

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119725.D
 Acq On : 3 Apr 2020 17:57
 Operator : MA/SJ
 Sample : L2101-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Manual Integrations
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 4/6/2020 1:38:50 PM

Quant Time: Apr 03 18:30:17 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	207983	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	809820	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	424390	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	809764	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	577047	20.00	ng	-0.02
87) Perylene-d12	15.43	264	520286	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1892900	144.88	ng	0.02
7) Phenol-d6	6.45	99	2271539	136.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	1637807	109.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	768138	175.44	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2998227	104.66	ng	0.00
79) Terphenyl-d14	12.93	244	3361446	114.13	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	289732	44.901	ng	# 81
3) Pyridine	3.45	79	682051	38.367	ng	91
4) n-Nitrosodimethylamine	3.38	42	412401	47.572	ng	91
6) Aniline	6.47	93	488808	21.221	ng	97
8) 2-Chlorophenol	6.59	128	826825	60.255	ng	99
9) Benzaldehyde	6.35	77	291929	27.573	ng	100
10) Phenol	6.46	94	885727	49.737	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	924607	64.917	ng	95
12) 1,3-Dichlorobenzene	6.75	146	836278	56.310	ng	96
13) 1,4-Dichlorobenzene	6.82	146	841656	56.658	ng	98
14) 1,2-Dichlorobenzene	6.98	146	782950	56.388	ng	97
15) Benzyl Alcohol	6.95	79	687858	54.791	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1364177	47.485	ng	96
17) 2-Methylphenol	7.06	107	658897	52.408	ng	99
18) Hexachloroethane	7.32	117	313170	57.527	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	562776	55.944	ng	97
20) 3+4-Methylphenols	7.22	107	786270	51.030	ng	# 77
22) Acetophenone	7.22	105	1083721	56.005	ng	# 92
24) Nitrobenzene	7.39	77	859868	53.998	ng	98
25) Isophorone	7.63	82	1590156	52.608	ng	99
26) 2-Nitrophenol	7.70	139	454644	72.511	ng	94
27) 2,4-Dimethylphenol	7.75	122	744198	57.402	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1001522	56.033	ng	99
29) 2,4-Dichlorophenol	7.95	162	684481	57.459	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	730585	55.456	ng	97
31) Naphthalene	8.12	128	2388883	57.323	ng	99
32) Benzoic acid	7.88	122	537442	64.444	ng	96
33) 4-Chloroaniline	8.16	127	408137	21.373	ng	97
34) Hexachlorobutadiene	8.23	225	398428	54.054	ng	99
35) Caprolactam	8.54	113	186951m	47.953	ng	
36) 4-Chloro-3-methylphenol	8.65	107	750777	57.664	ng	100
37) 2-Methylnaphthalene	8.81	142	1600739	58.527	ng	98
38) 1-Methylnaphthalene	8.90	142	1506165	58.181	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	674853	54.252	ng	99

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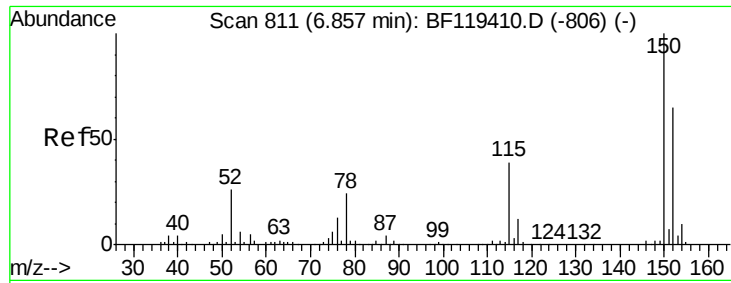
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	753630	106.568	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	537491	60.380	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	519968	52.143	nq	98
46) 1,1'-Biphenyl	9.27	154	1887638	54.612	nq	99
47) 2-Chloronaphthalene	9.30	162	1468783	54.249	nq	98
48) 2-Nitroaniline	9.39	65	553220	59.198	nq	96
49) Acenaphthylene	9.72	152	2320813	54.585	nq	99
50) Dimethylphthalate	9.58	163	1728538	57.342	nq	99
51) 2,6-Dinitrotoluene	9.64	165	393108	60.840	nq	96
52) Acenaphthene	9.89	154	1648792m	62.205	nq	
53) 3-Nitroaniline	9.80	138	272913	33.456	nq	94
54) 2,4-Dinitrophenol	9.92	184	472015	160.752	nq	97
55) Dibenzofuran	10.06	168	2092812	55.070	nq	100
56) 4-Nitrophenol	9.97	139	635827	98.807	nq	93
57) 2,4-Dinitrotoluene	10.05	165	532691	65.445	nq	91
58) Fluorene	10.40	166	1607393	57.198	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	440358	59.077	nq	98
60) Diethylphthalate	10.28	149	1735566	56.727	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	754154	54.877	nq	99
62) 4-Nitroaniline	10.43	138	435569	55.683	nq	96
63) Azobenzene	10.56	77	1670968	54.235	nq	94
65) 4,6-Dinitro-2-methylphenol	10.45	198	304819	89.770	nq	94
66) n-Nitrosodiphenylamine	10.52	169	1508482	56.745	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	508706	55.161	nq	# 92
68) Hexachlorobenzene	10.95	284	546957	57.948	nq	93
69) Atrazine	11.04	200	422498	57.973	nq	99
70) Pentachlorophenol	11.14	266	633858	114.530	nq	97
71) Phenanthrene	11.36	178	2362482	56.265	nq	100
72) Anthracene	11.42	178	2402556	56.300	nq	99
73) Carbazole	11.57	167	2283999	54.073	nq	99
74) Di-n-butylphthalate	11.90	149	2641057	58.450	nq	100
75) Fluoranthene	12.55	202	2567254	56.496	nq	99
77) Benzidine	12.67	184	215375	8.819	nq	99
78) Pyrene	12.78	202	2575773	54.390	nq	99
80) Butylbenzylphthalate	13.40	149	1131381	59.067	nq	99
81) Benzo(a)anthracene	13.97	228	1986115	52.929	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	581049	39.272	nq	99
83) Chrysene	14.01	228	2075000	53.581	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1418051	62.105	nq	98
85) Di-n-octyl phthalate	14.57	149	2512712	62.572	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1986826	54.474	nq	98
88) Benzo(b)fluoranthene	15.01	252	2072890	59.643	nq	97
89) Benzo(k)fluoranthene	15.04	252	1797090	54.303	nq	99
90) Benzo(a)pyrene	15.37	252	1752673	55.491	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1627048	58.895	nq	100
92) Benzo(g,h,i)perylene	17.33	276	1674438	60.331	nq	99

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



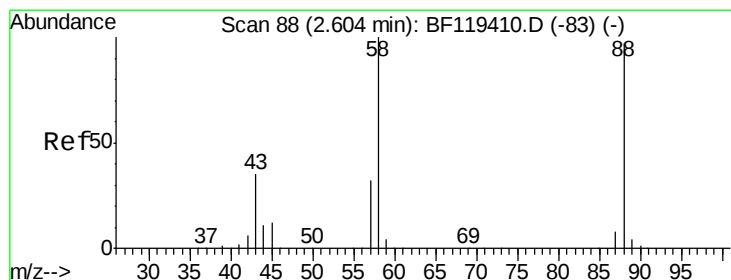
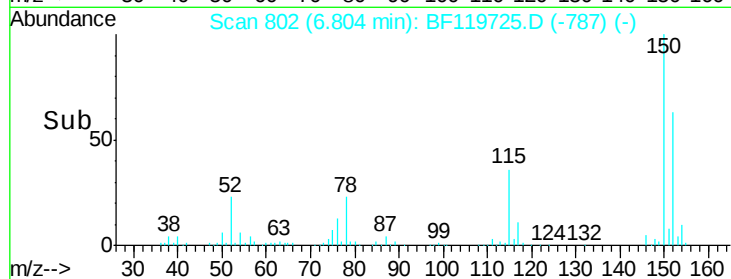
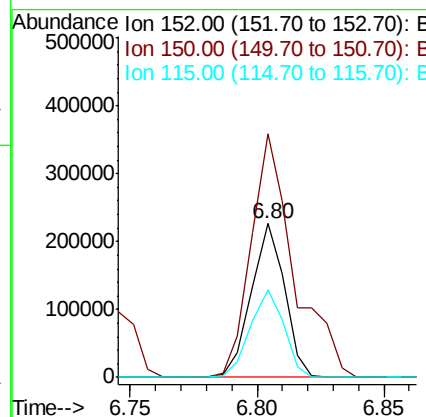
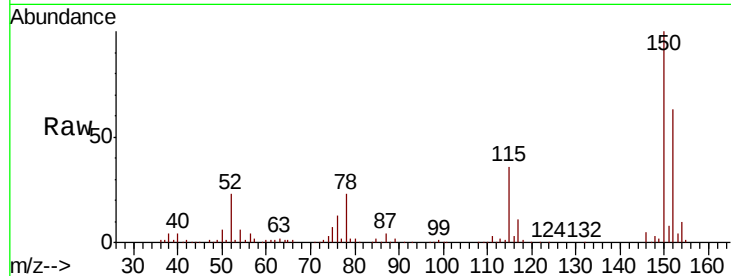
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.5	186.7
115	56.9	49.6	74.4

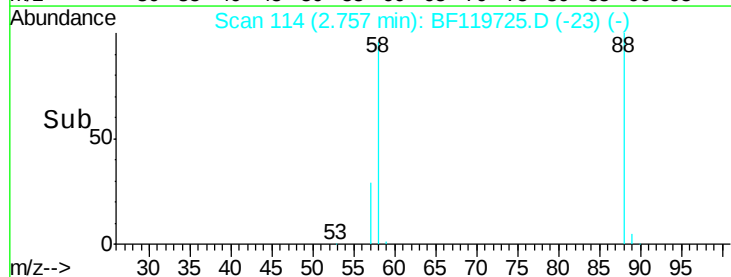
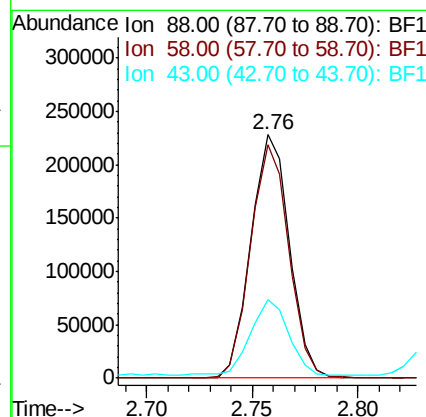
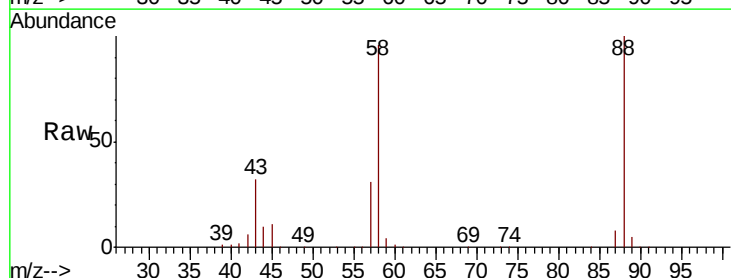
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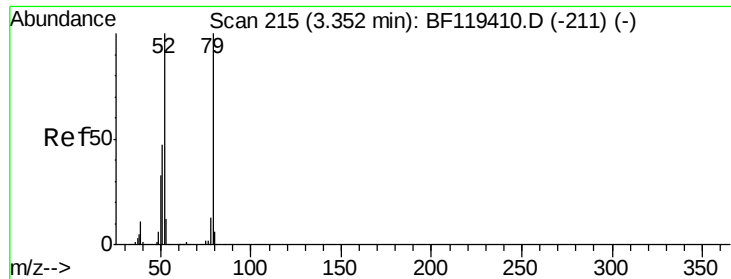
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#2
 1,4-Dioxane
 Concen: 44.901 ng
 RT: 2.76 min Scan# 114
 Delta R.T. 0.24 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.3	80.6	121.0
43	0.0	27.5	41.3





