

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119746.D
 Acq On : 4 Apr 2020 5:47
 Operator : MA/SJ
 Sample : L2129-26MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Manual Integrations
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mohammad
 4/6/2020 1:39:11 PM

Quant Time: Apr 04 06:29:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	195017	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	730632	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	356871	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	607410	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	356644	20.00	ng	-0.02
87) Perylene-d12	15.43	264	373774	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1838955	150.11	ng	0.02
7) Phenol-d6	6.45	99	2379456	152.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	1478832	110.00	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	592175	160.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2615119	108.56	ng	0.00
79) Terphenyl-d14	12.92	244	2335760	128.31	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.62	88	247612	40.925	ng	97
3) Pyridine	3.35	79	682812	40.964	ng	94
4) n-Nitrosodimethylamine	3.30	42	361173	44.432	ng	93
6) Aniline	6.47	93	681239	31.541	ng	98
8) 2-Chlorophenol	6.59	128	715484	55.608	ng	97
9) Benzaldehyde	6.35	77	373726	37.646	ng	99
10) Phenol	6.46	94	883968	52.938	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	680727	50.972	ng	97
12) 1,3-Dichlorobenzene	6.75	146	709979	50.984	ng	97
13) 1,4-Dichlorobenzene	6.82	146	723754	51.960	ng	98
14) 1,2-Dichlorobenzene	6.98	146	673036	51.695	ng	98
15) Benzyl Alcohol	6.95	79	578567	49.149	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1172238	43.516	ng	98
17) 2-Methylphenol	7.06	107	571006	48.437	ng	99
18) Hexachloroethane	7.32	117	262732	51.470	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	473345	50.182	ng	97
20) 3+4-Methylphenols	7.22	107	681289	47.156	ng	# 84
22) Acetophenone	7.22	105	905998	51.895	ng	# 87
24) Nitrobenzene	7.39	77	722740	50.305	ng	98
25) Isophorone	7.63	82	1320651	48.427	ng	99
26) 2-Nitrophenol	7.70	139	373710	66.063	ng	96
27) 2,4-Dimethylphenol	7.75	122	589792	50.423	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	841625	52.190	ng	99
29) 2,4-Dichlorophenol	7.95	162	561523	52.246	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	619188	52.094	ng	99
31) Naphthalene	8.12	128	1953922	51.967	ng	99
32) Benzoic acid	7.88	122	448196	59.568	ng	97
33) 4-Chloroaniline	8.16	127	260316	15.110	ng	98
34) Hexachlorobutadiene	8.23	225	348900	52.465	ng	99
35) Caprolactam	8.55	113	176652m	50.222	ng	
36) 4-Chloro-3-methylphenol	8.65	107	596383	50.770	ng	98
37) 2-Methylnaphthalene	8.80	142	1305796	52.918	ng	98
38) 1-Methylnaphthalene	8.90	142	1235489	52.898	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	569675	54.461	ng	99

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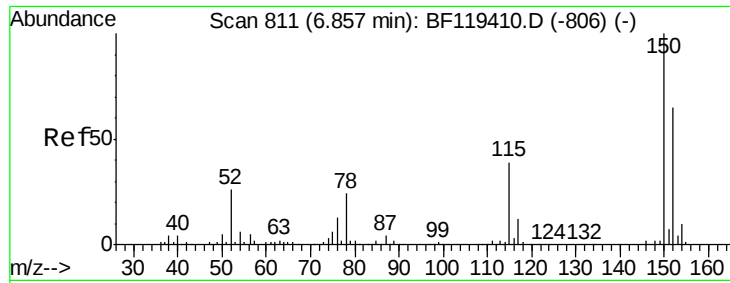
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	411973	69.277	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	406327	54.282	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	418682	49.929	nq	96
46) 1,1'-Biphenyl	9.27	154	1528024	52.572	nq	97
47) 2-Chloronaphthalene	9.30	162	1185872	52.087	nq	98
48) 2-Nitroaniline	9.39	65	413398	52.606	nq	95
49) Acenaphthylene	9.71	152	1835863	51.349	nq	99
50) Dimethylphthalate	9.57	163	1641657	64.763	nq	99
51) 2,6-Dinitrotoluene	9.63	165	305865	56.294	nq	93
52) Acenaphthene	9.89	154	1158016	51.955	nq	99
53) 3-Nitroaniline	9.80	138	183061	26.687	nq	96
54) 2,4-Dinitrophenol	9.90	184	129656	57.408	nq	90
55) Dibenzofuran	10.06	168	1633597	51.120	nq	100
56) 4-Nitrophenol	9.97	139	465808	86.081	nq	96
57) 2,4-Dinitrotoluene	10.04	165	393591	57.504	nq	92
58) Fluorene	10.40	166	1233261	52.187	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	326140	52.032	nq	98
60) Diethylphthalate	10.27	149	1361265	52.911	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	595774	51.555	nq	98
62) 4-Nitroaniline	10.42	138	261761	39.795	nq	99
63) Azobenzene	10.55	77	1278284	49.340	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	100975	39.644	nq	94
66) n-Nitrosodiphenylamine	10.51	169	1132134	56.776	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	381294	55.119	nq	97
68) Hexachlorobenzene	10.95	284	409983	57.907	nq	99
69) Atrazine	11.04	200	329965	60.360	nq	99
70) Pentachlorophenol	11.15	266	399940	96.338	nq	99
71) Phenanthrene	11.36	178	1752185	55.632	nq	99
72) Anthracene	11.42	178	1716616	53.627	nq	99
73) Carbazole	11.57	167	1484714	46.860	nq	99
74) Di-n-butylphthalate	11.90	149	2004108	59.130	nq	99
75) Fluoranthene	12.55	202	1718431	50.415	nq	98
77) Benzidine	12.67	184	817631	54.172	nq	98
78) Pyrene	12.78	202	1682950	57.499	nq	99
80) Butylbenzylphthalate	13.40	149	699111	59.056	nq	98
81) Benzo(a)anthracene	13.97	228	1286104	55.455	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	442505	48.391	nq	98
83) Chrysene	14.00	228	1273733	53.216	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	918025	65.052	nq	99
85) Di-n-octyl phthalate	14.57	149	1508509	60.780	nq	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	1261139	55.946	nq	99
88) Benzo(b)fluoranthene	15.01	252	1378594	55.214	nq	99
89) Benzo(k)fluoranthene	15.04	252	1257244	52.882	nq	100
90) Benzo(a)pyrene	15.37	252	1209025	53.283	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1060635	53.441	nq	98
92) Benzo(g,h,i)perylene	17.32	276	1005306	50.420	nq	98

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



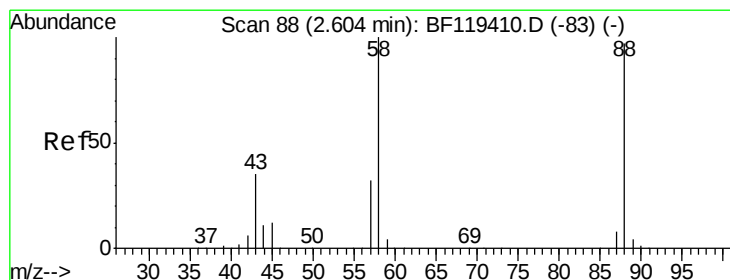
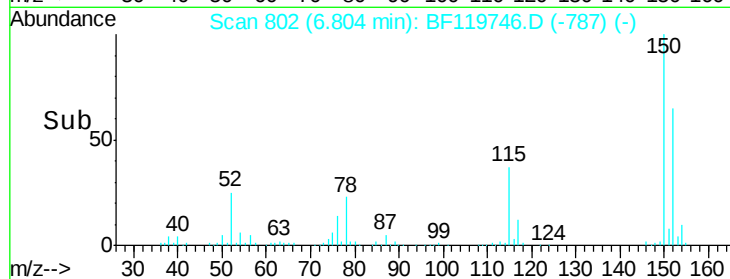
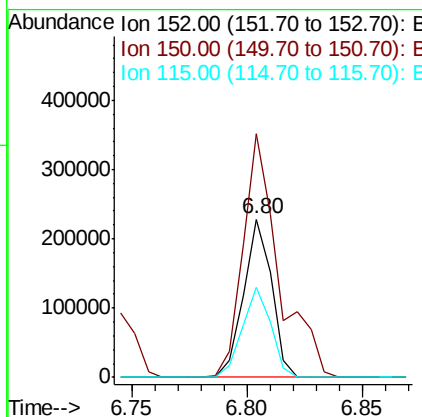
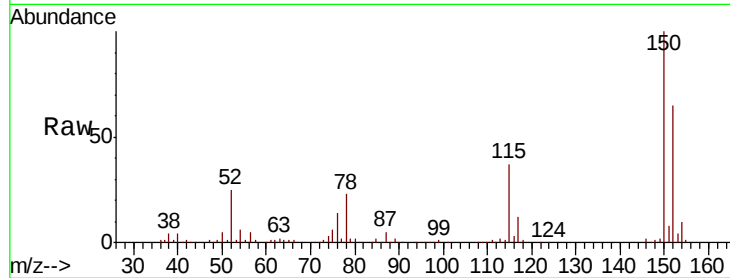
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.5	186.7
115	56.9	49.6	74.4

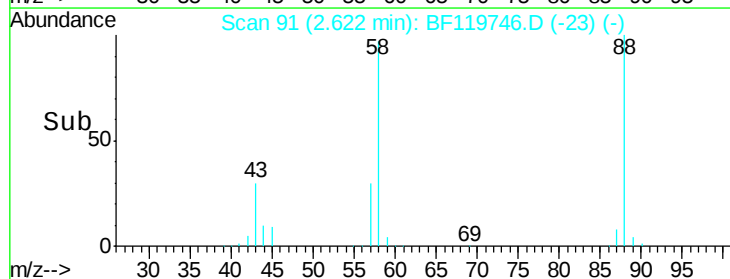
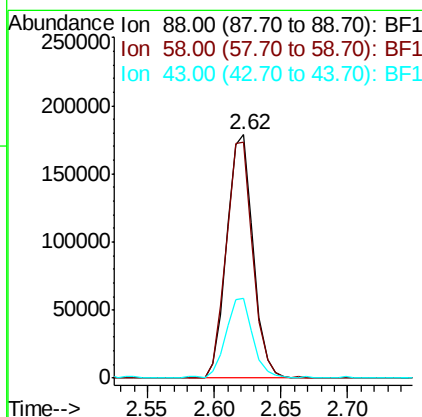
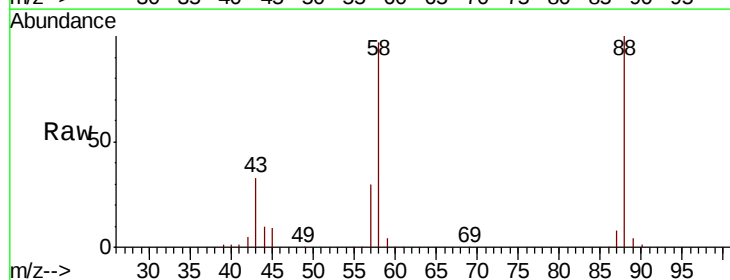
Manual Integrations
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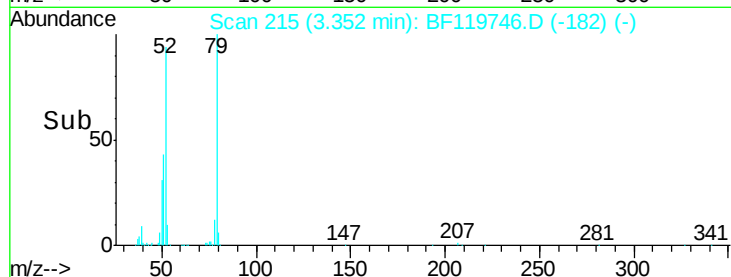
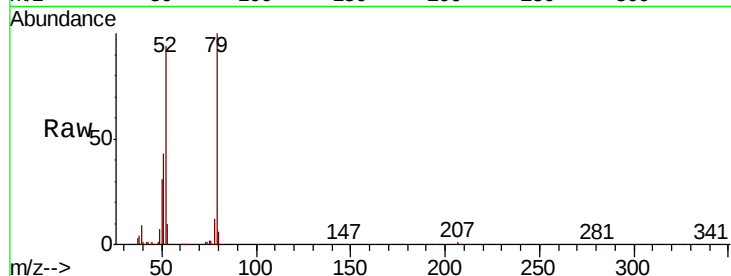
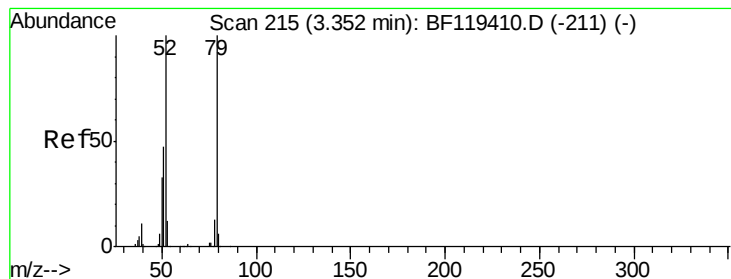
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#2
 1,4-Dioxane
 Concen: 40.925 ng
 RT: 2.62 min Scan# 91
 Delta R.T. 0.10 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	80.6	121.0
43	32.5	27.5	41.3





#3

Pvridine

Concen: 40.964 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tot Ion:	79	Resp:	682812
Ion Ratio	Lower	Upper	
79	100		
52	94.3	80.2	120.2
51	43.3	37.7	56.5

Instrument :

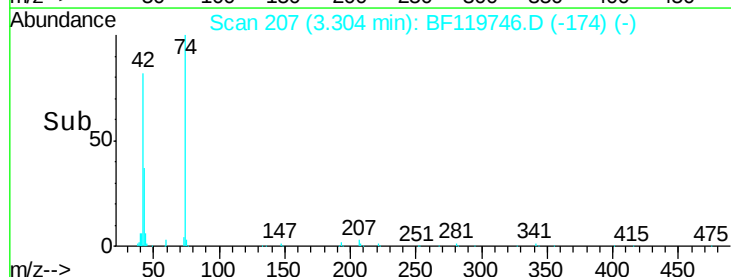
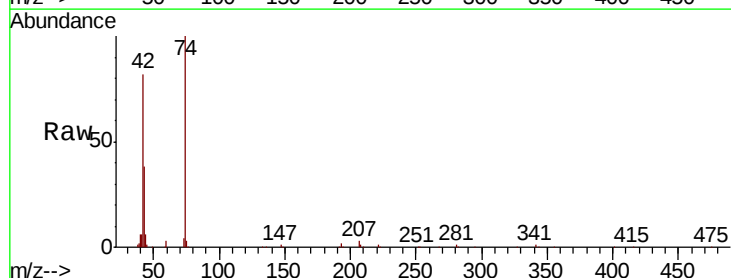
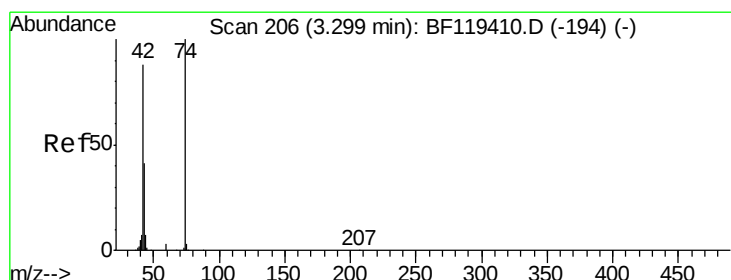
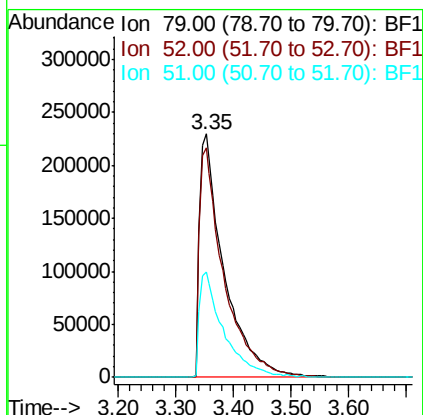
BNA_F

ClientSampleId :

TP-2MSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.432 ng

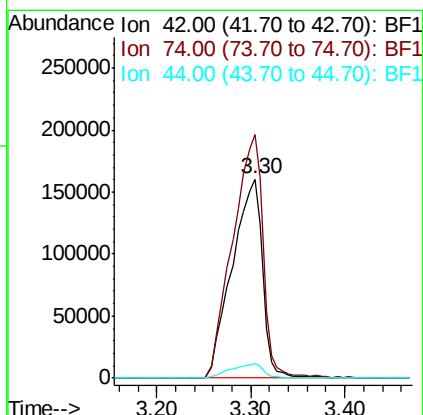
RT: 3.30 min Scan# 207

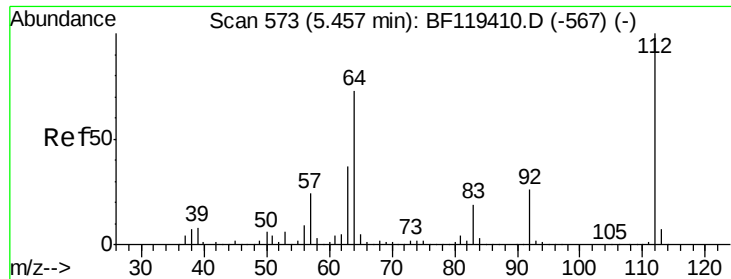
Delta R.T. 0.09 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion:	42	Resp:	361173
Ion Ratio	Lower	Upper	
42	100		
74	122.3	91.5	137.3
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 150.112 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:112 Resp: 1838955

Ion Ratio Lower Upper

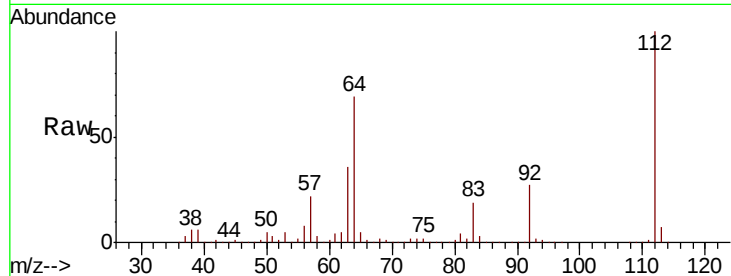
112 100

64 69.0 56.7 85.1

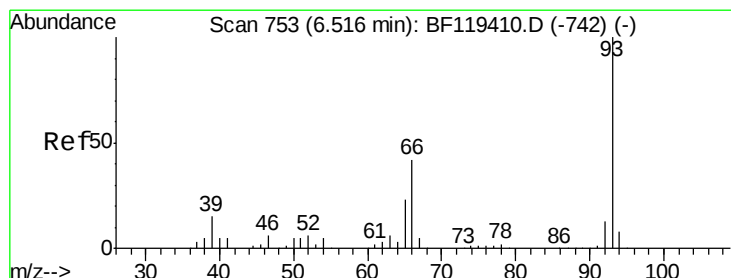
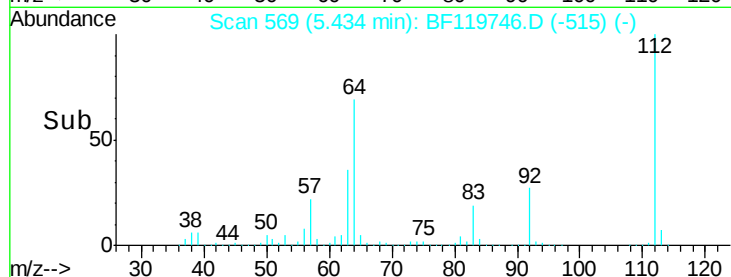
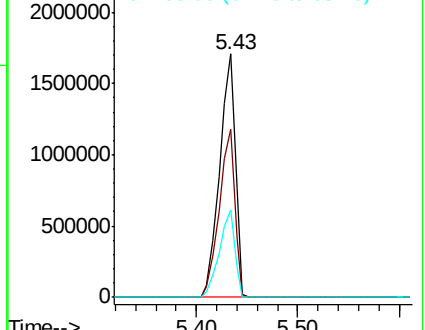
63 35.8 29.5 44.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.541 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

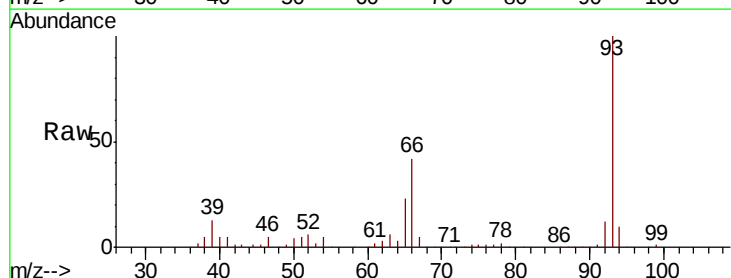
Tgt Ion: 93 Resp: 681239

Ion Ratio Lower Upper

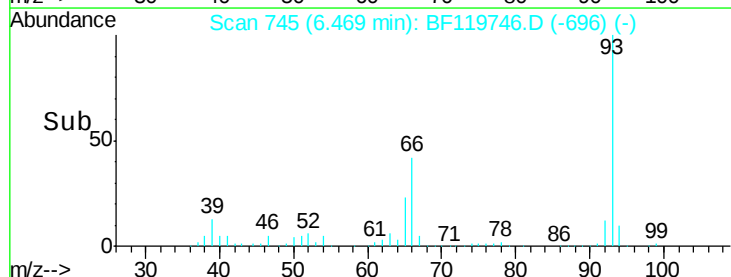
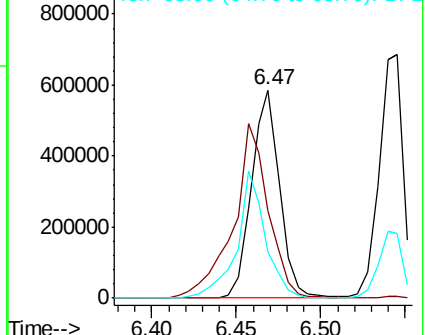
93 100

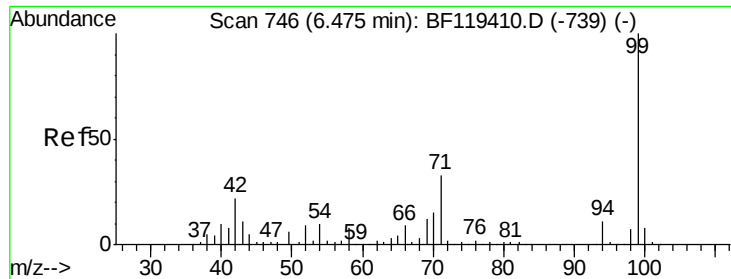
66 41.9 34.9 52.3

65 22.6 18.6 27.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 152.050 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion: 99 Resp: 2379456

Ion Ratio Lower Upper

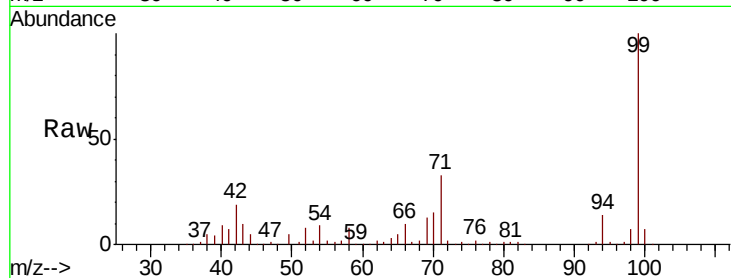
99 100

42 19.4 16.6 24.8

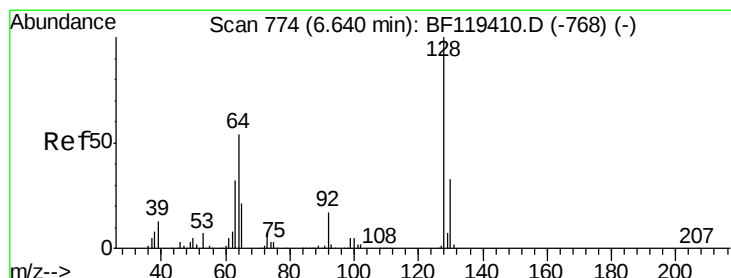
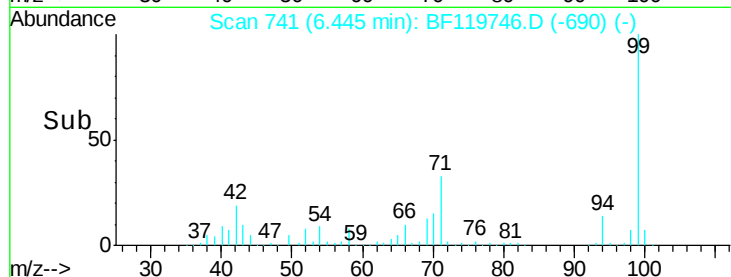
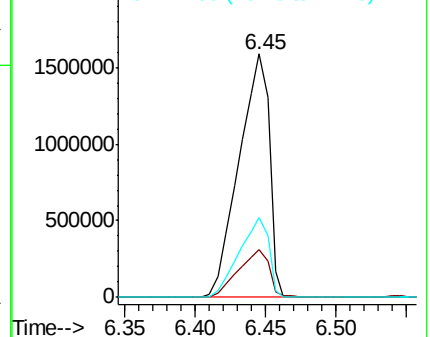
71 32.9 26.4 39.6

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.608 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

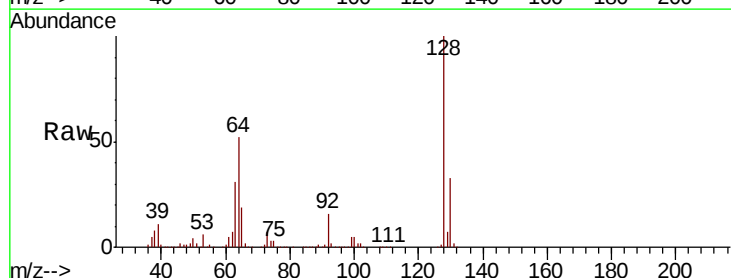
Tgt Ion: 128 Resp: 715484

Ion Ratio Lower Upper

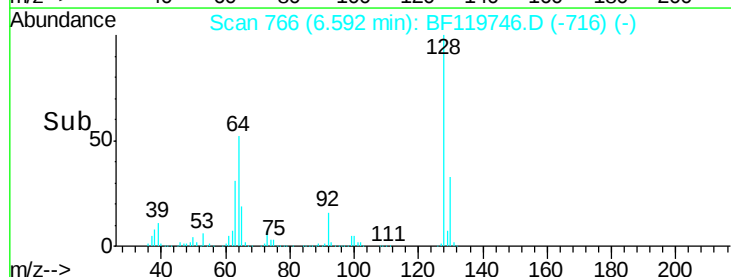
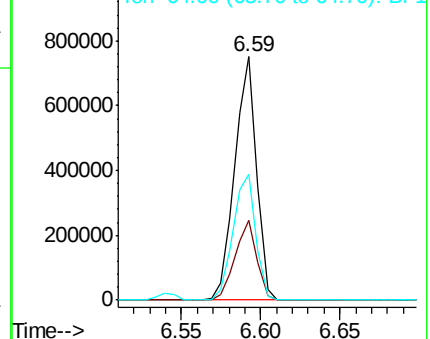
128 100

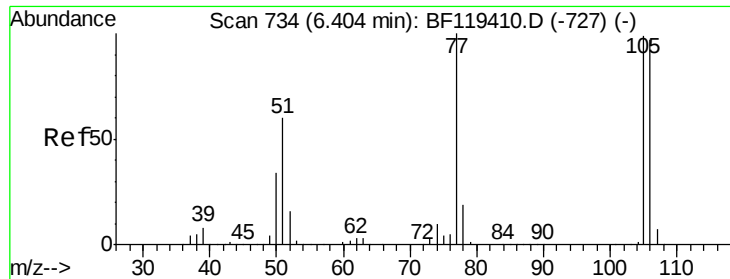
130 32.7 12.6 52.6

64 51.9 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





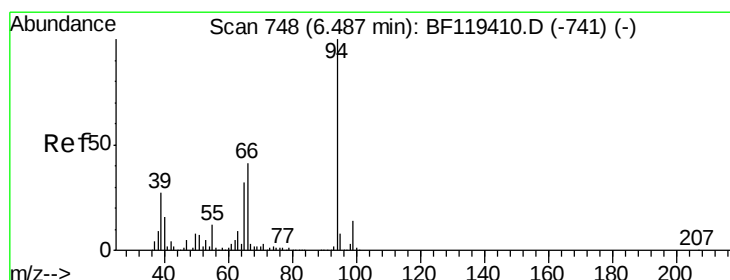
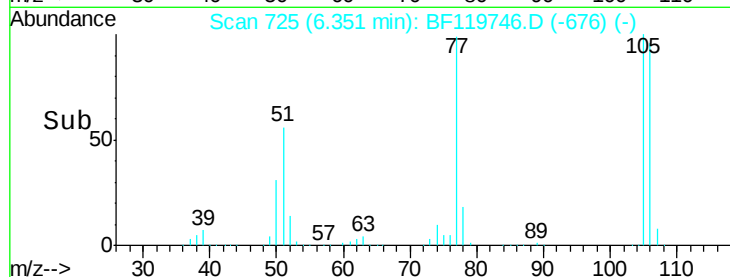
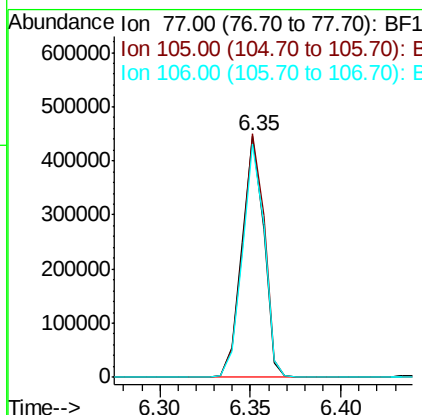
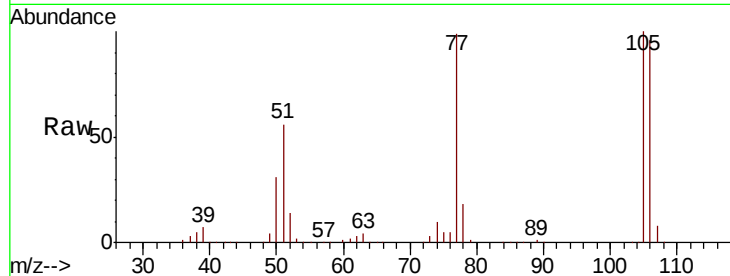
#9
Benzaldehyde
Concen: 37.646 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	80.9	120.9
106	96.9	77.9	117.9

