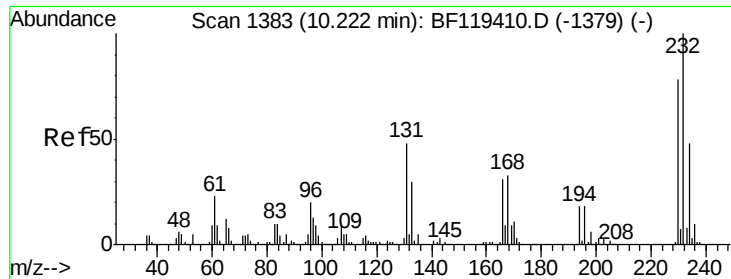
Tgt Ion:	166	Resp:	1950027
Ion Ratio	Lower	Upper	
166	100		
165	94.5	73.1	109.7
167	13.6	11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.902 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

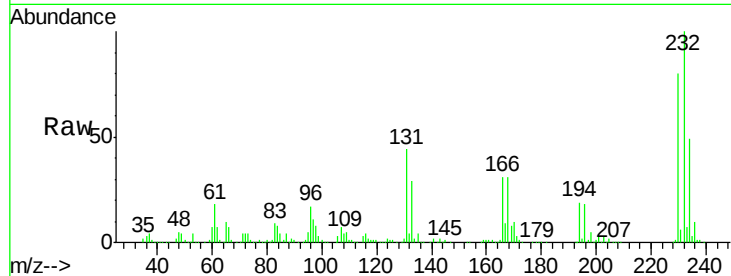
ClientSampleId :

5TH-STREET-SUBMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	562694		
131	47.0	36.3	54.5	
130	2.2	1.8	2.6	
166	31.5	24.9	37.3	

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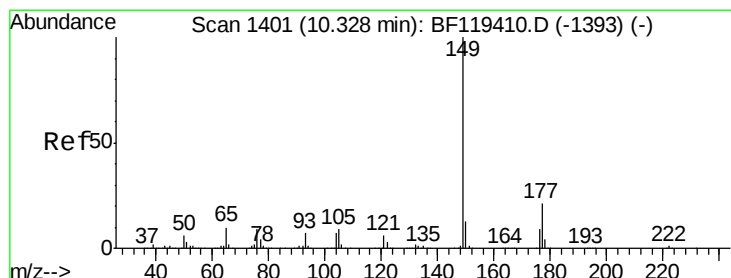
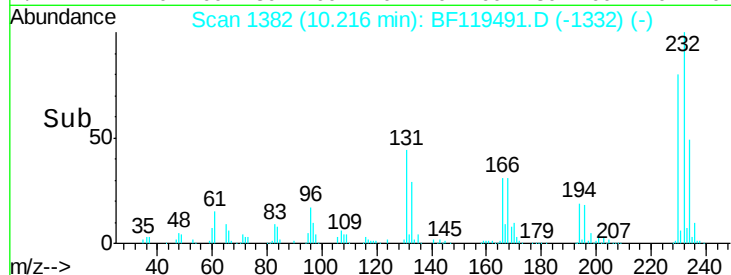
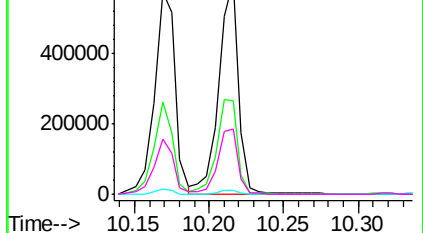


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.820 ng

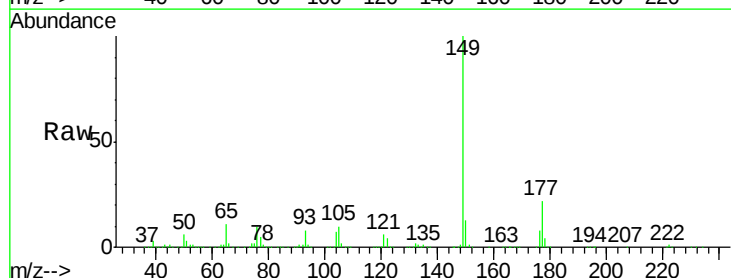
RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

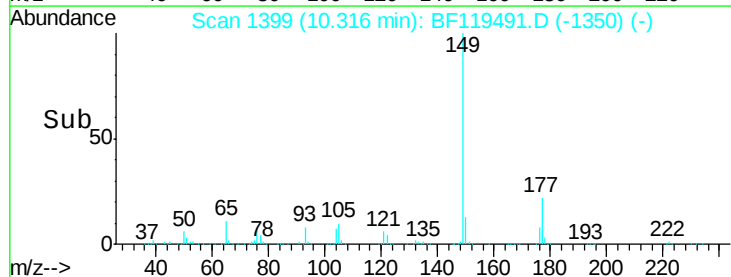
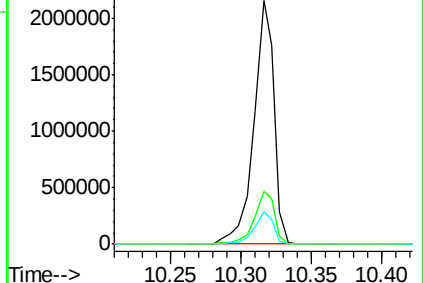
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2164039		
177	21.7	17.0	25.6	
150	13.2	10.2	15.4	

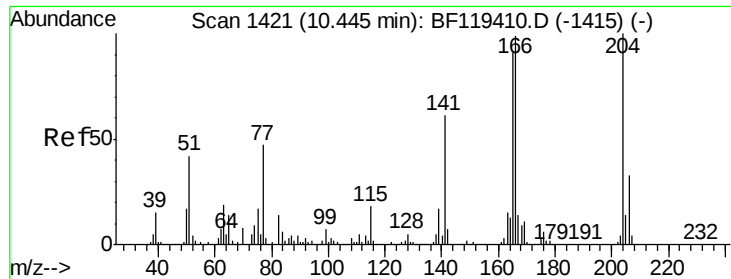


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





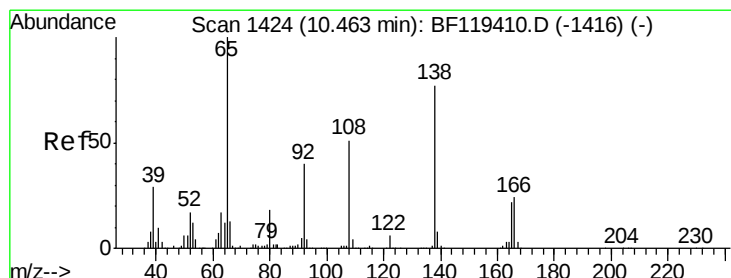
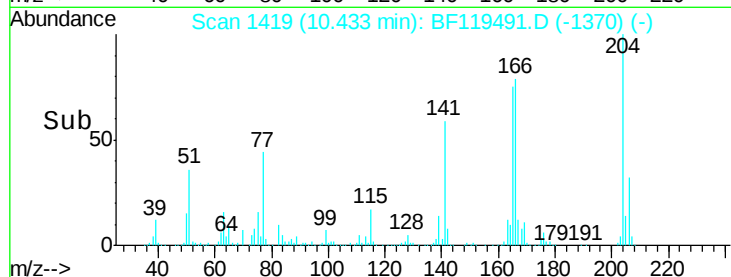
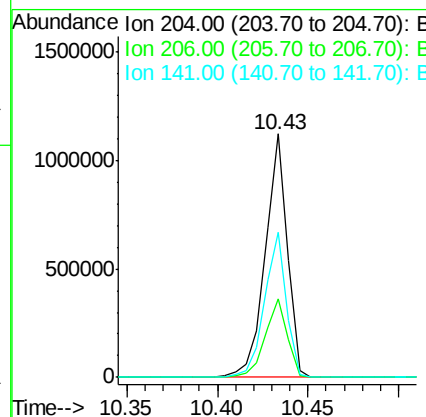
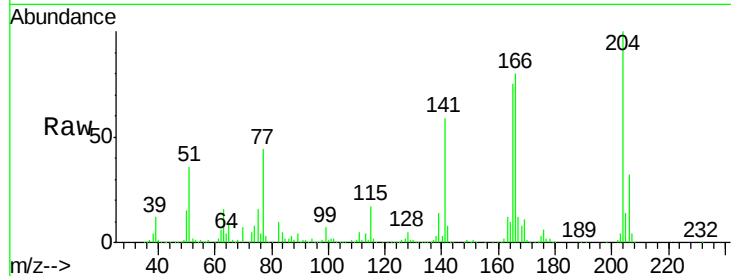
#61
 4-Chlorophenyl-phenylether
 Concen: 44.816 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Tot Ion:	204	Resp:	950739
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.7	40.1
141	59.4	48.8	73.2

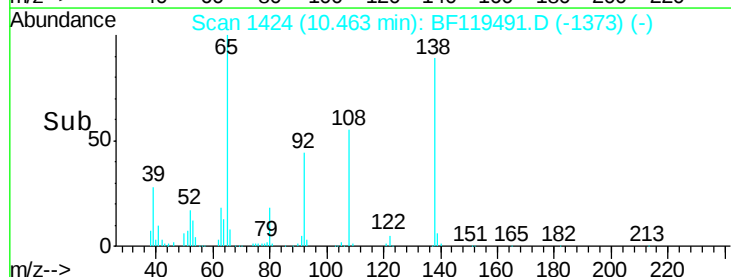
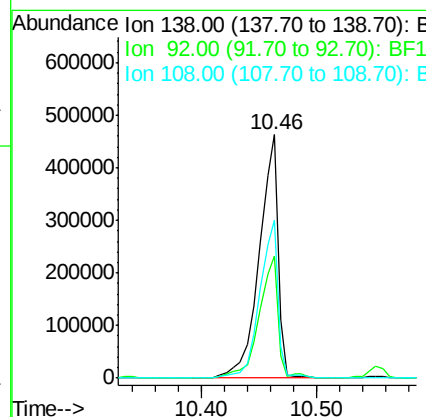
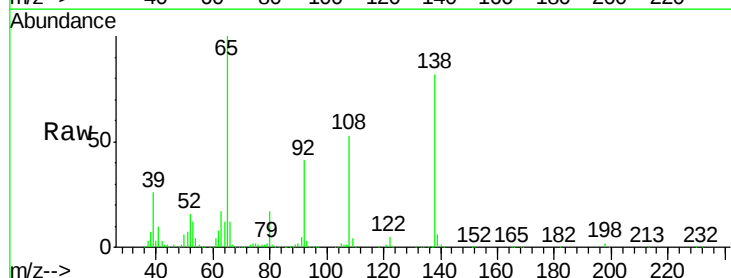
Manual Integrations
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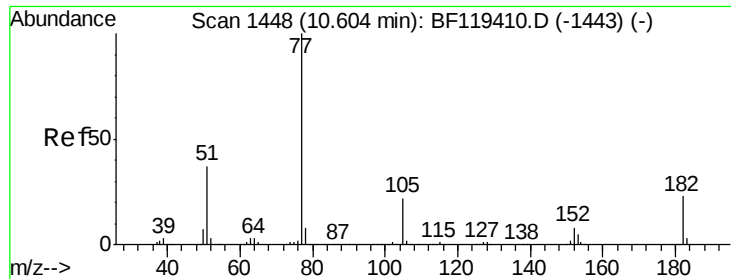
mohammad
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#62
 4-Nitroaniline
 Concen: 43.908 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Tgt Ion:	138	Resp:	530197
Ion Ratio	Lower	Upper	
138	100		
92	49.9	32.0	72.0
108	64.9	46.0	86.0