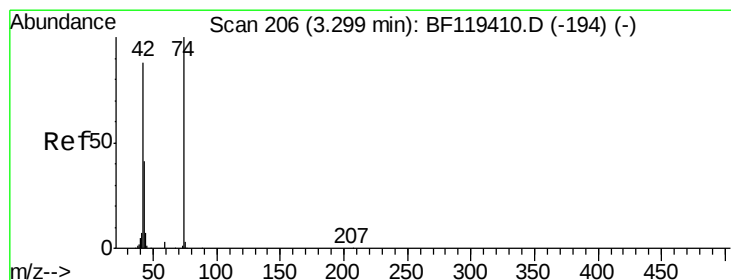
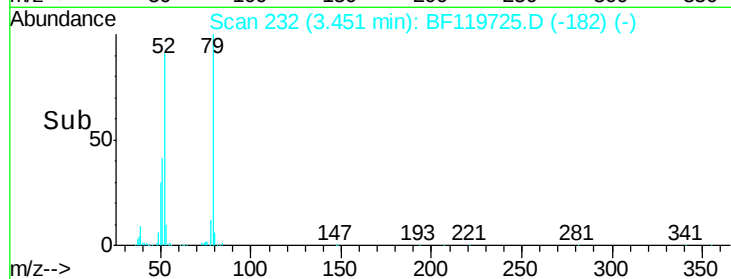
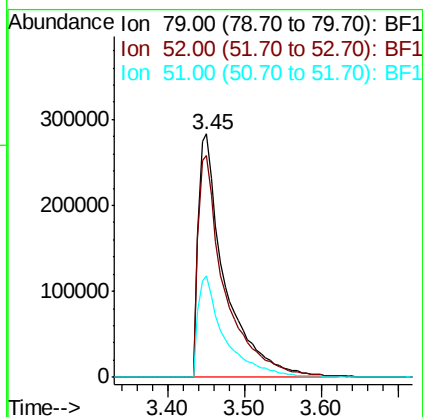
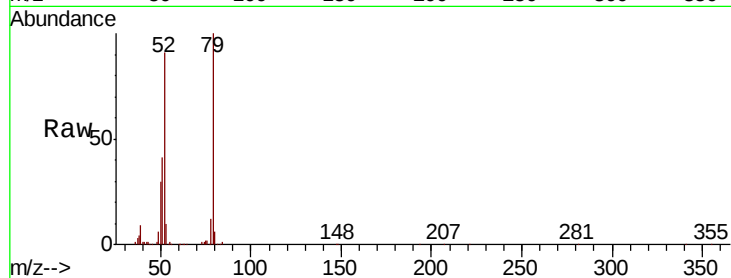
#3
 Pvridine
 Concen: 38.367 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.19 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.1	80.2	120.2
51	41.5	37.7	56.5

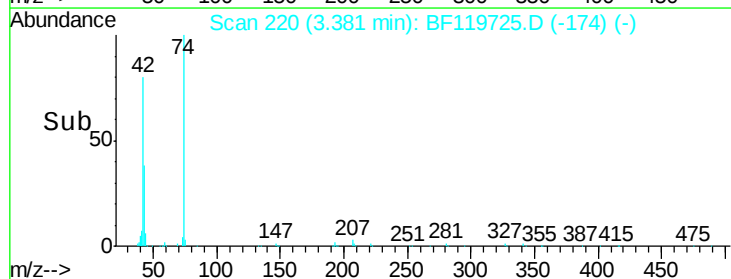
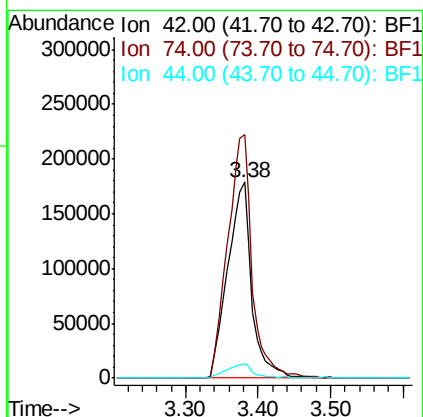
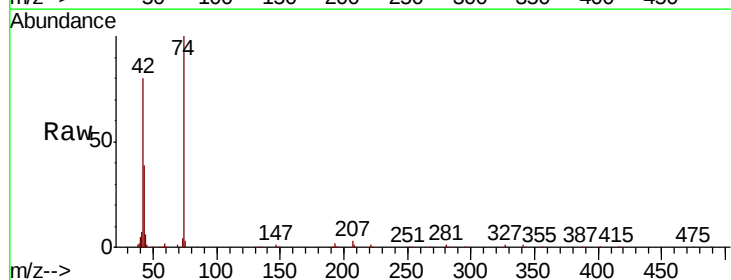
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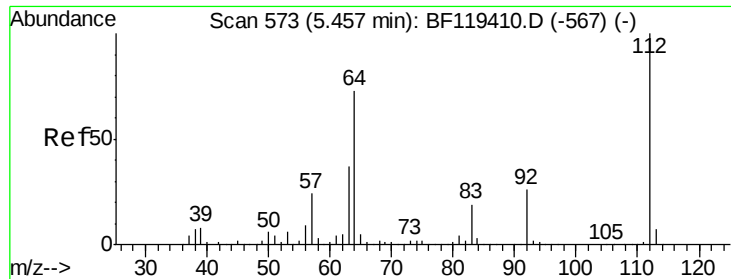
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#4
 n-Nitrosodimethylamine
 Concen: 47.572 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.17 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.2	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 144.883 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion: 112 Resp: 1892900

Ion Ratio Lower Upper

112 100

64 69.1 56.7 85.1

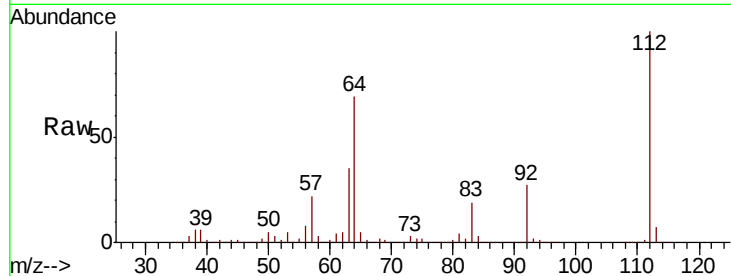
63 34.9 29.5 44.3

Manual Integrations

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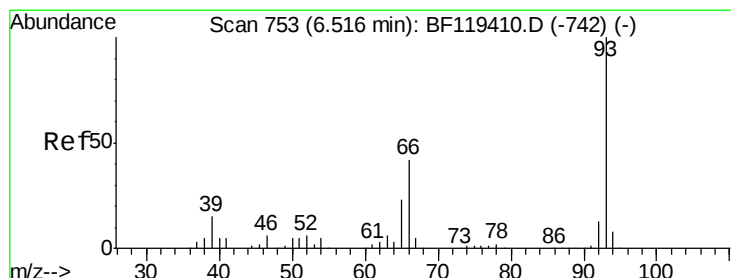
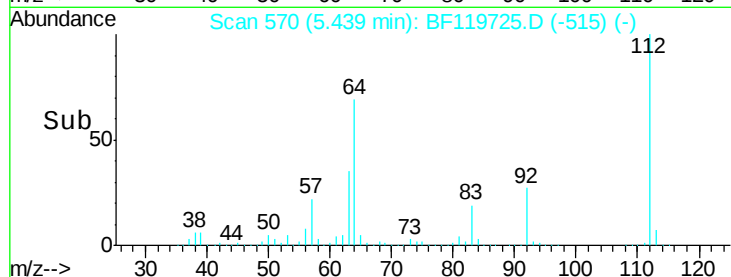
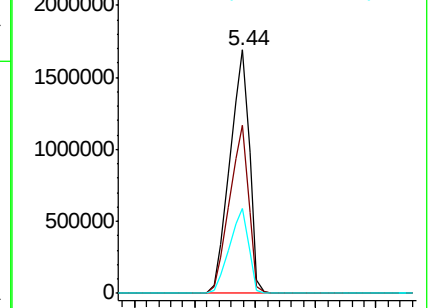
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.221 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

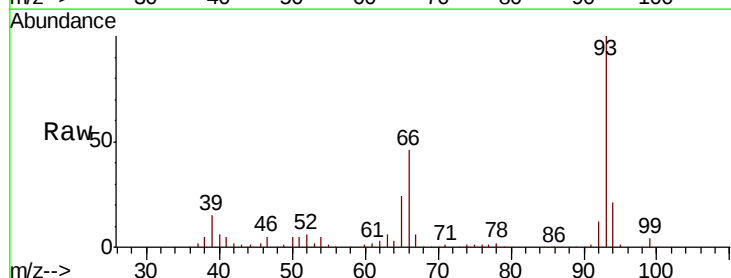
Tgt Ion: 93 Resp: 488808

Ion Ratio Lower Upper

93 100

66 45.8 34.9 52.3

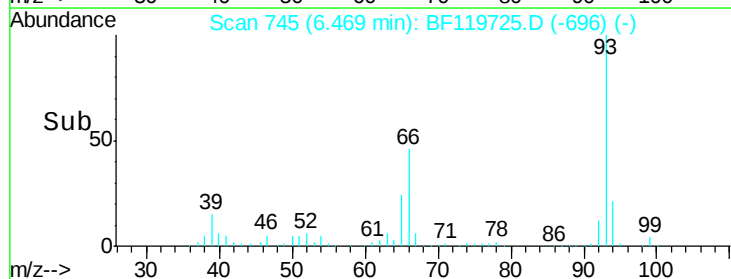
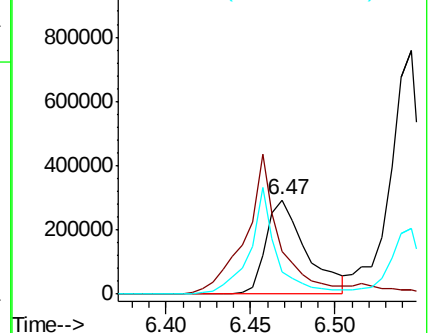
65 24.2 18.6 27.8

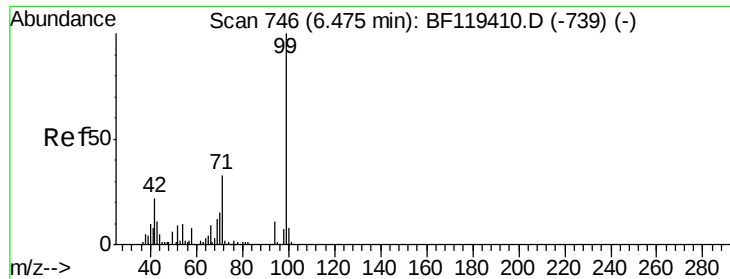


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.104 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion: 99 Resp: 2271539

Ion Ratio Lower Upper

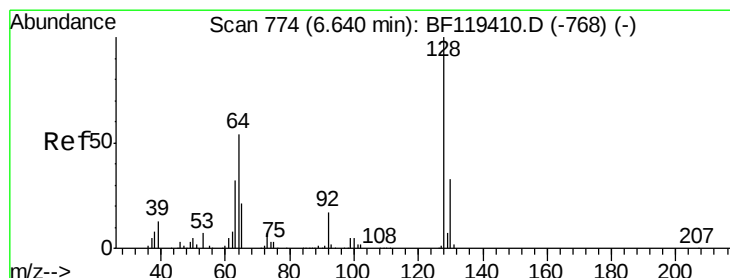
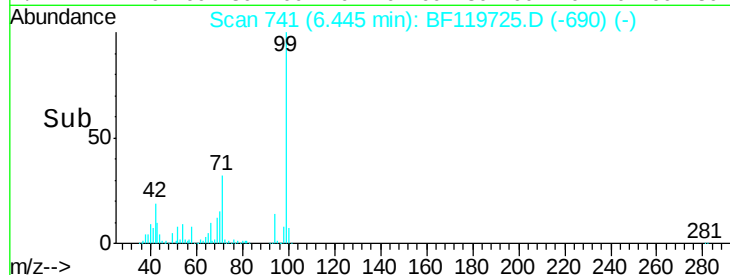
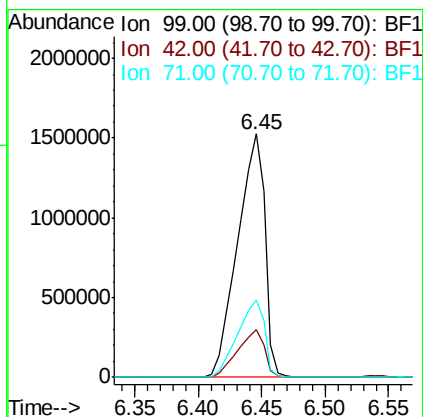
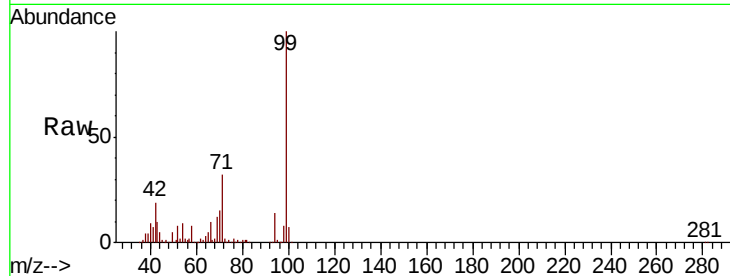
99 100