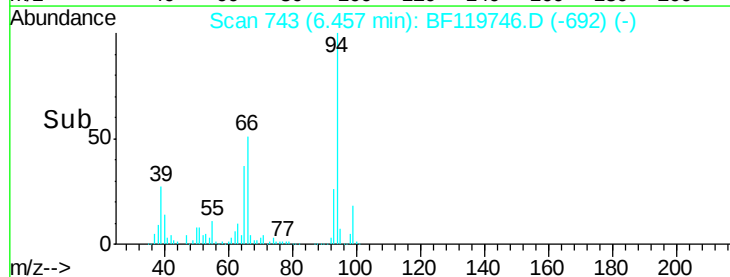
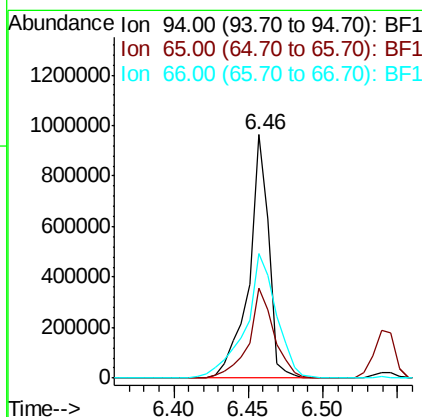
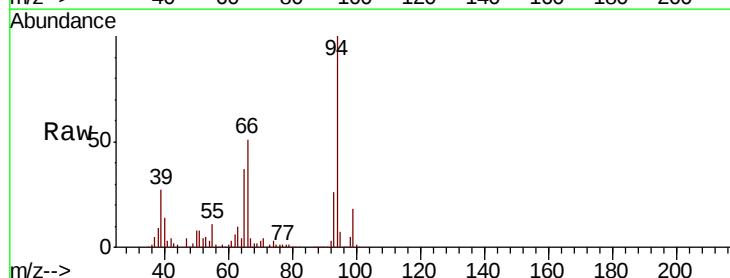
Manual Integrations
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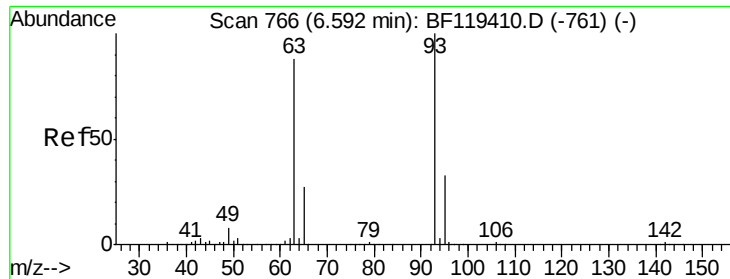
mohammad
4/6/2020 1:39:11 PM



#10
Phenol
Concen: 52.938 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	13.2	53.2
66	51.0	22.3	62.3





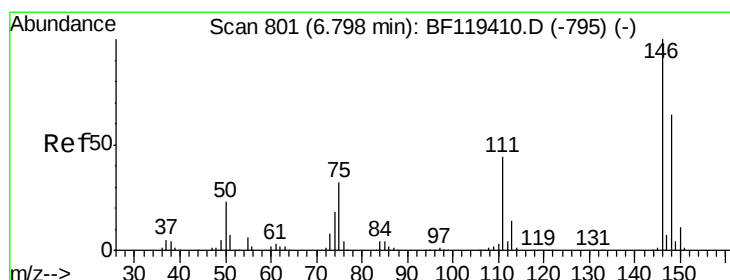
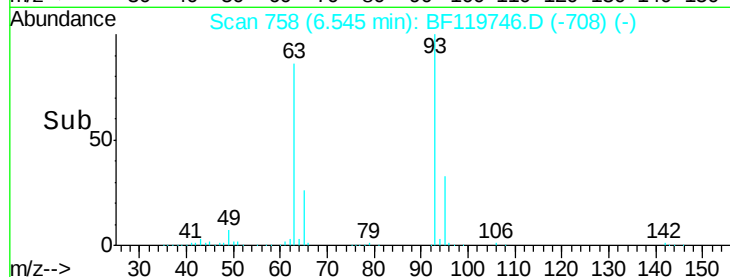
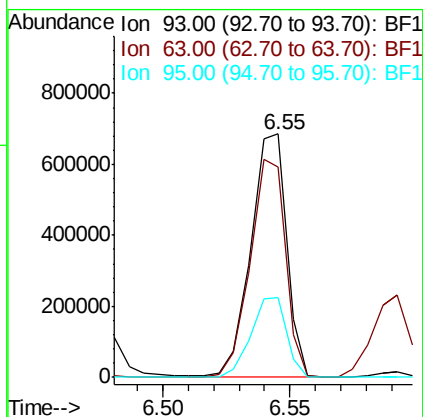
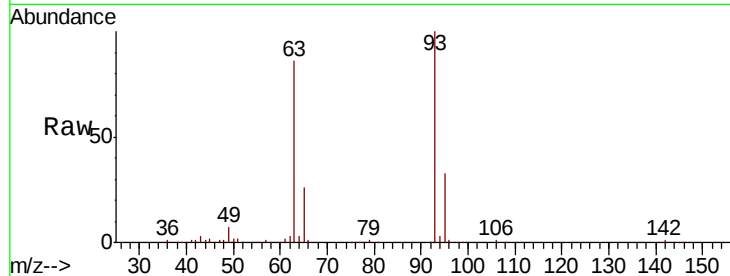
#11
bis(2-Chloroethyl)ether
Concen: 50.972 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:	93	Resp:	680727
Ion	Ratio	Lower	Upper
93	100		
63	86.5	70.2	110.2
95	32.9	13.4	53.4

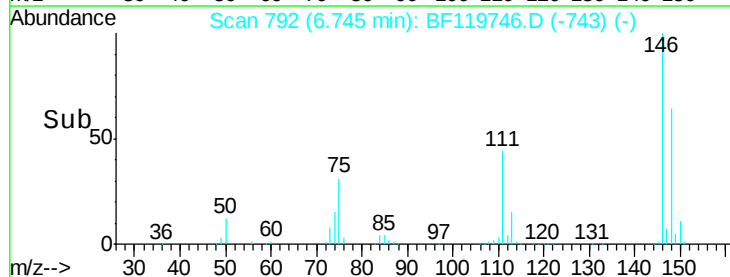
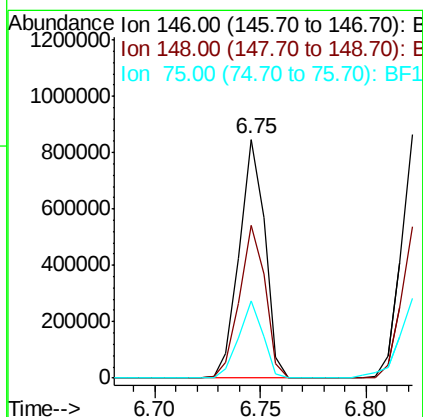
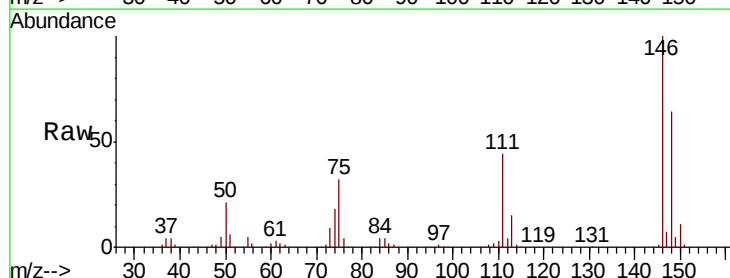
Manual Integrations
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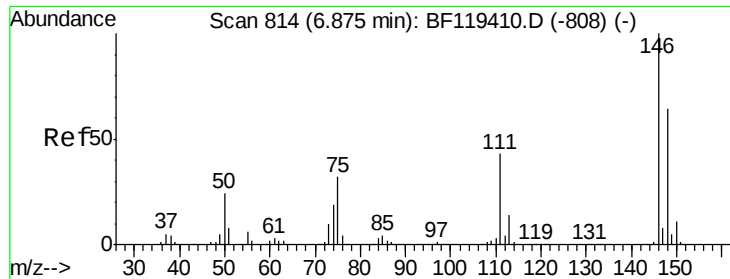
mohammad
4/6/2020 1:39:11 PM



#12
1,3-Dichlorobenzene
Concen: 50.984 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion:	146	Resp:	709979
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
75	32.1	23.0	34.4





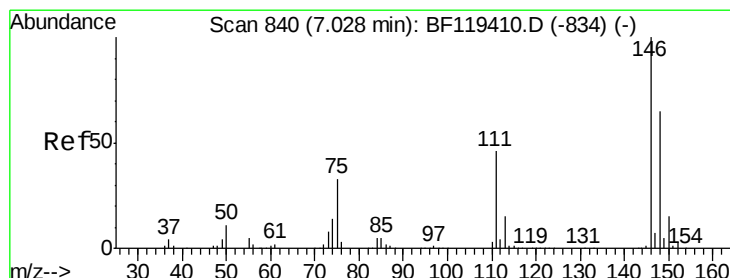
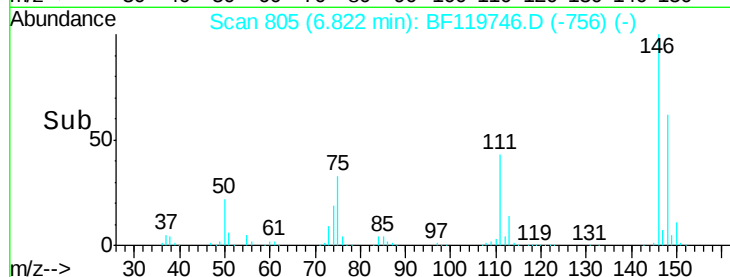
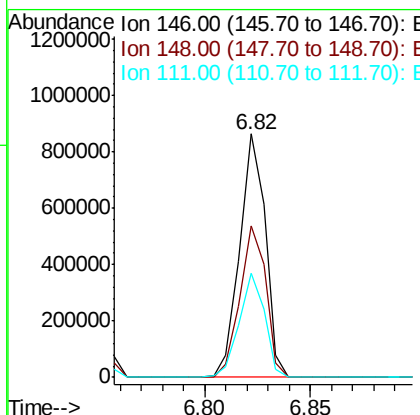
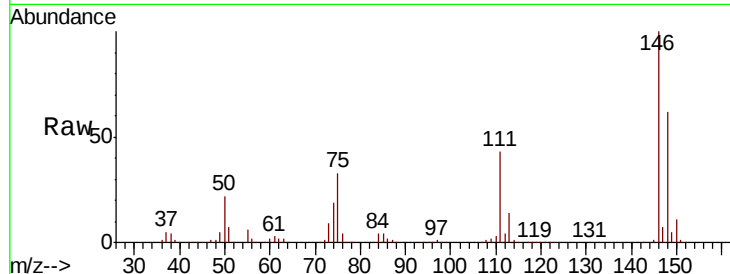
#13
 1,4-Dichlorobenzene
 Concen: 51.960 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampled :
 TP-2MSD

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

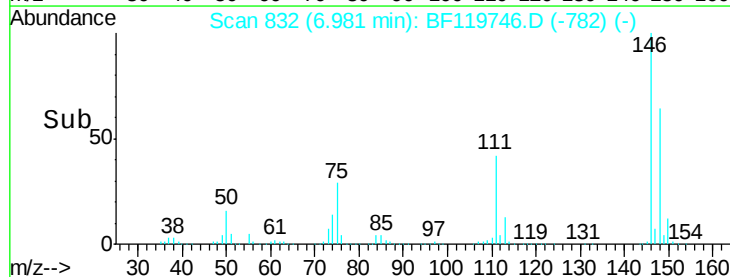
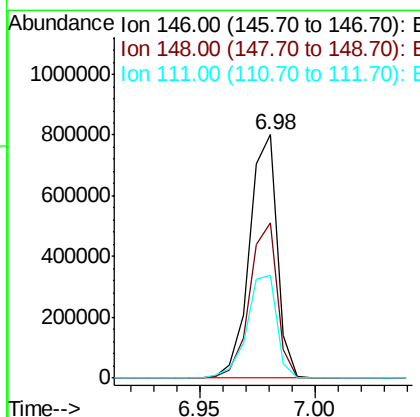
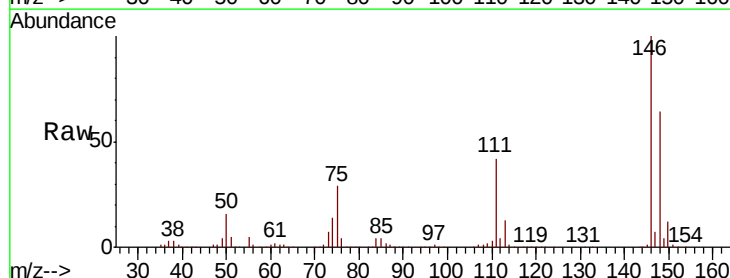
Manual Integrations
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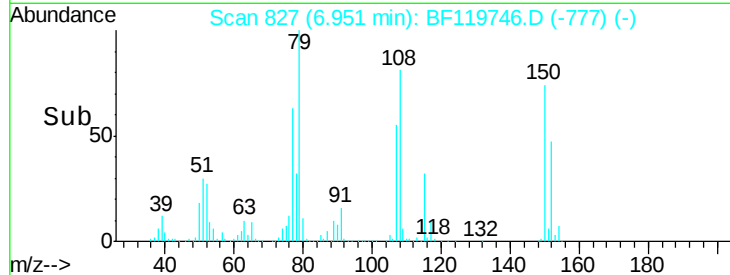
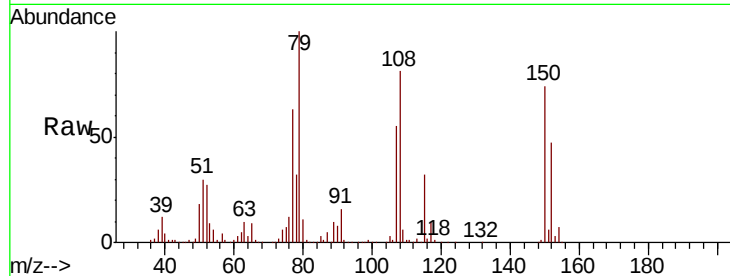
mohammad
 4/6/2020 1:39:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 51.695 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	42.5	36.1	54.1





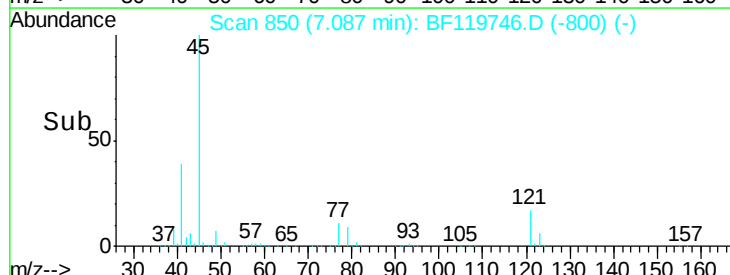
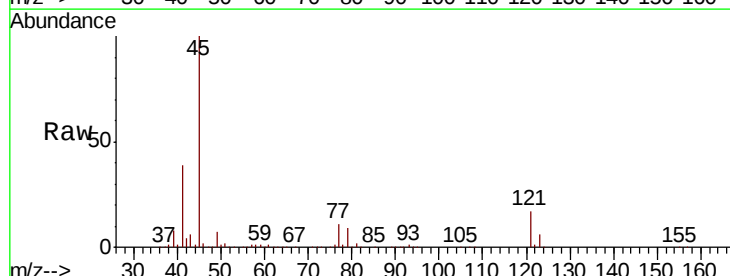
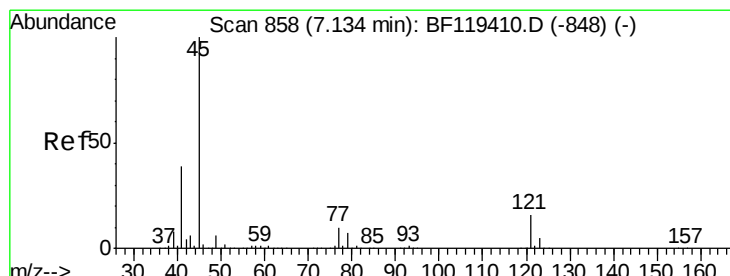
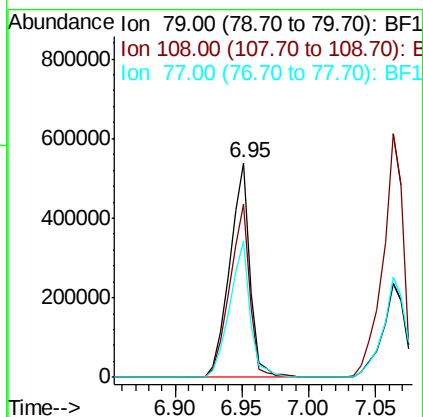
#15
Benzyl Alcohol
Concen: 49.149 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tot Ion	79	Resp	578567
Ion Ratio	Lower	Upper	
79	100		
108	80.7	60.6	90.8
77	63.3	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

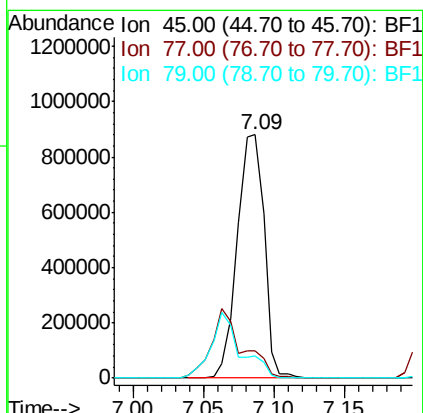
Manual Integrations
APPROVED

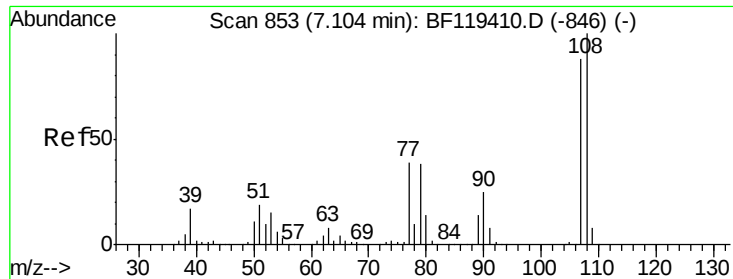
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.516 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	45	Resp	1172238
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.7
79	9.2	0.0	28.2





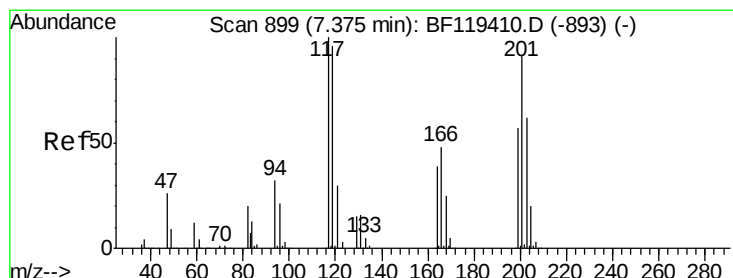
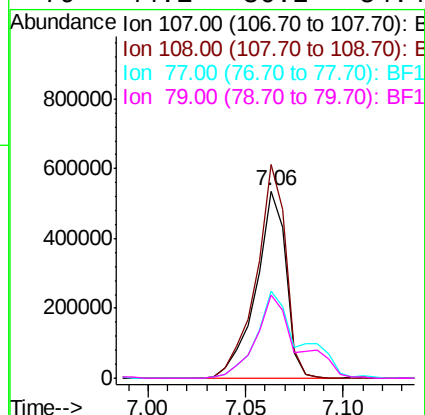
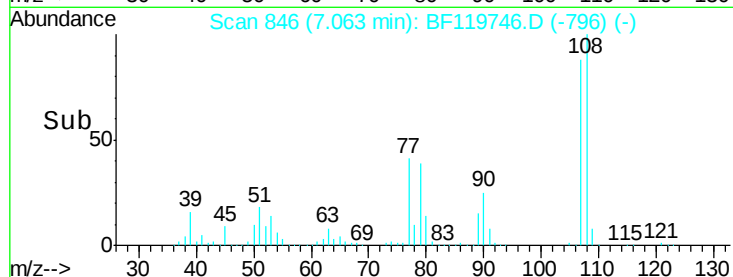
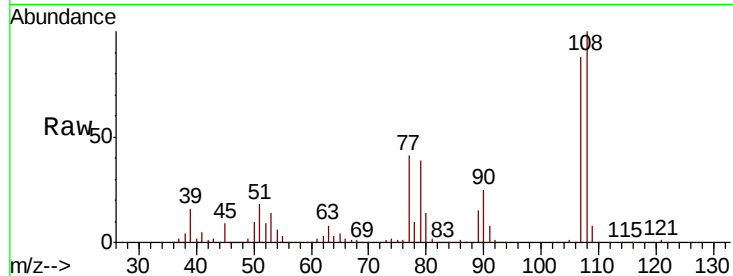
#17
2-Methylphenol
Concen: 48.437 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	571006		
108	108.00	113.9	92.2	138.4	
77	77.00	46.8	36.6	54.8	
79	79.00	44.1	36.2	54.4	

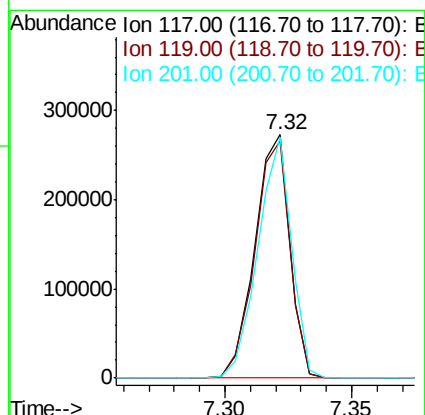
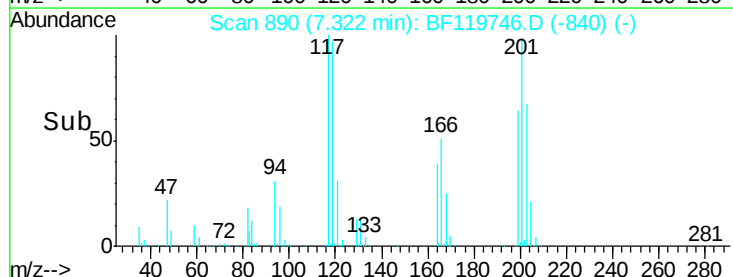
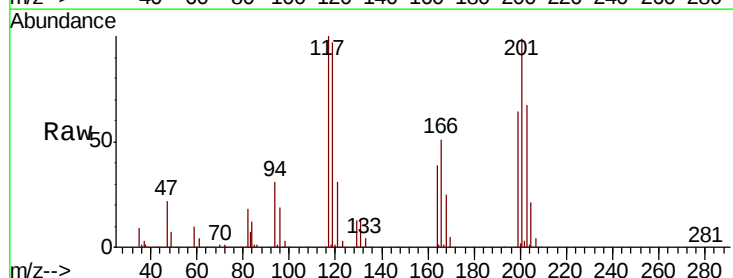
Manual Integrations
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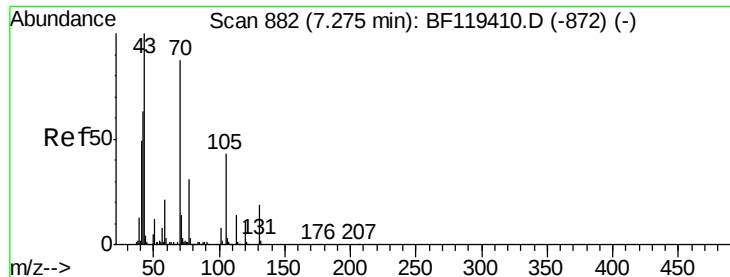
mohammad
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#18
Hexachloroethane
Concen: 51.470 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	262732		
119	119.00	97.3	76.1	114.1	
201	201.00	99.2	73.0	109.6	





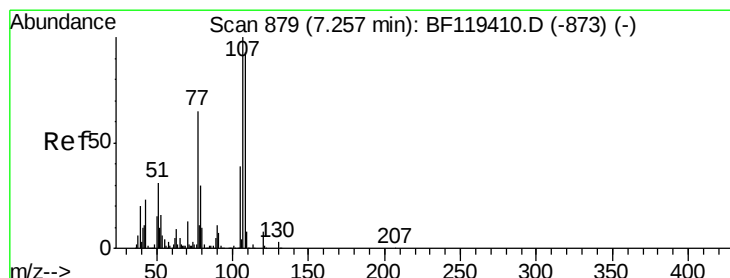
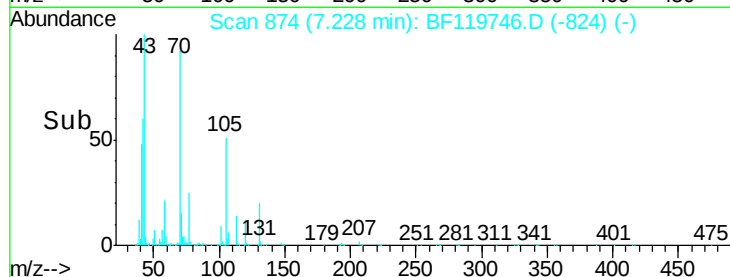
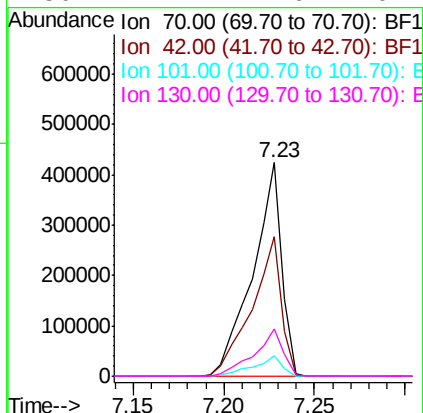
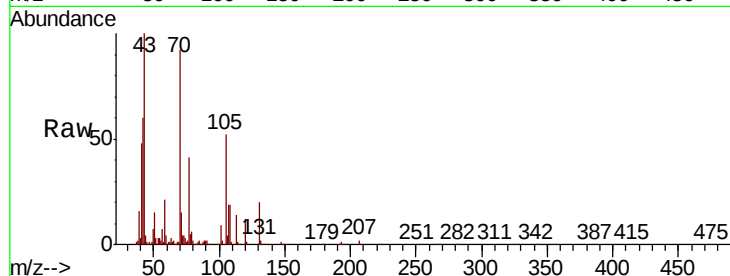
#19
n-Nitroso-di-n-propylamine
Concen: 50.182 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.1	54.5	81.7		
101	9.8	7.6	11.4		
130	22.2	17.6	26.4		

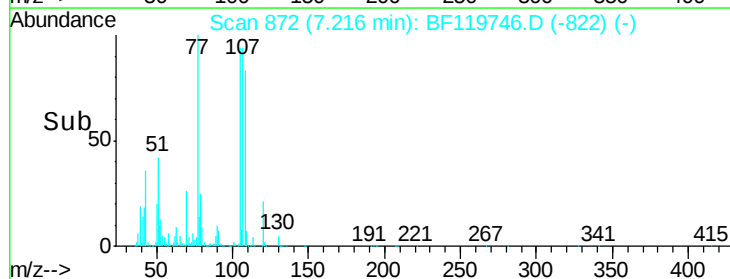
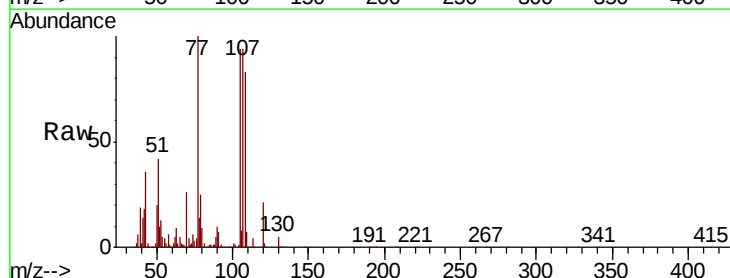
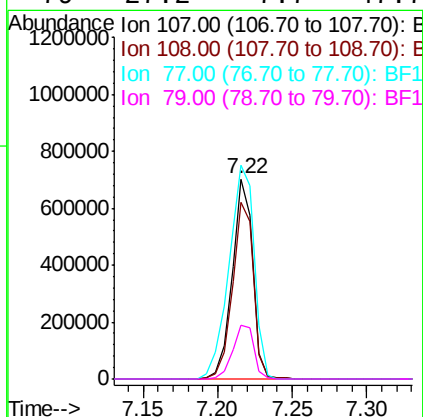
Manual Integrations
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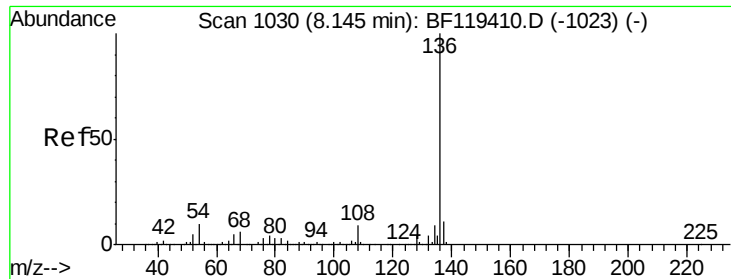
mohammad
4/6/2020 1:39:11 PM



#20
3+4-Methylphenols
Concen: 47.156 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	67.9	107.9		
77	106.9	52.9	92.9		
79	27.2	7.7	47.7		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

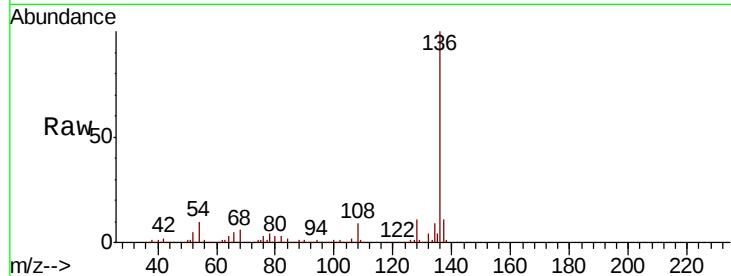
ClientSampleId :

TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		730632		
137	11.2	8.7	13.1		
54	9.7	9.1	13.7		
68	5.5	4.6	6.8		

Manual Integrations
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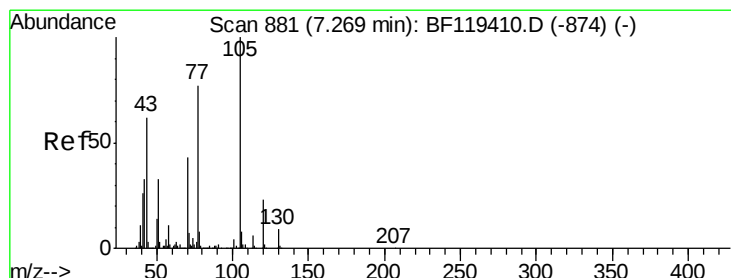
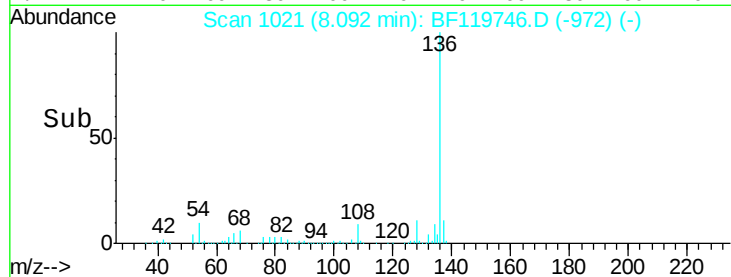
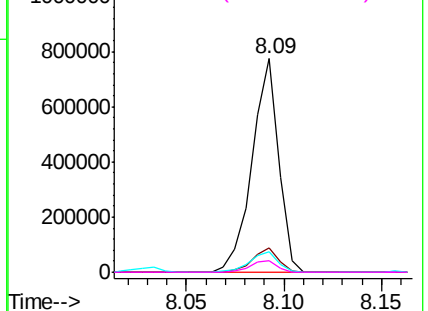
Abundance