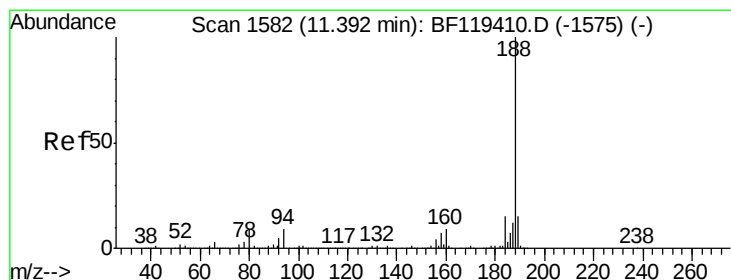
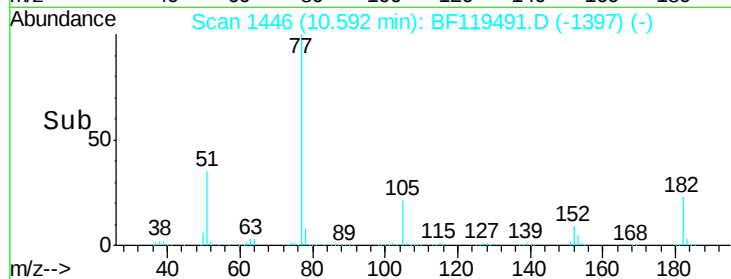
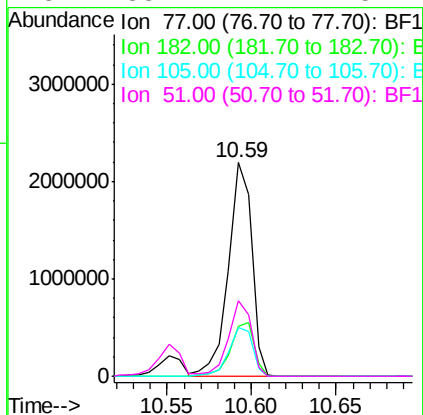
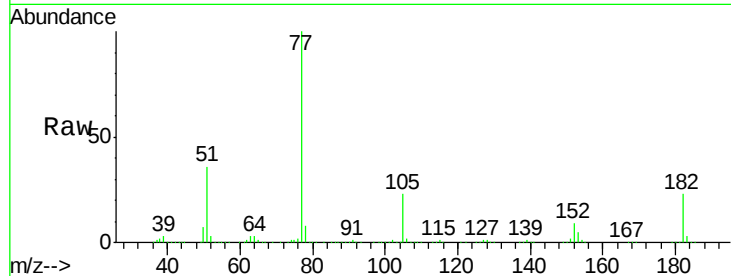
#63
Azobenzene
Concen: 44.126 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion: 77 Resp: 2098662
Ion Ratio Lower Upper
77 100
182 23.3 2.5 42.5
105 22.6 2.5 42.5
51 35.7 17.1 57.1

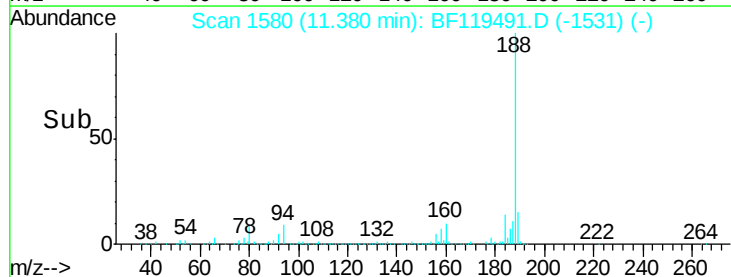
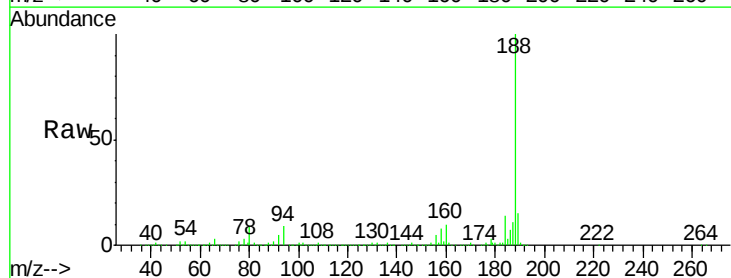
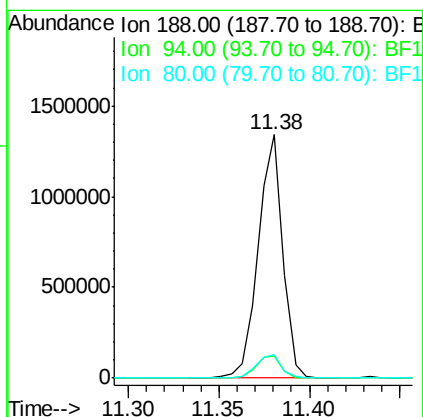
Manual Integrations
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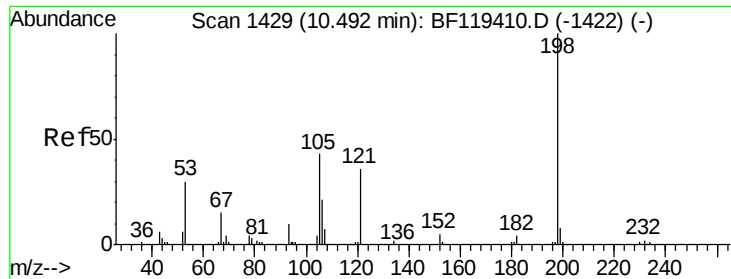
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion: 188 Resp: 1261863
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.4 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 65.906 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:198 Resp: 348728

Ion Ratio Lower Upper

198 100

51 58.3 33.1 73.1

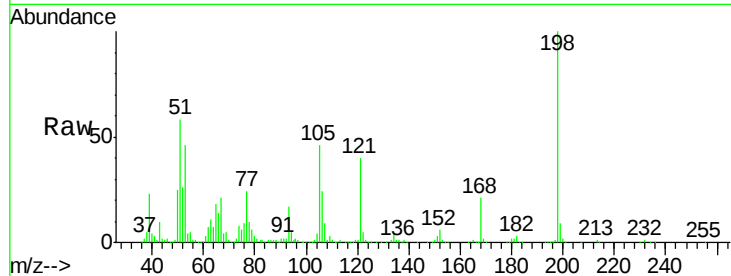
105 45.9 24.1 64.1

Manual Integrations

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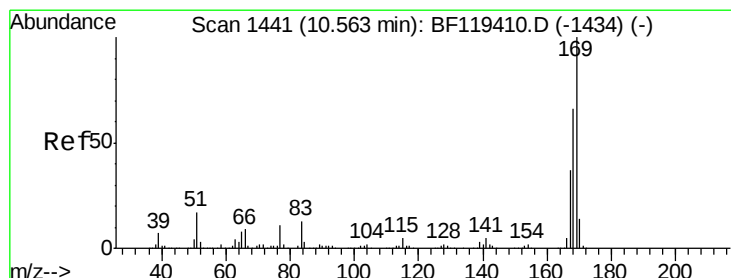
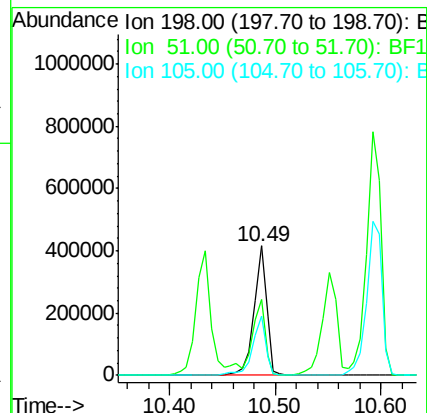
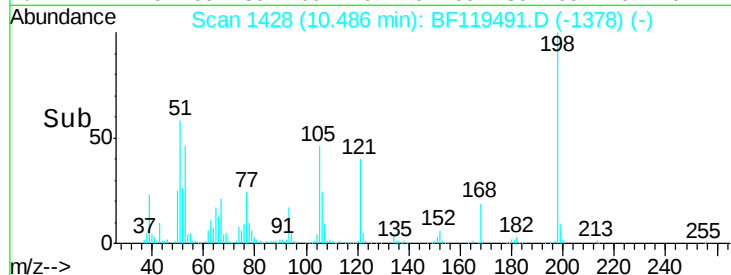
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.035 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

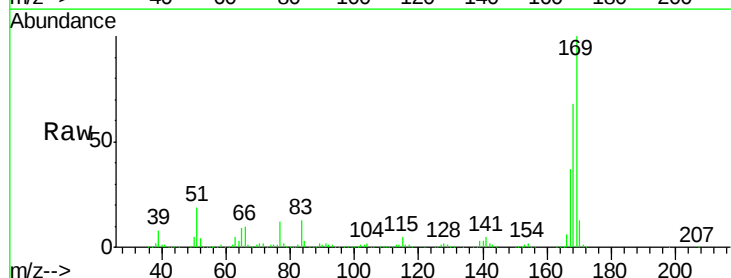
Tgt Ion:169 Resp: 1824131

Ion Ratio Lower Upper

169 100

168 67.8 52.7 79.1

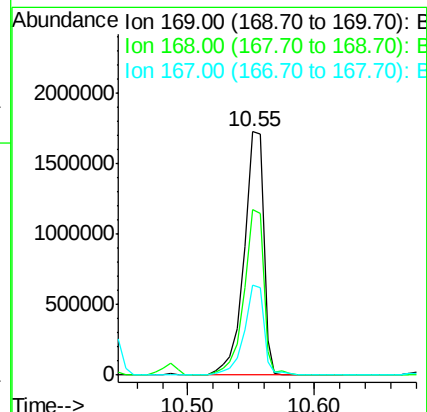
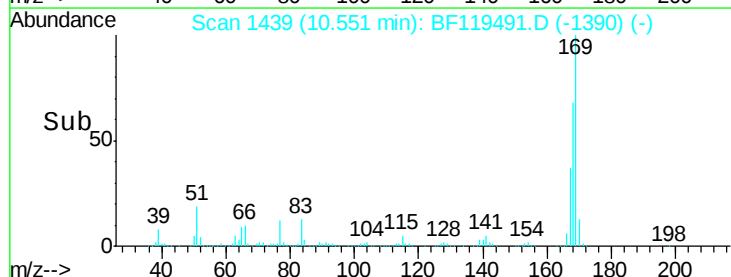
167 36.7 29.3 43.9