42 19.5 16.6 24.8

71 31.9 26.4 39.6

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#8

2-Chlorophenol

Concen: 60.255 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

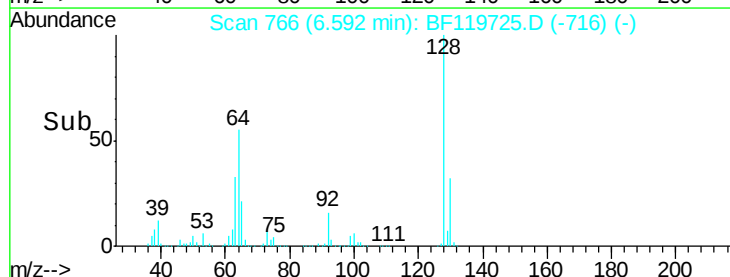
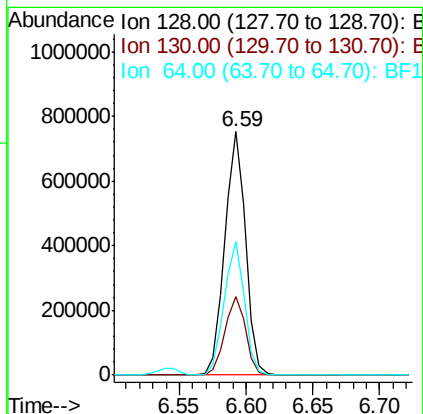
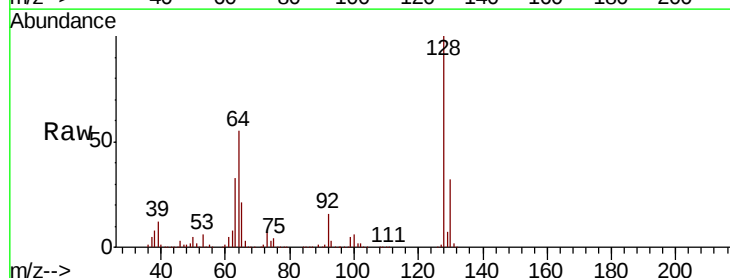
Tgt Ion: 128 Resp: 826825

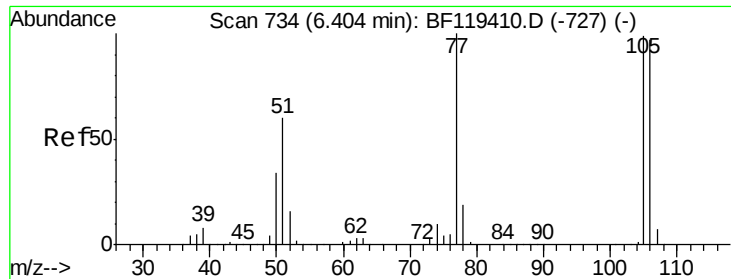
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 54.9 35.3 75.3





#9

Benzaldehyde

Concen: 27.573 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

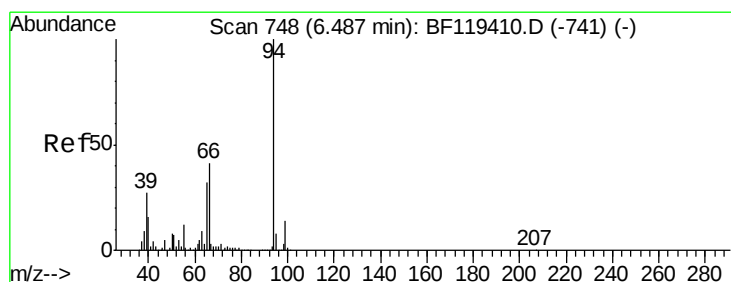
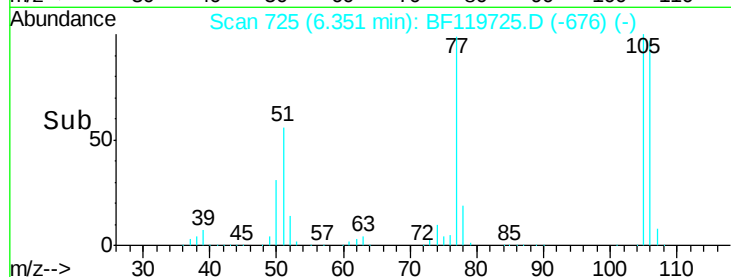
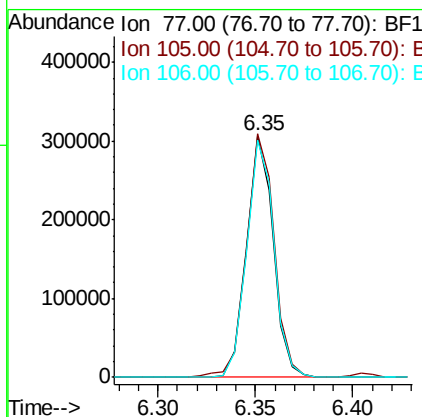
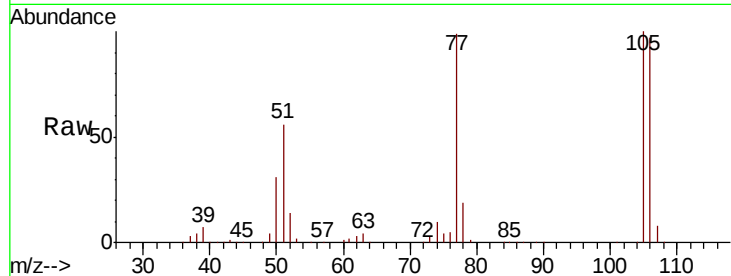
ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:	77	Resp:	291929
Ion	Ratio	Lower	Upper
77	100		
105	100.8	80.9	120.9
106	98.0	77.9	117.9

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#10

Phenol

Concen: 49.737 ng

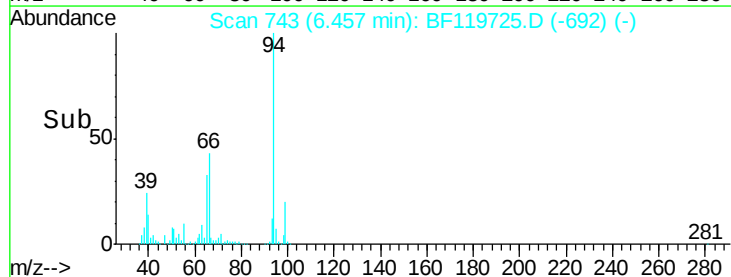
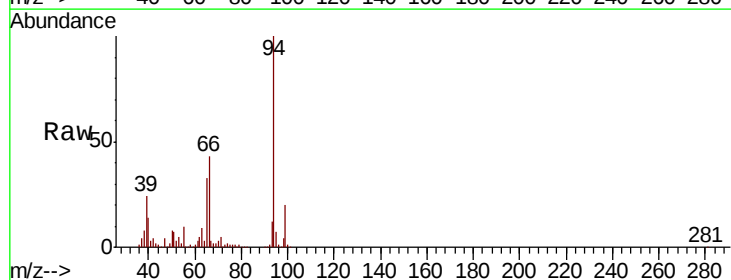
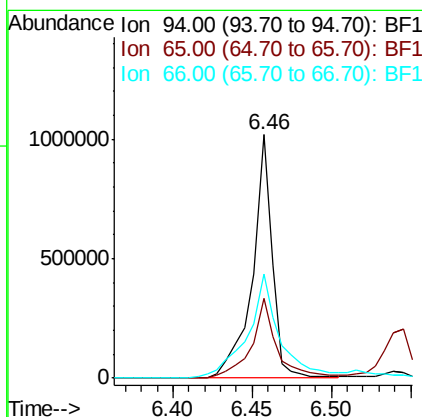
RT: 6.46 min Scan# 743

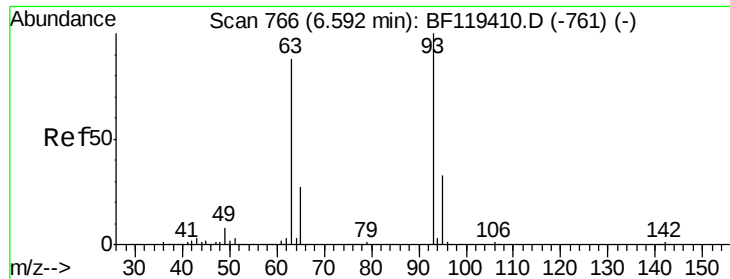
Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:	94	Resp:	885727
Ion	Ratio	Lower	Upper
94	100		
65	32.6	13.2	53.2
66	42.9	22.3	62.3





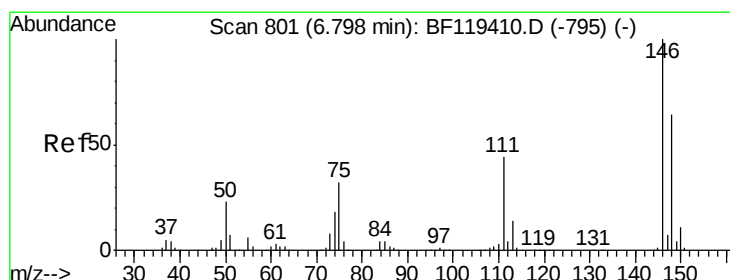
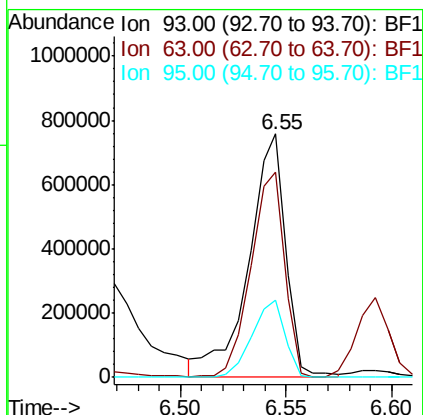
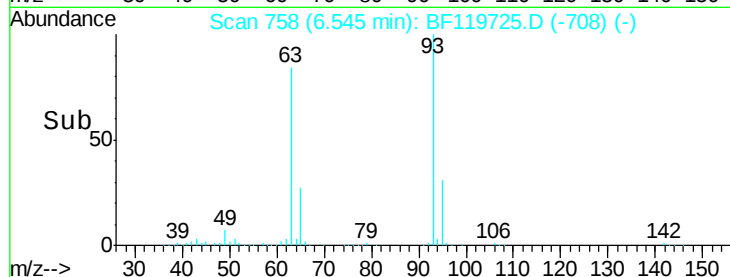
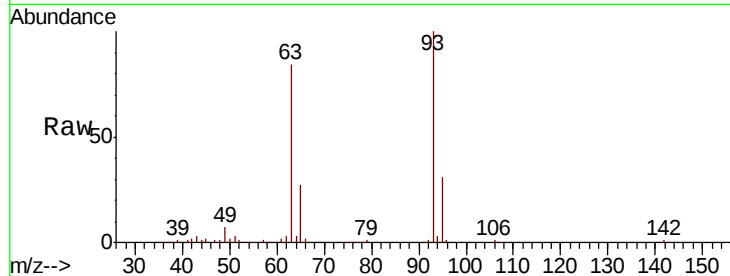
#11
bis(2-Chloroethyl)ether
Concen: 64.917 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.5	70.2	110.2
95	31.5	13.4	53.4