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: 51.895 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		905998		
71	4.5	5.7	8.5#		
51	44.8	26.2	39.4#		
120	21.8	18.3	27.5		

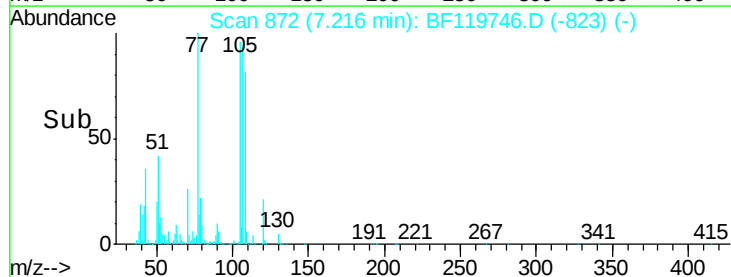
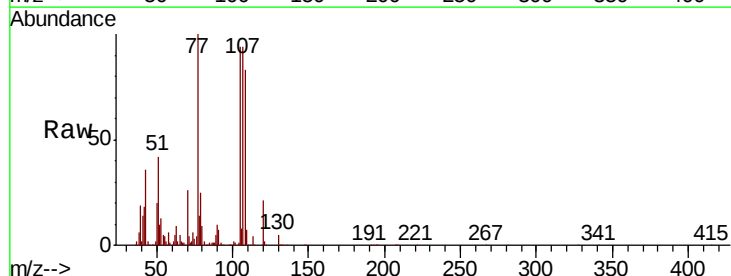
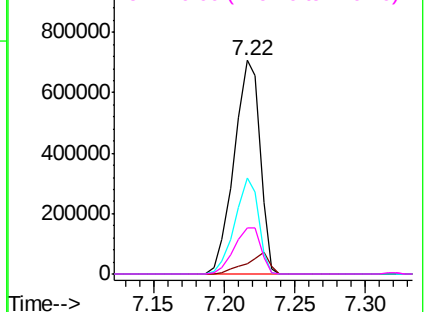
Abundance

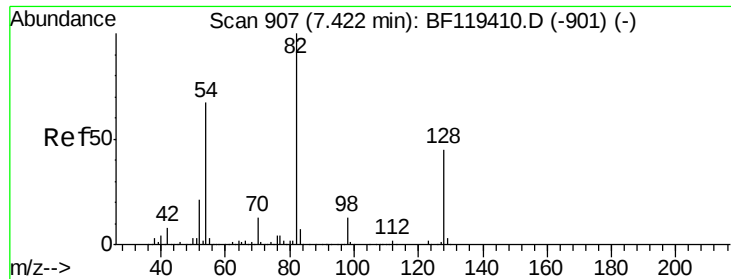
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





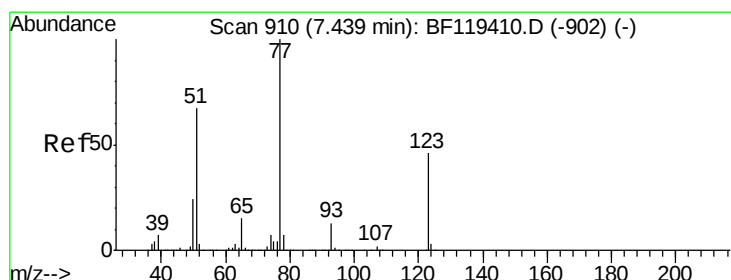
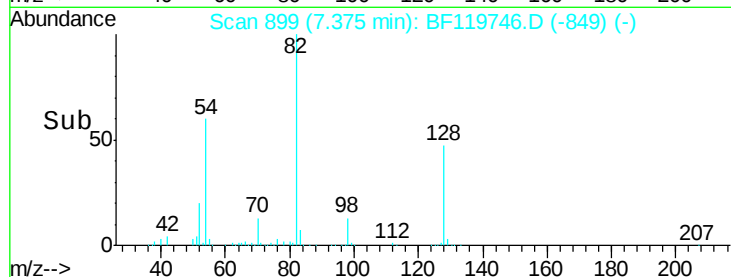
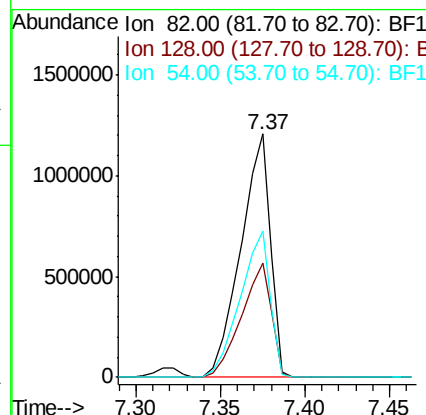
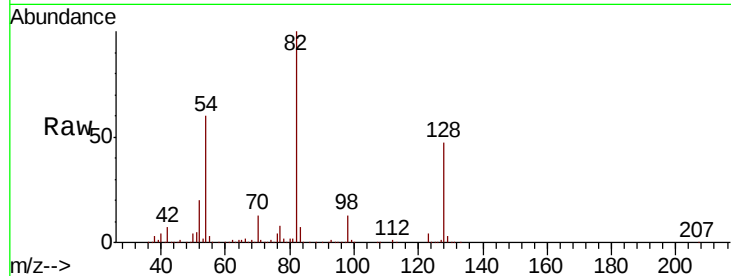
#23
 Nitrobenzene-d5
 Concen: 110.003 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion: 82 Resp: 1478832
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 60.3 50.6 75.8

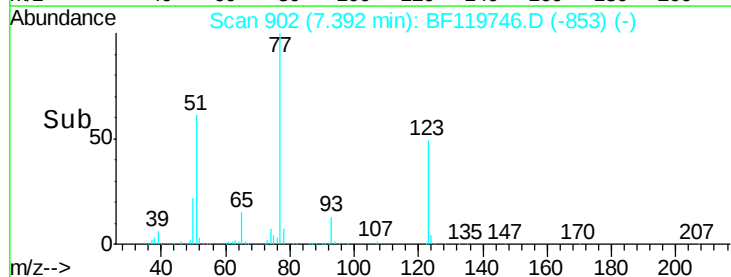
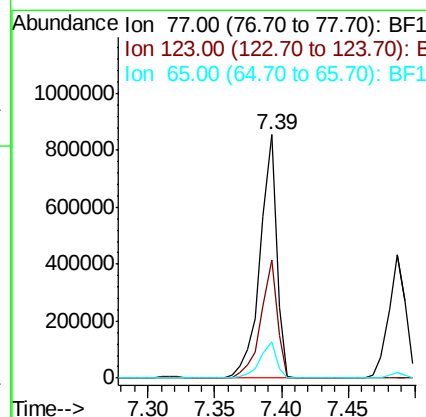
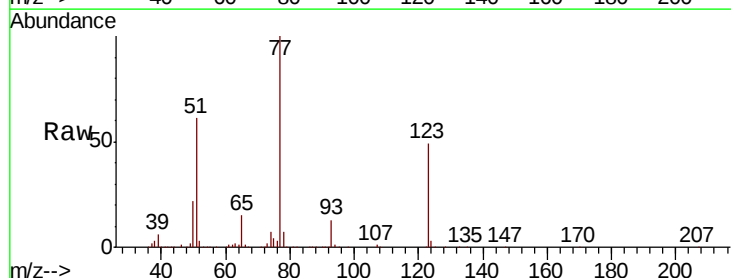
Manual Integrations
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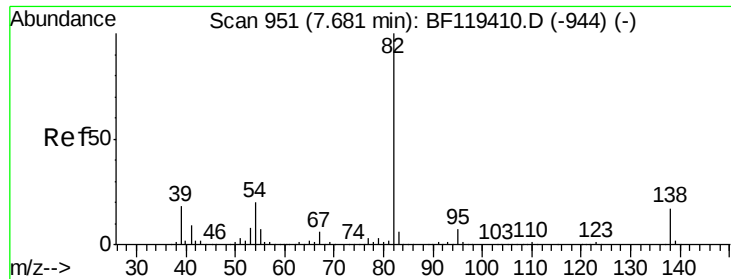
mohammad
 4/6/2020 1:39:11 PM



#24
 Nitrobenzene
 Concen: 50.305 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion: 77 Resp: 722740
 Ion Ratio Lower Upper
 77 100
 123 48.6 38.0 57.0
 65 15.1 12.6 18.8





#25

Isophorone

Concen: 48.427 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion: 82 Resp: 1320651

Ion Ratio Lower Upper

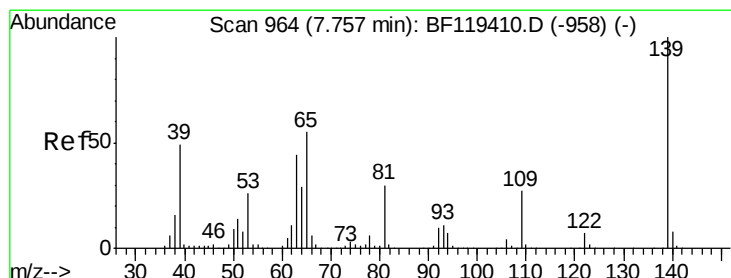
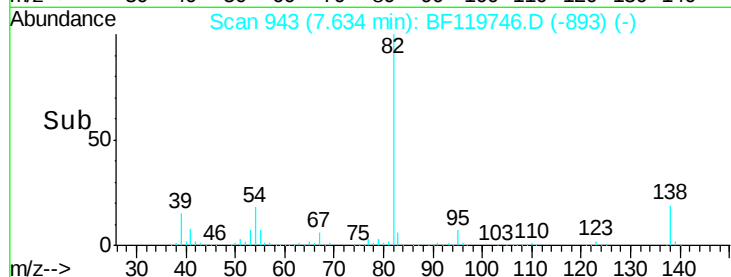
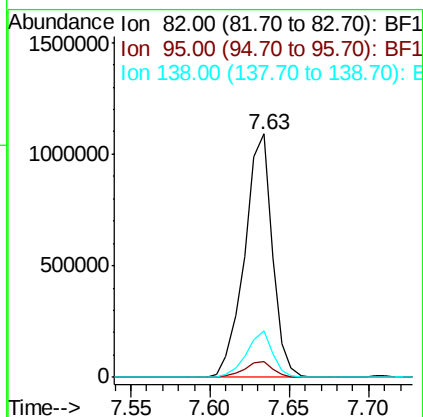
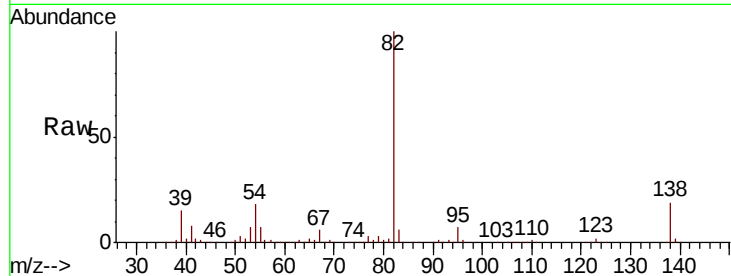
82 100

95 6.7 5.8 8.6

138 18.9 14.6 21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 66.063 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

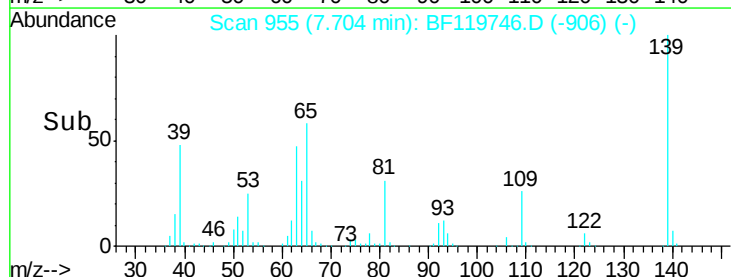
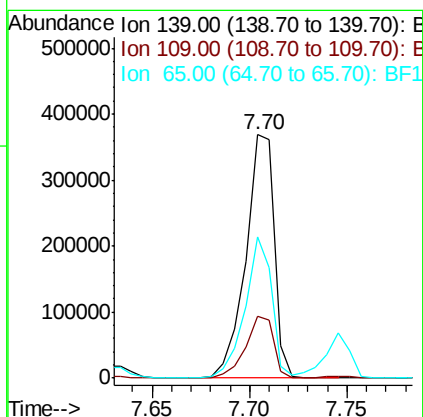
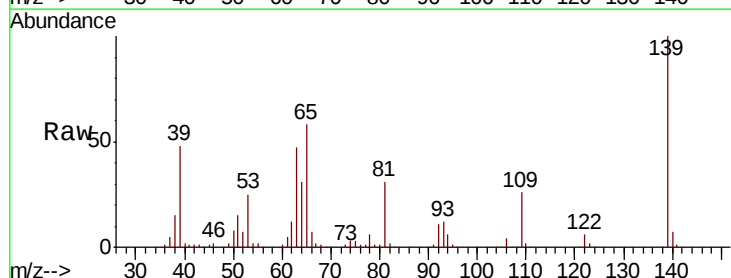
Tgt Ion: 139 Resp: 373710

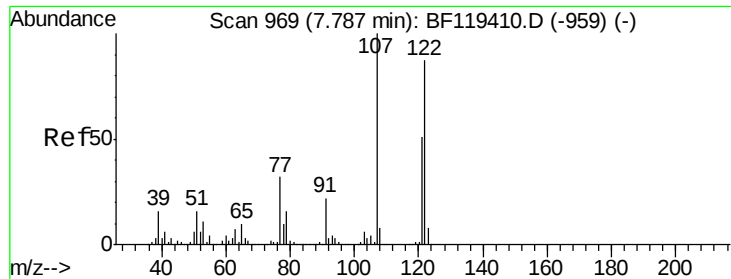
Ion Ratio Lower Upper

139 100

109 25.5 22.1 33.1

65 57.9 49.2 73.8





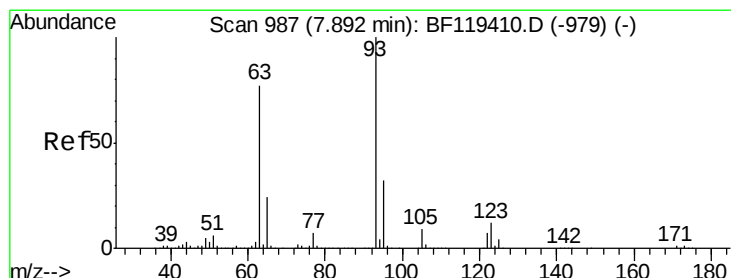
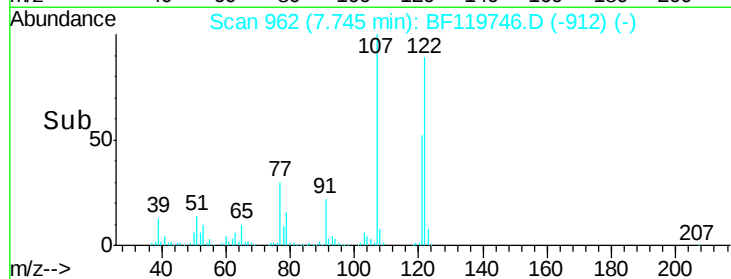
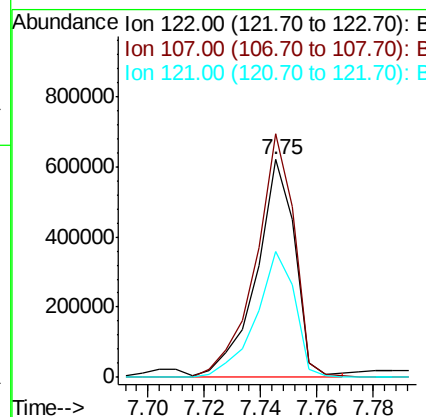
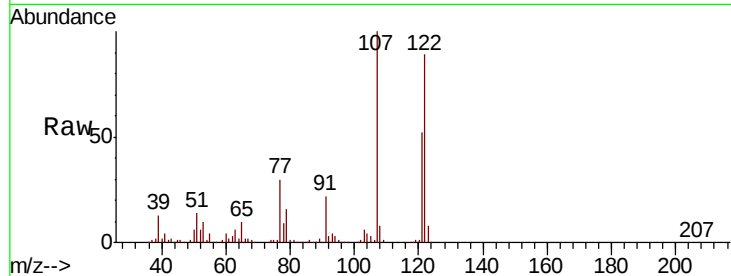
#27
 2,4-Dimethylphenol
 Concen: 50.423 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	589792		
107	111.9	89.0	133.6	
121	57.9	46.7	70.1	

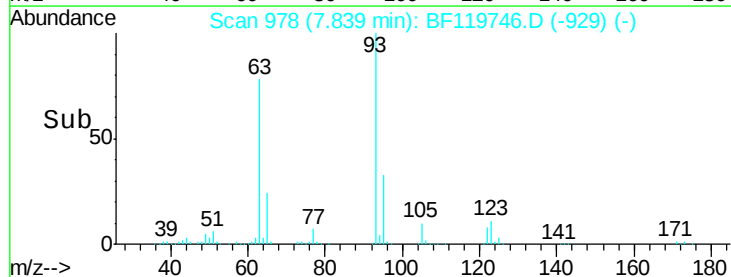
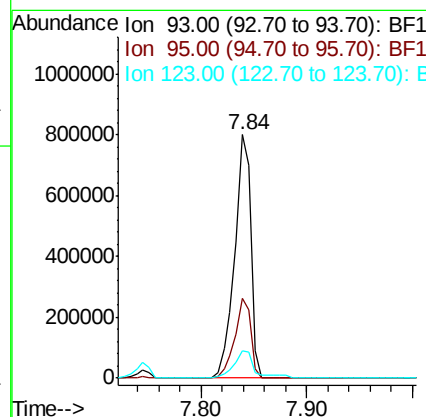
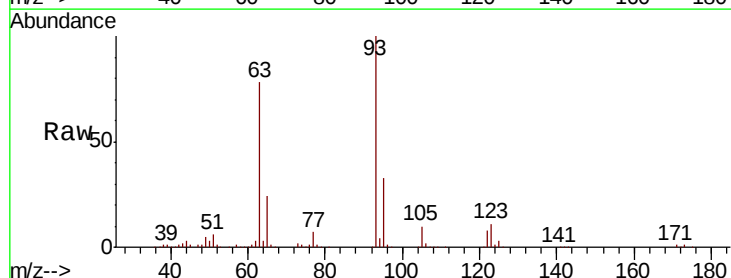
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.190 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	841625		
95	32.6	26.3	39.5	
123	11.3	9.7	14.5	





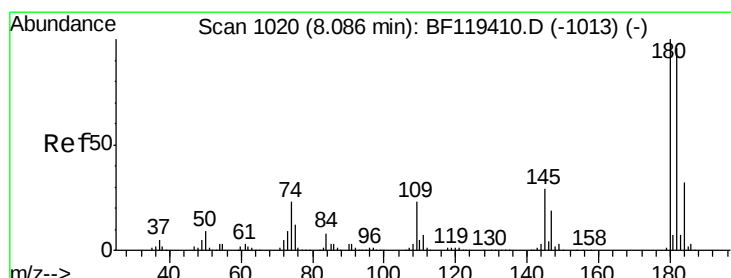
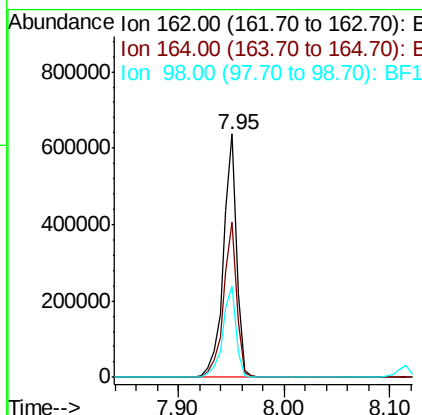
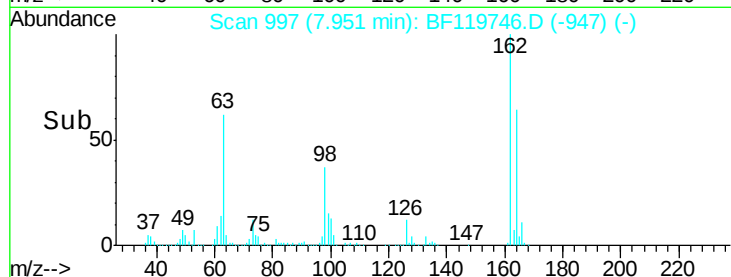
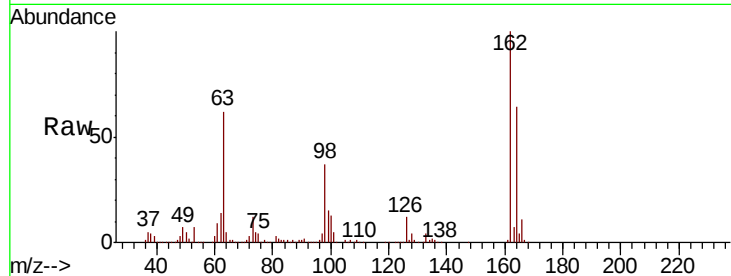
#29
2,4-Dichlorophenol
Concen: 52.246 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		561523		
164	63.9	44.7	84.7		
98	37.4	20.7	60.7		

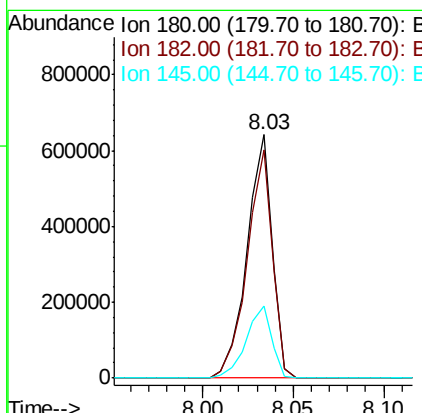
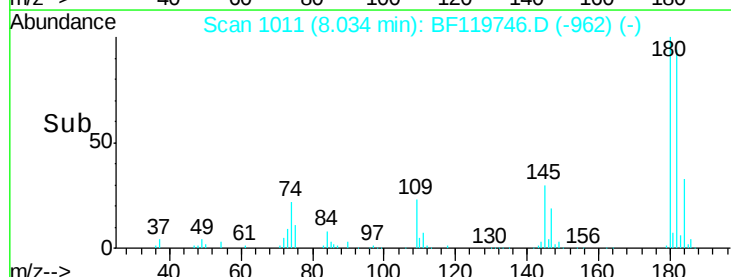
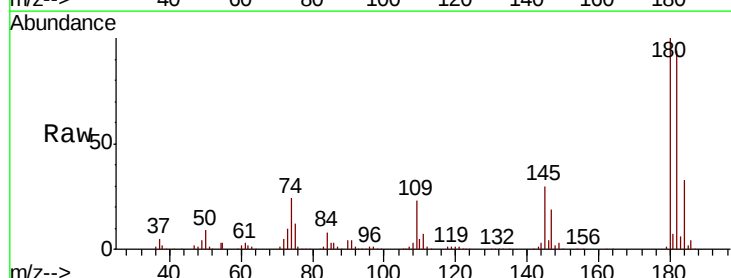
Manual Integrations
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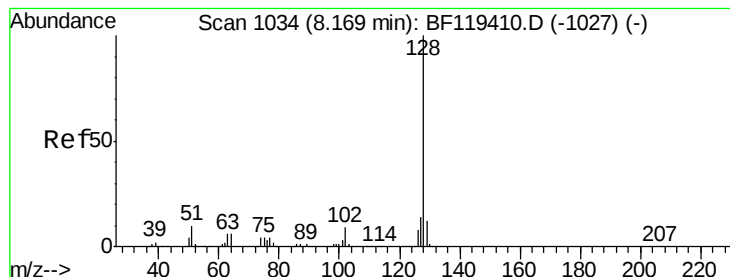
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 52.094 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		619188		
182	93.6	74.7	112.1		
145	29.6	24.5	36.7		





#31

Naphthalene

Concen: 51.967 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampled :

TP-2MSD

Tot Ion:128 Resp: 1953922

Ion Ratio Lower Upper

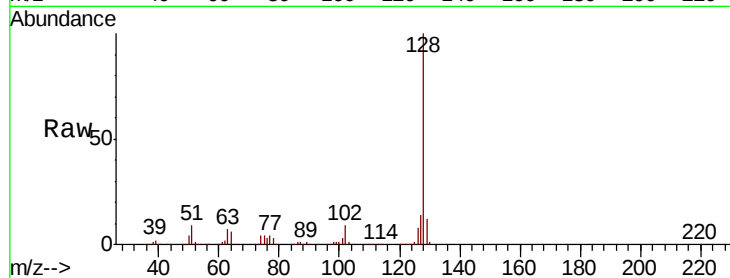
128 100

129 11.5 9.5 14.3

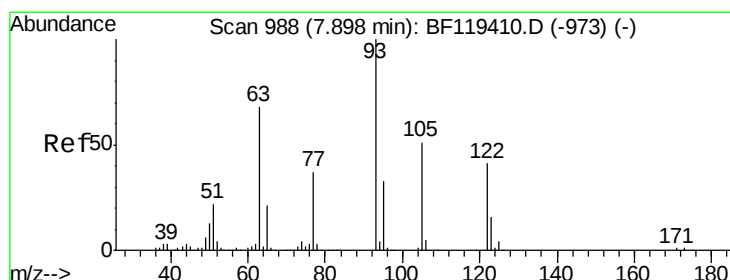
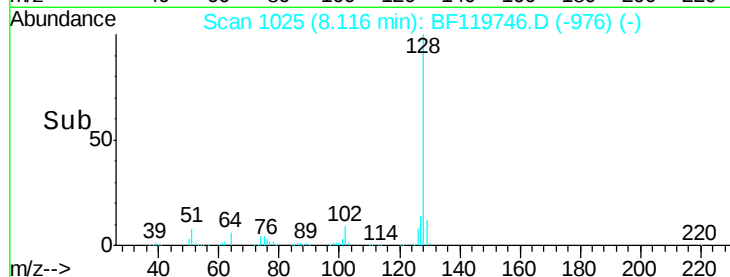
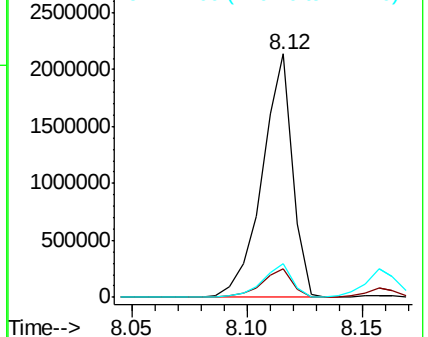
127 13.7 11.3 16.9

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



#32

Benzoic acid

Concen: 59.568 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

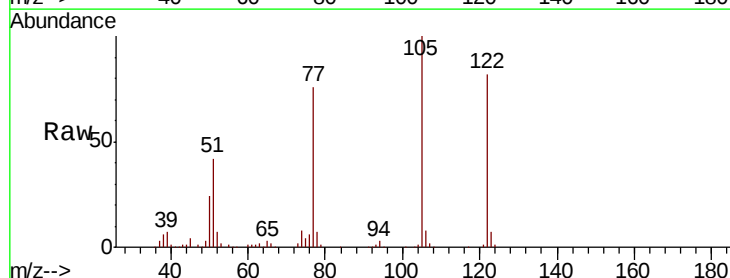
Tgt Ion:122 Resp: 448196

Ion Ratio Lower Upper

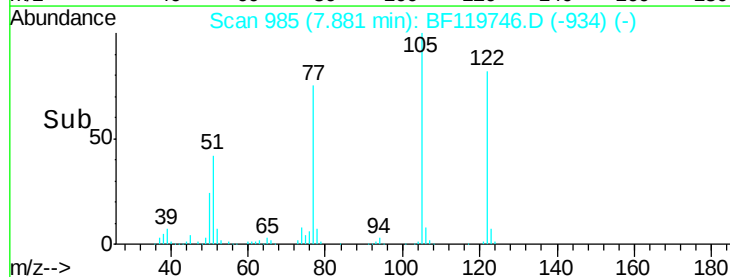
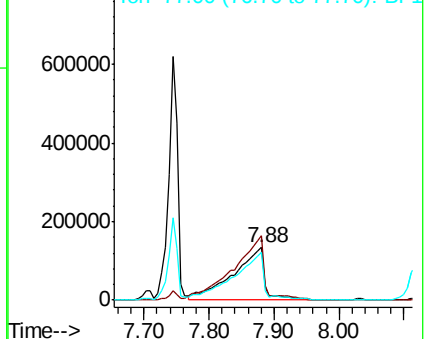
122 100