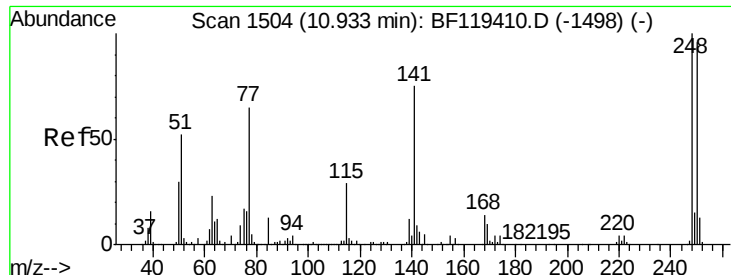


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





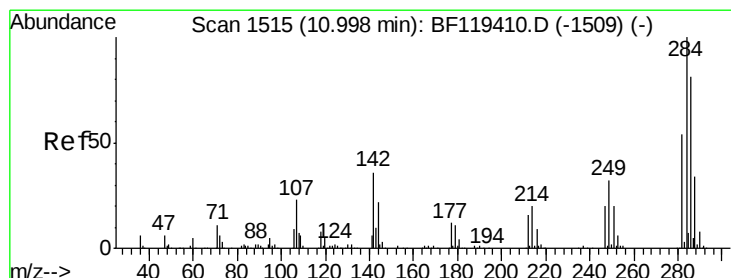
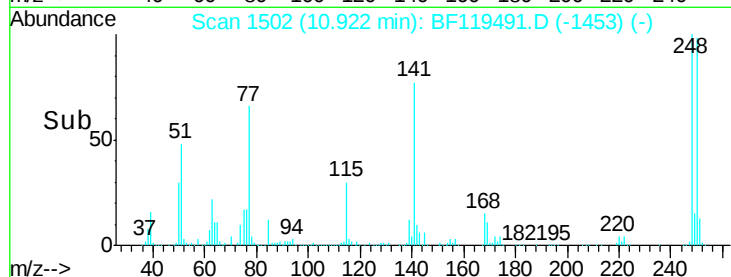
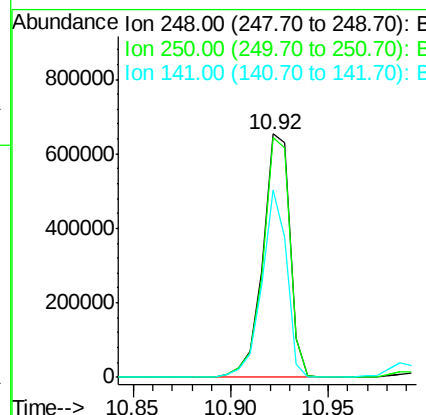
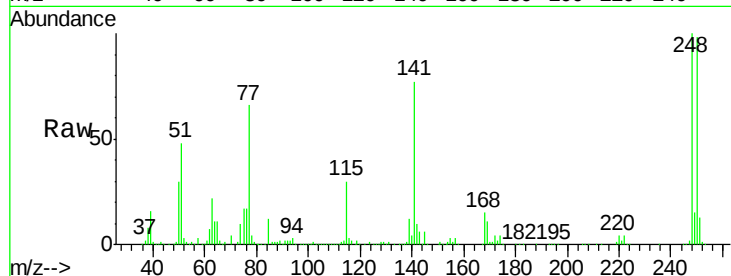
#67
4-Bromophenyl-phenylether
Concen: 43.823 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.0	115.6
141	76.9	59.7	89.5

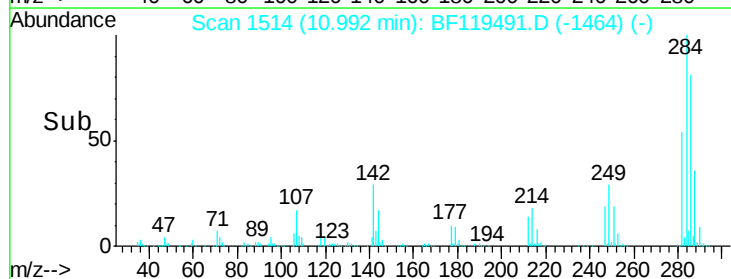
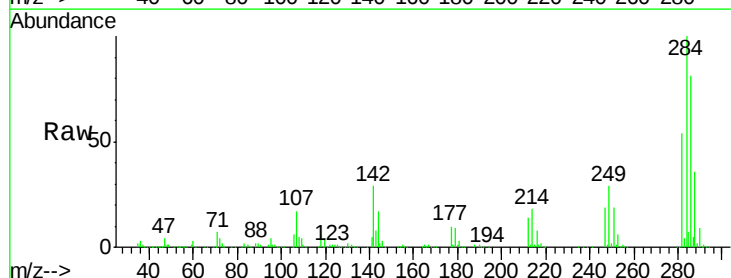
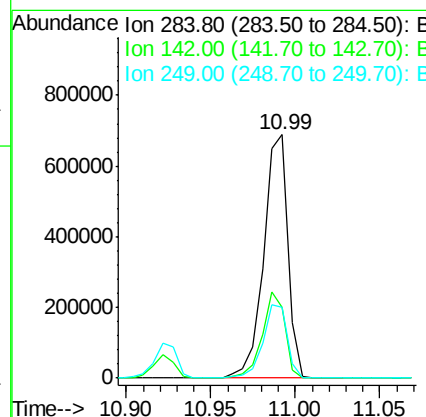
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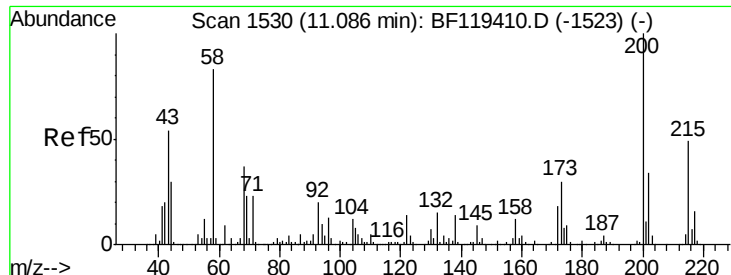
mohammad
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#68
Hexachlorobenzene
Concen: 46.531 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	28.7	43.1
249	29.4	25.4	38.0





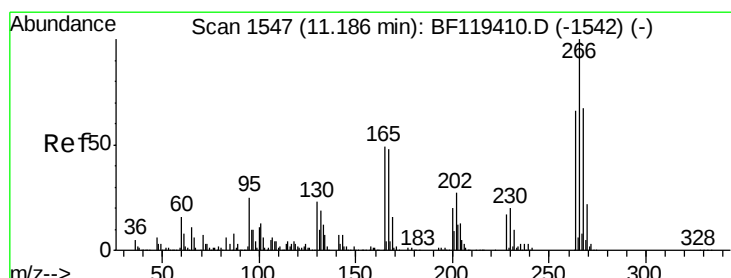
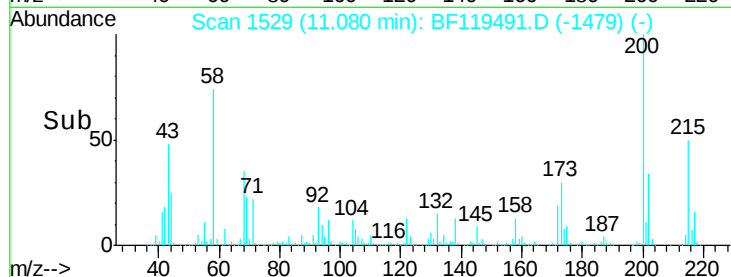
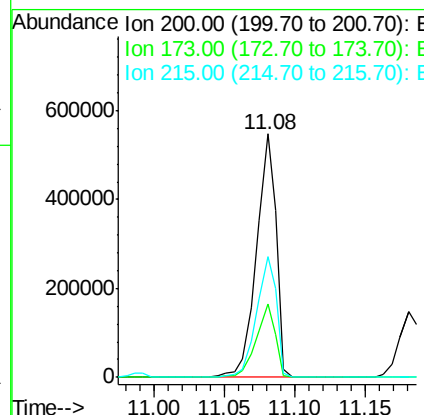
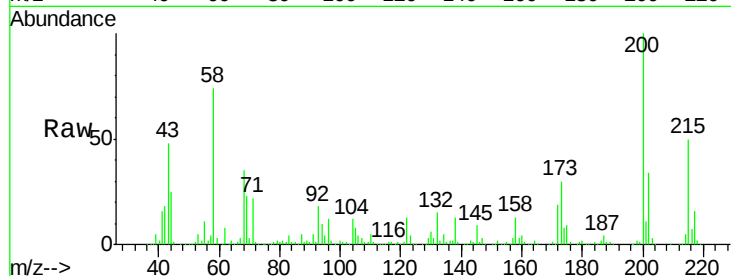
#69
Atrazine
Concen: 47.243 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	536524		
173	30.1	9.9	49.9	
215	49.7	29.4	69.4	

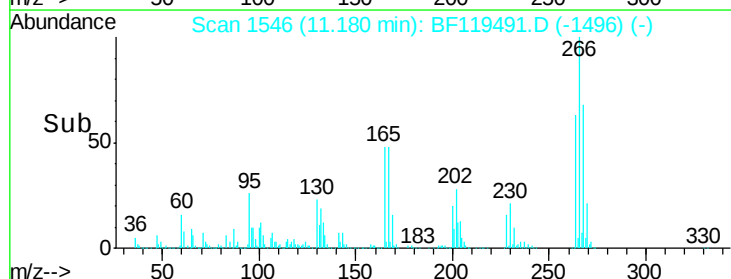
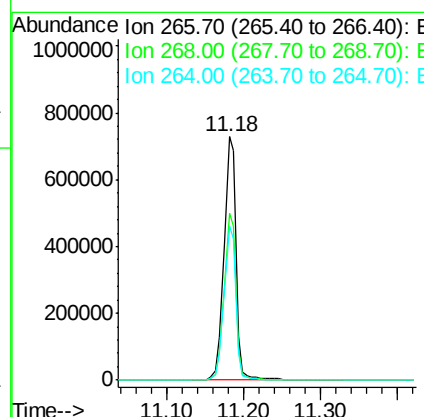
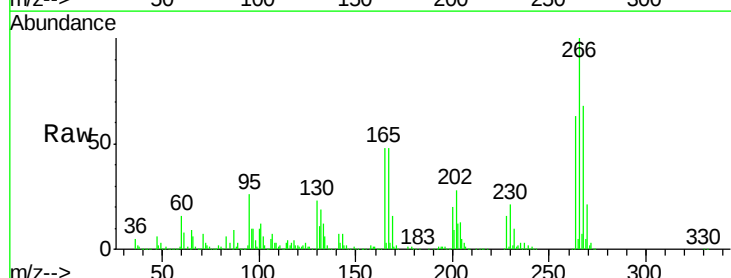
Manual Integrations
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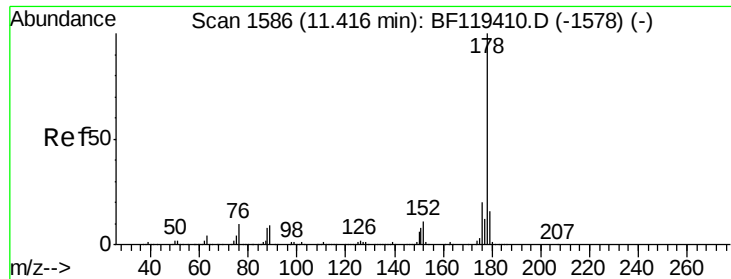
mohammad
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#70
Pentachlorophenol
Concen: 90.602 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	781385		
268	68.4	53.7	80.5	
264	63.5	52.5	78.7	