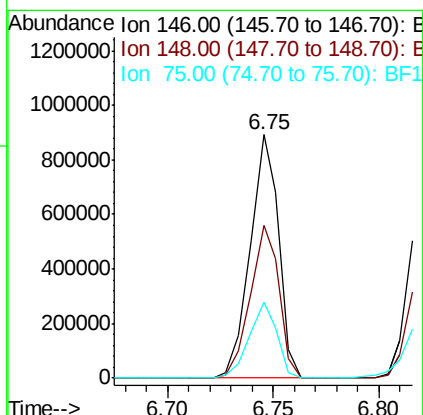
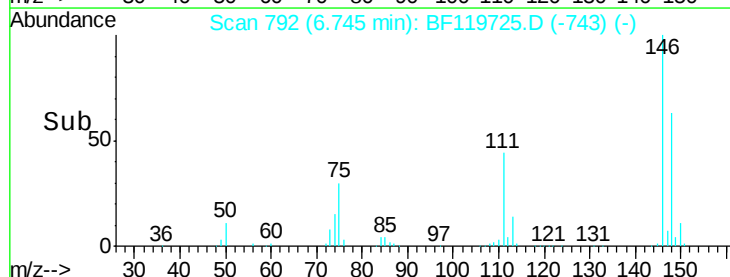
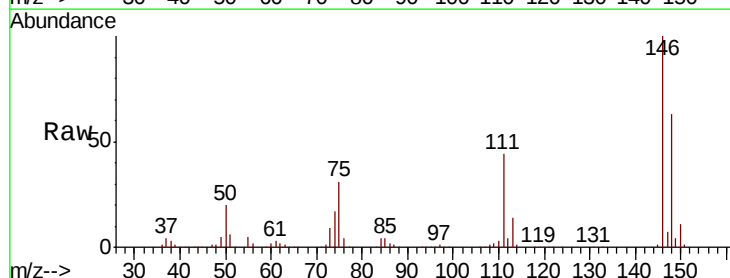
Manual Integrations
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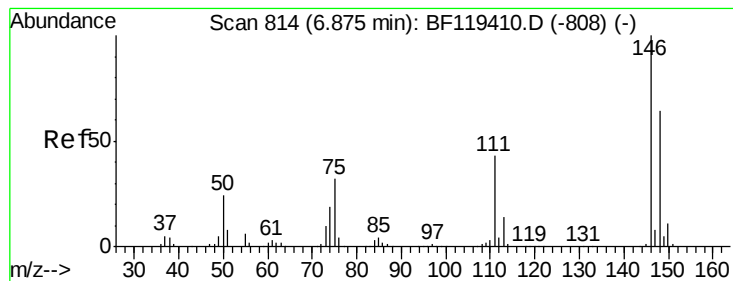
mohammad
4/6/2020 1:38:50 PM



#12
1,3-Dichlorobenzene
Concen: 56.310 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
75	31.1	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 56.658 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

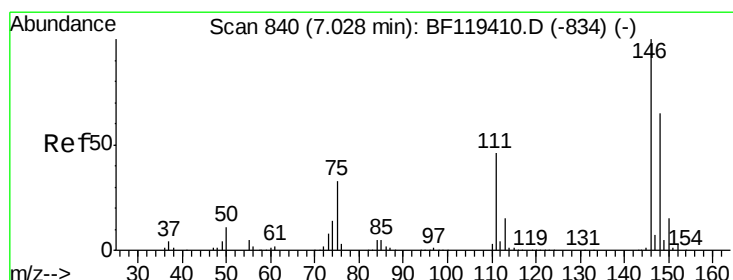
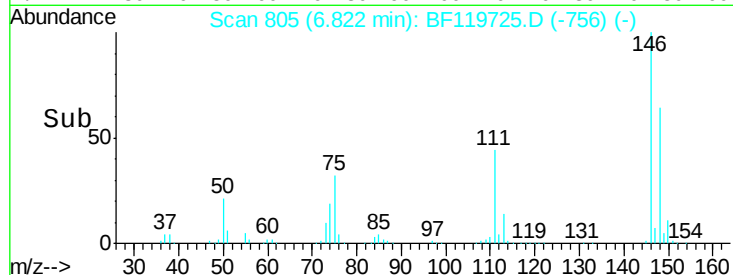
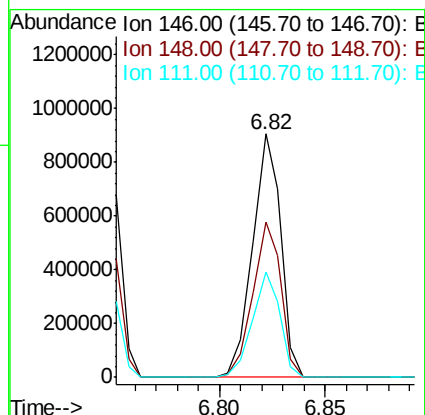
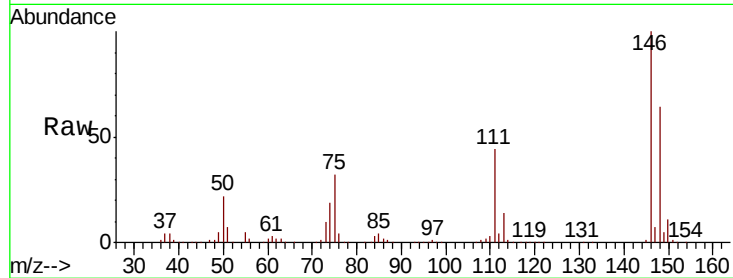
ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:	146	Resp:	841656
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.5	77.3
111	43.5	33.3	49.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 56.388 ng

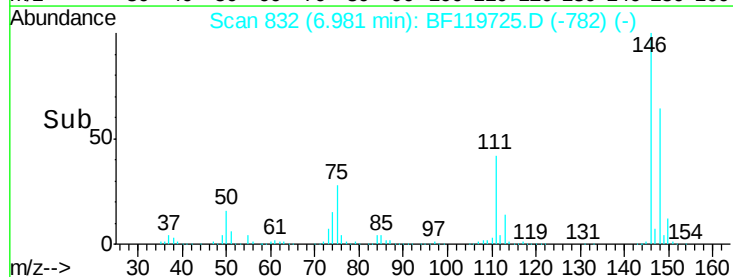
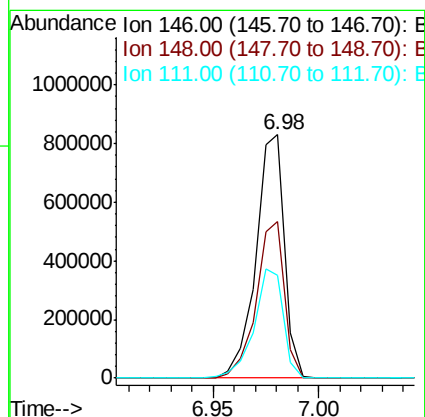
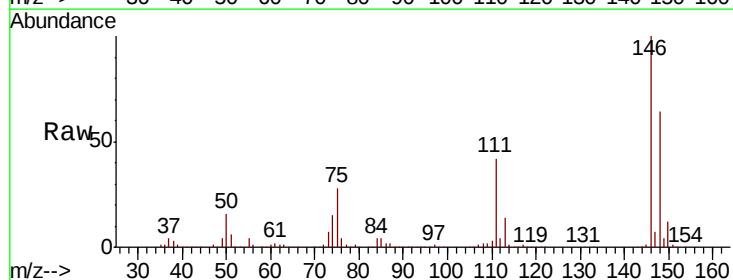
RT: 6.98 min Scan# 832

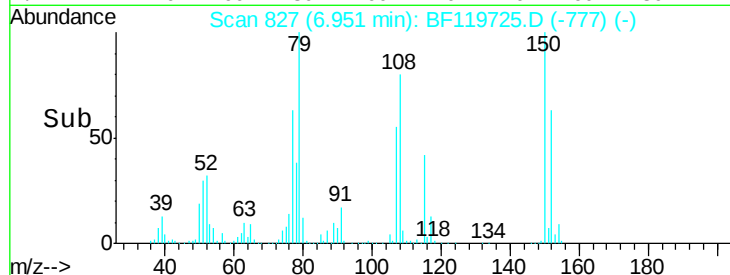
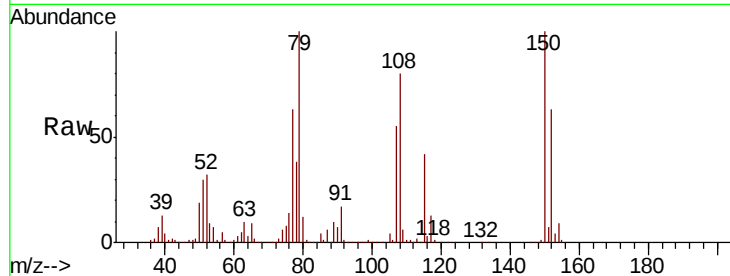
Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:	146	Resp:	782950
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	42.1	36.1	54.1





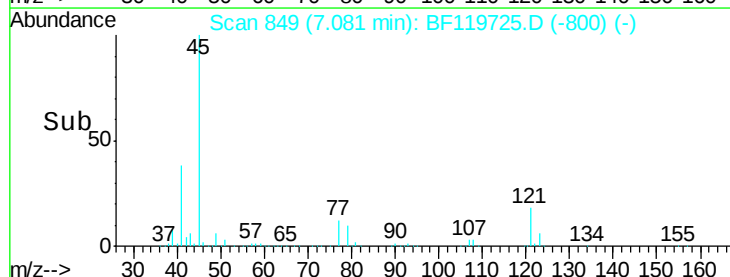
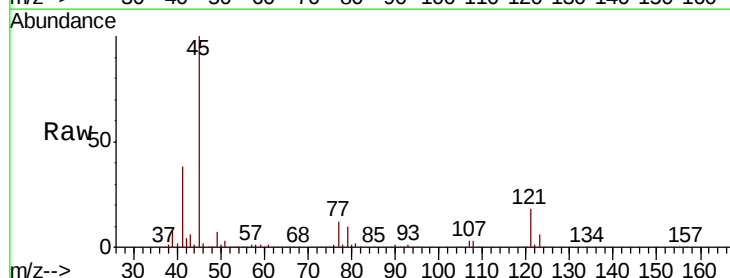
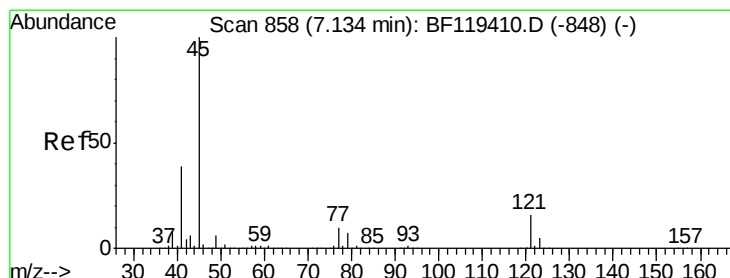
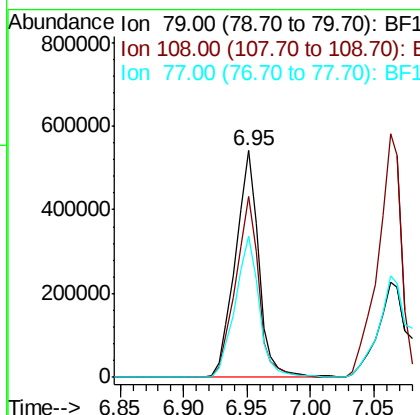
#15
Benzyl Alcohol
Concen: 54.791 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tot Ion	Ratio	Resp	Lower	Upper
79	100	687858		
108	80.1	60.6	90.8	
77	62.5	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