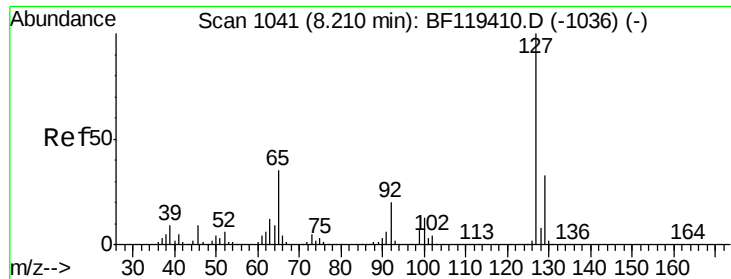
105 121.2 104.9 144.9

77 91.8 74.4 114.4



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





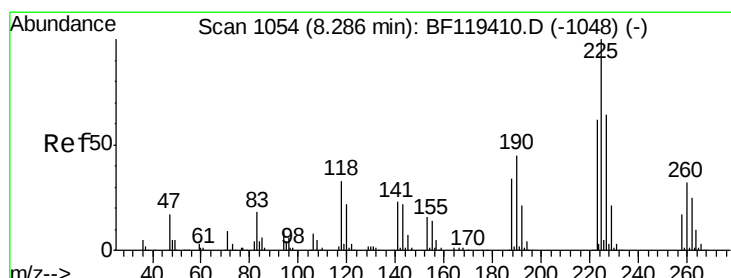
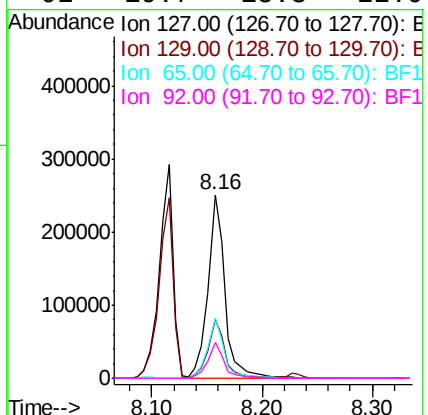
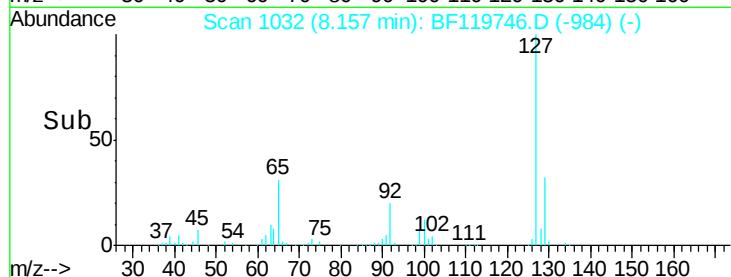
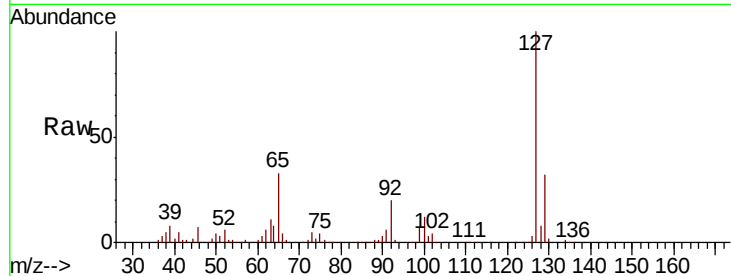
#33
4-Chloroaniline
Concen: 15.110 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		260316		
129	32.2	26.2	39.4		
65	32.8	27.4	41.0		
92	19.7	15.3	22.9		

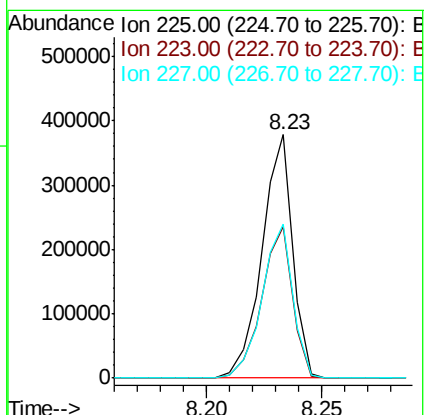
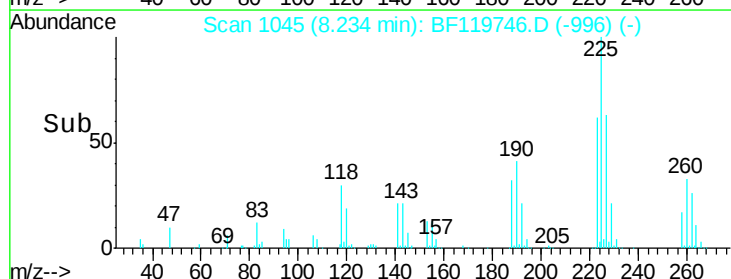
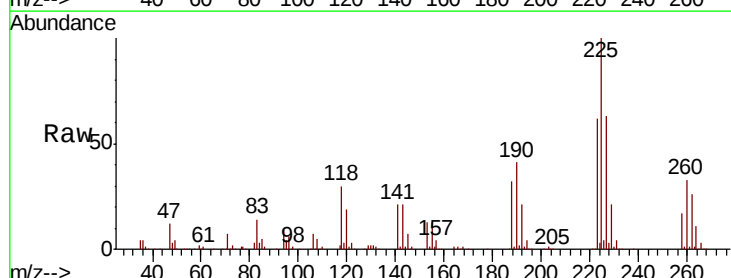
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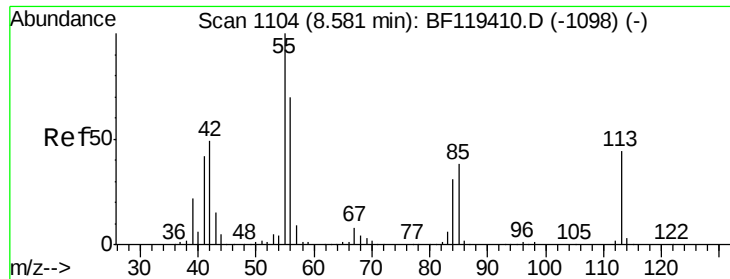
mohammad
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#34
Hexachlorobutadiene
Concen: 52.465 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		348900		
223	62.0	51.0	76.6		
227	63.3	50.7	76.1		





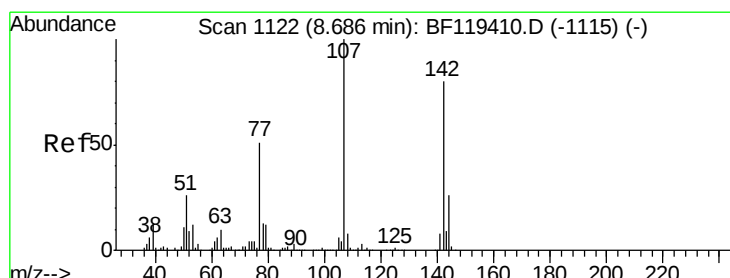
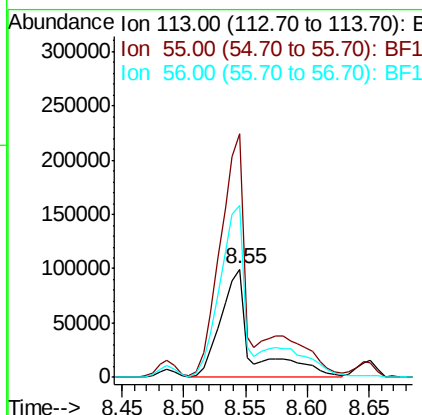
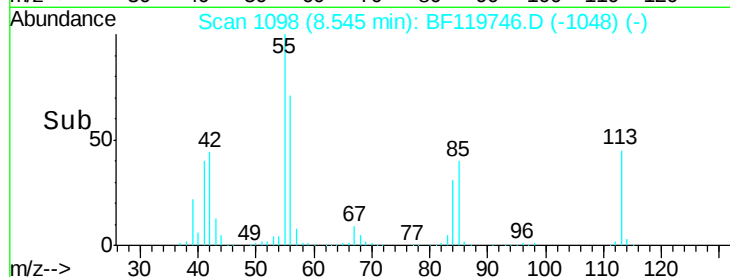
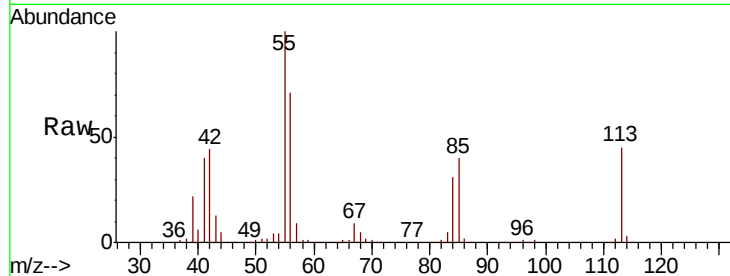
#35
 Caprolactam
 Concen: 50.222 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	224.3		218.4	258.4	
56	158.6		148.9	188.9	

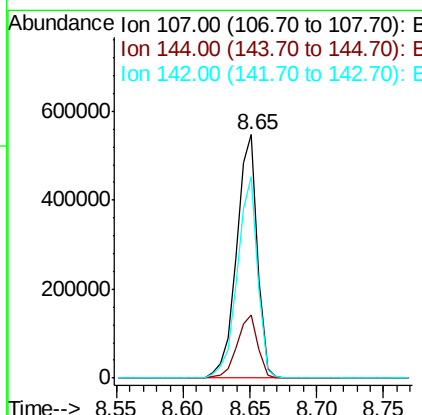
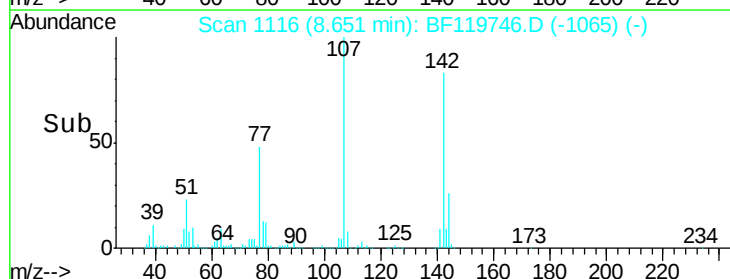
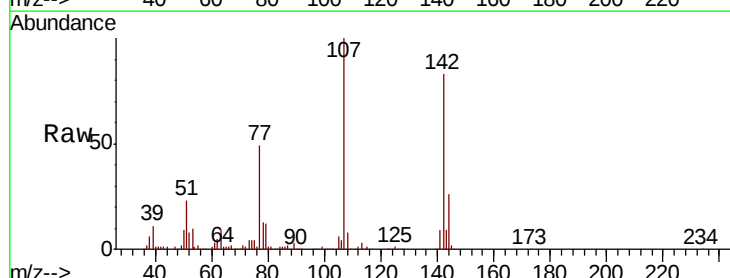
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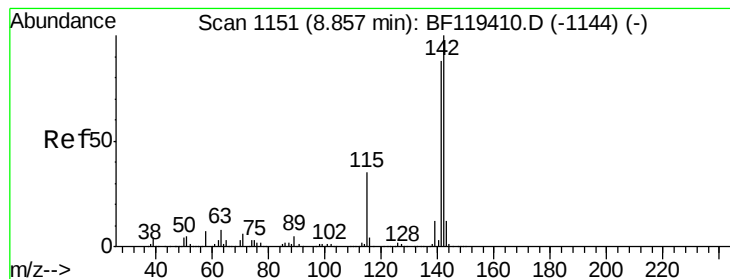
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 50.770 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1		21.0	31.6	
142	82.5		64.4	96.6	





#37

2-Methylnaphthalene

Concen: 52.918 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:142 Resp: 1305796

Ion Ratio Lower Upper

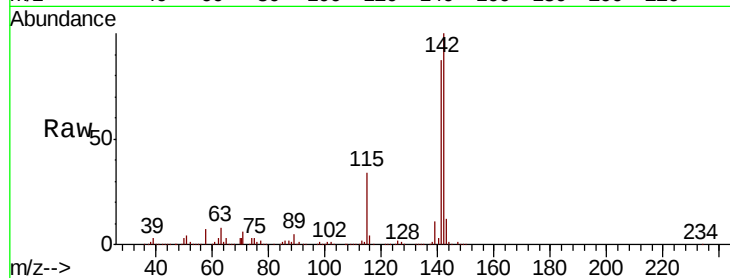
142 100

141 87.3 71.7 107.5

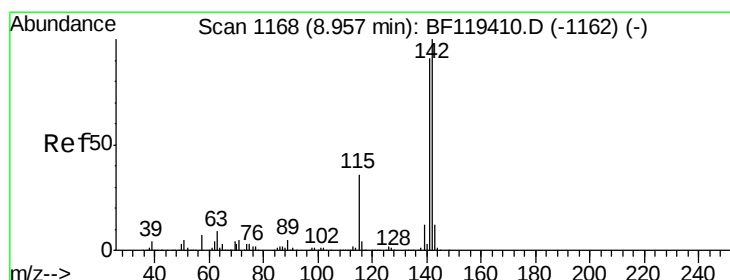
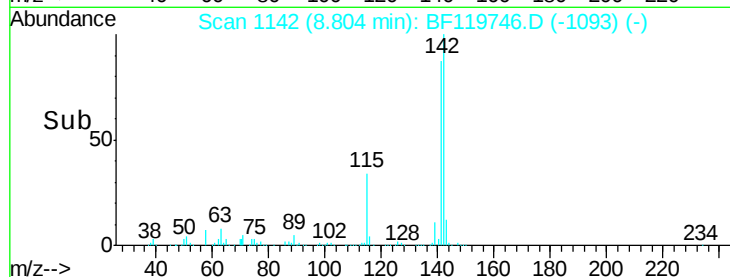
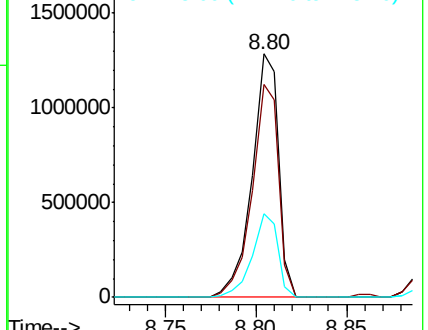
115 34.5 27.9 41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.898 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

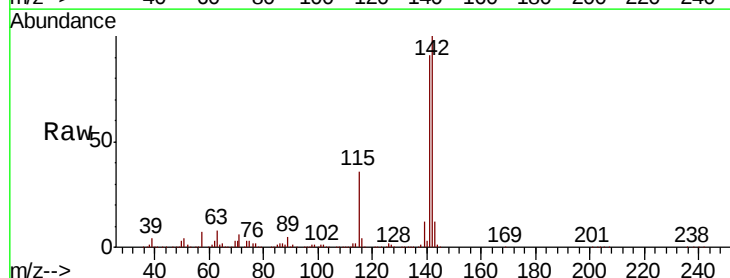
Tgt Ion:142 Resp: 1235489

Ion Ratio Lower Upper

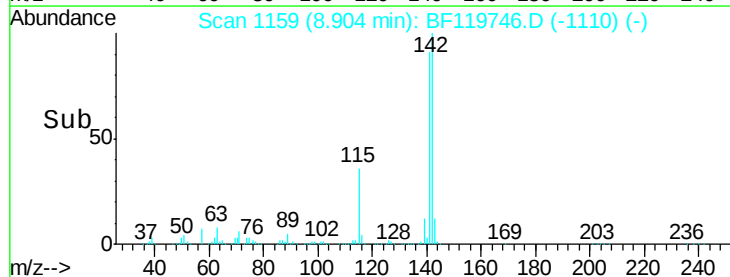
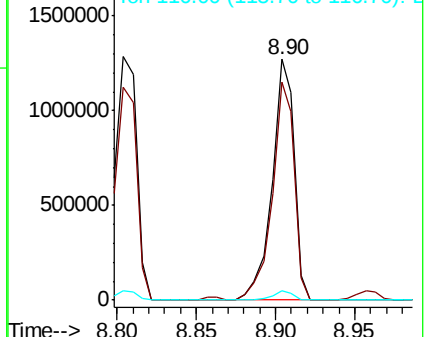
142 100

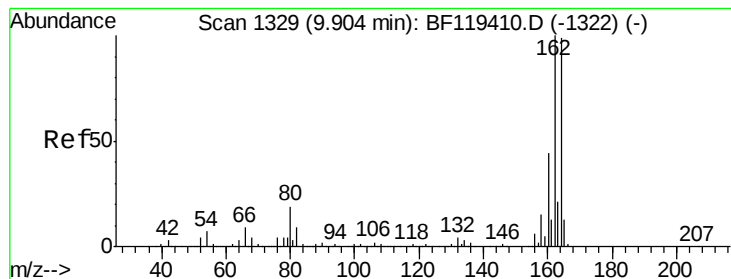
141 90.7 73.7 110.5

116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

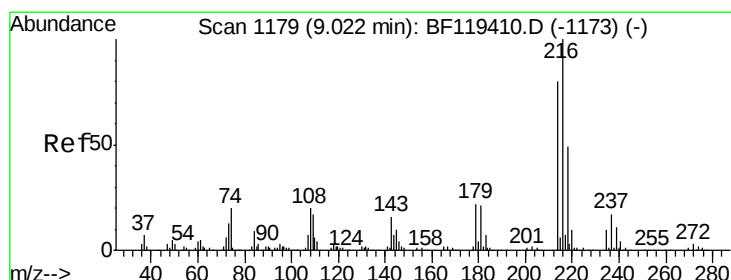
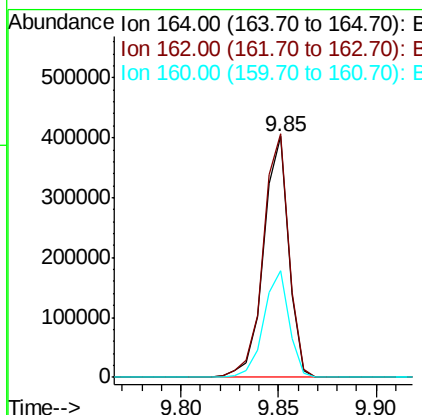
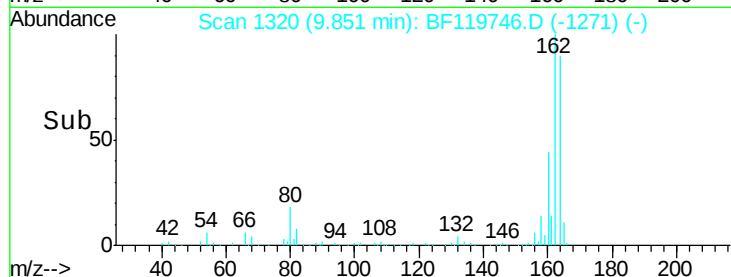
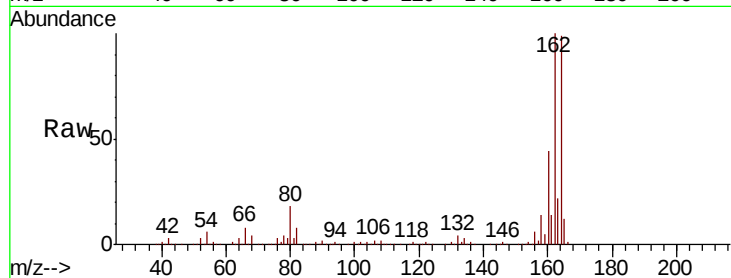
ClientSampled :

TP-2MSD

Tot Ion:	164	Resp:	356871
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.6	121.0
160	44.2	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.461 ng

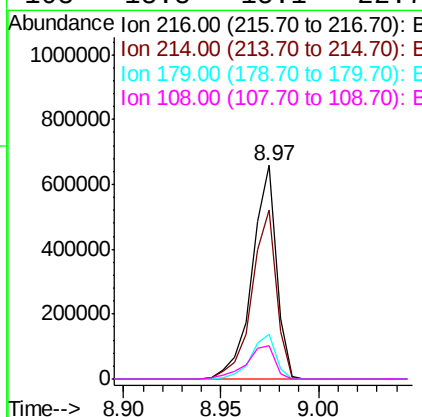
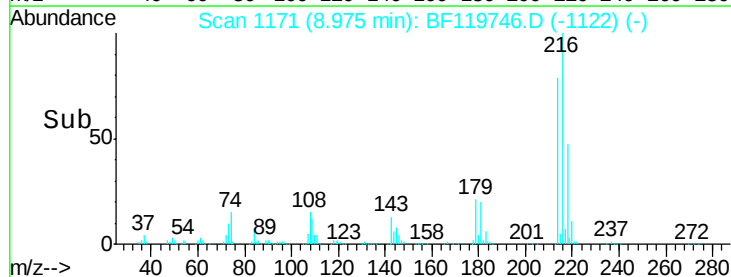
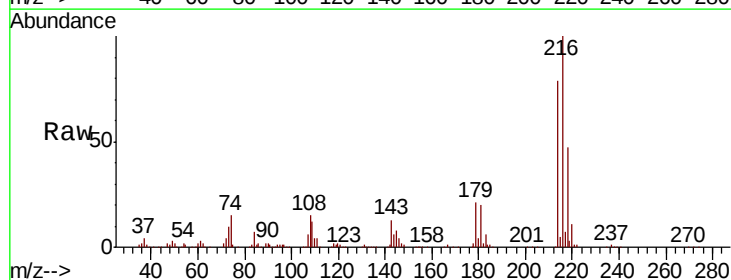
RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion:	216	Resp:	569675
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.2	94.8
179	21.2	17.1	25.7
108	18.8	15.1	22.7





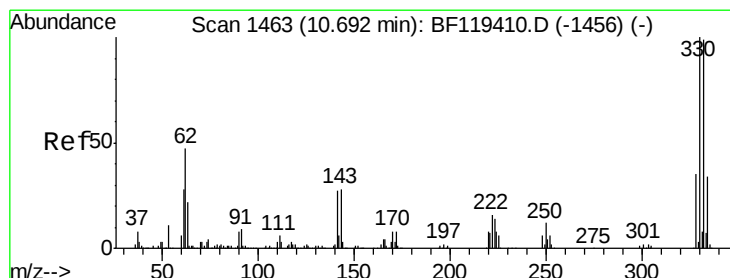
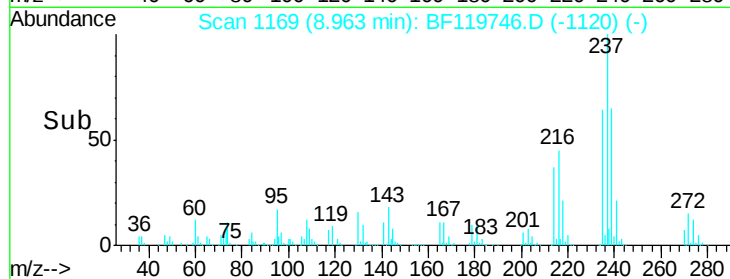
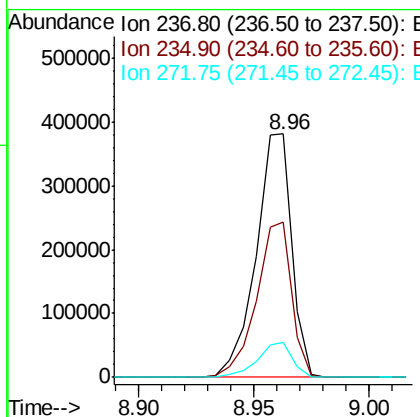
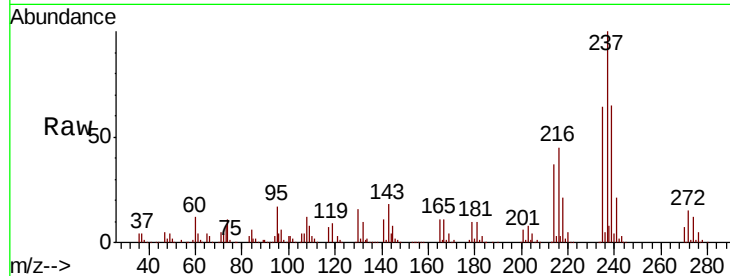
#41
Hexachlorocyclopentadiene
Concen: 69.277 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	411973		
235	63.9		43.2	83.2
272	14.6		0.0	34.1

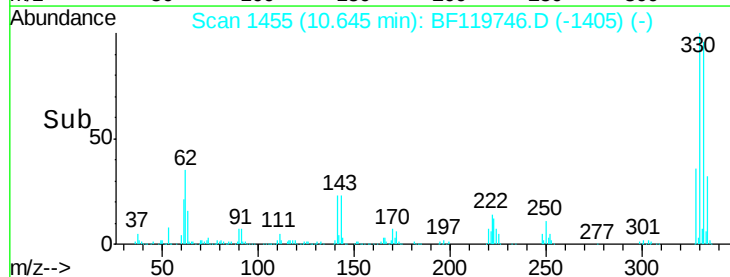
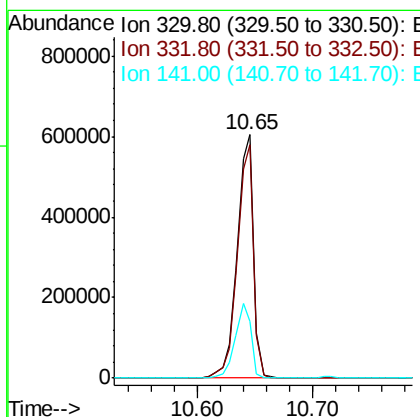
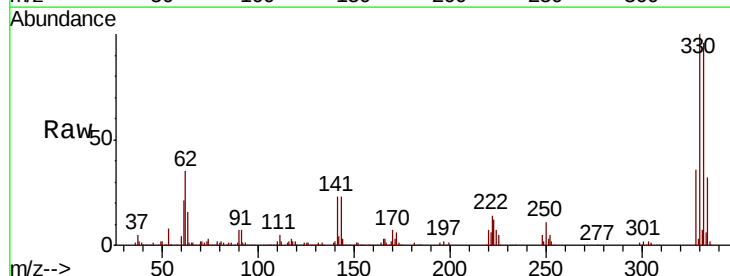
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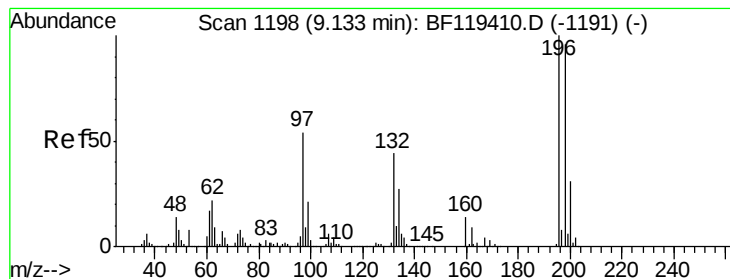
mohammad
4/6/2020 1:39:11 PM



#42
2,4,6-Tribromophenol
Concen: 160.842 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	592175		
332	95.3		75.7	113.5
141	30.1		25.4	38.0





#43

2,4,6-Trichlorophenol

Concen: 54.282 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

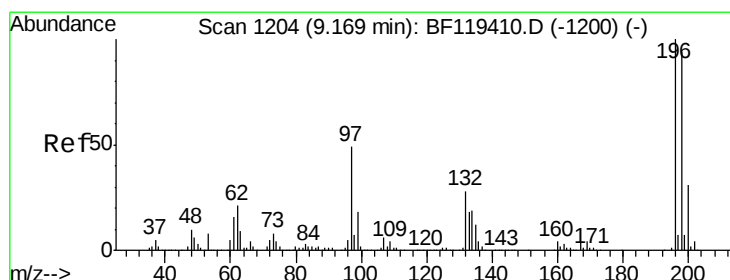
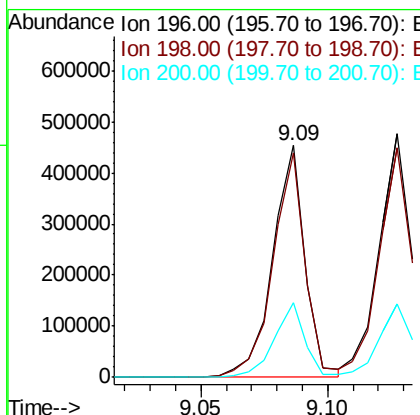
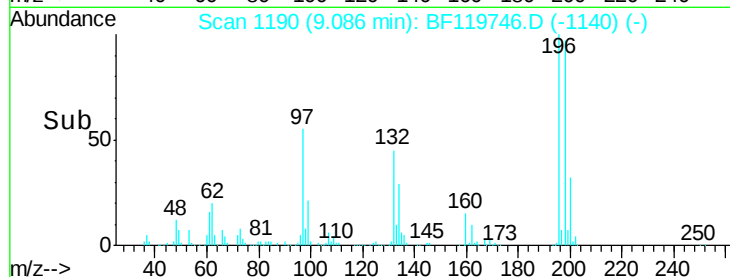
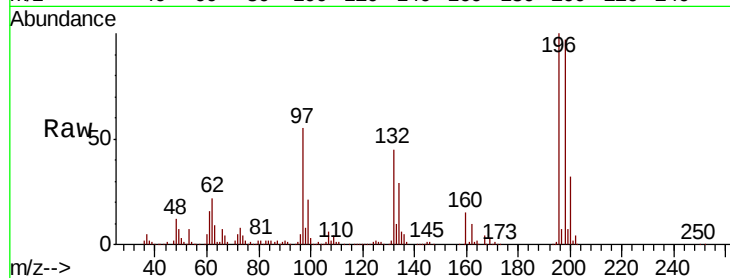
ClientSampled :

TP-2MSD

Tot Ion:	196	Resp:	406327
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.6	115.0
200	31.9	24.6	36.8

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#44

2,4,5-Trichlorophenol

Concen: 49.929 ng

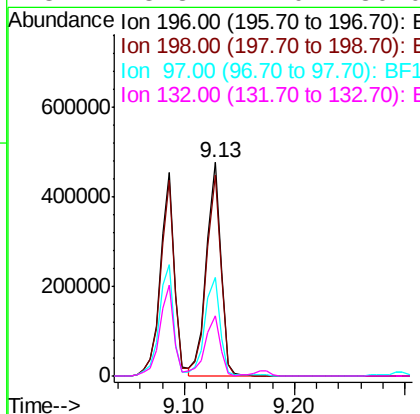
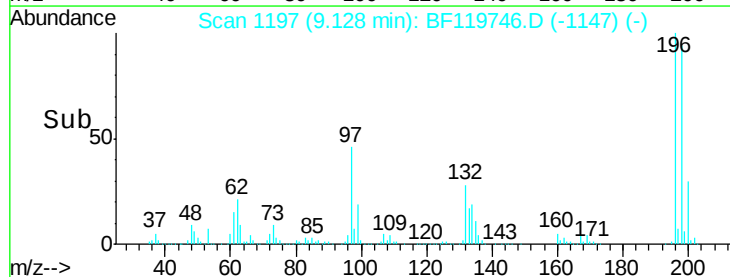
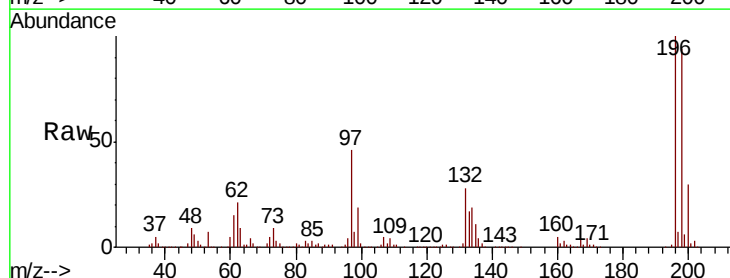
RT: 9.13 min Scan# 1197

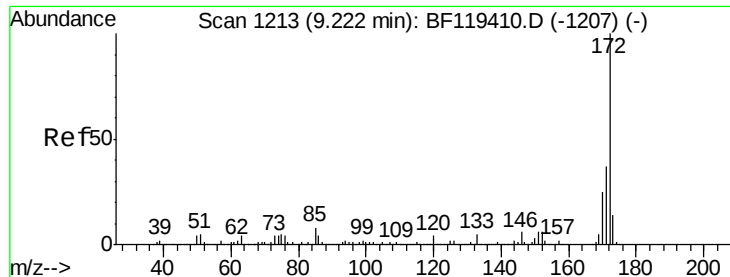
Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion:	196	Resp:	418682
Ion Ratio	Lower	Upper	
196	100		
198	94.0	73.8	110.8
97	46.3	42.6	63.8
132	28.3	24.0	36.0