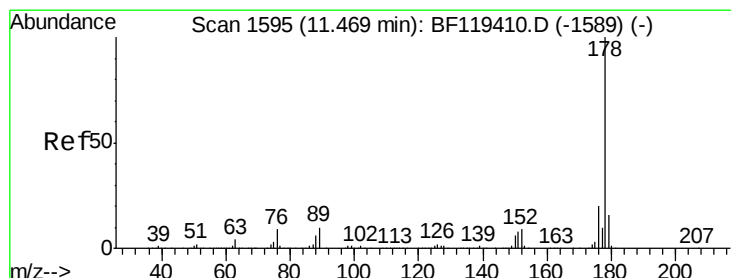
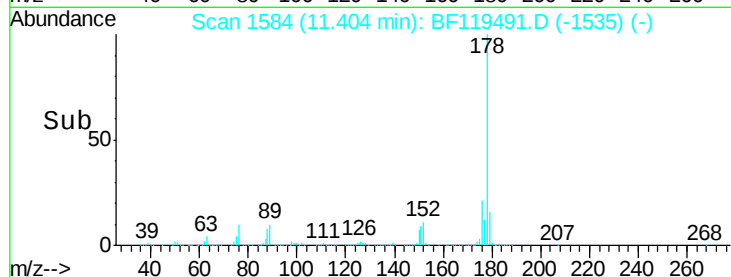
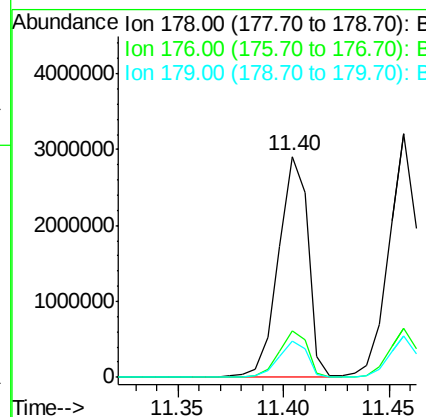
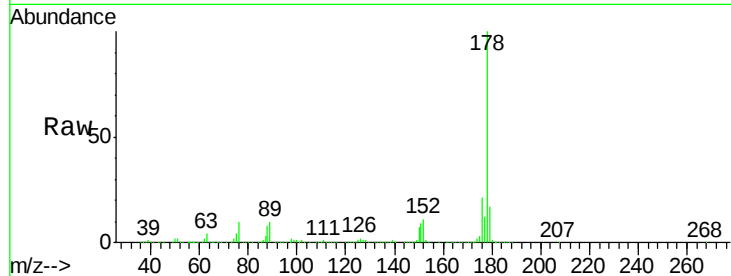
#71
Phenanthrene
Concen: 43.717 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:178 Resp: 2860459
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.5 12.9 19.3

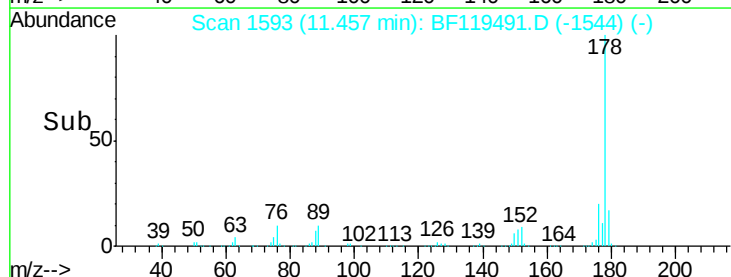
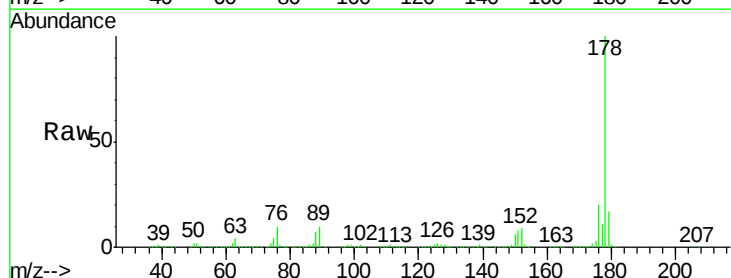
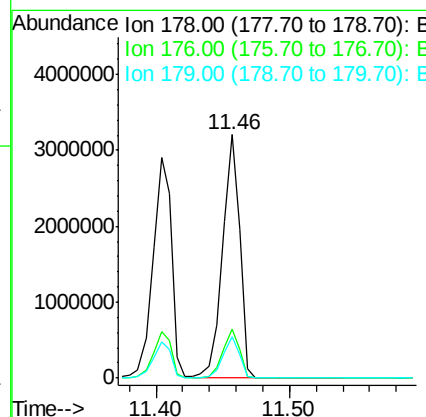
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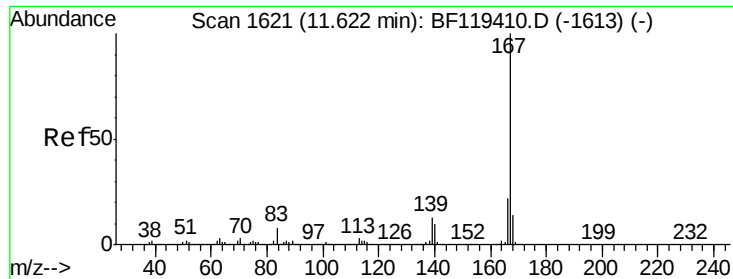
mohammad
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#72
Anthracene
Concen: 44.069 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion:178 Resp: 2930602
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.8 13.1 19.7





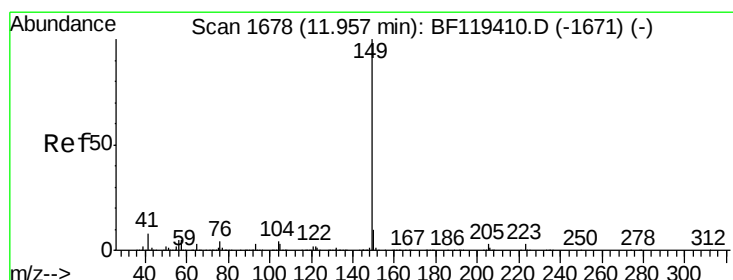
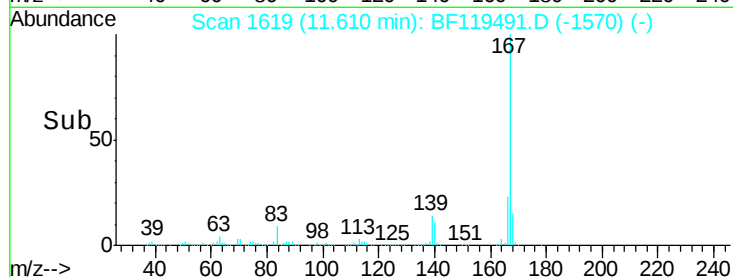
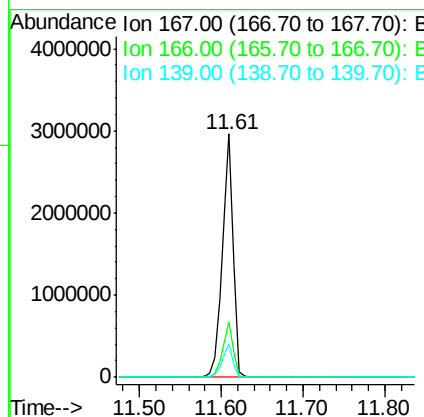
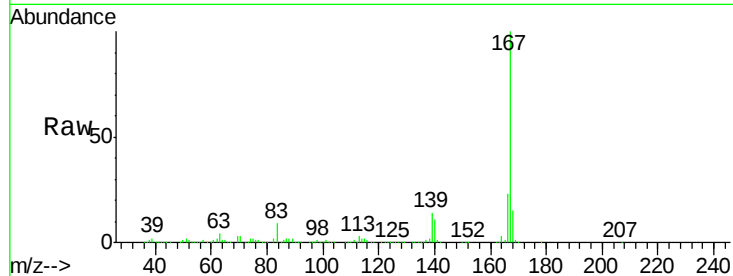
#73
 Carbazole
 Concen: 42.131 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	13.7	10.2	15.4

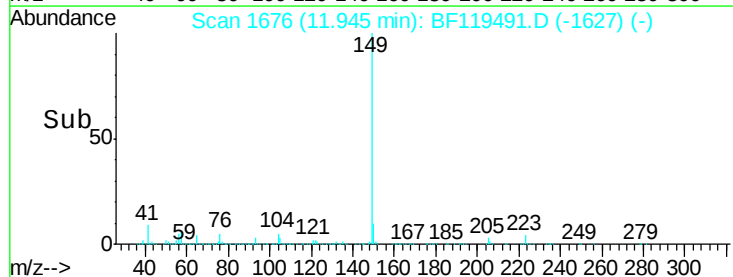
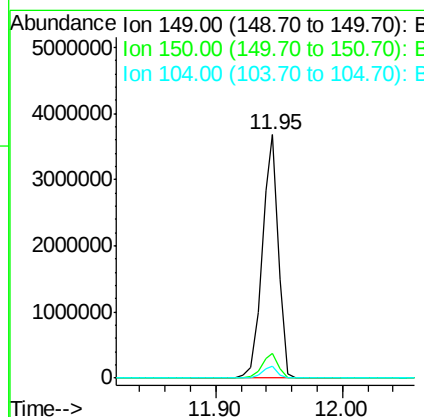
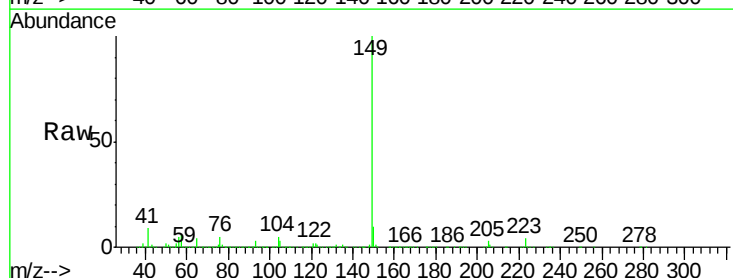
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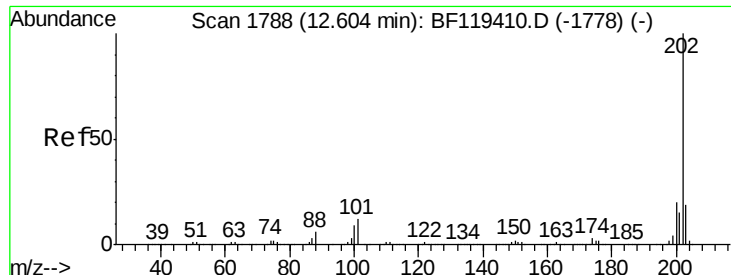
mohammad
 3/25/2020 12:29:54 PM



#74
 Di-n-butylphthalate
 Concen: 46.674 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.6	11.4
104	5.0	3.5	5.3