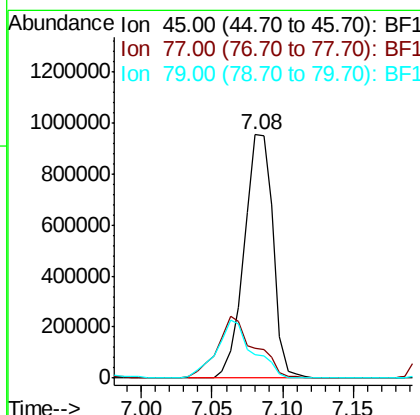
Manual Integrations
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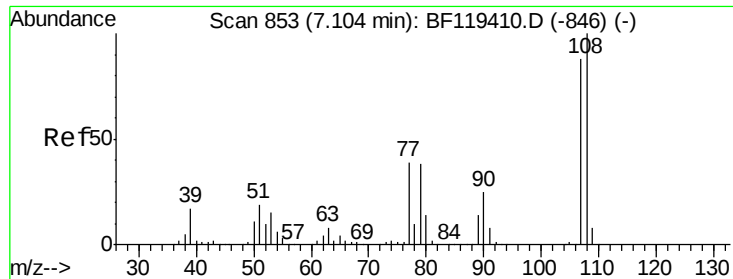
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.485 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1364177		
77	12.3	0.0	30.7	
79	9.6	0.0	28.2	





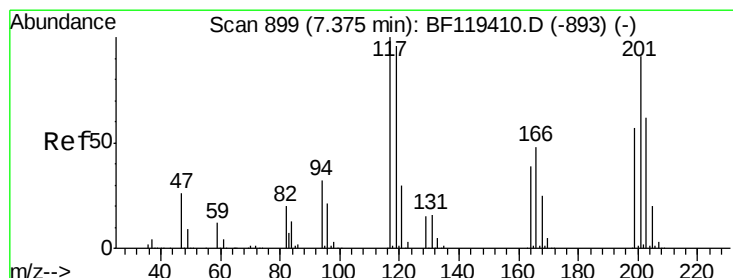
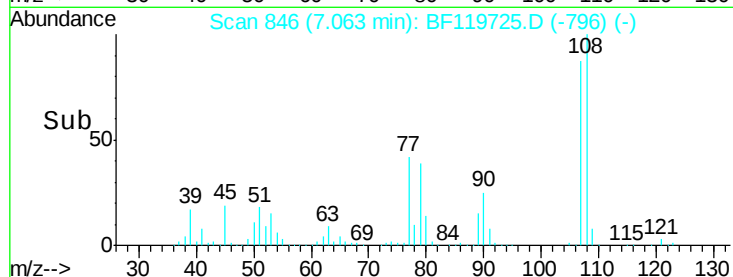
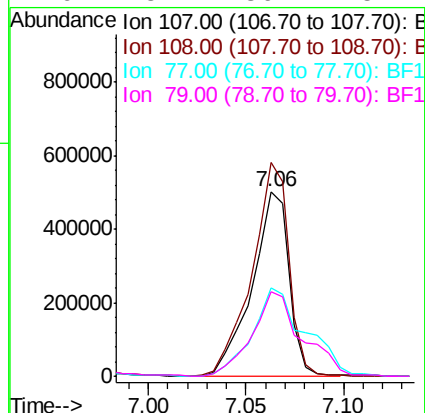
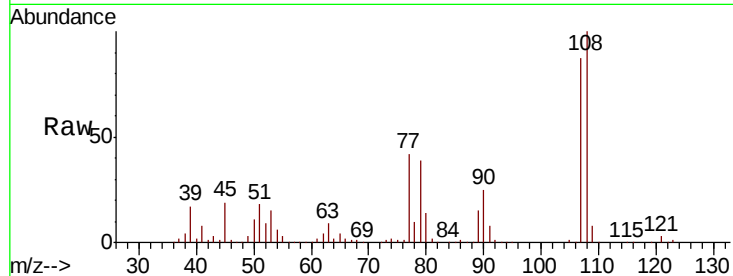
#17
2-Methylphenol
Concen: 52.408 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	92.2	138.4	
77	48.0	36.6	54.8	
79	45.4	36.2	54.4	

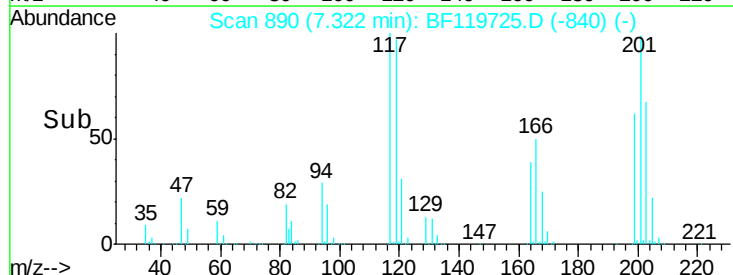
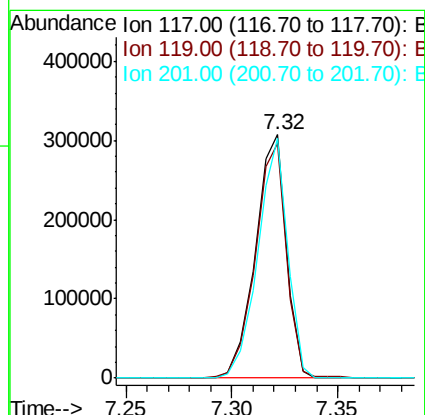
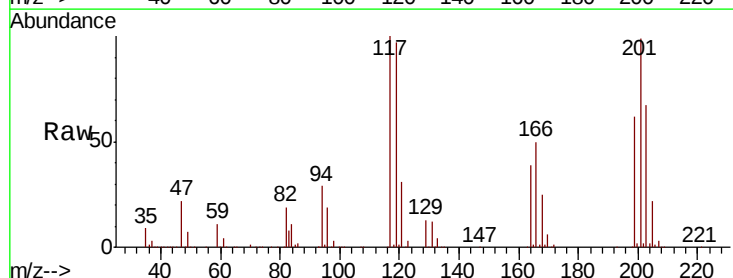
Manual Integrations
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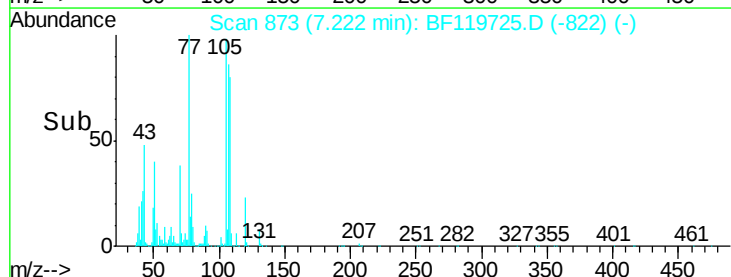
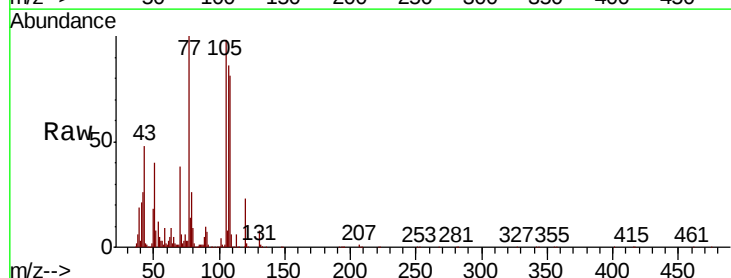
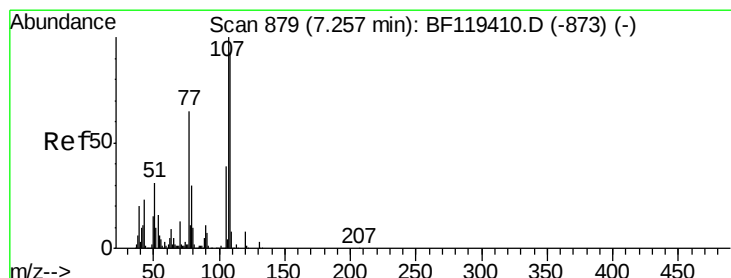
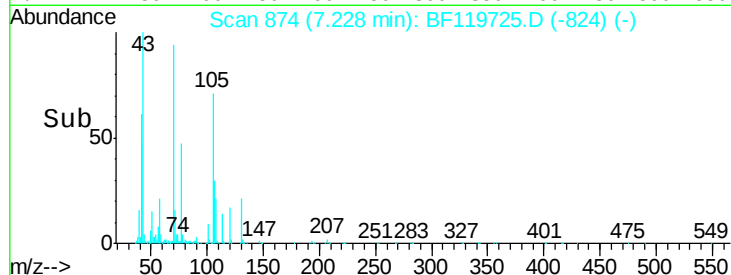
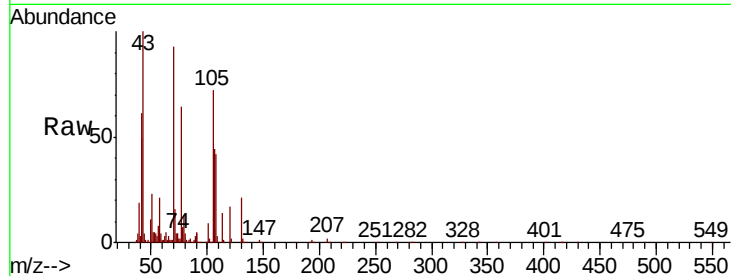
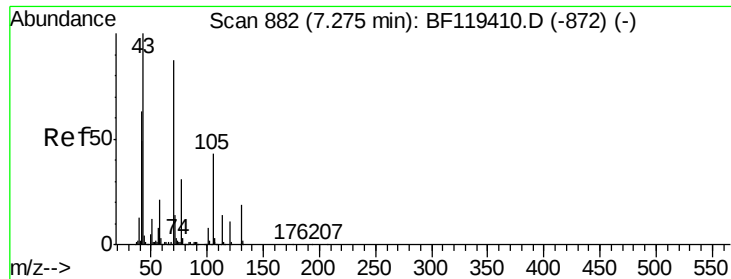
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#18
Hexachloroethane
Concen: 57.527 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

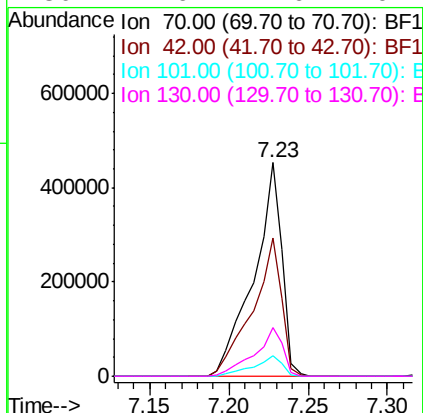
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.1	114.1	
201	98.5	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 55.944 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.5	81.7
101	9.6	7.6	11.4
130	22.6	17.6	26.4



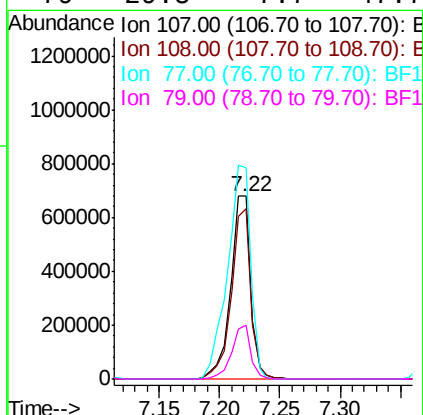
Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

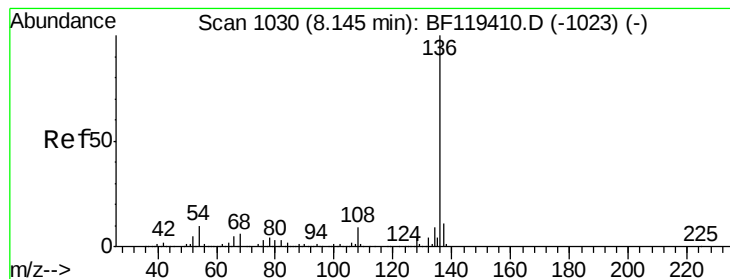
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#20
3+4-Methylphenols
Concen: 51.030 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	67.9	107.9
77	115.7	52.9	92.9#
79	29.5	7.7	47.7