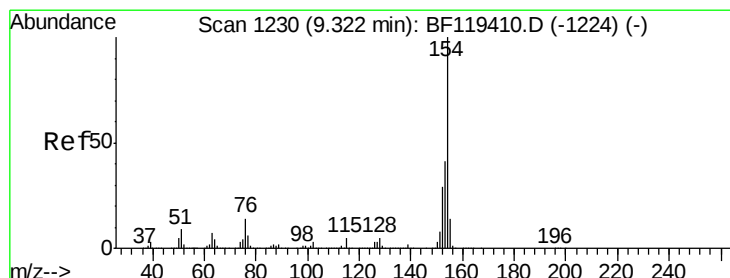
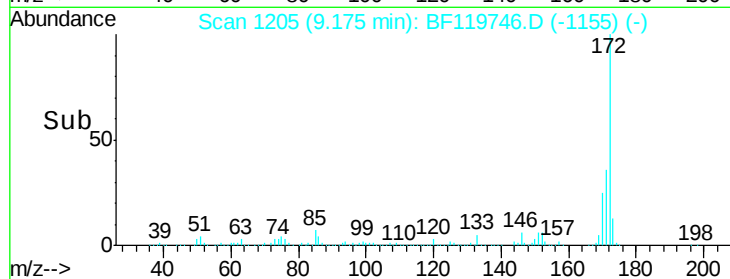
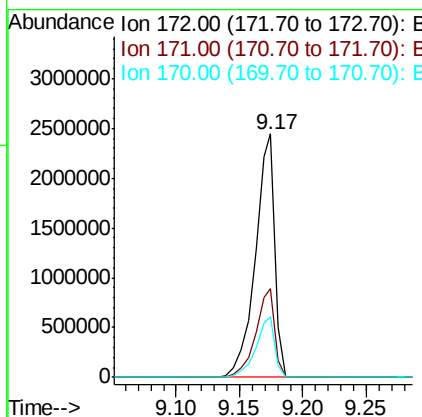
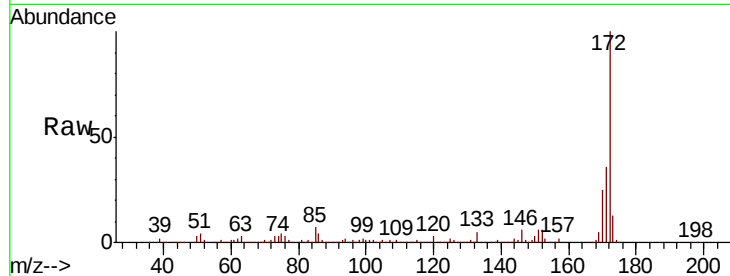
#45
2-Fluorobiphenyl
Concen: 108.561 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion:172 Resp: 2615119
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 25.0 20.2 30.2

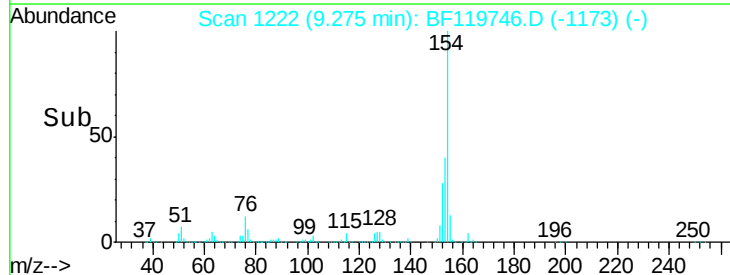
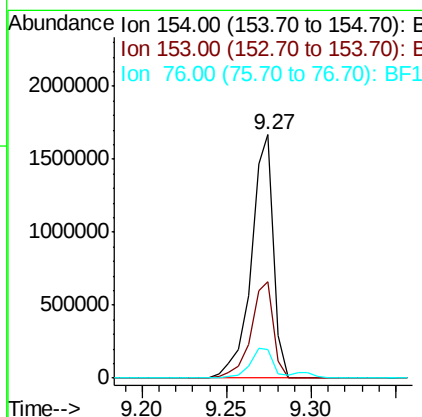
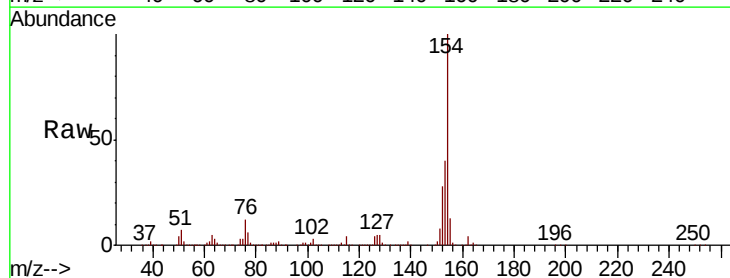
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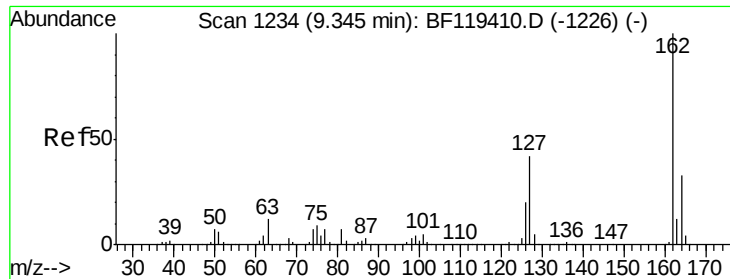
mohammad
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#46
1,1'-Biphenyl
Concen: 52.572 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion:154 Resp: 1528024
Ion Ratio Lower Upper
154 100
153 39.6 21.4 61.4
76 11.6 0.0 33.0





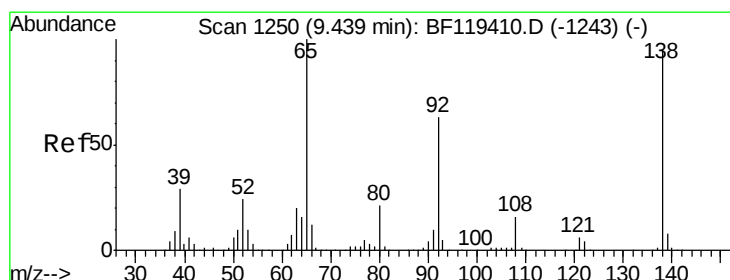
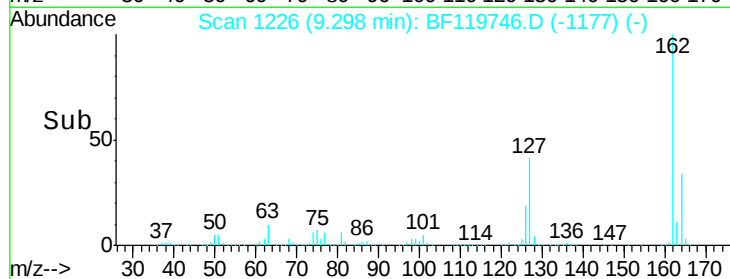
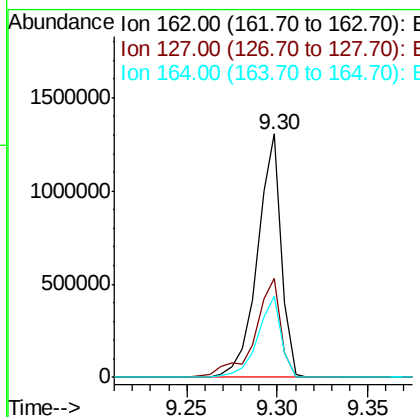
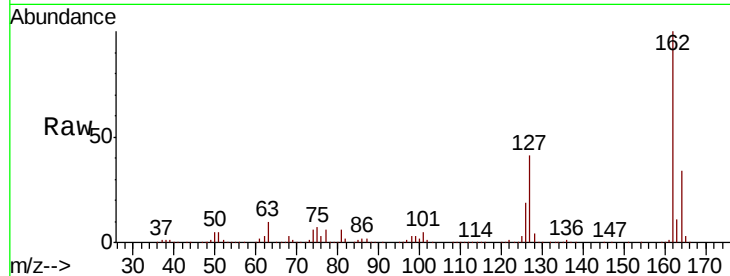
#47
 2-Chloronaphthalene
 Concen: 52.087 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.6	26.3	39.5

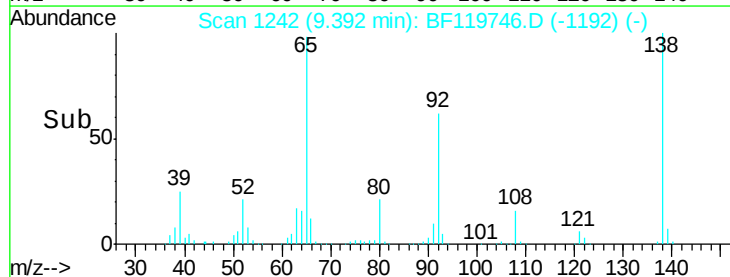
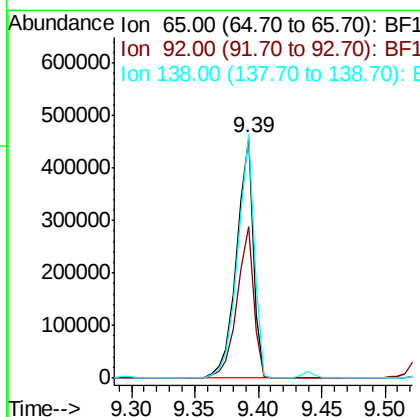
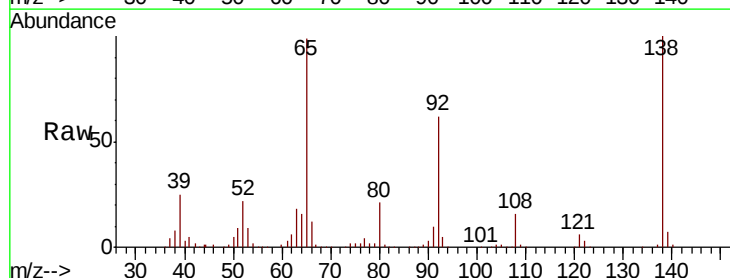
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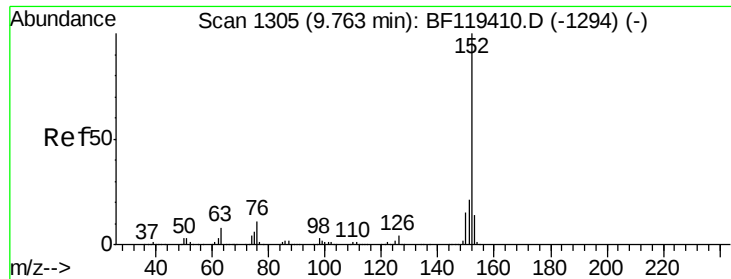
mohammad
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#48
 2-Nitroaniline
 Concen: 52.606 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	50.0	75.0
138	101.4	75.0	112.4





#49

Acenaphthylene

Concen: 51.349 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:152 Resp: 1835863

Ion Ratio Lower Upper

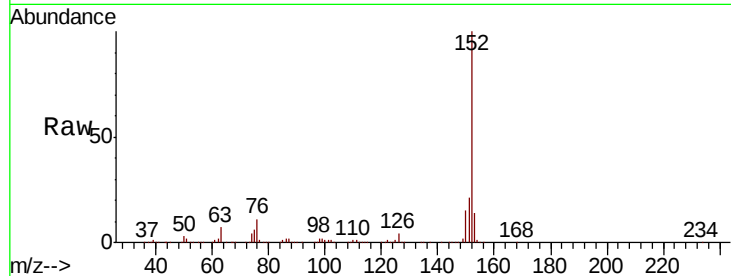
152 100

151 20.9 17.2 25.8

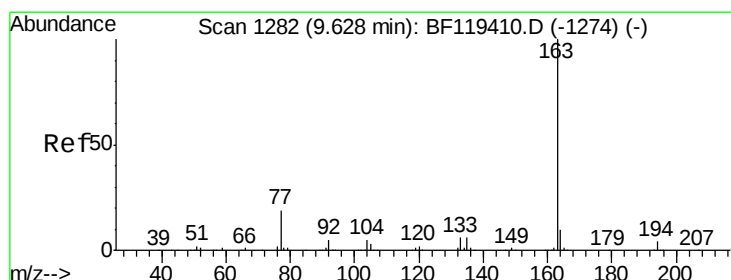
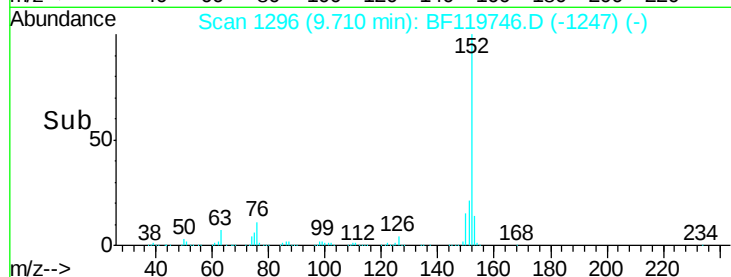
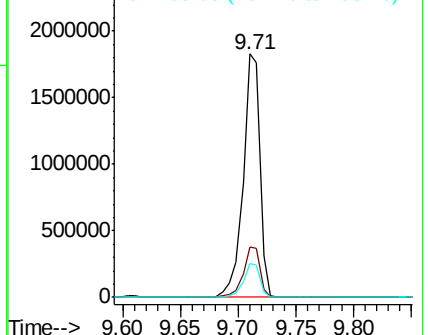
153 14.1 11.2 16.8

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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: 64.763 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

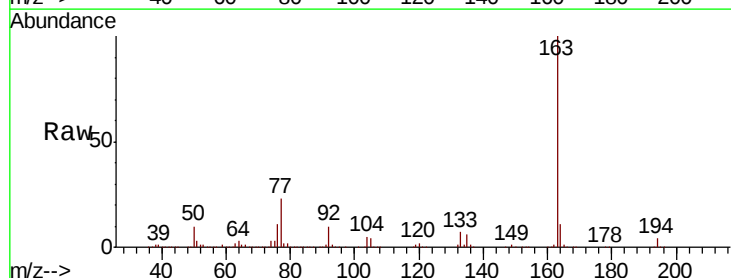
Tgt Ion:163 Resp: 1641657

Ion Ratio Lower Upper

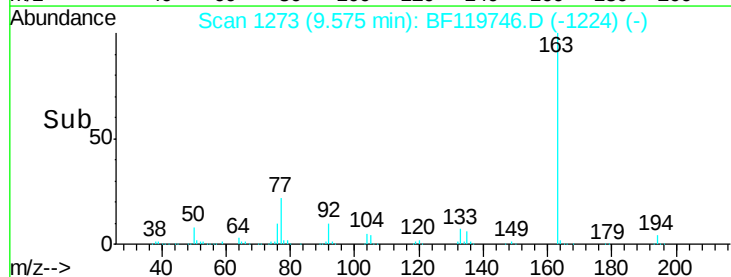
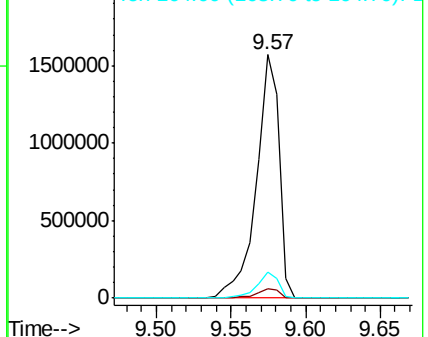
163 100

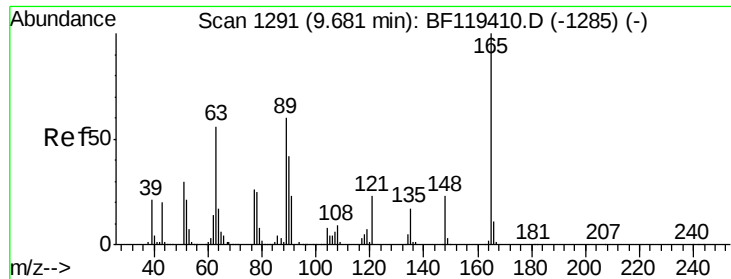
194 3.8 3.1 4.7

164 10.5 8.2 12.2



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





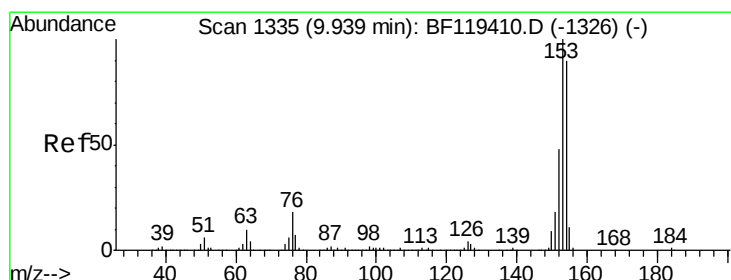
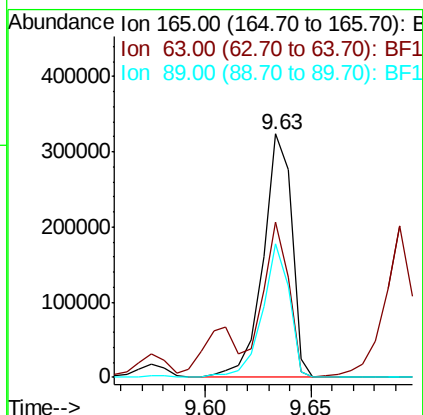
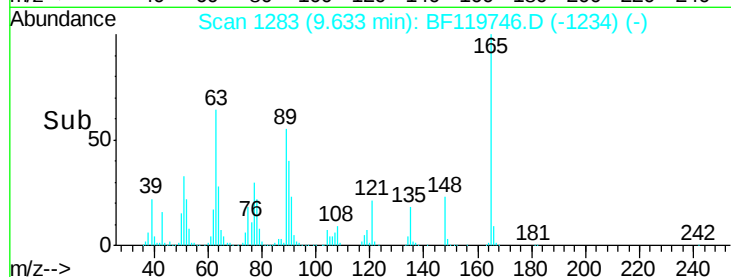
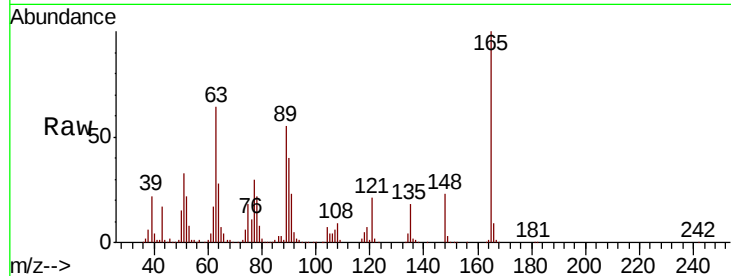
#51
2,6-Dinitrotoluene
Concen: 56.294 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		305865		
63	63.6	45.0		67.4	
89	54.6	41.5		62.3	

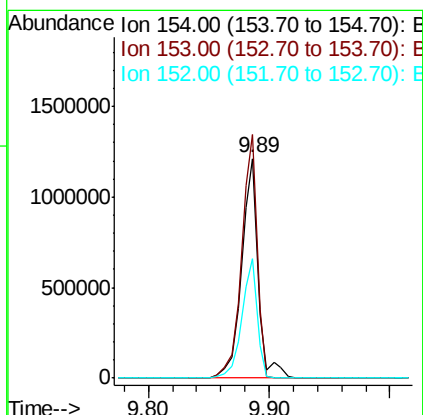
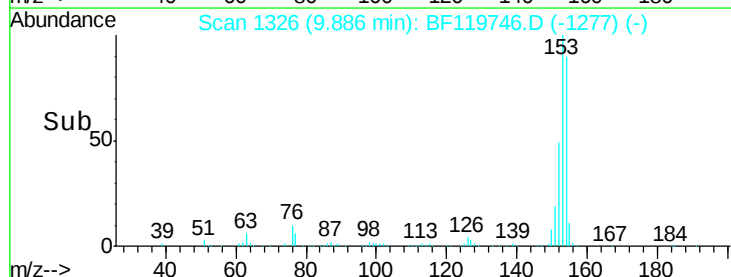
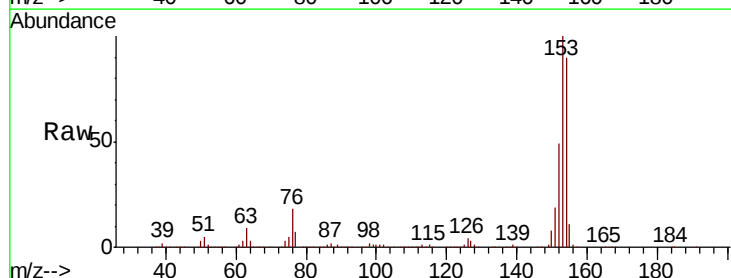
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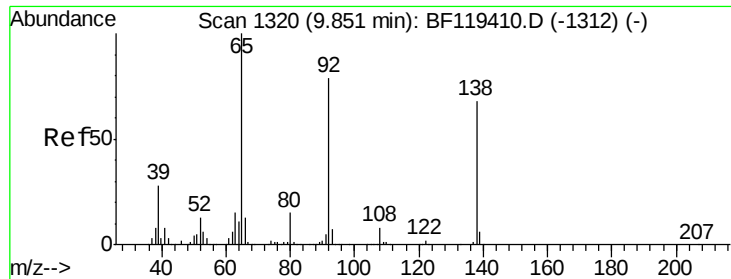
mohammad
4/6/2020 1:39:11 PM



#52
Acenaphthene
Concen: 51.955 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1158016		
153	111.0	88.1		132.1	
152	54.7	43.0		64.4	





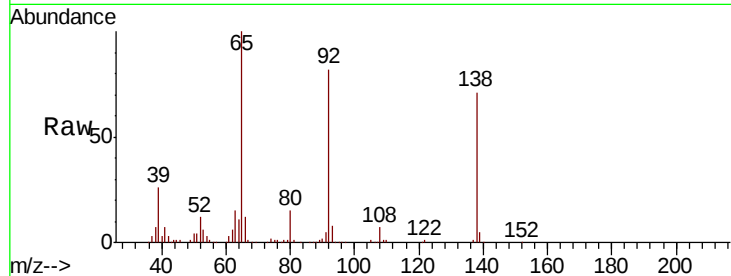
#53
3-Nitroaniline
Concen: 26.687 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	183061		
108	9.6	8.6	13.0	
92	114.6	95.4	143.0	

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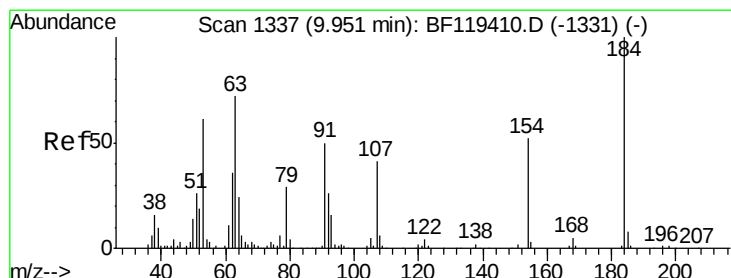
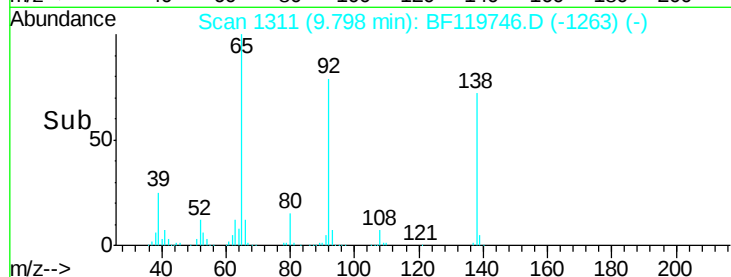
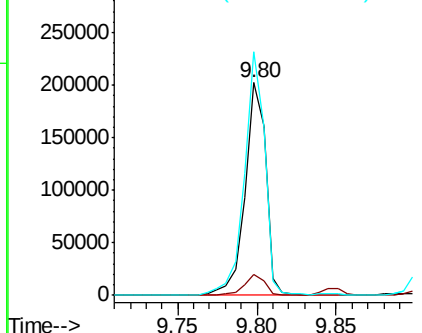


Abundance

Ion 138.00 (137.70 to 138.70): E

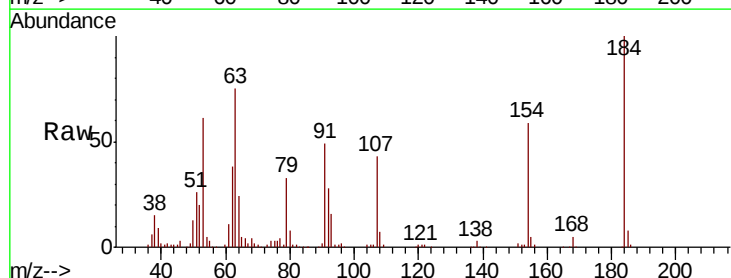
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 57.408 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129656		
63	74.6	50.2	75.4	
154	59.2	44.5	66.7	

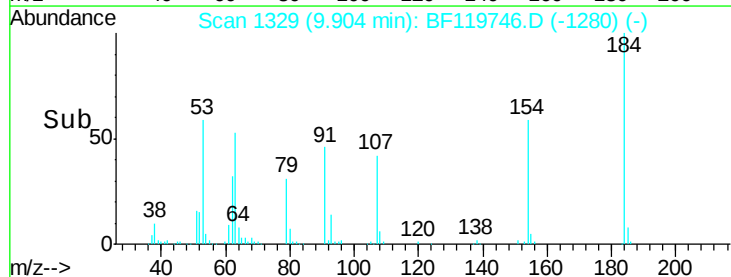
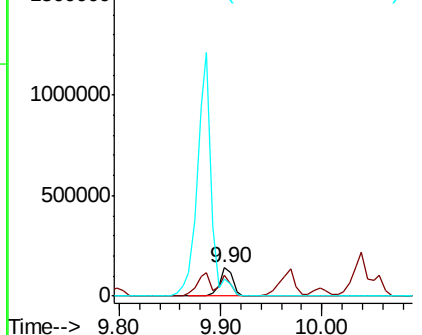


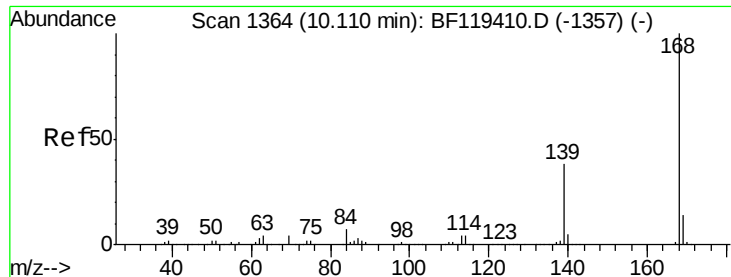
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





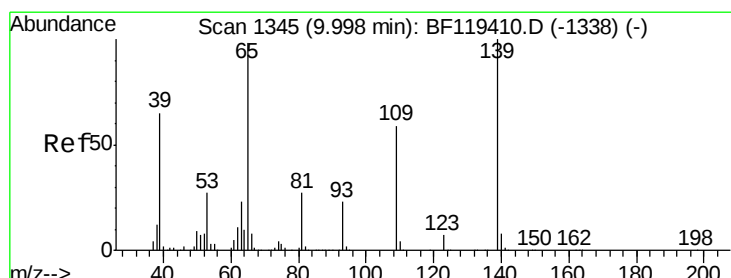
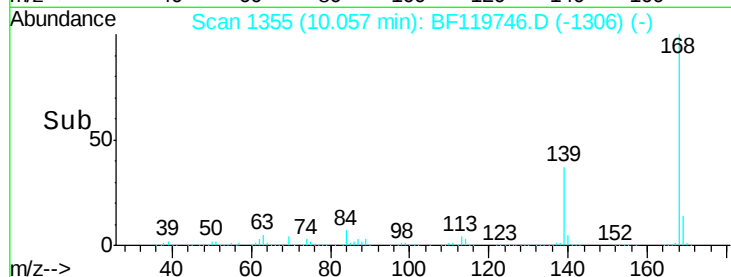
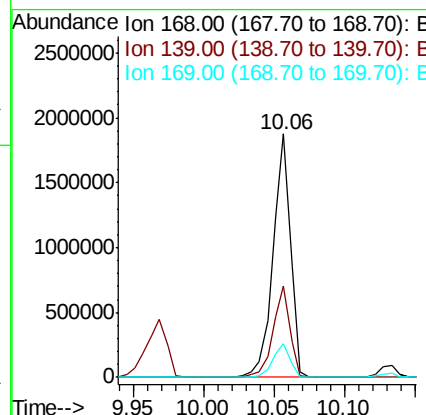
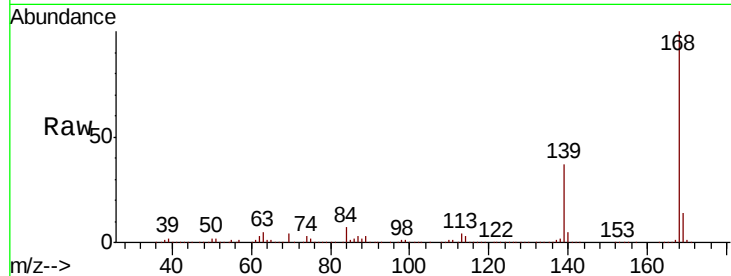
#55
Dibenzofuran
Concen: 51.120 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.8	11.0	16.6

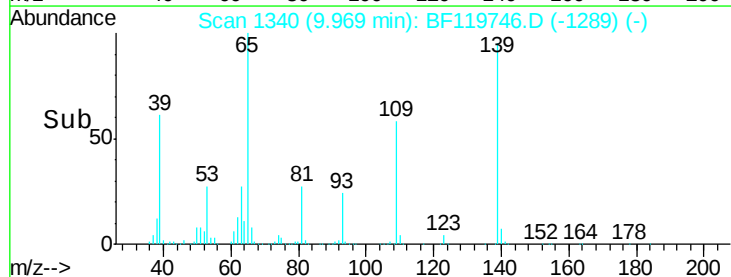
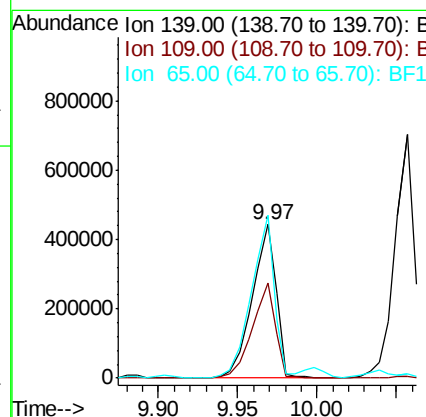
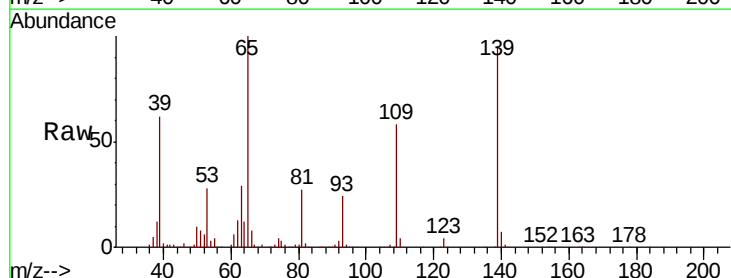
Manual Integrations
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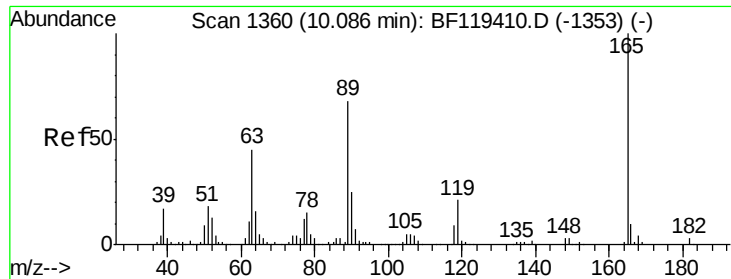
mohammad
4/6/2020 1:39:11 PM