#75

Fluoranthene

Concen: 44.113 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

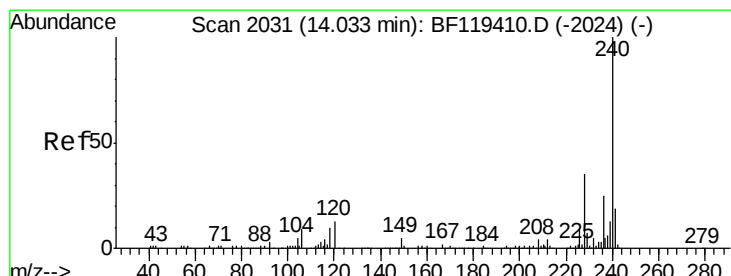
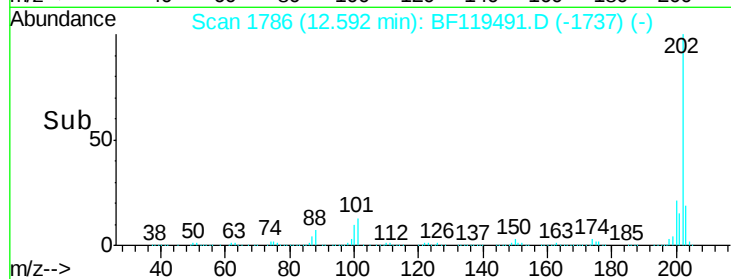
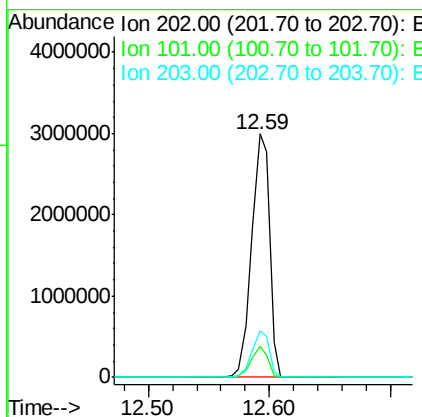
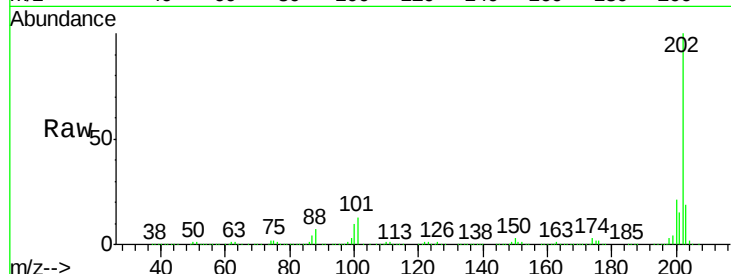
ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:	202	Resp:	3123693
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.4
203	19.0	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

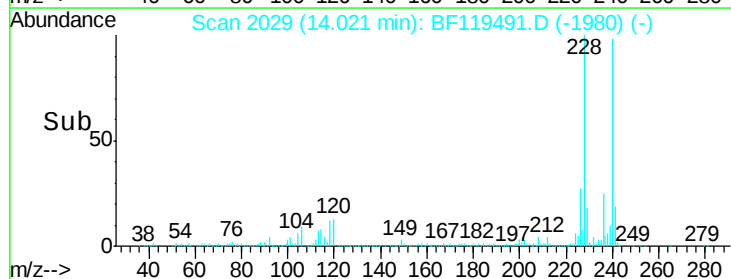
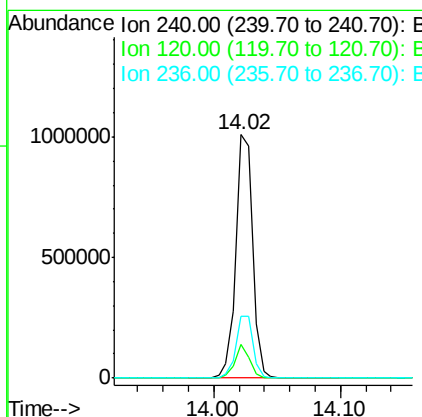
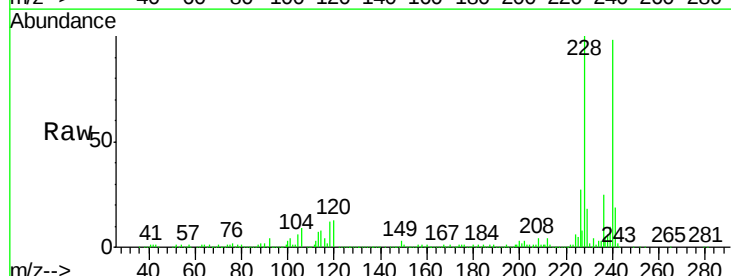
RT: 14.02 min Scan# 2029

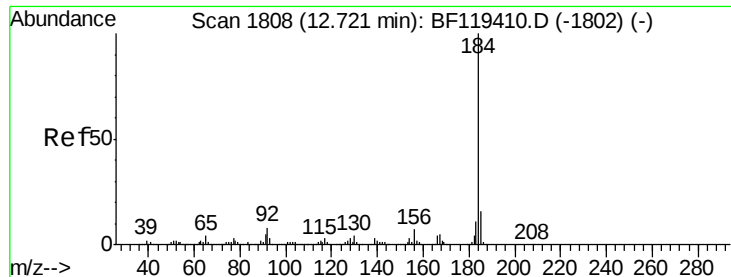
Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Tgt Ion:	240	Resp:	912698
Ion Ratio	Lower	Upper	
240	100		
120	13.7	10.2	15.4
236	25.2	20.4	30.6





#77

Benzidine

Concen: 41.361 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

Instrument :

BNA_F

ClientSampleId :

5TH-STREET-SUBMS

Tot Ion:184 Resp: 1597592

Ion Ratio Lower Upper

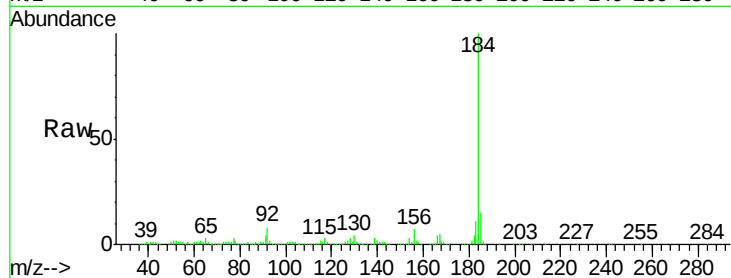
184 100

185 14.6 12.9 19.3

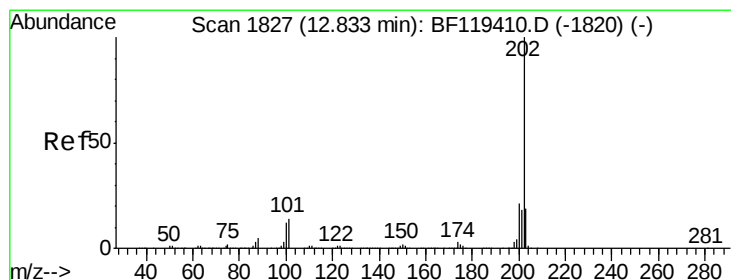
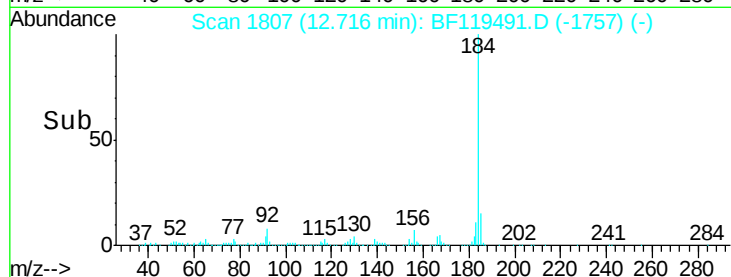
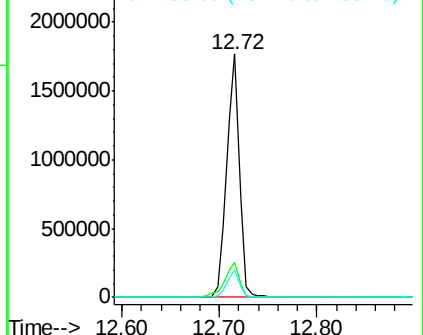
183 11.2 9.0 13.4

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



#78

Pyrene

Concen: 41.495 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119491.D

Acq: 24 Mar 2020 17:05

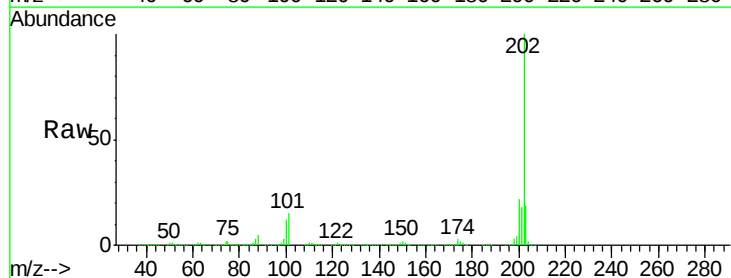
Tgt Ion:202 Resp: 3108117

Ion Ratio Lower Upper

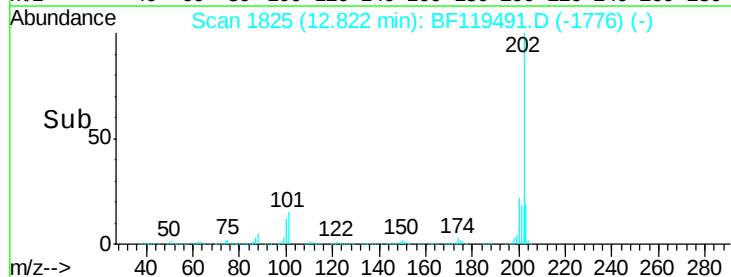
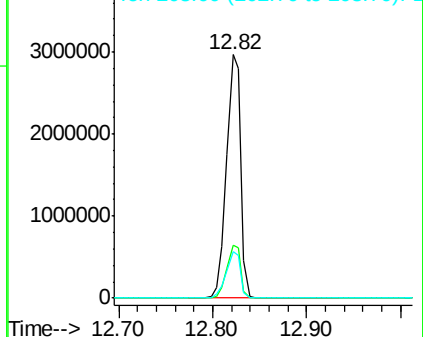
202 100

200 21.9 16.8 25.2

203 18.9 14.8 22.2



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





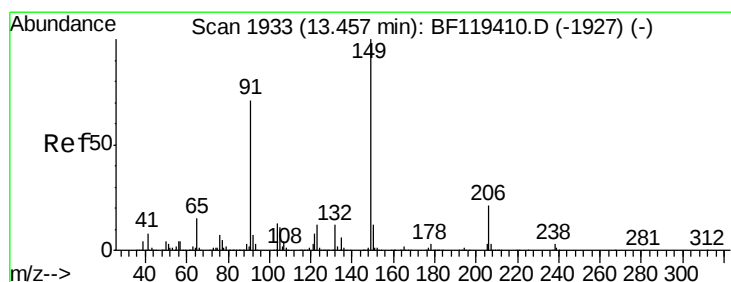
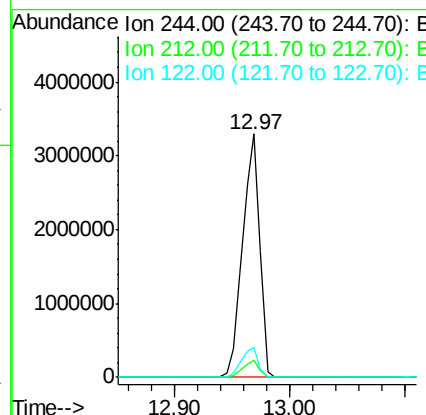
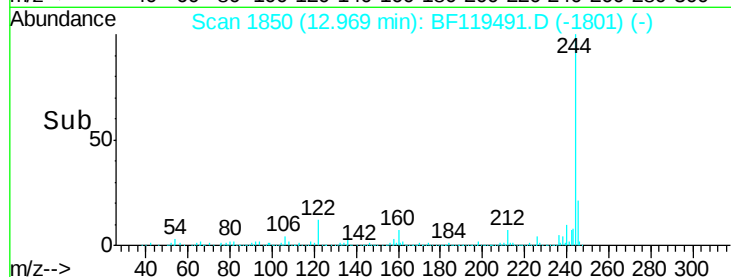
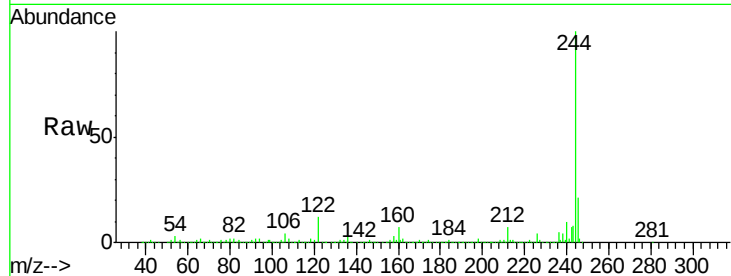
#79
Terphenyl-d14
Concen: 72.413 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:244 Resp: 3373334
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.4 9.8 14.8