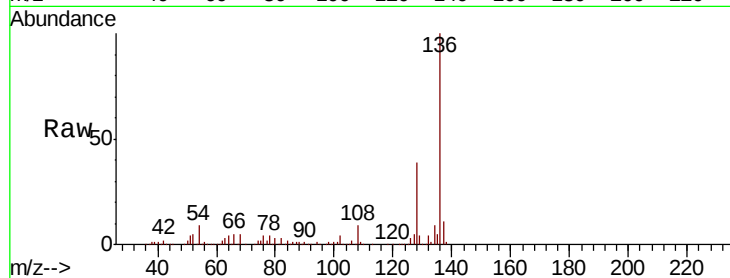
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	9.2	9.1	13.7	
68	5.3	4.6	6.8	

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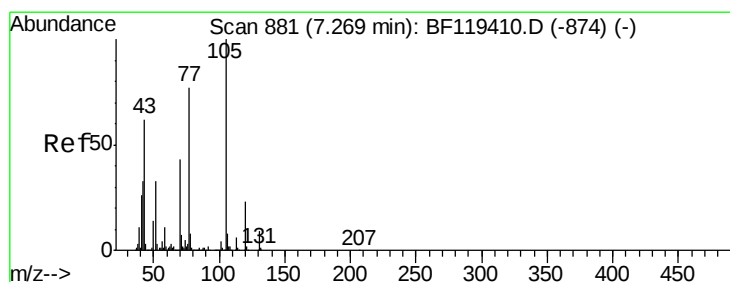
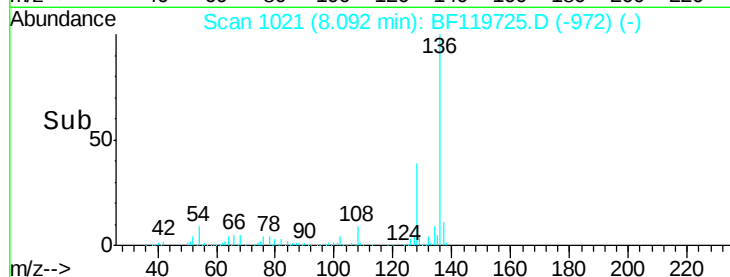
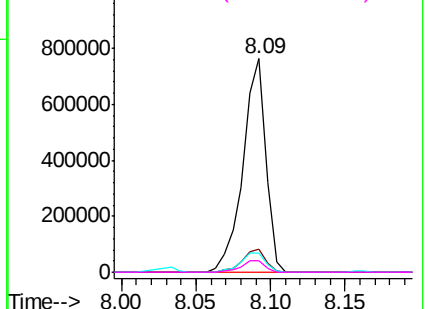
Abundance

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: 56.005 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	5.7	8.5	
51	40.7	26.2	39.4	
120	23.3	18.3	27.5	

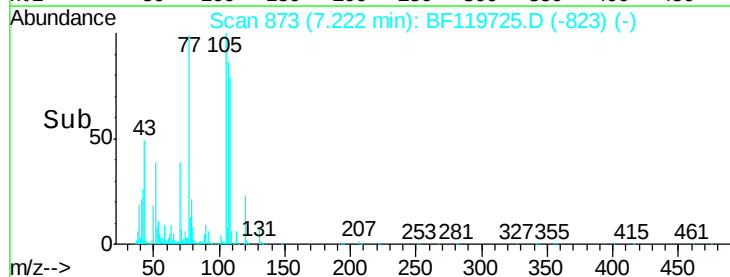
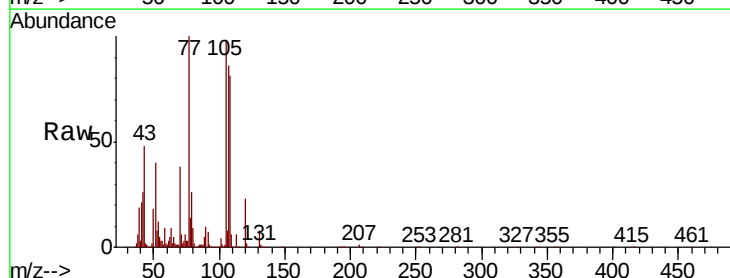
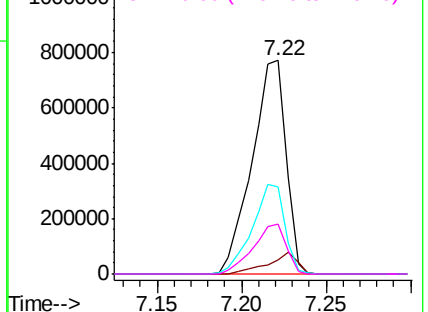
Abundance

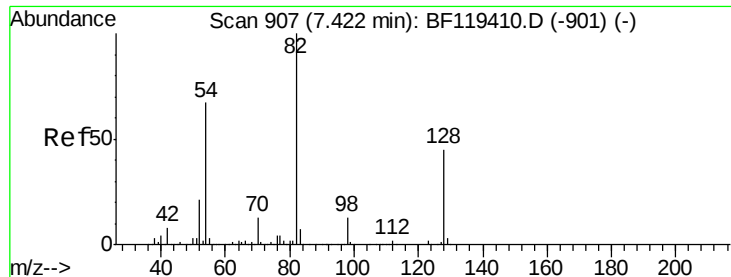
Ion 105.00 (104.70 to 105.70): E

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





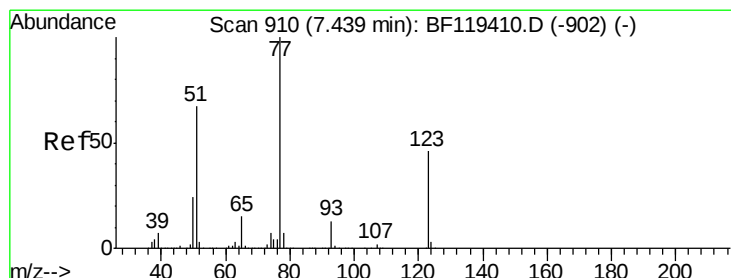
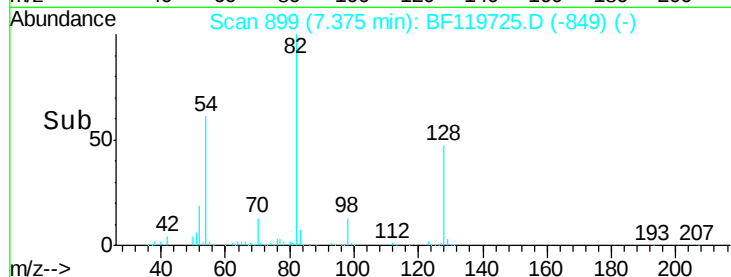
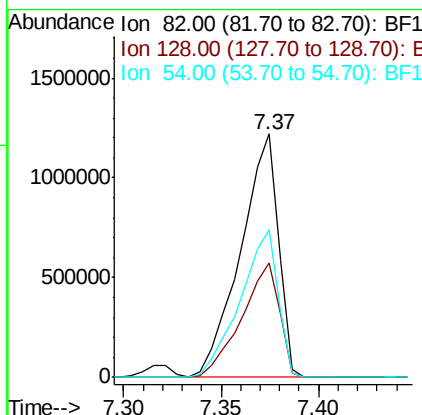
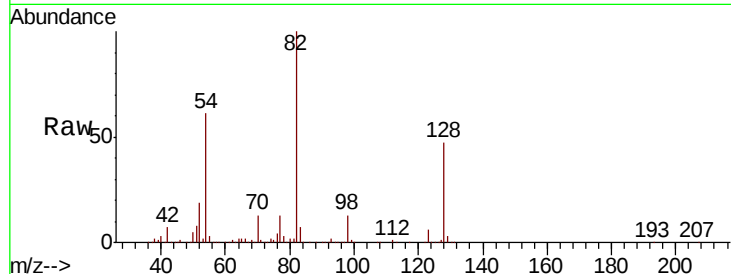
#23
 Nitrobenzene-d5
 Concen: 109.915 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion: 82 Resp: 1637807
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 60.8 50.6 75.8

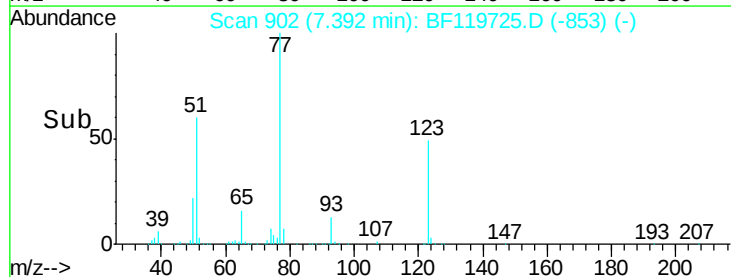
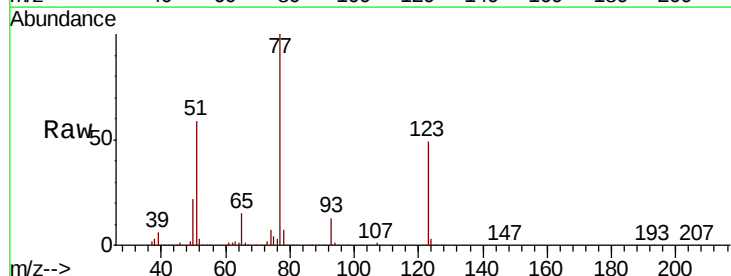
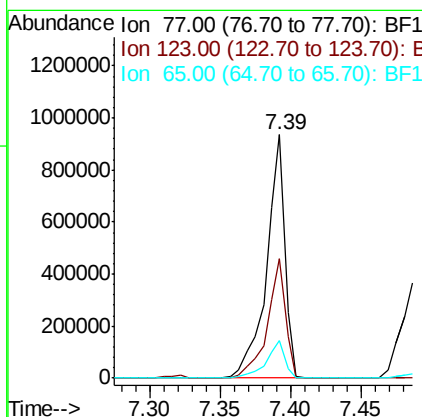
Manual Integrations
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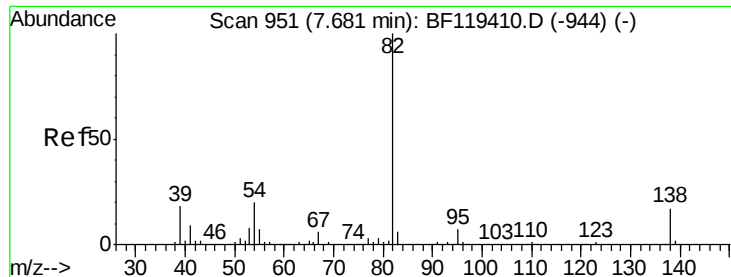
mohammad
 4/6/2020 1:38:50 PM



#24
 Nitrobenzene
 Concen: 53.998 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion: 77 Resp: 859868
 Ion Ratio Lower Upper
 77 100
 123 49.2 38.0 57.0
 65 15.5 12.6 18.8





#25

Isophorone

Concen: 52.608 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion: 82 Resp: 1590156