#56
4-Nitrophenol
Concen: 86.081 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.5	43.3	83.3
65	105.8	91.0	131.0





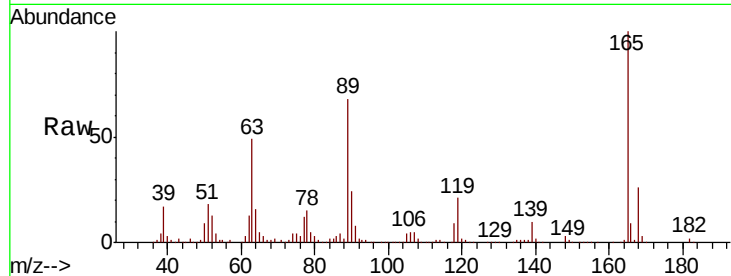
#57
2,4-Dinitrotoluene
Concen: 57.504 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	393591		
63	48.5	42.6	64.0	
89	68.3	61.0	91.4	
182	2.4	2.2	3.2	

Manual Integrations
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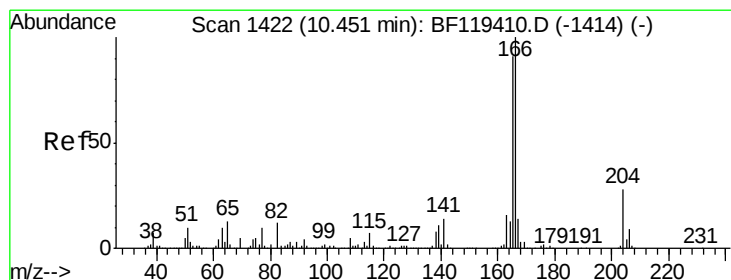
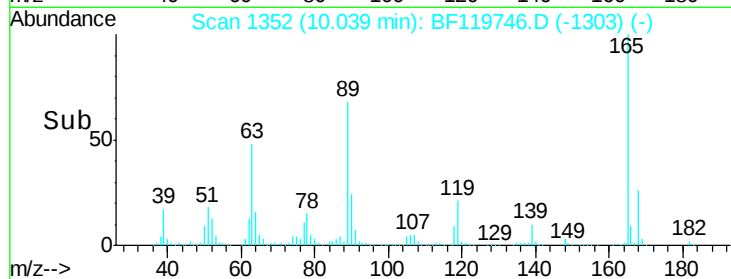
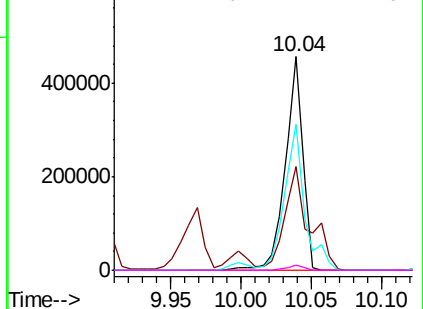


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



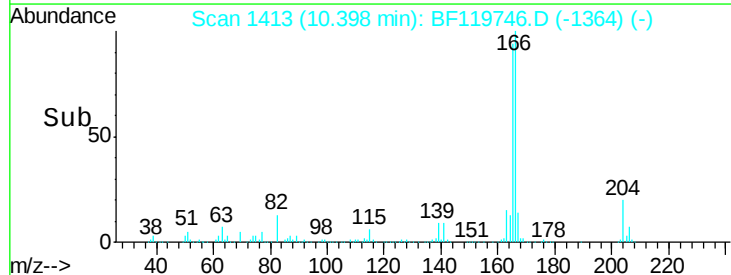
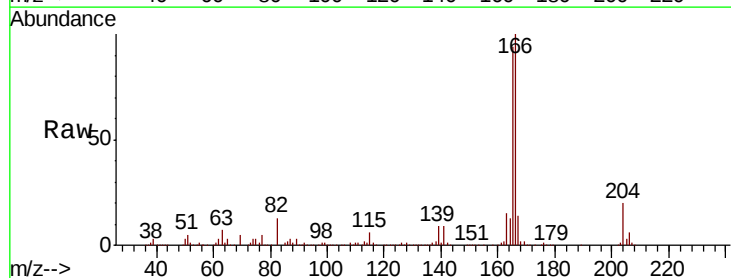
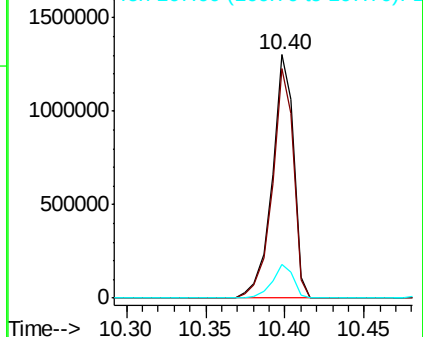
#58
Fluorene
Concen: 52.187 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

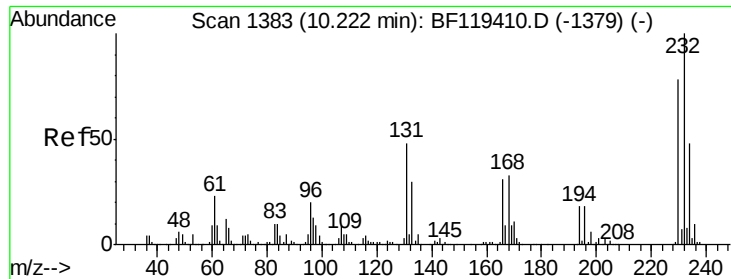
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1233261		
165	94.0	75.4	113.2	
167	13.9	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





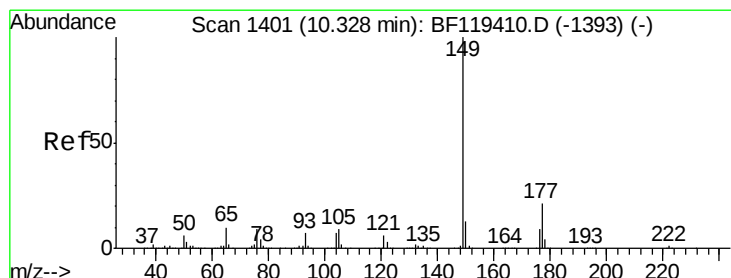
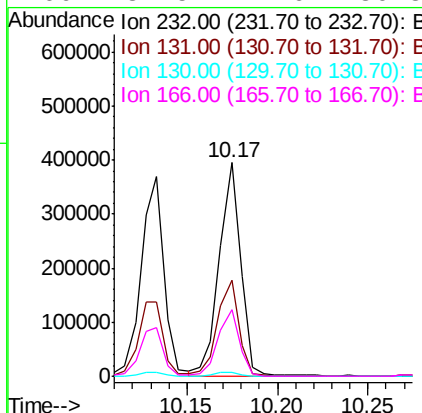
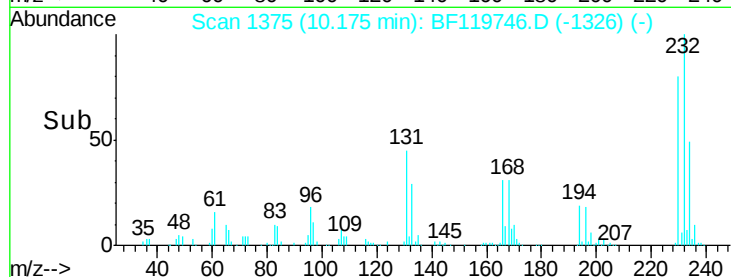
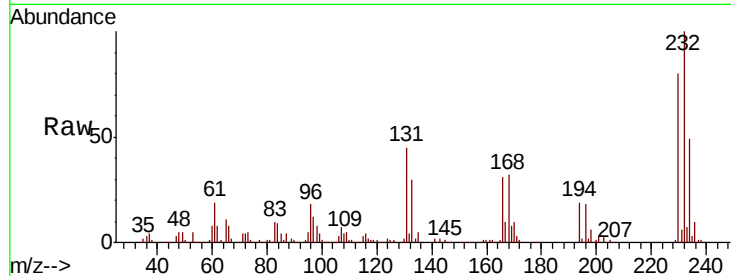
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.032 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.5	56.3
130	1.9	1.8	2.6
166	31.5	24.6	36.8

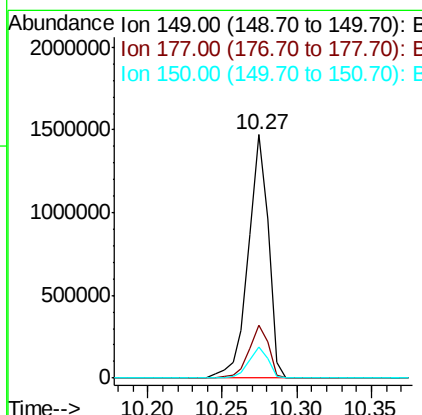
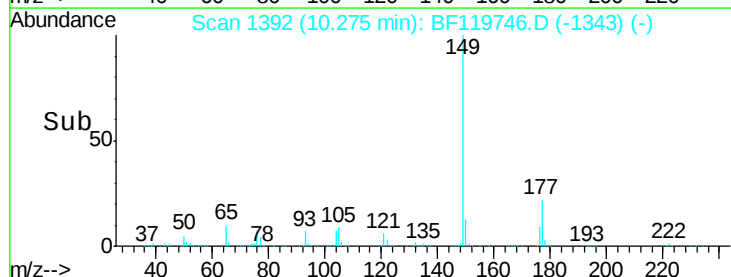
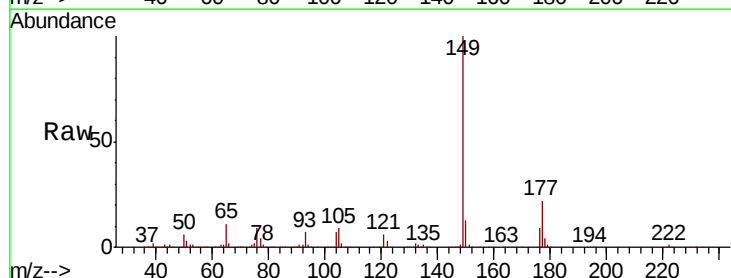
Manual Integrations
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#60
 Diethylphthalate
 Concen: 52.911 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	13.0	10.1	15.1





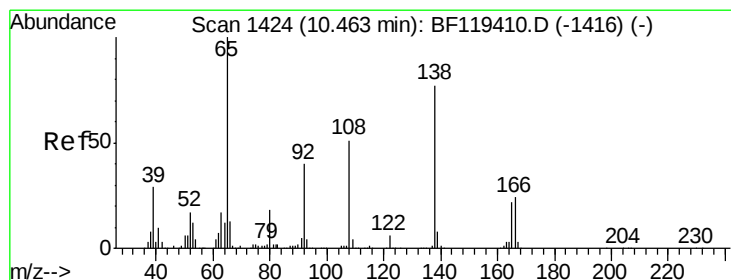
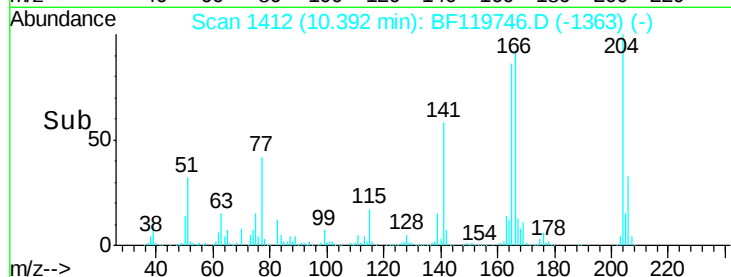
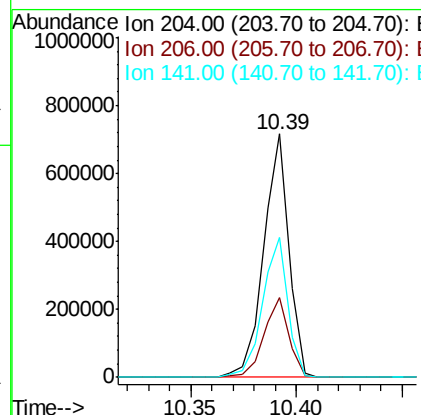
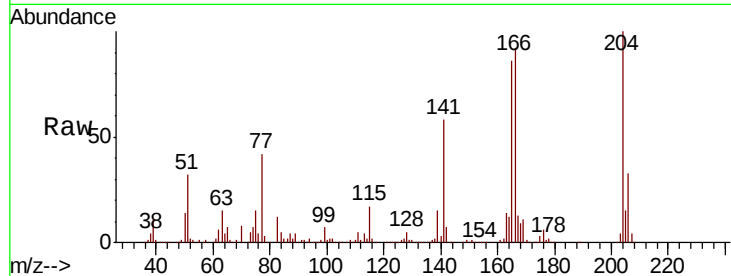
#61
 4-Chlorophenyl-phenylether
 Concen: 51.555 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampled :
 TP-2MSD

Tot Ion:	204	Resp:	595774
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.7	40.1
141	57.7	47.3	70.9

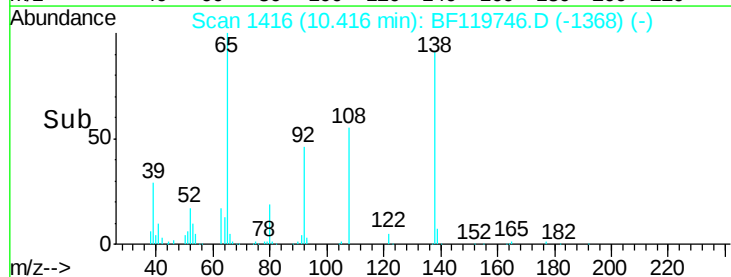
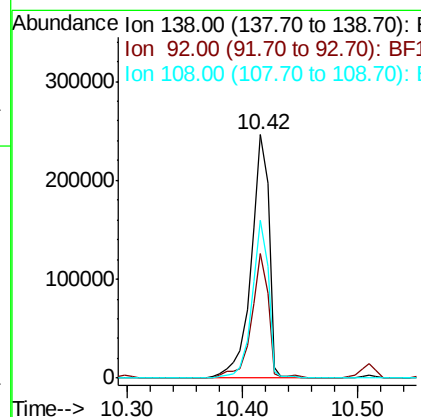
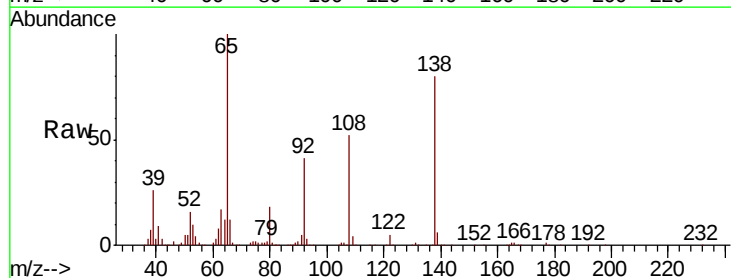
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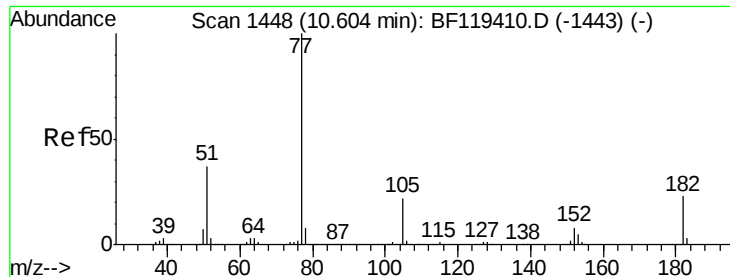
mohammad
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#62
 4-Nitroaniline
 Concen: 39.795 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion:	138	Resp:	261761
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.5	71.5
108	65.0	45.8	85.8





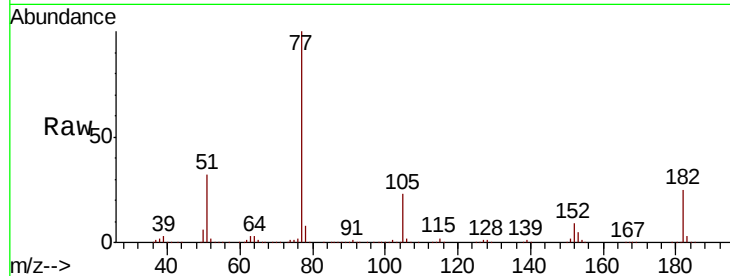
#63
Azobenzene
Concen: 49.340 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

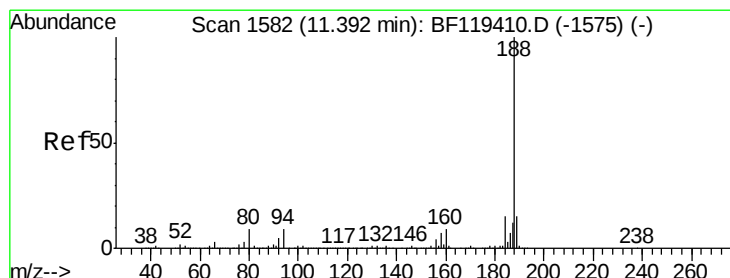
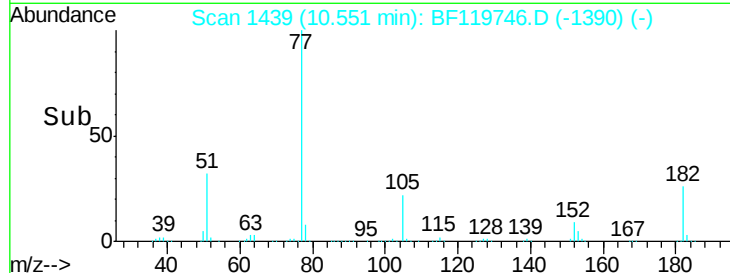
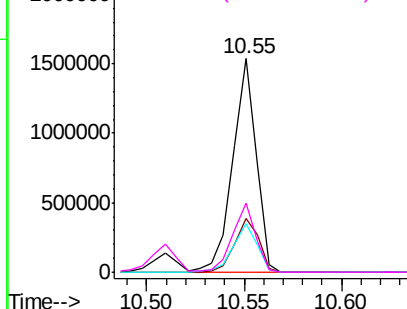
Tot Ion: 77 Resp: 1278284
Ion Ratio Lower Upper
77 100
182 25.5 4.4 44.4
105 23.1 2.6 42.6
51 32.3 15.1 55.1

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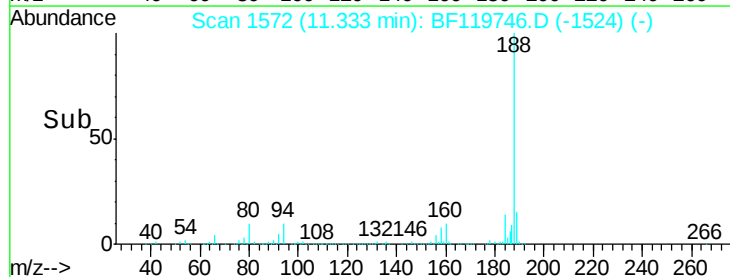
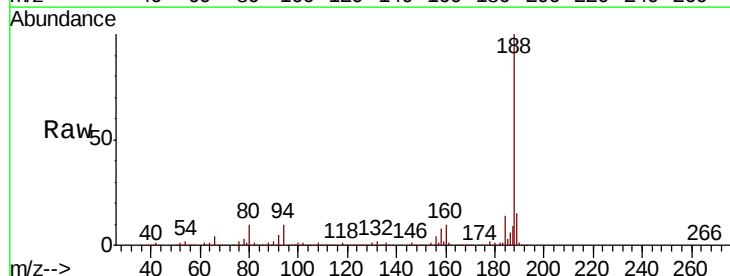
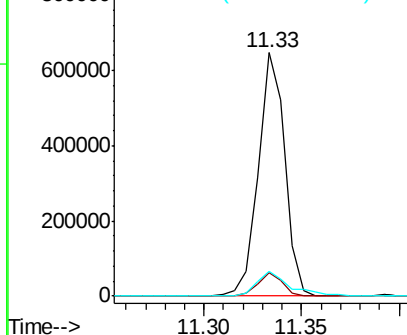
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion: 188 Resp: 607410
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 9.0 13.4

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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.644 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:198 Resp: 100975

Ion Ratio Lower Upper

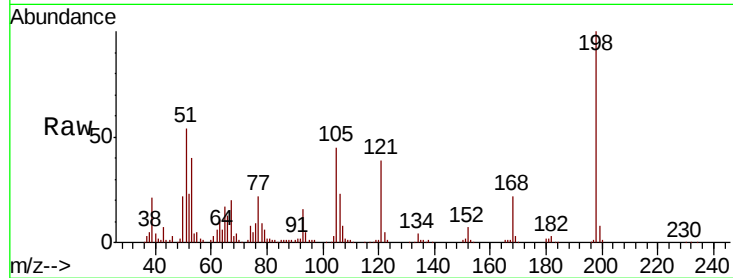
198 100

51 54.0 29.0 69.0

105 44.7 22.2 62.2

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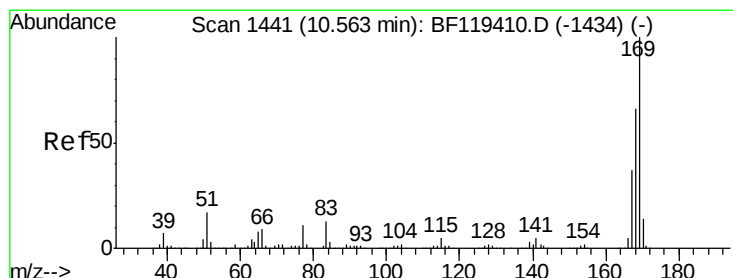
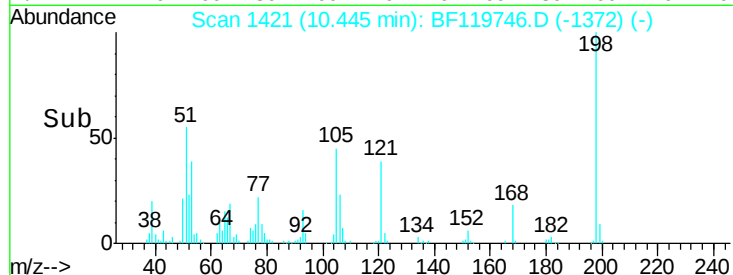
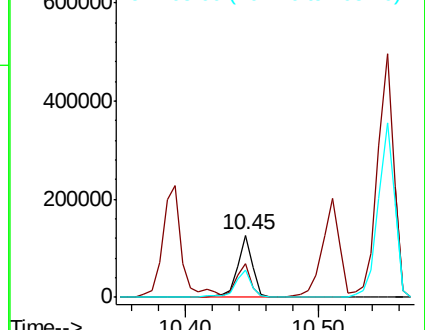
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 56.776 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

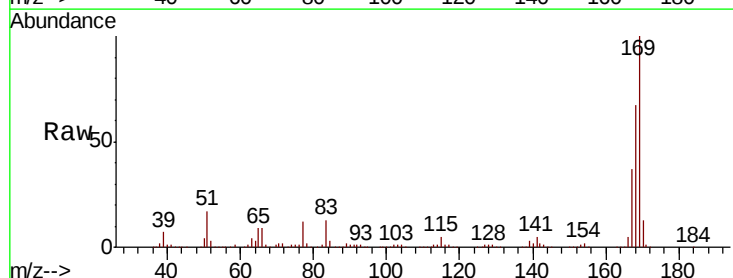
Tgt Ion:169 Resp: 1132134

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

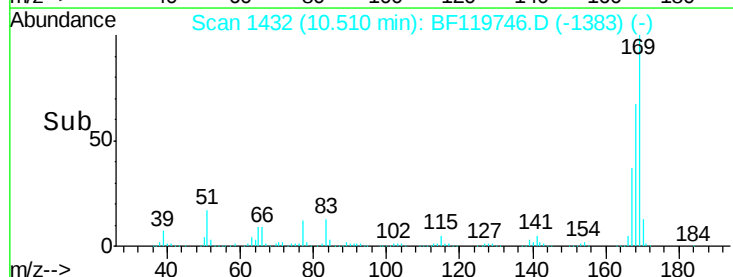
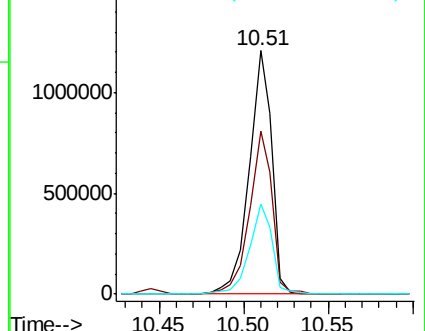
167 36.7 29.1 43.7

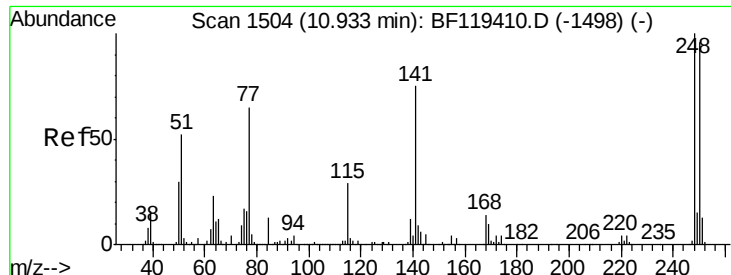


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





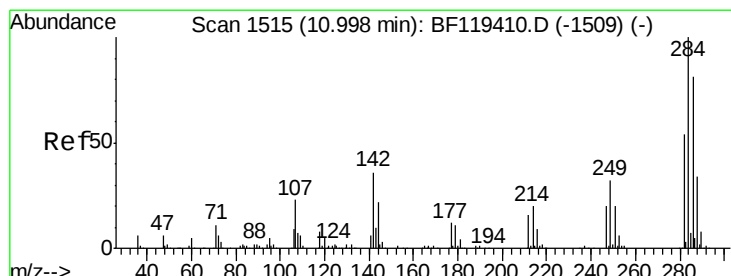
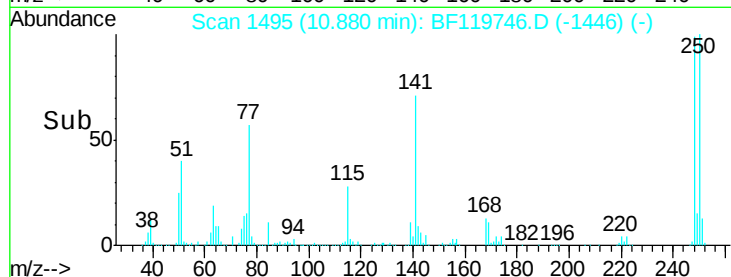
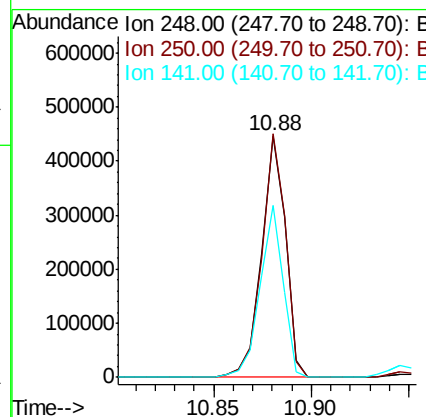
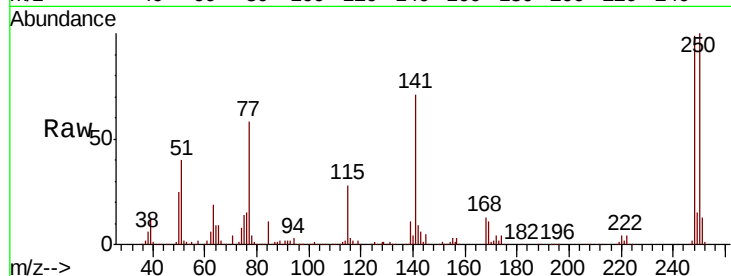
#67
 4-Bromophenyl-phenylether
 Concen: 55.119 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.7	77.3	115.9
141	71.1	58.6	87.8

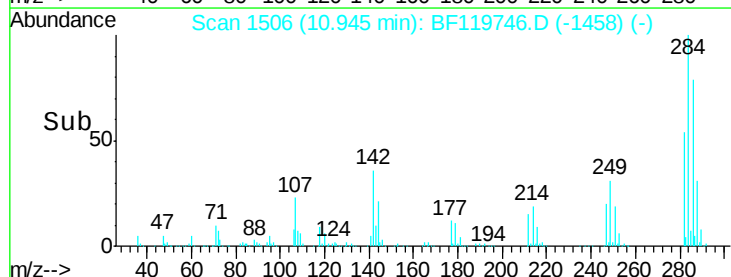
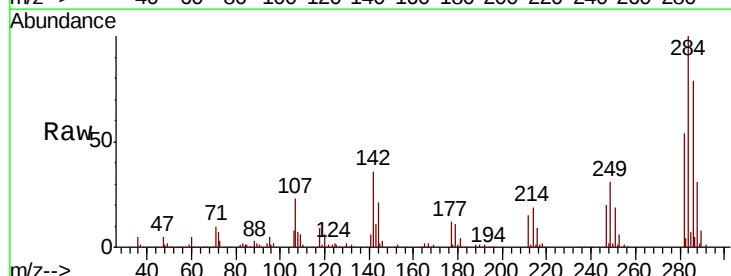
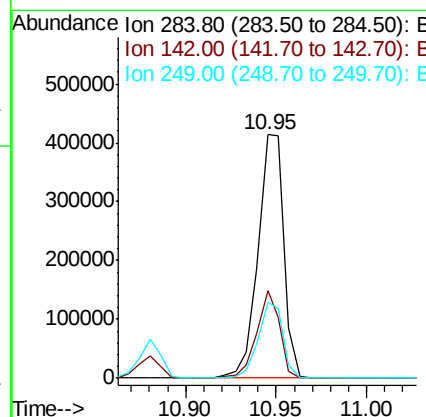
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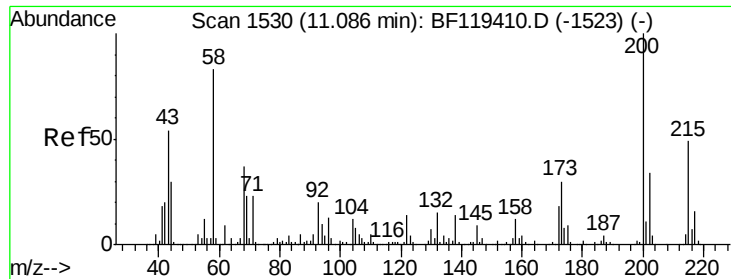
mohammad
 4/6/2020 1:39:11 PM