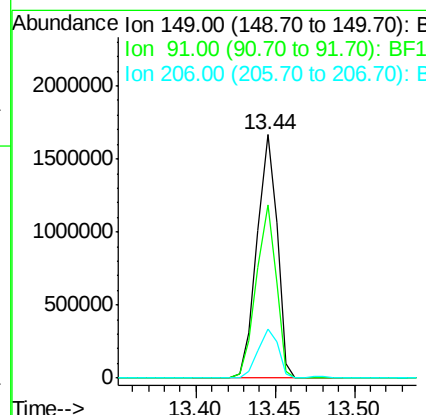
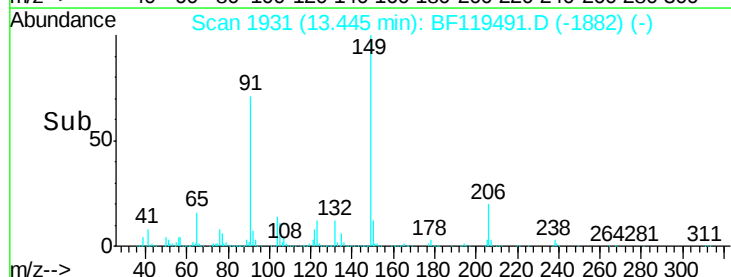
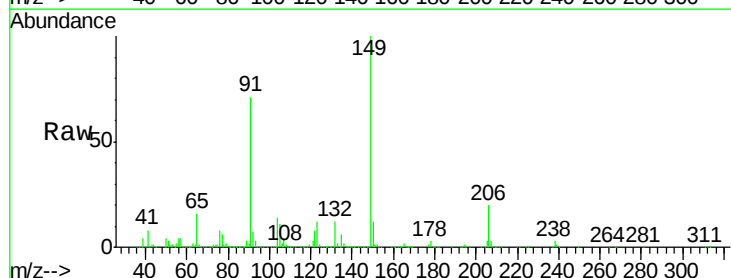
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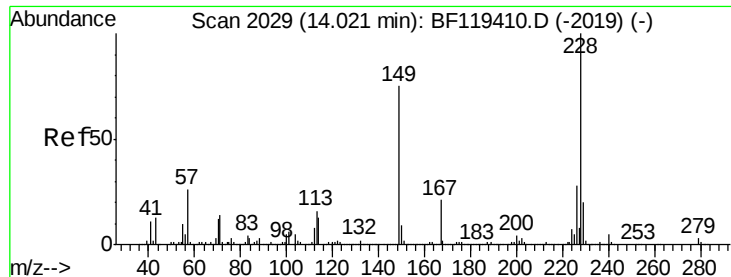
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#80
Butylbenzylphthalate
Concen: 48.956 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion:149 Resp: 1483130
Ion Ratio Lower Upper
149 100
91 71.2 57.0 85.6
206 20.2 16.4 24.6





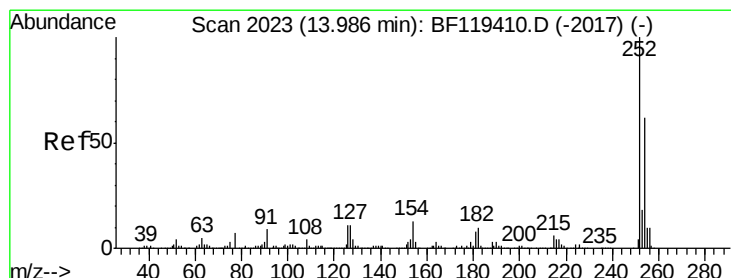
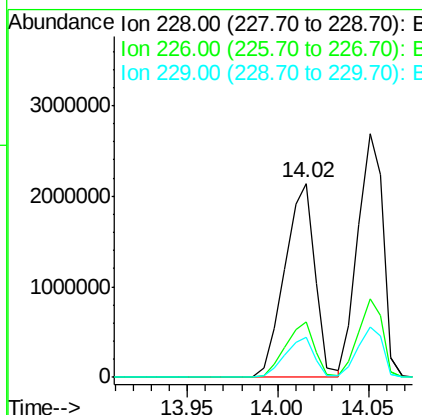
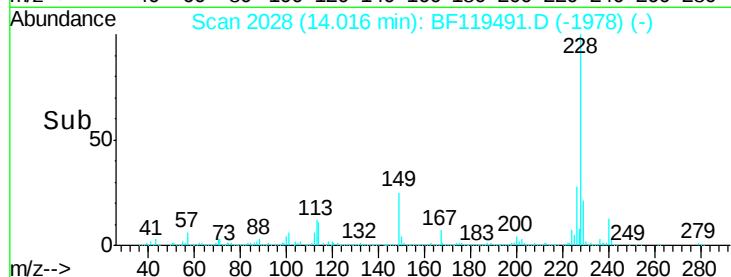
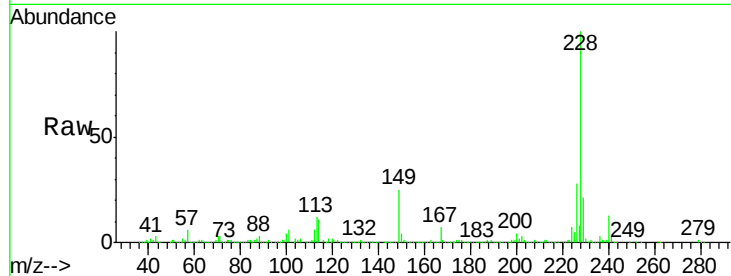
#81
Benzo(a)anthracene
Concen: 42.384 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:228 Resp: 2515565
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.6 16.3 24.5

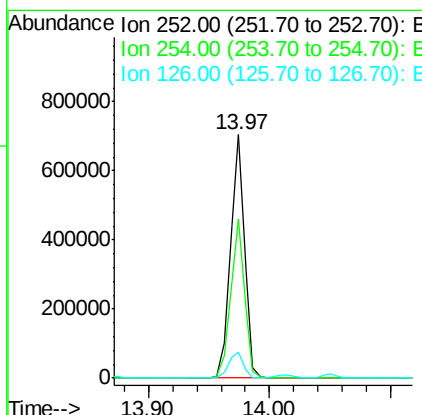
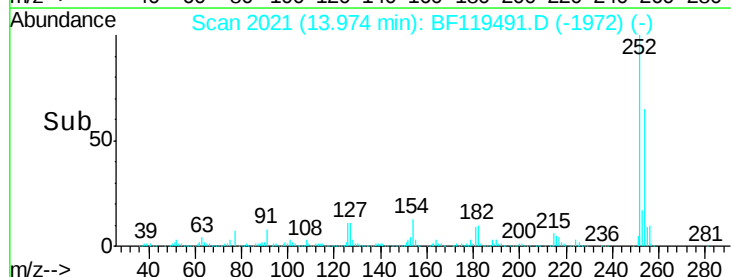
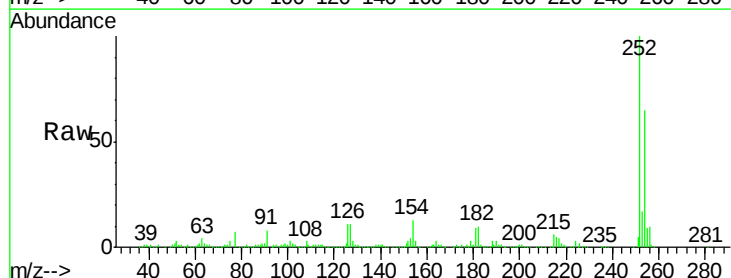
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#82
3,3'-Dichlorobenzidine
Concen: 24.361 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion:252 Resp: 570084
Ion Ratio Lower Upper
252 100
254 65.2 49.8 74.8
126 10.7 8.9 13.3





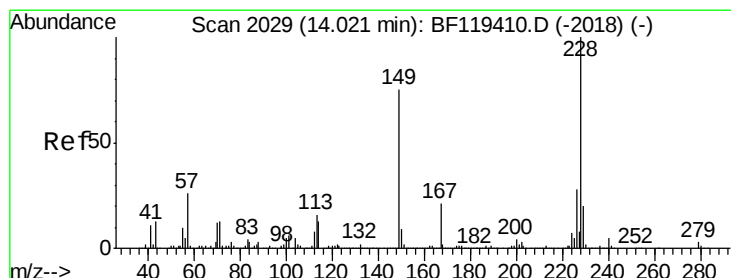
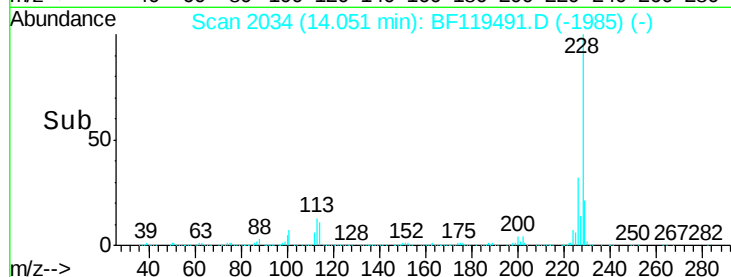
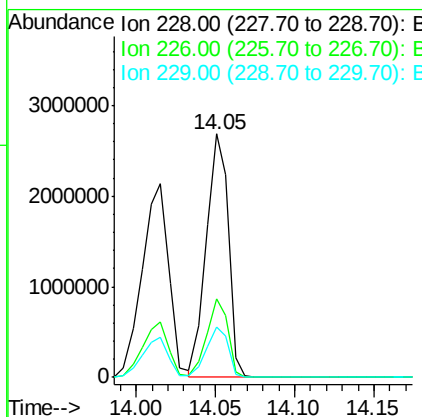
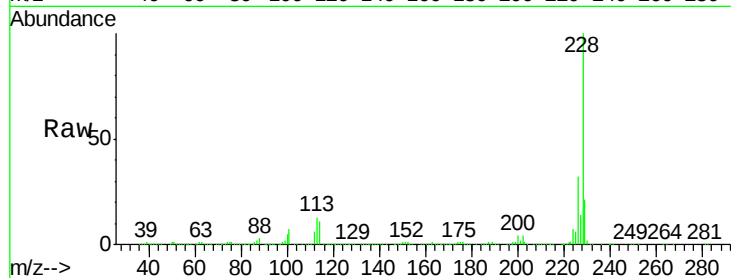
#83
 Chrvsene
 Concen: 42.790 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Instrument :
 BNA_F
 ClientSampleId :
 5TH-STREET-SUBMS