Ion Ratio Lower Upper

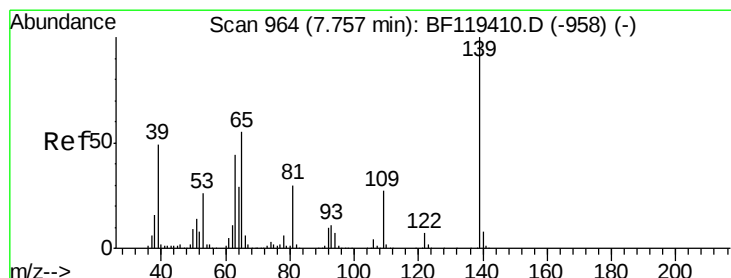
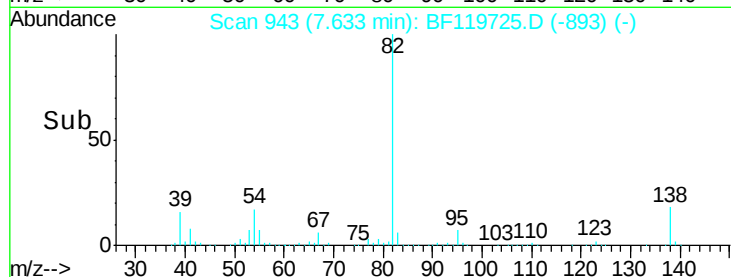
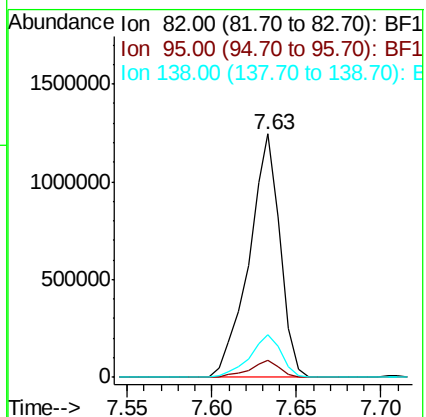
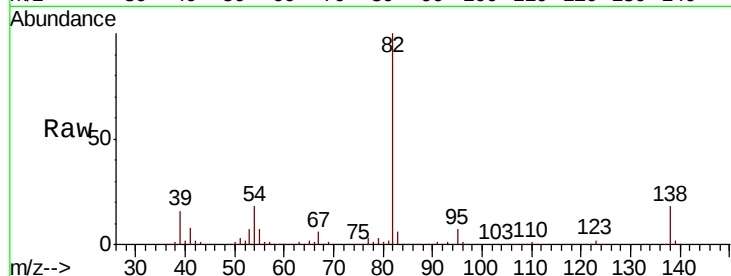
82 100

95 6.9 5.8 8.6

138 17.7 14.6 21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 72.511 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

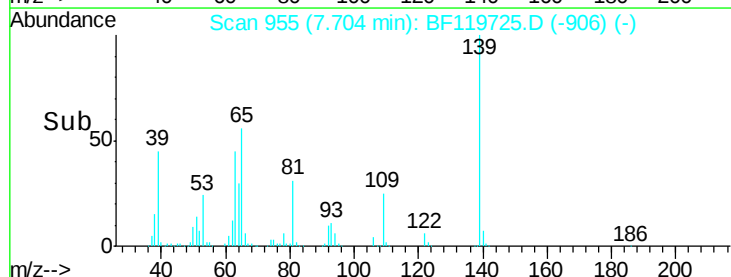
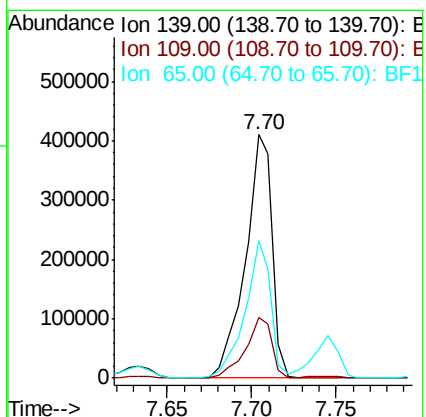
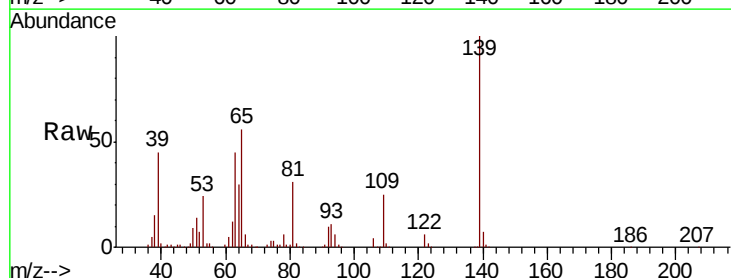
Tgt Ion: 139 Resp: 454644

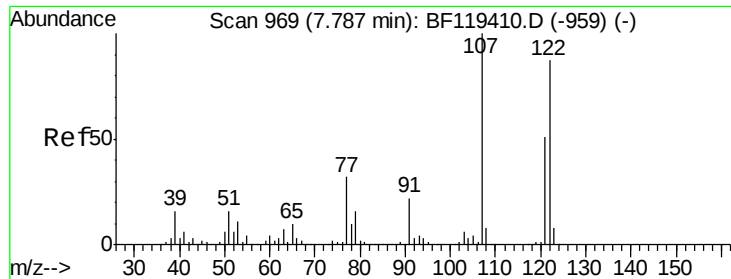
Ion Ratio Lower Upper

139 100

109 25.1 22.1 33.1

65 56.3 49.2 73.8





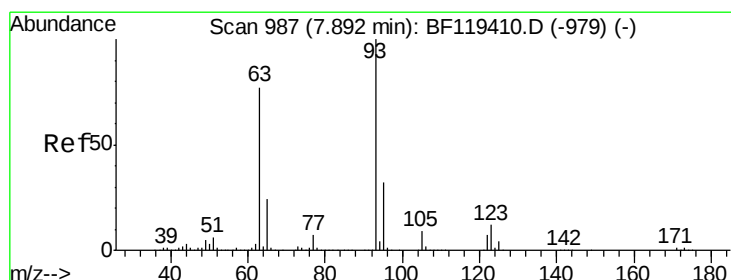
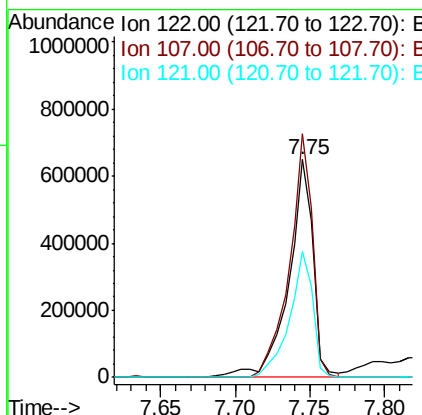
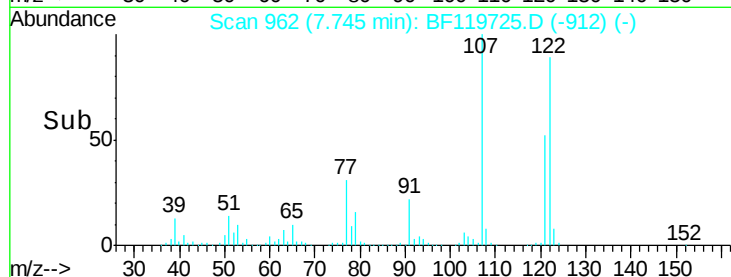
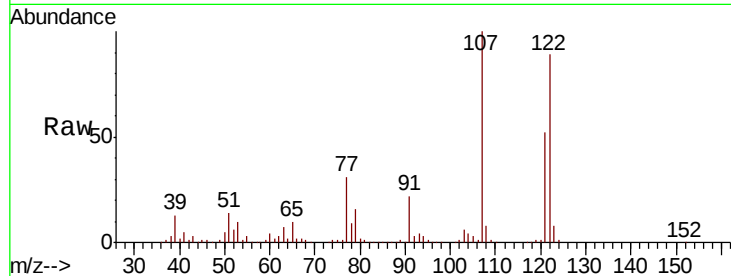
#27
2,4-Dimethylphenol
Concen: 57.402 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.0	133.6
121	57.9	46.7	70.1

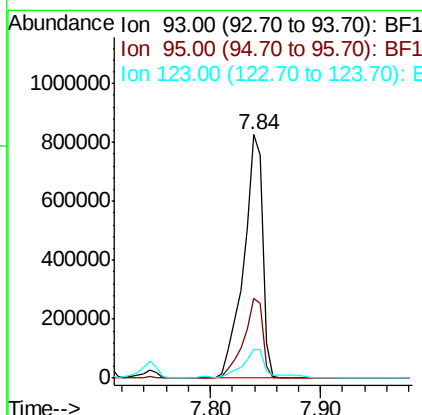
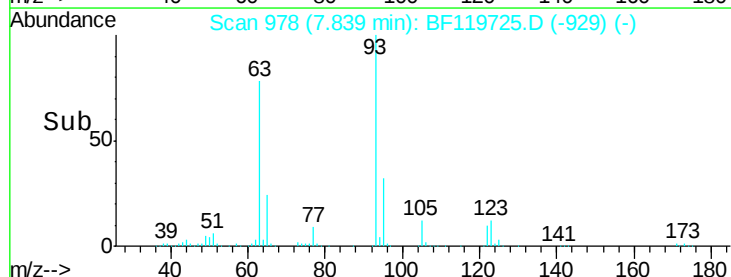
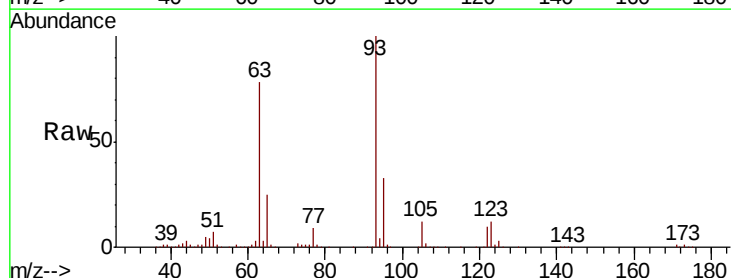
Manual Integrations
APPROVED

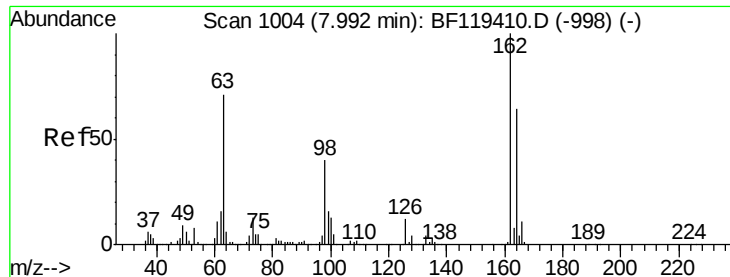
mohammad
4/6/2020 1:38:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.033 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.9	9.7	14.5





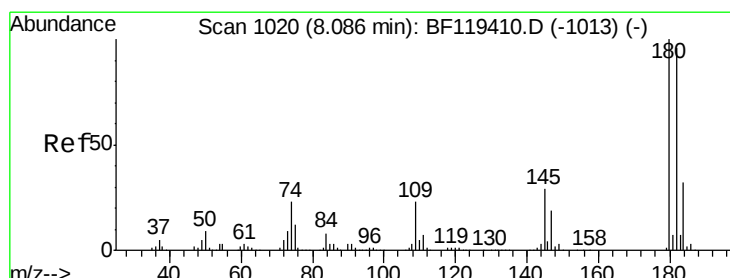
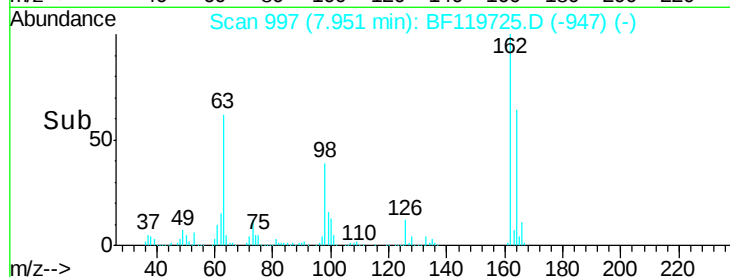
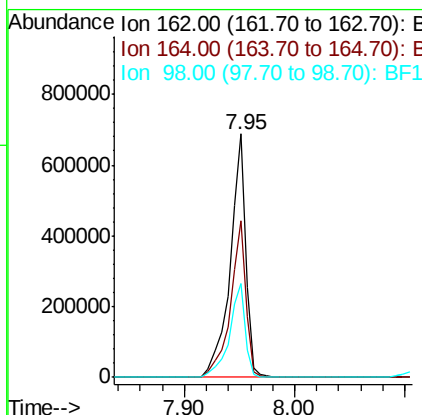
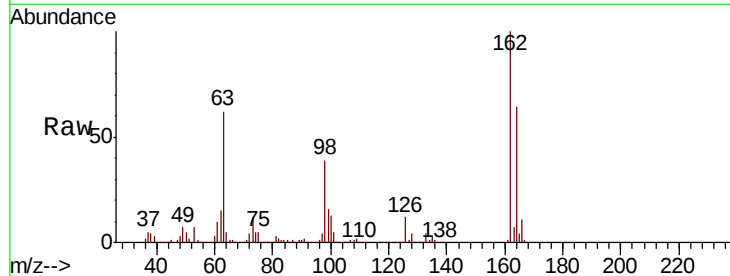
#29
2,4-Dichlorophenol
Concen: 57.459 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion:	162	Resp:	684481
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.7	84.7
98	38.6	20.7	60.7