#68
 Hexachlorobenzene
 Concen: 57.907 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.02 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.2	43.8
249	31.3	25.1	37.7





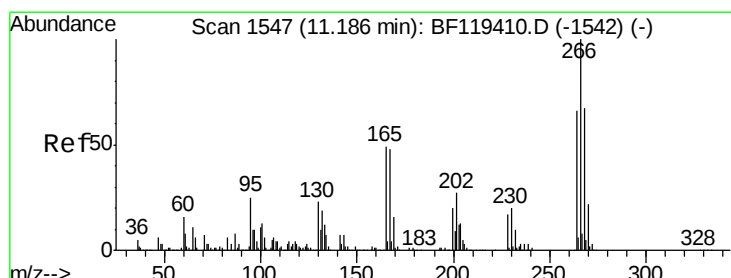
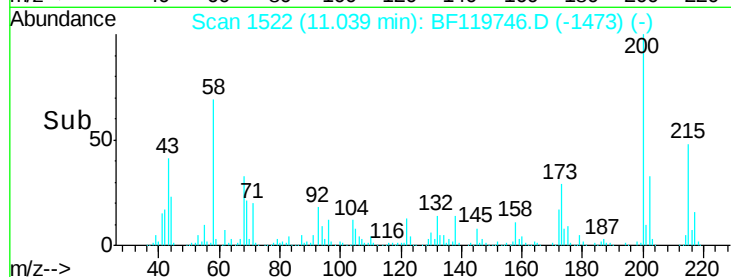
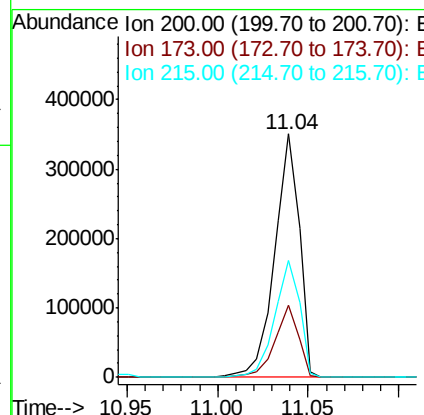
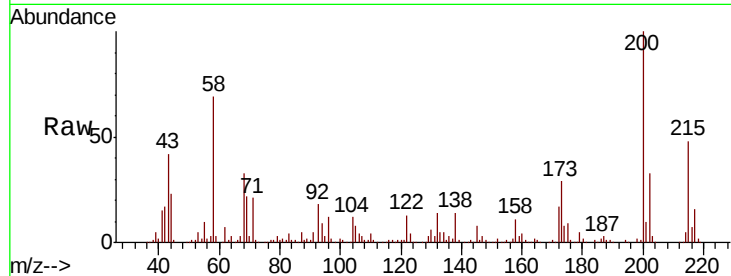
#69
Atrazine
Concen: 60.360 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	9.3	49.3
215	48.0	29.5	69.5

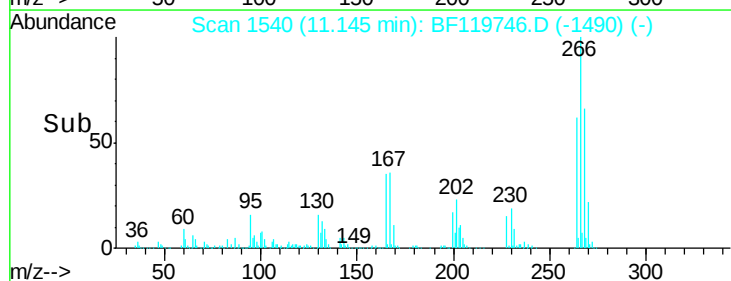
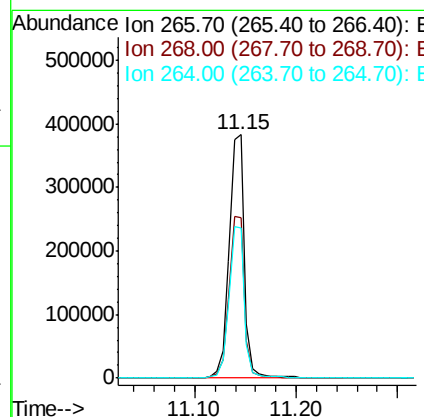
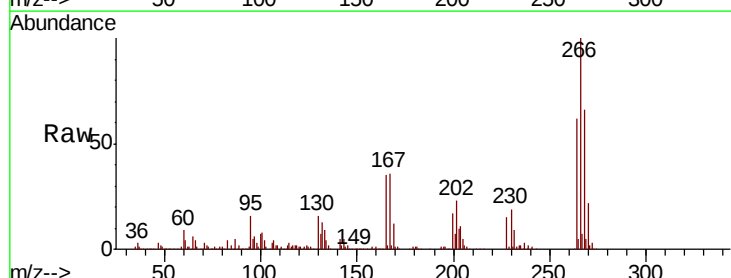
Manual Integrations
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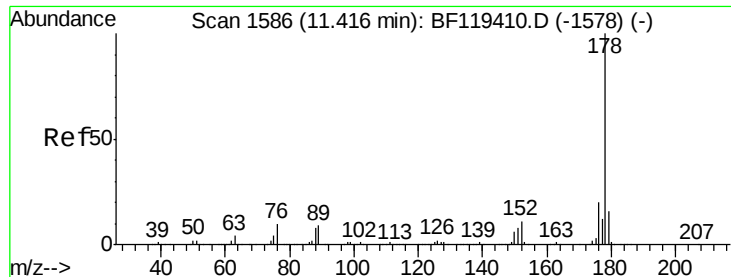
mohammad
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#70
Pentachlorophenol
Concen: 96.338 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.1	53.3	79.9
264	61.8	49.0	73.4





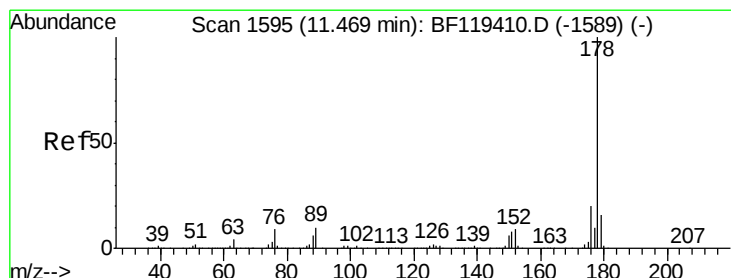
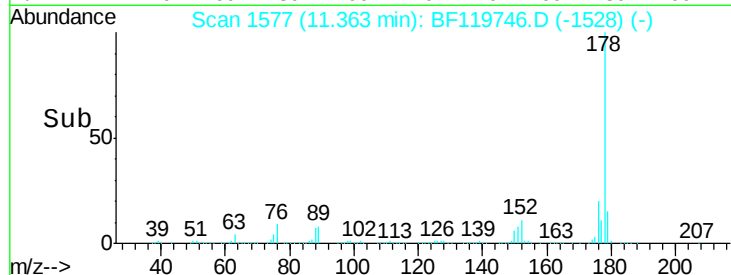
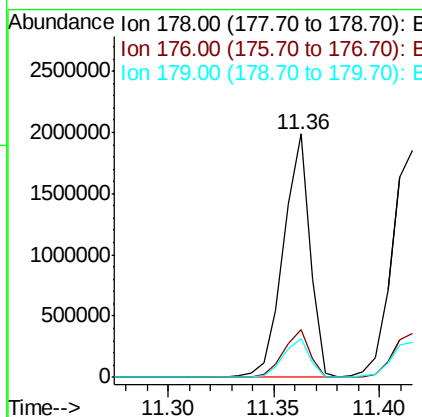
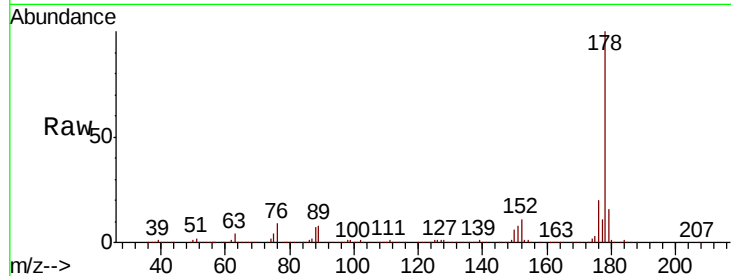
#71
Phenanthrene
Concen: 55.632 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampled :
TP-2MSD

Tot Ion:178 Resp: 1752185
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.7 13.2 19.8

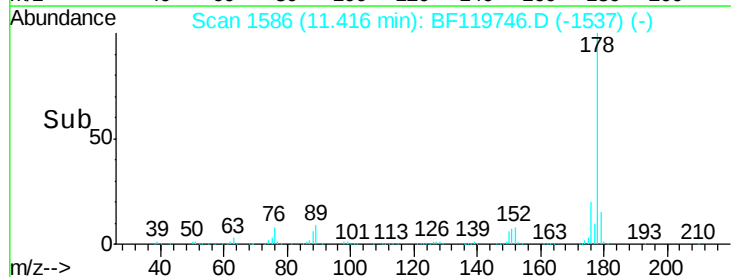
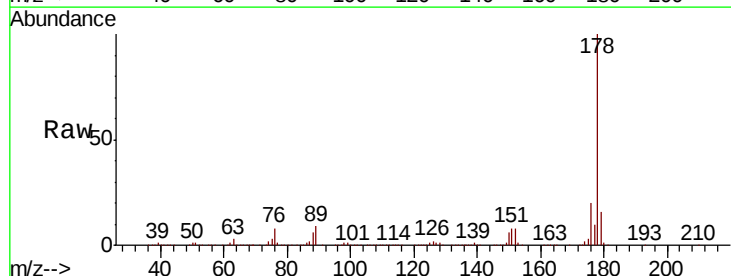
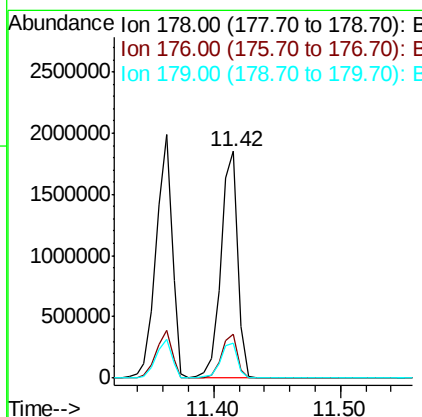
Manual Integrations
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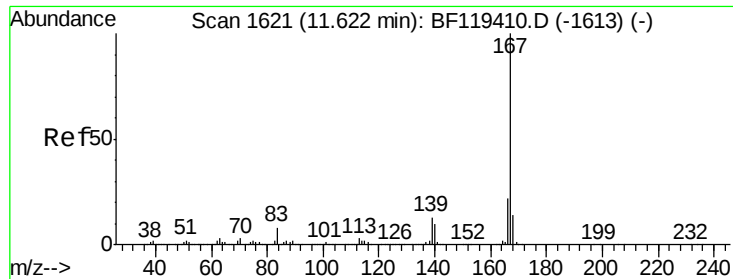
mohammad
4/6/2020 1:39:11 PM



#72
Anthracene
Concen: 53.627 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion:178 Resp: 1716616
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.7 13.0 19.4





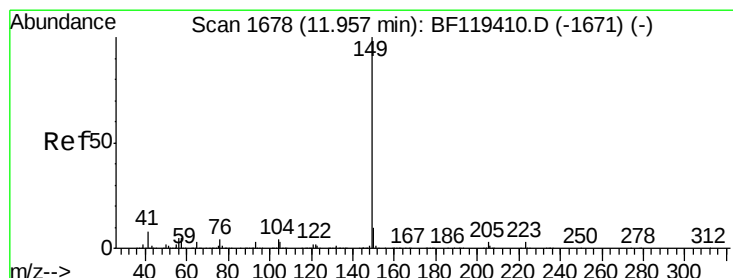
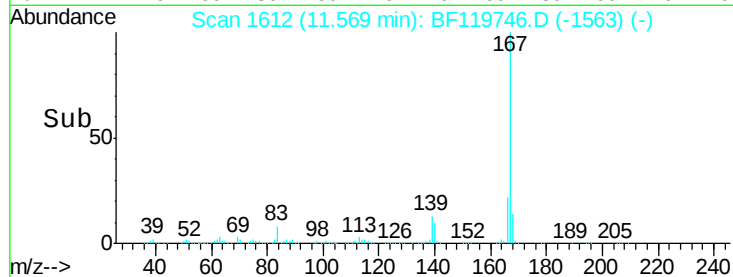
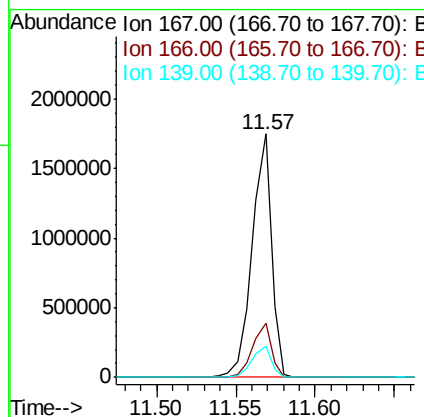
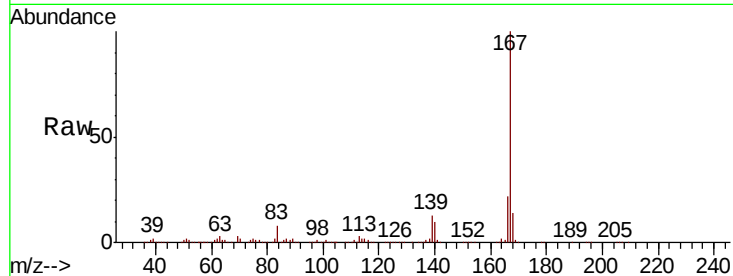
#73
 Carbazole
 Concen: 46.860 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:167 Resp: 1484714
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.4
 139 13.0 10.7 16.1

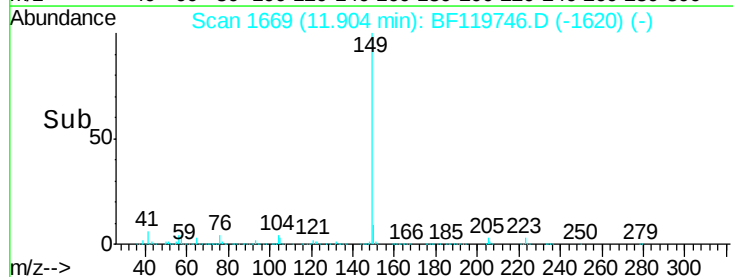
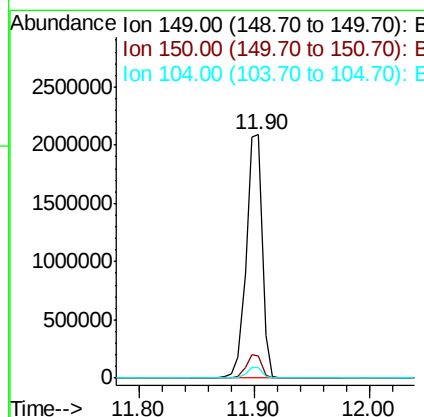
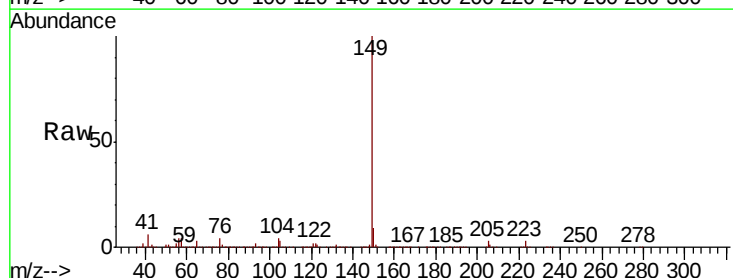
Manual Integrations
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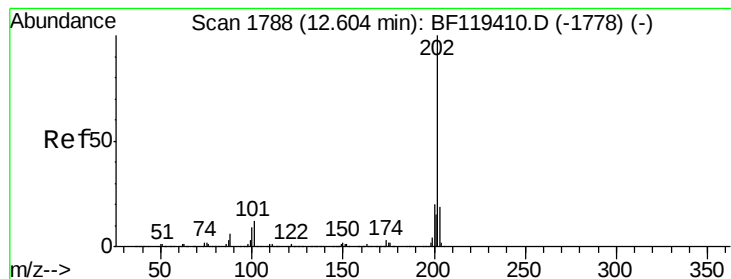
mohammad
 4/6/2020 1:39:11 PM



#74
 Di-n-butylphthalate
 Concen: 59.130 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion:149 Resp: 2004108
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.2 3.6 5.4





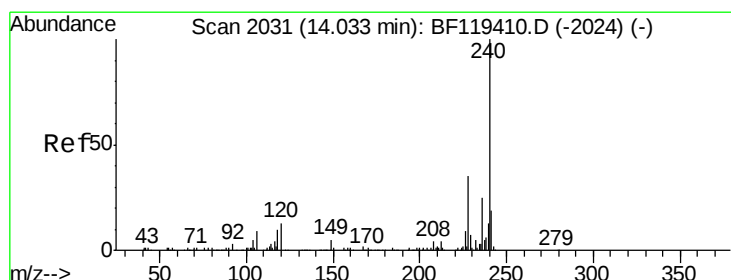
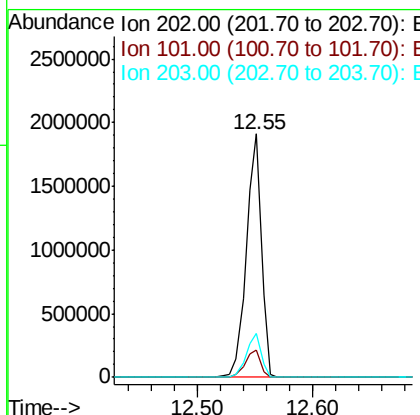
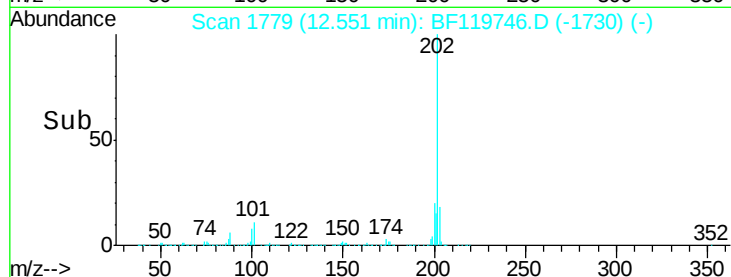
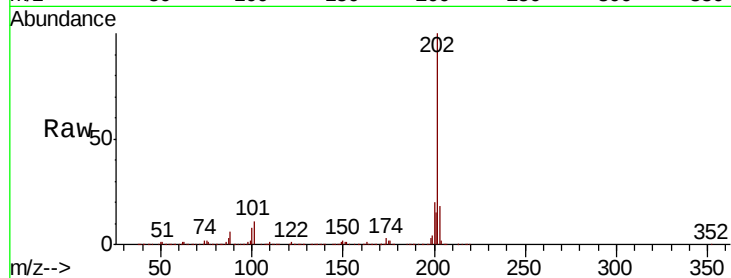
#75
 Fluoranthene
 Concen: 50.415 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.2
203	18.3	0.0	38.8

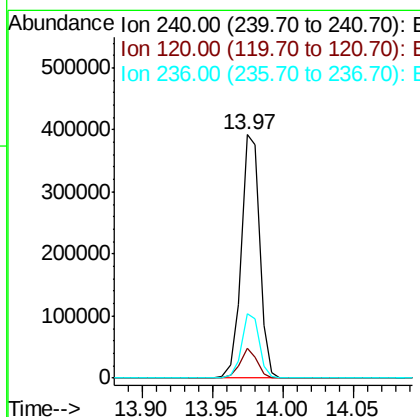
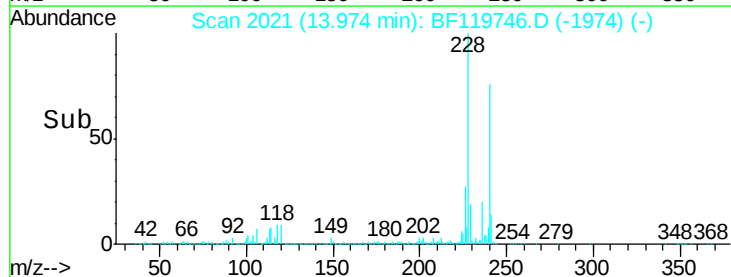
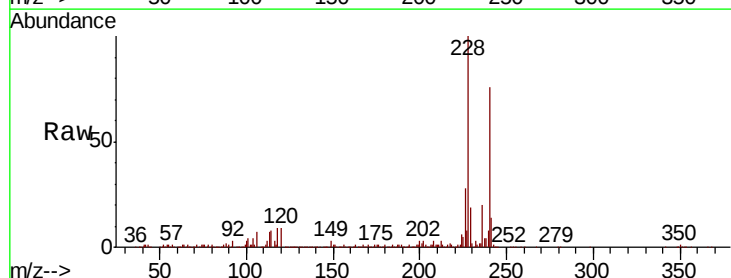
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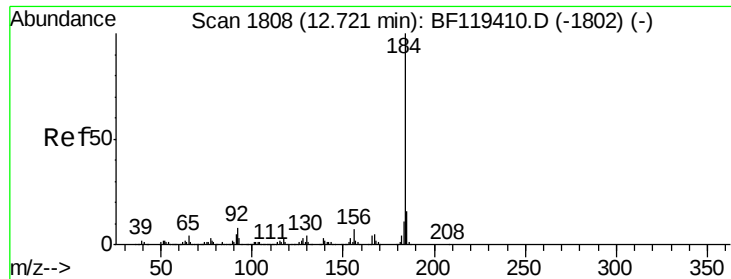
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.6	15.8
236	26.2	20.2	30.2





#77

Benzidine

Concen: 54.172 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

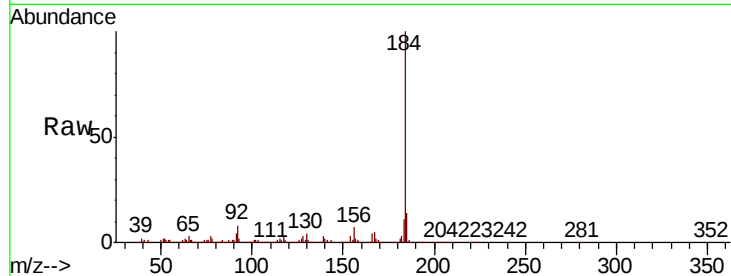
ClientSampleId :

TP-2MSD

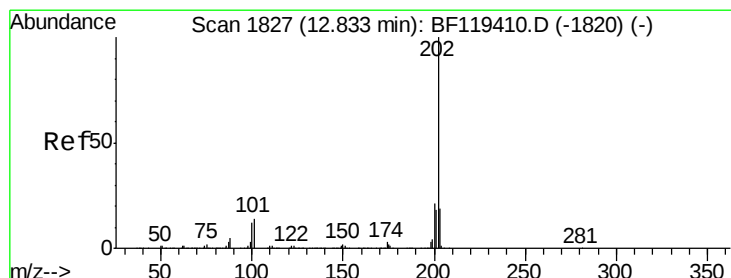
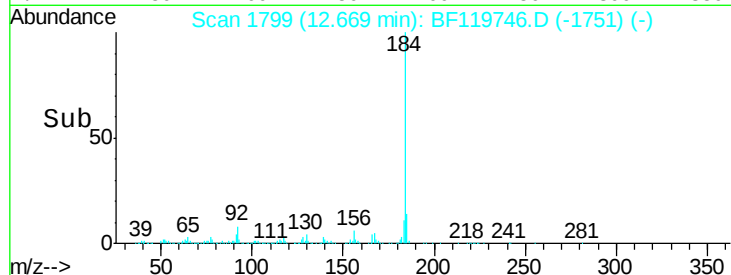
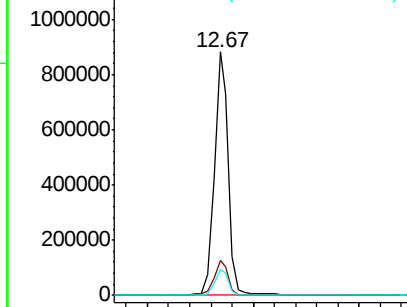
Tot Ion:	184	Resp:	817631
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.3	18.5
183	10.6	9.0	13.6

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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: 57.499 ng

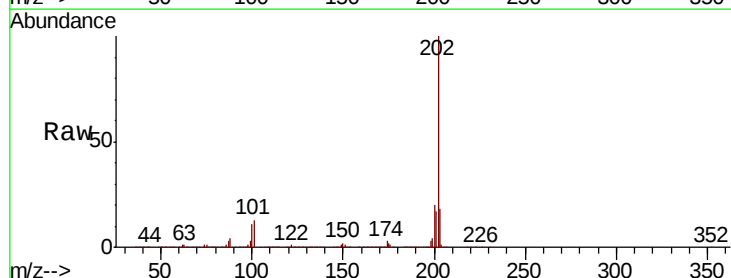
RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

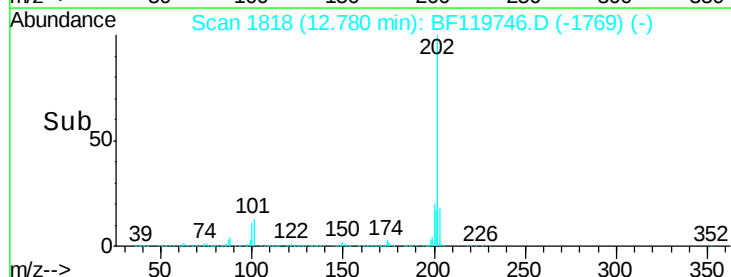
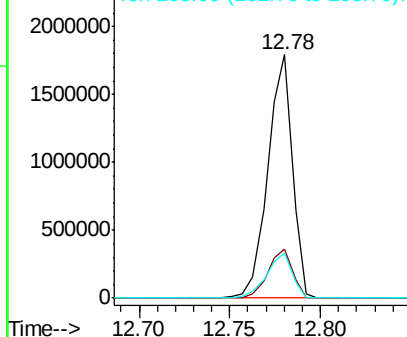
Lab File: BF119746.D

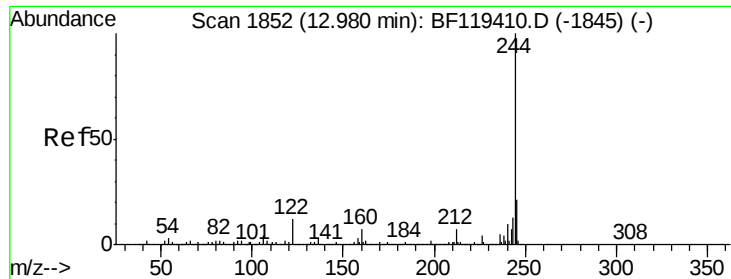
Acq: 4 Apr 2020 5:47

Tgt Ion:	202	Resp:	1682950
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	18.4	15.1	22.7



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: 128.314 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampled :

TP-2MSD

Tot Ion:244 Resp: 2335760

Ion Ratio Lower Upper

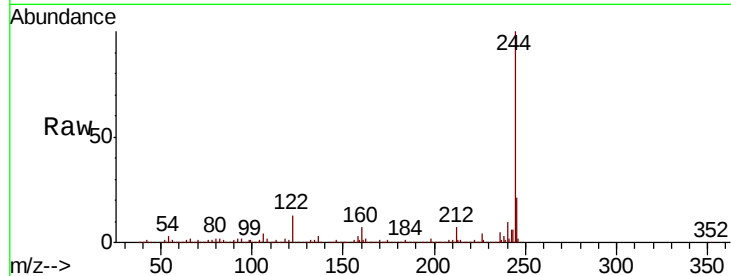
244 100

212 6.5 5.8 8.8

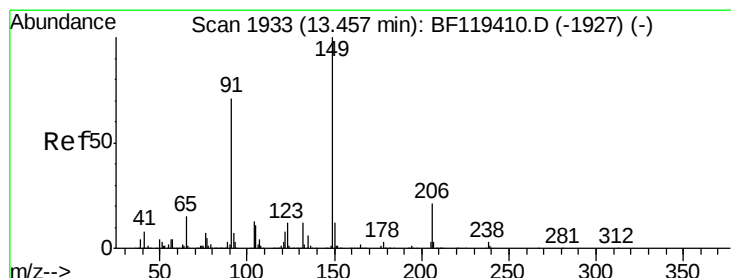
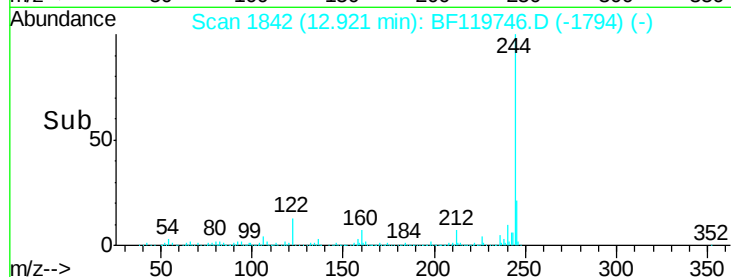
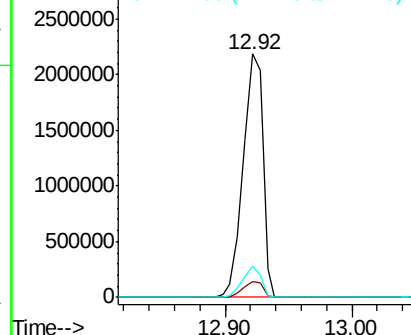
122 13.0 10.3 15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.056 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