Tot Ion:228 Resp: 2621014
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.8 37.2
 229 20.7 16.6 25.0

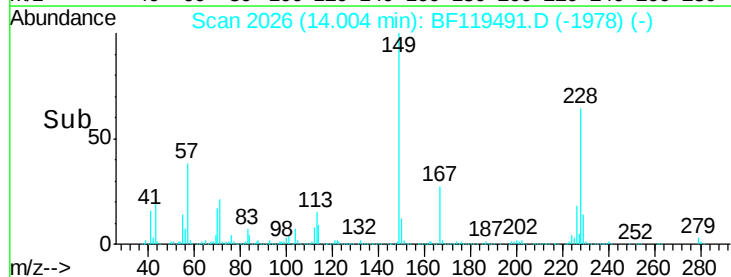
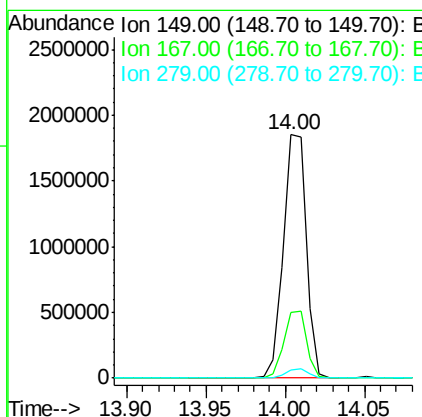
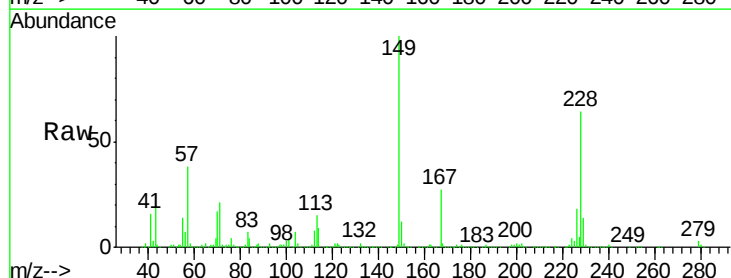
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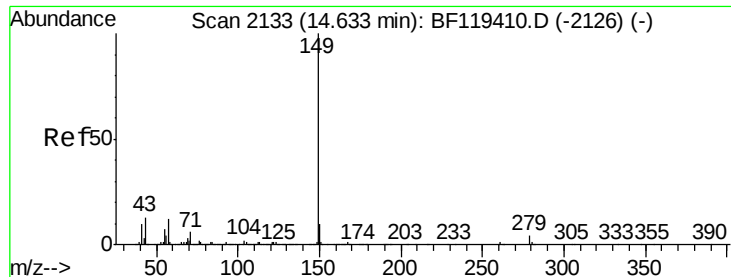
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.333 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119491.D
 Acq: 24 Mar 2020 17:05

Tgt Ion:149 Resp: 1853866
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.0 33.0
 279 3.3 3.2 4.8





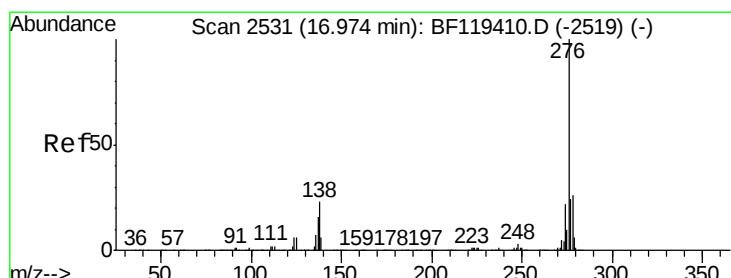
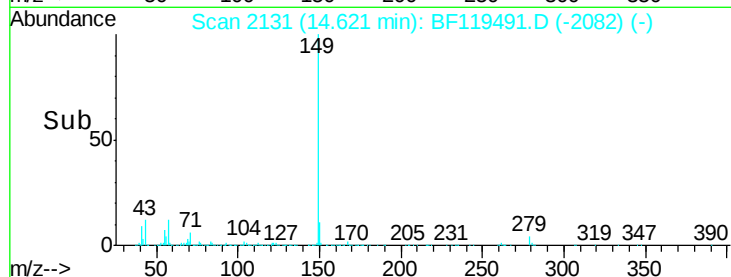
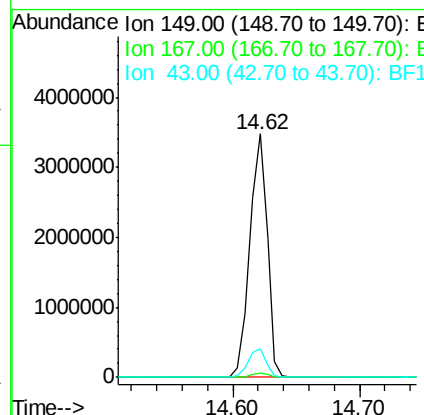
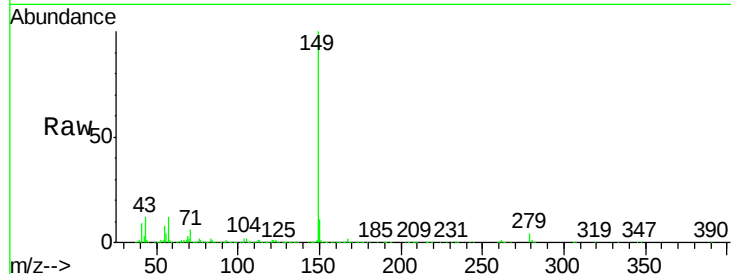
#85
Di-n-octyl phthalate
Concen: 51.953 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.9	10.1	15.1

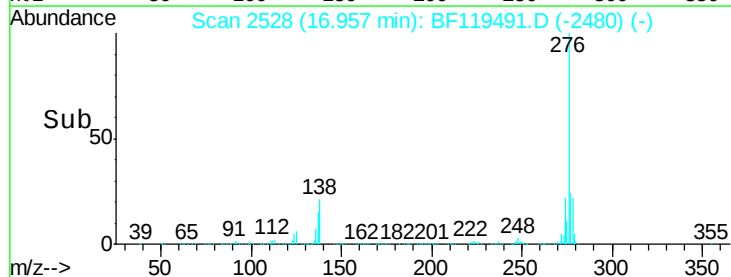
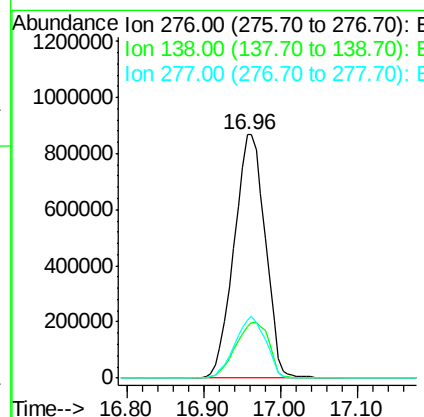
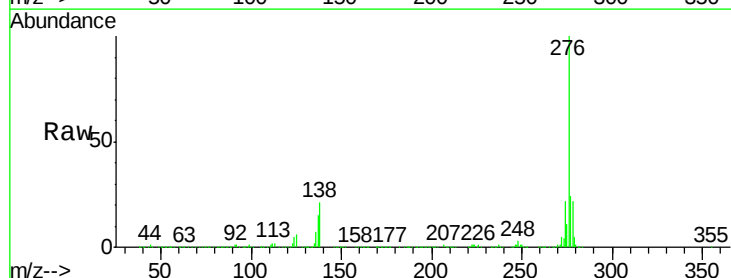
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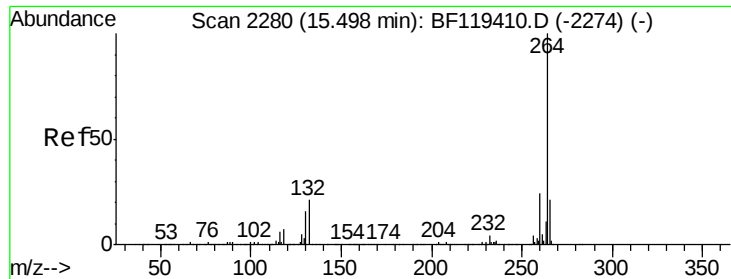
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.624 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.3	31.9
277	25.3	20.2	30.2





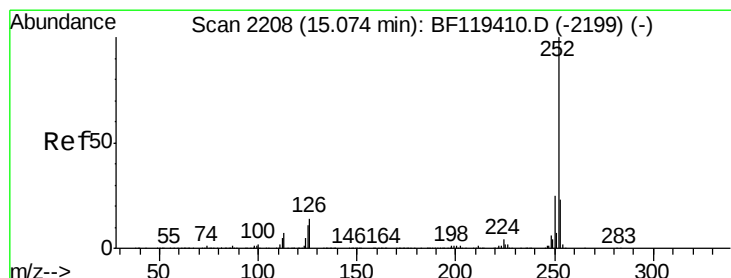
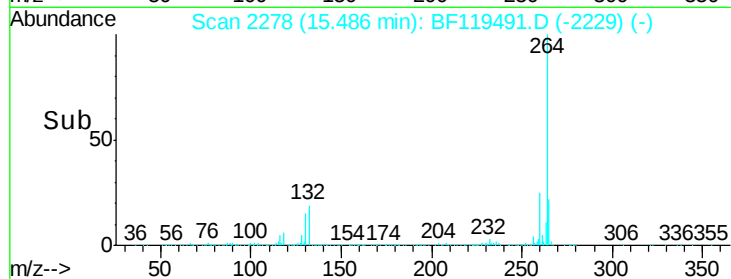
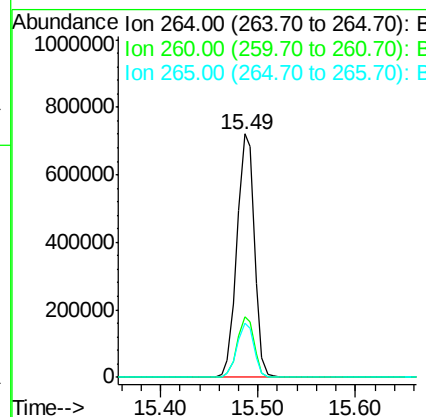
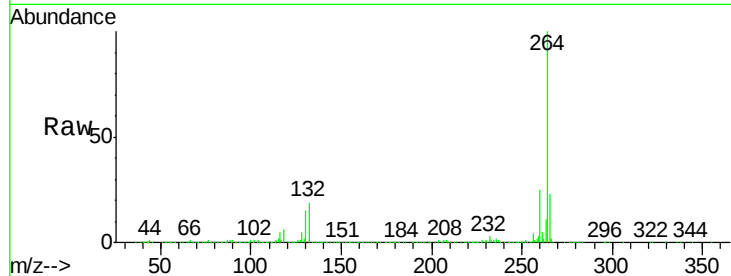
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.5	16.9	25.3