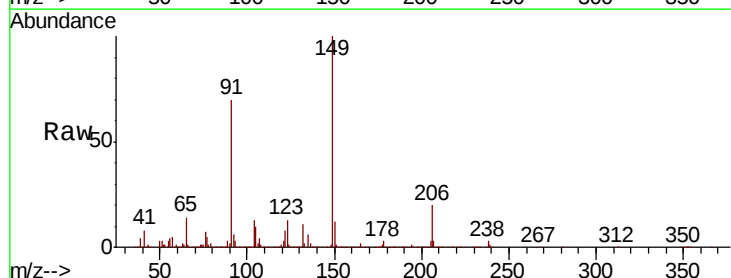
Tgt Ion:149 Resp: 699111

Ion Ratio Lower Upper

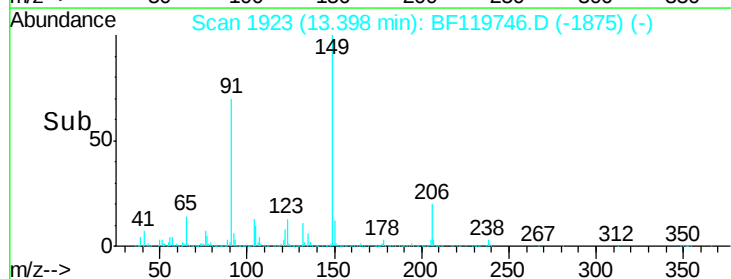
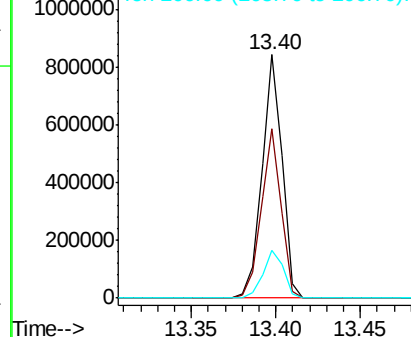
149 100

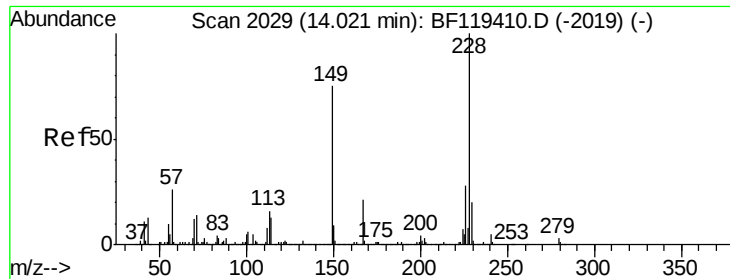
91 69.7 54.7 82.1

206 19.6 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





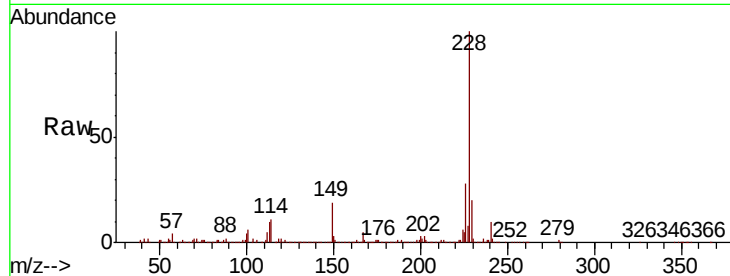
#81
Benzo(a)anthracene
Concen: 55.455 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

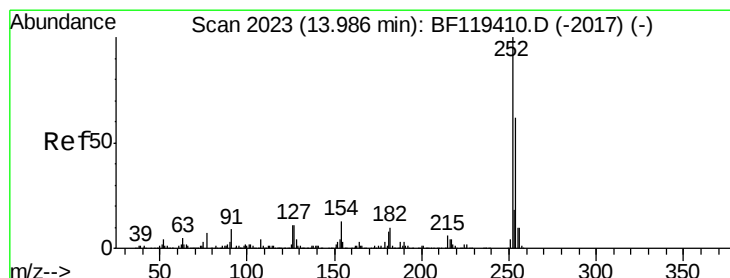
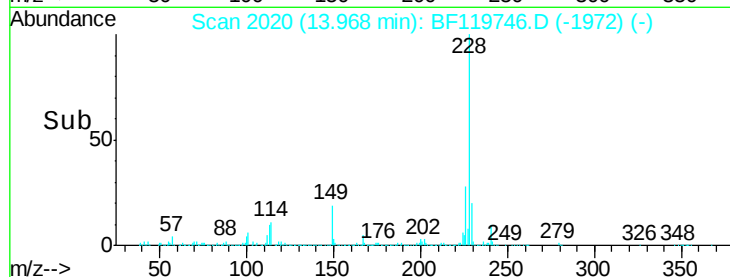
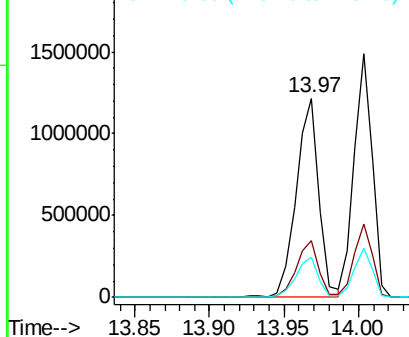
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.8
229	20.4	16.2	24.4

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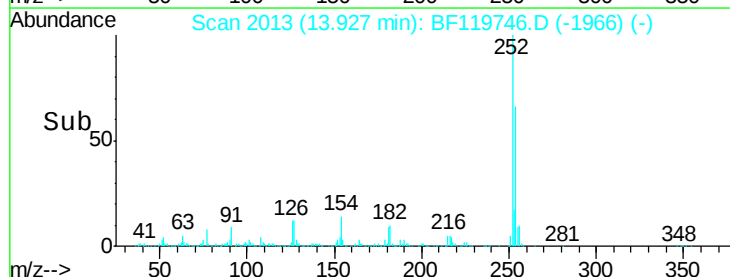
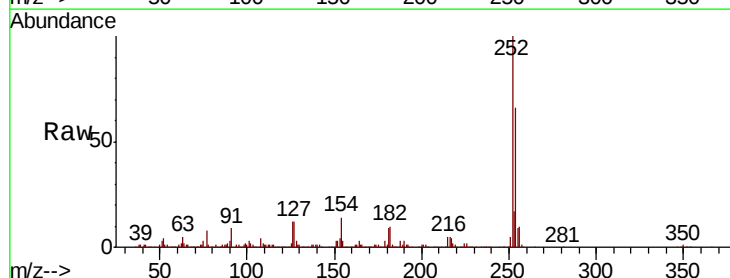
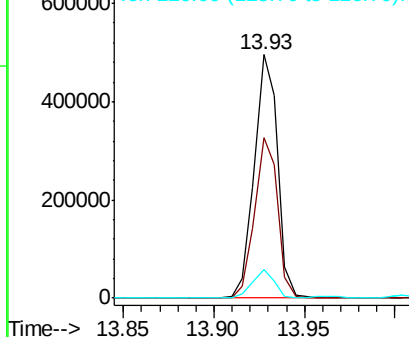
Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

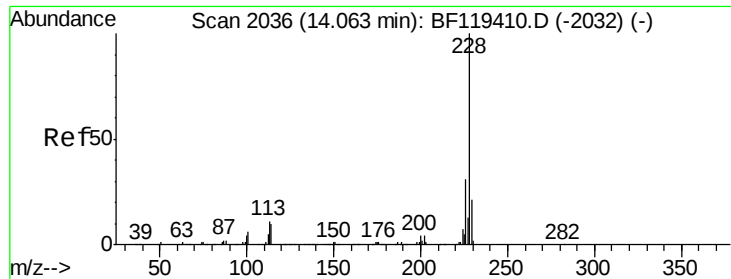


#82
3,3'-Dichlorobenzidine
Concen: 48.391 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.2	76.8
126	11.9	9.6	14.4

Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





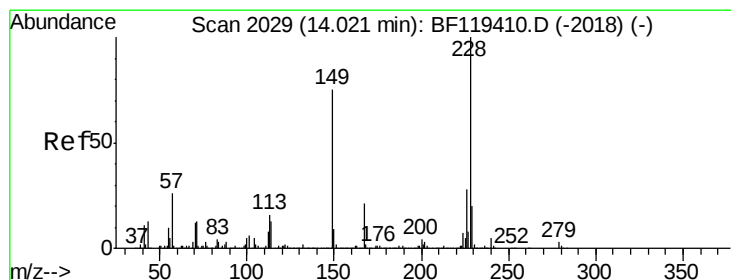
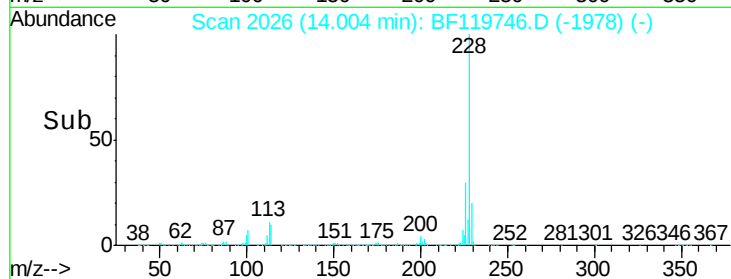
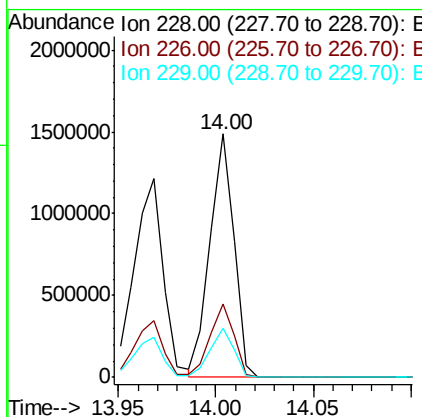
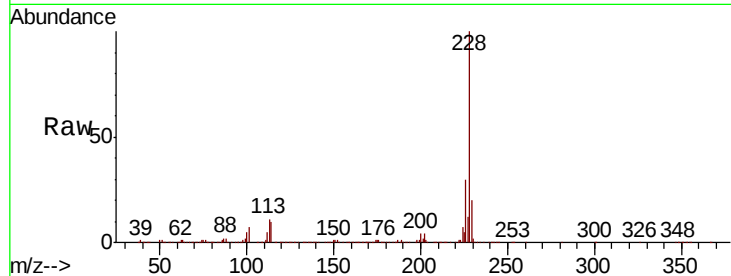
#83
 Chrvsene
 Concen: 53.216 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MSD

Tot Ion:228 Resp: 1273733
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.0
 229 20.1 16.6 24.8

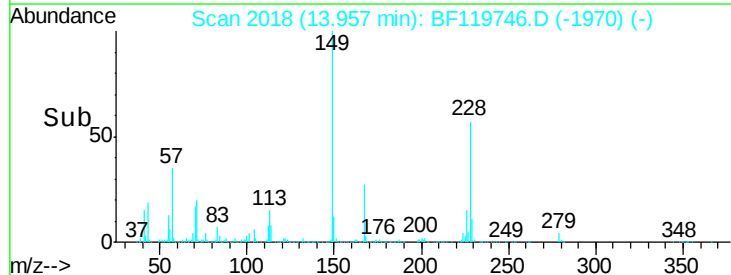
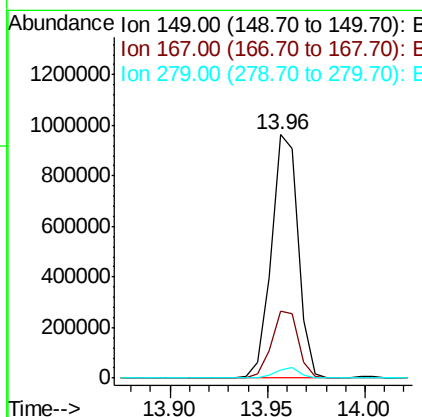
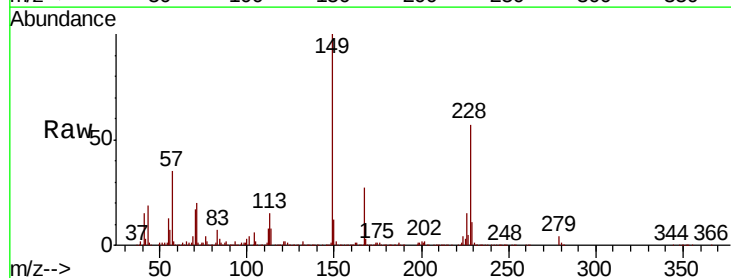
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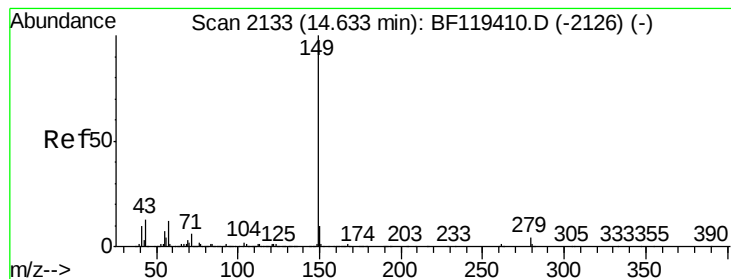
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 65.052 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.02 min
 Lab File: BF119746.D
 Acq: 4 Apr 2020 5:47

Tgt Ion:149 Resp: 918025
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 60.780 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

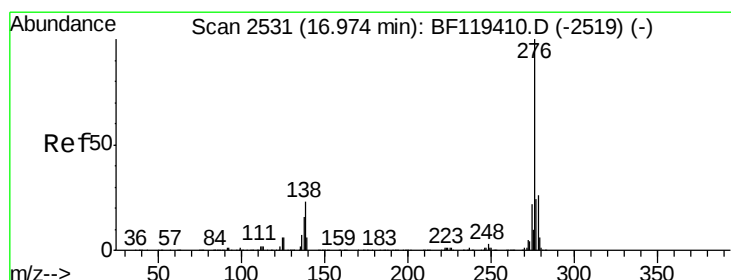
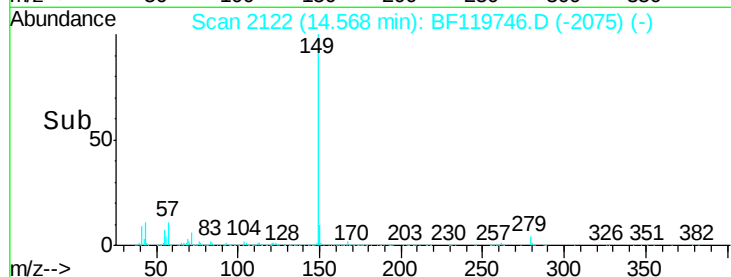
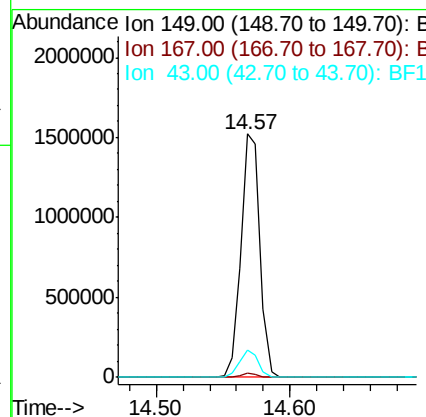
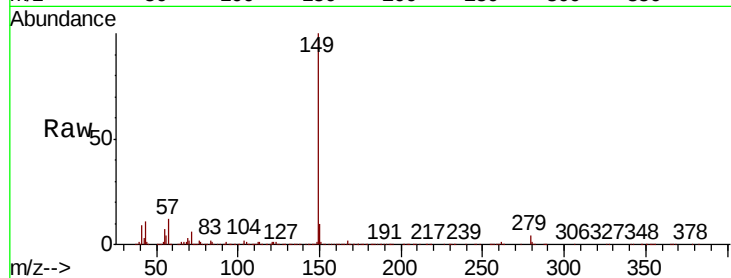
ClientSampleId :

TP-2MSD

Tot Ion:	149	Resp:	1508509
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 55.946 ng

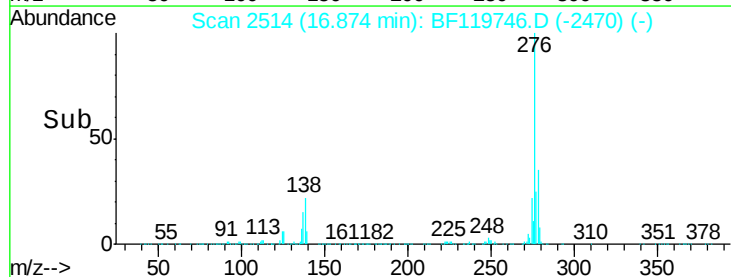
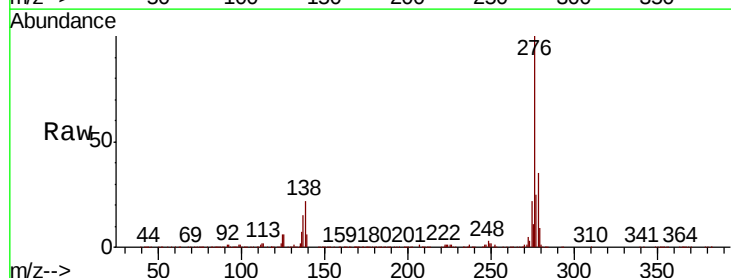
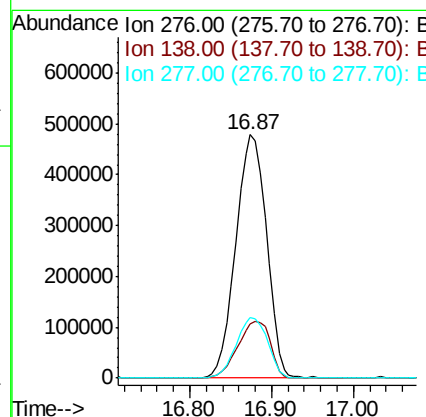
RT: 16.87 min Scan# 2514

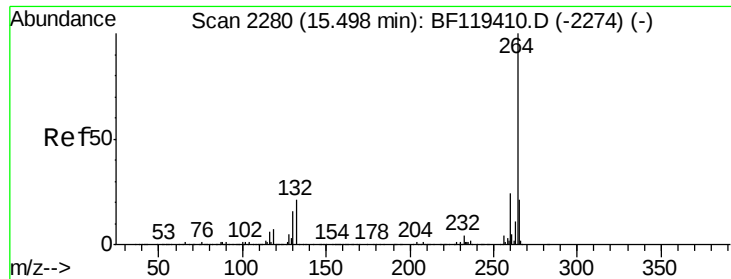
Delta R.T. -0.04 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion:	276	Resp:	1261139
Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.6	29.4
277	25.4	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

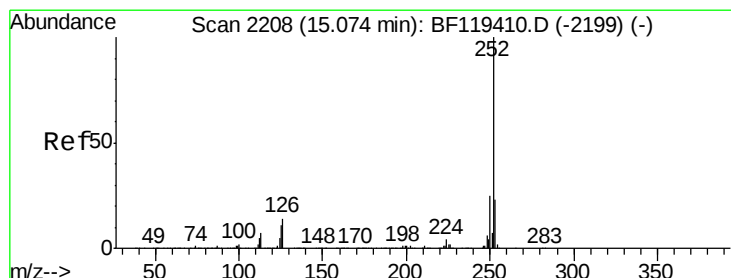
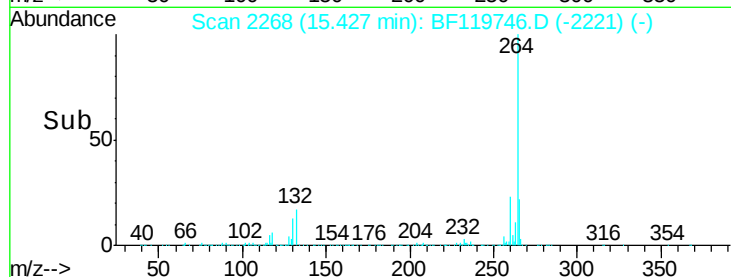
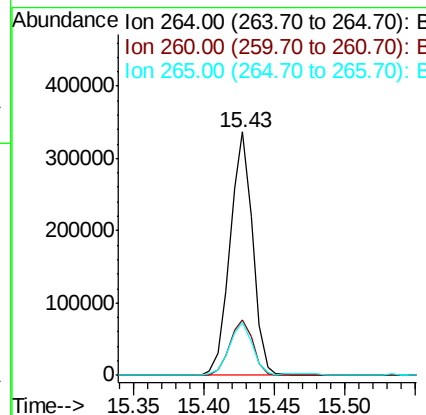
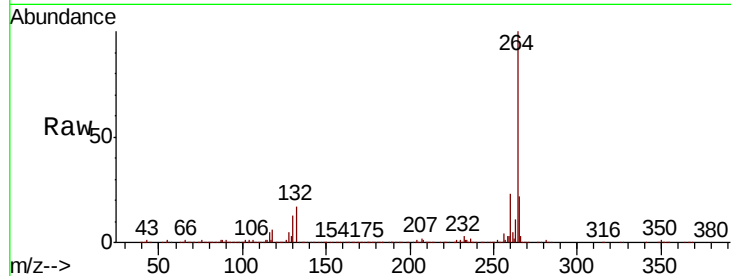
ClientSampleId :

TP-2MSD

Tot Ion:	264	Resp:	373774
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.7	28.1
265	21.7	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 55.214 ng

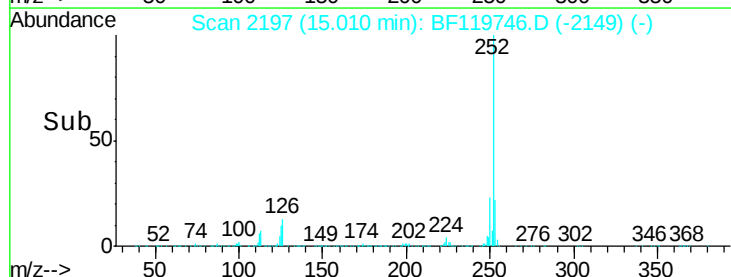
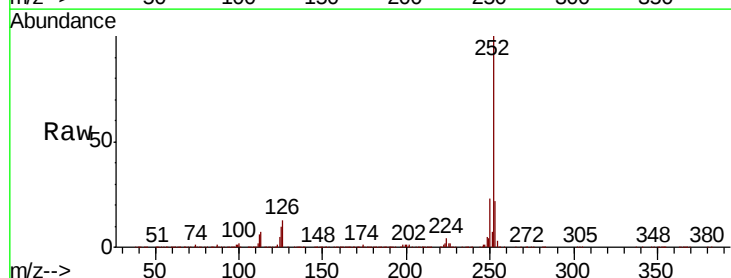
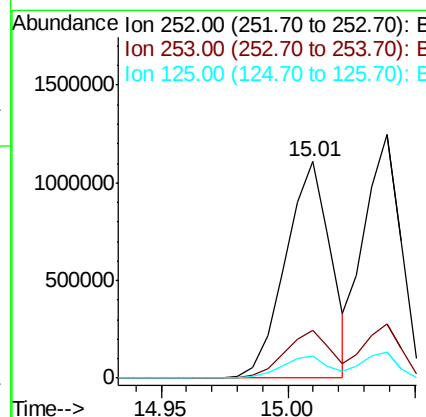
RT: 15.01 min Scan# 2197

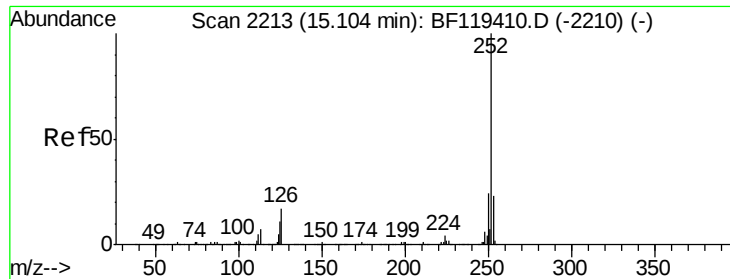
Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Tgt Ion:	252	Resp:	1378594
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	10.1	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 52.882 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

Instrument :

BNA_F

ClientSampleId :

TP-2MSD

Tot Ion:252 Resp: 1257244

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

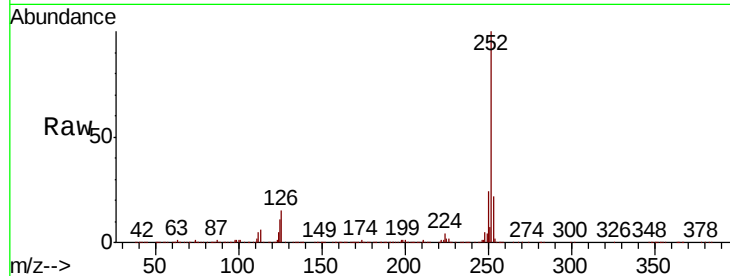
125 10.5 8.4 12.6

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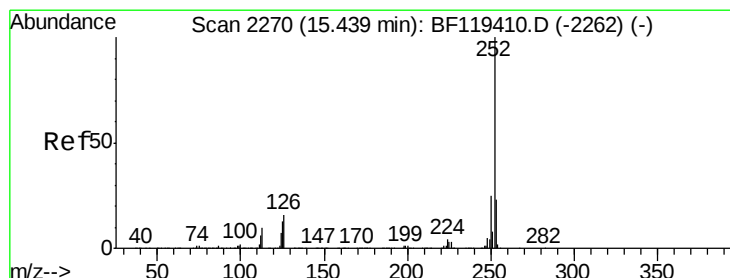
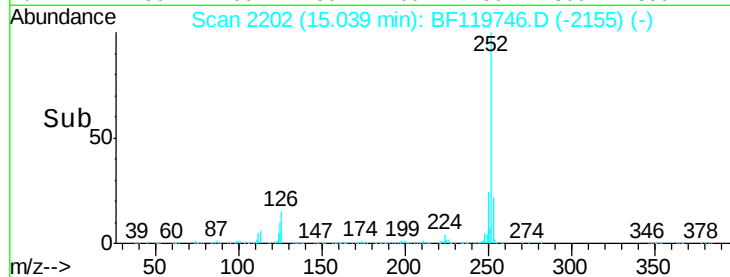
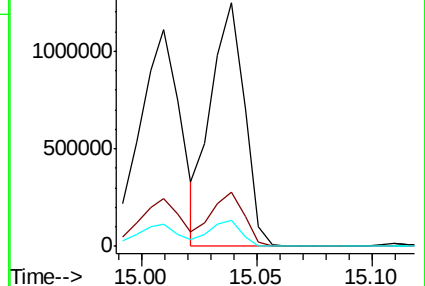
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.283 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.03 min

Lab File: BF119746.D

Acq: 4 Apr 2020 5:47

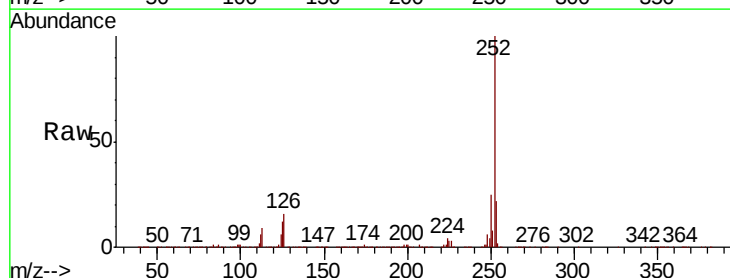
Tgt Ion:252 Resp: 1209025

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

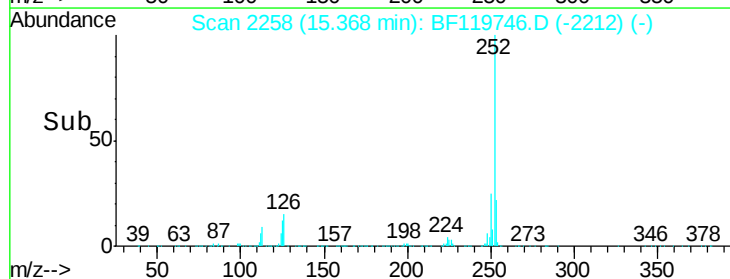
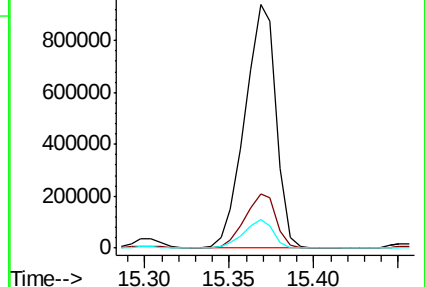
125 11.8 9.4 14.2

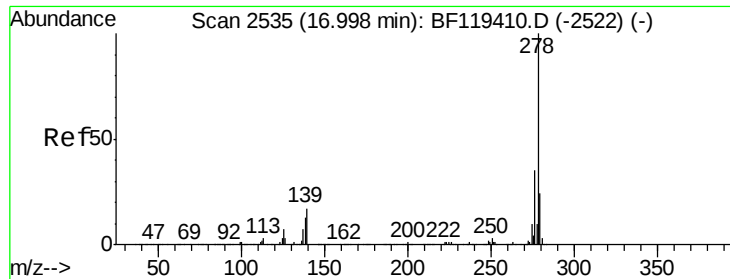


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





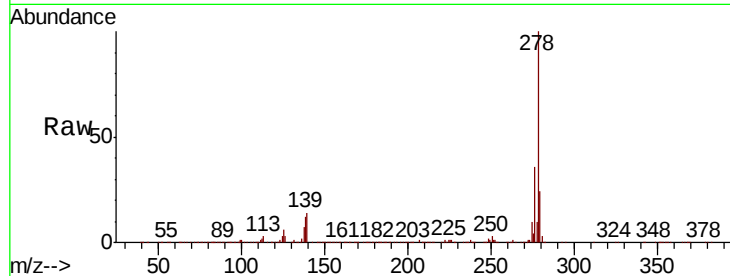
#91
Dibenzo(a,h)anthracene
Concen: 53.441 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.04 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Instrument :
BNA_F
ClientSampleId :
TP-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	12.6	19.0
279	23.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/6/2020 1:39:11 PM

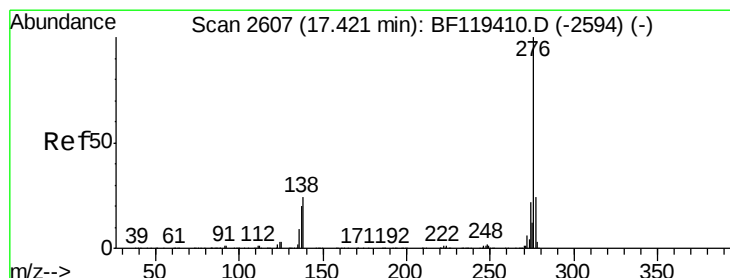
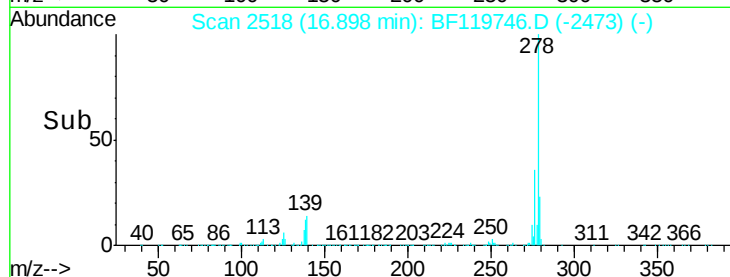
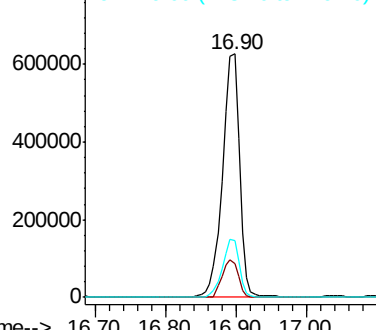


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.420 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.04 min
Lab File: BF119746.D
Acq: 4 Apr 2020 5:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	20.2	15.4	23.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