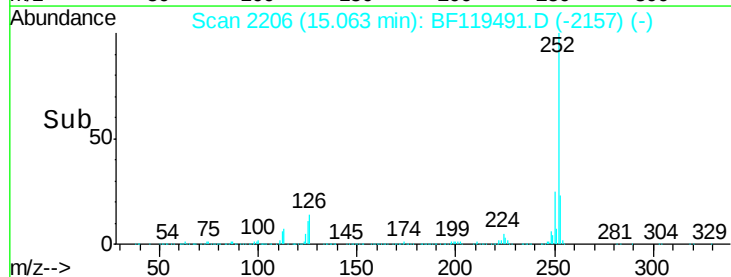
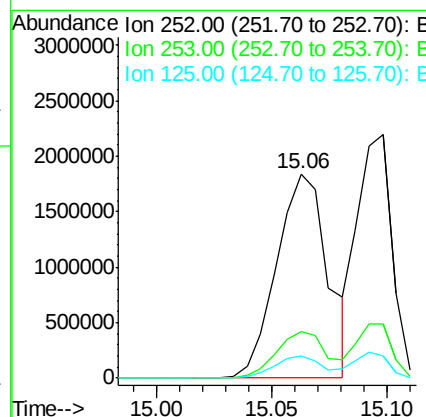
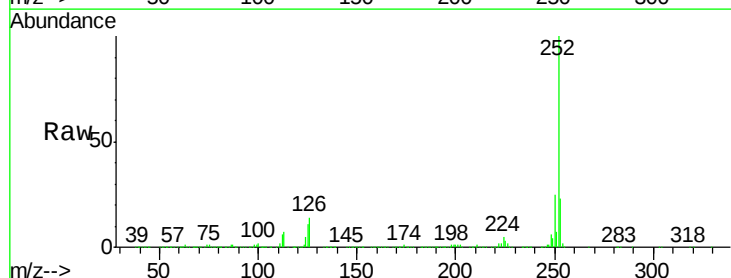
Manual Integrations
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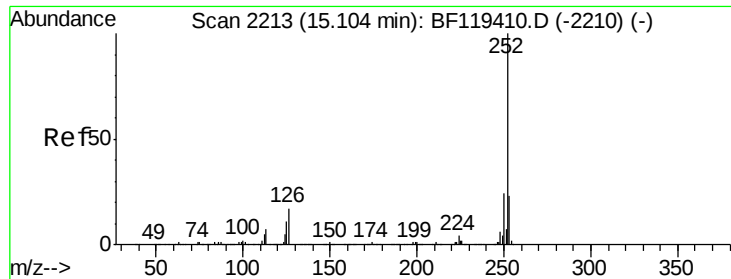
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#88
Benzo(b)fluoranthene
Concen: 47.395 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.7	8.8	13.2





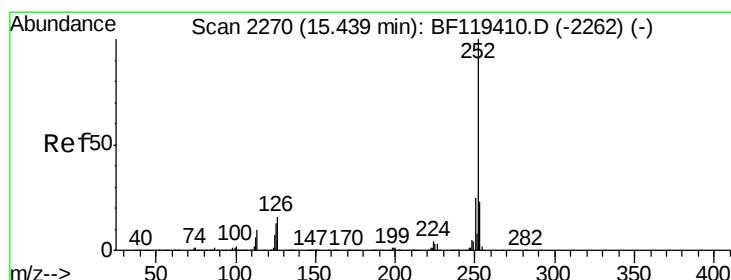
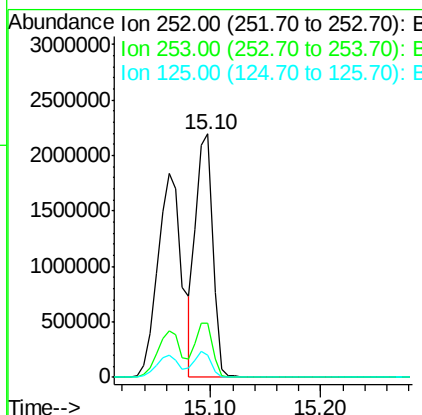
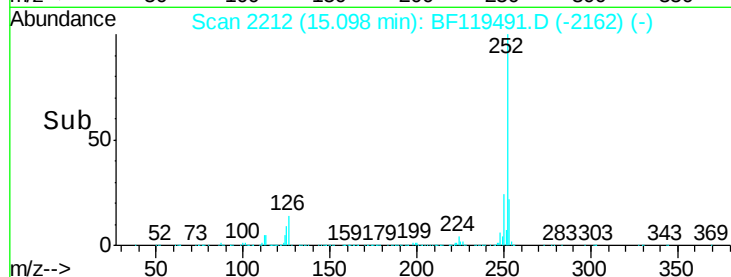
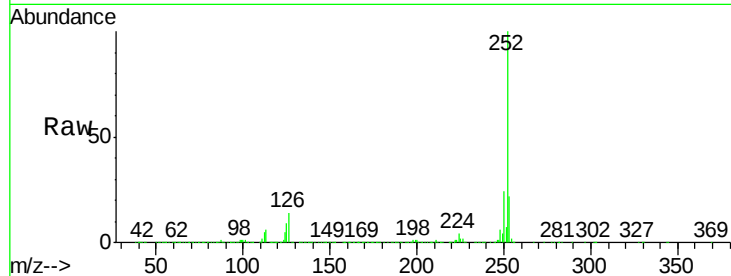
#89
Benzo(k)fluoranthene
Concen: 40.390 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:252 Resp: 2305605
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.4 9.0 13.4

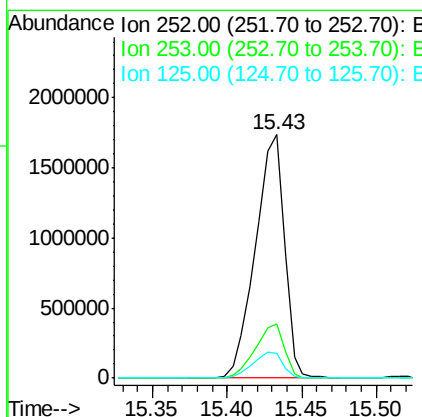
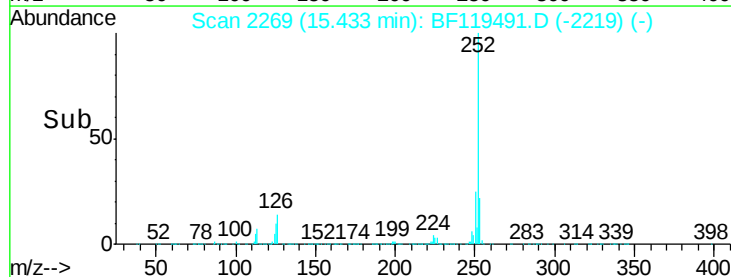
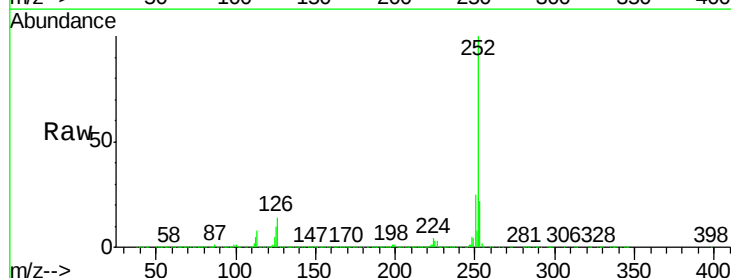
Manual Integrations
APPROVED

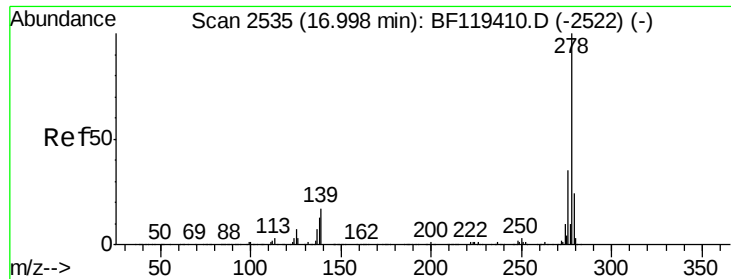
mohammad
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#90
Benzo(a)pyrene
Concen: 42.735 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion:252 Resp: 2328222
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.3 10.2 15.2





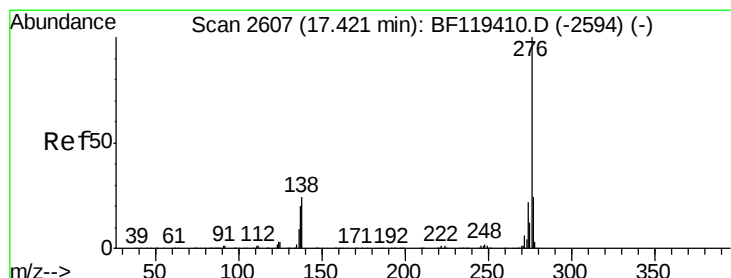
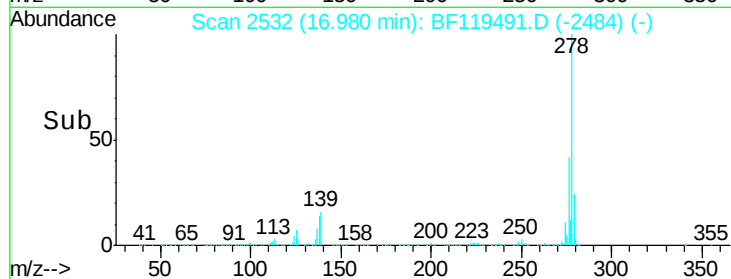
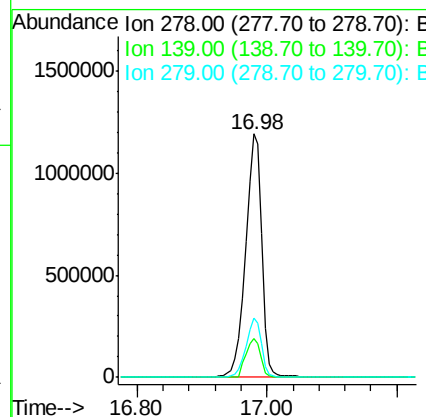
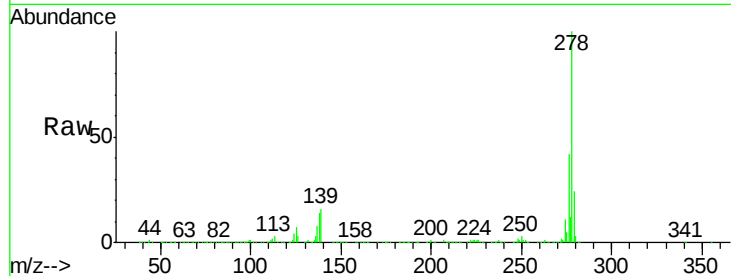
#91
Dibenzo(a,h)anthracene
Concen: 43.148 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Tot Ion:278 Resp: 2056105
Ion Ratio Lower Upper
278 100
139 16.0 13.7 20.5
279 24.3 19.2 28.8

Manual Integrations
APPROVED

mohammad
3/25/2020 12:29:54 PM



#92
Benzo(g,h,i)perylene
Concen: 42.469 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF119491.D
Acq: 24 Mar 2020 17:05

Tgt Ion:276 Resp: 2033098
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.2 19.1 28.7