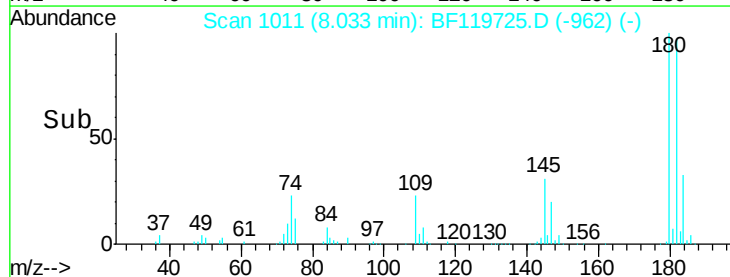
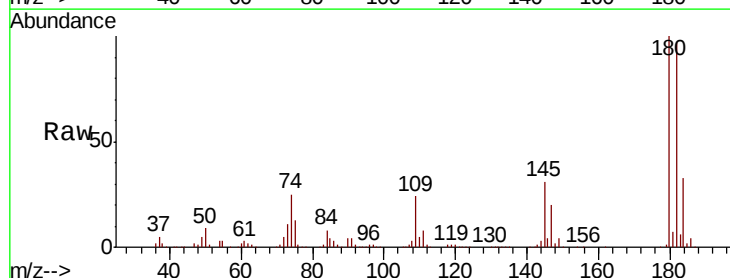
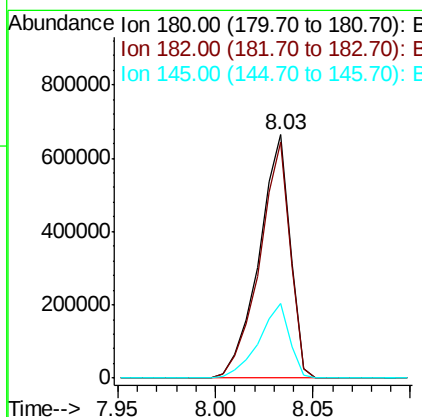
Manual Integrations
APPROVED

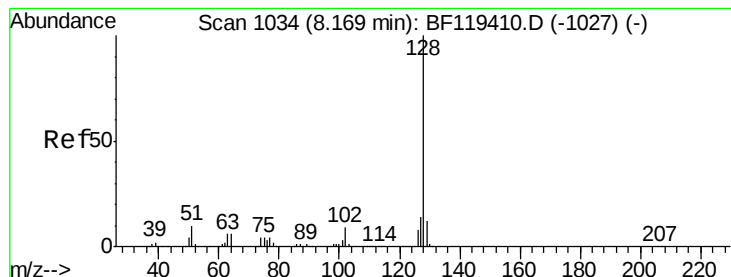
mohammad
4/6/2020 1:38:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 55.456 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:	180	Resp:	730585
Ion Ratio	Lower	Upper	
180	100		
182	96.9	74.7	112.1
145	30.7	24.5	36.7





#31

Naphthalene

Concen: 57.323 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:128 Resp: 2388883

Ion Ratio Lower Upper

128 100

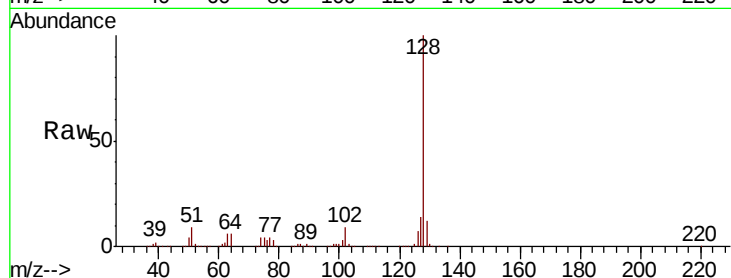
129 11.6 9.5 14.3

127 13.6 11.3 16.9

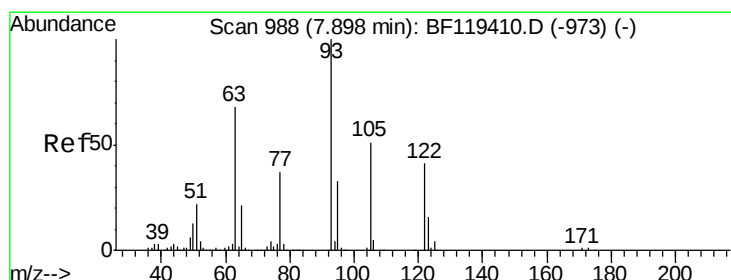
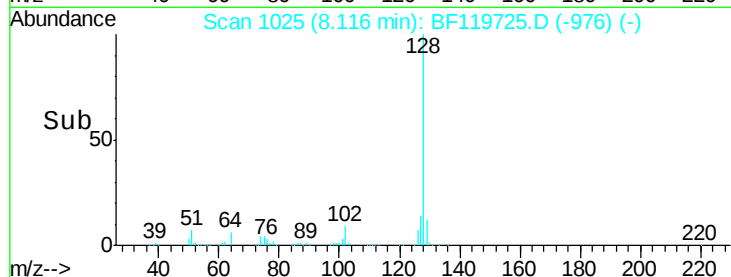
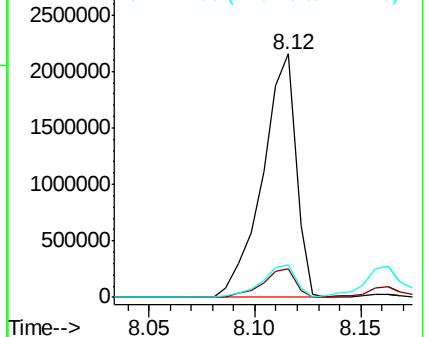
Manual Integrations
APPROVED

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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: 64.444 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

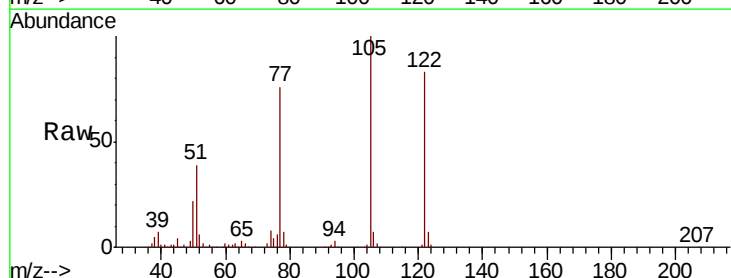
Tgt Ion:122 Resp: 537442

Ion Ratio Lower Upper

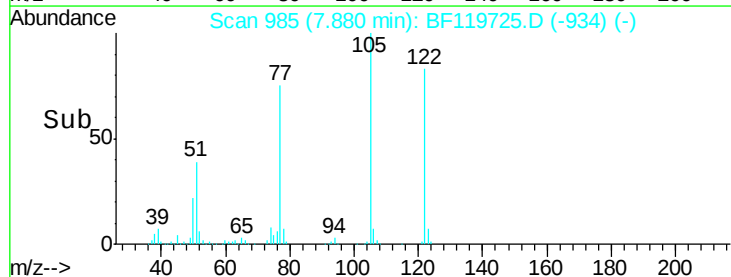
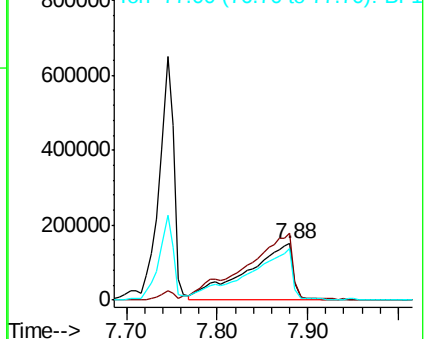
122 100

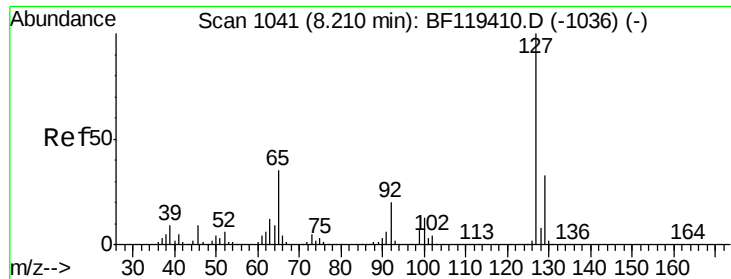
105 120.2 104.9 144.9

77 91.5 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





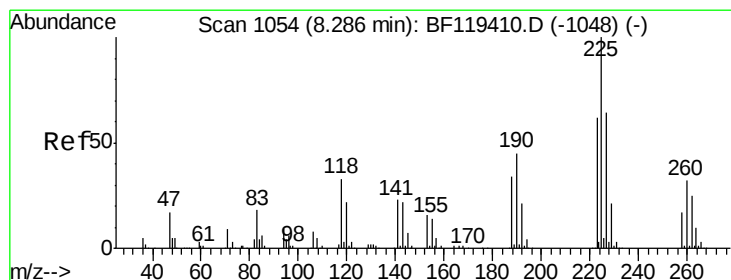
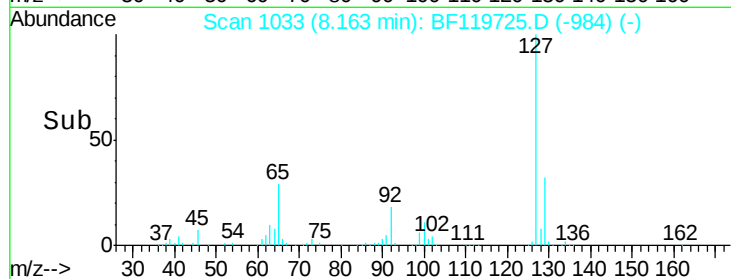
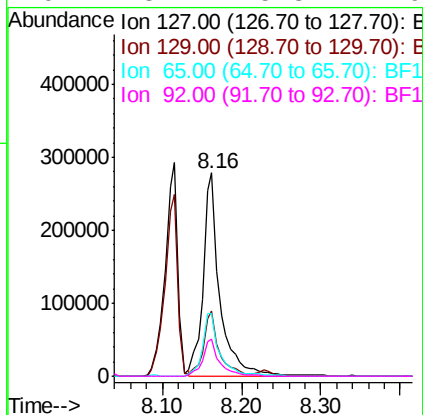
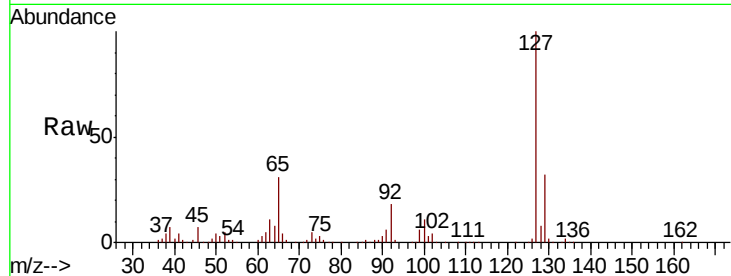
#33
4-Chloroaniline
Concen: 21.373 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		408137		
129	32.3	26.2	39.4		
65	30.8	27.4	41.0		
92	18.2	15.3	22.9		

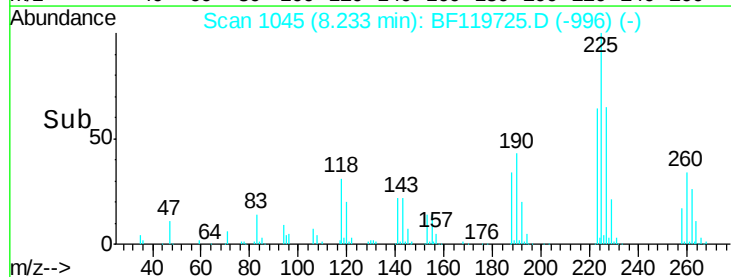
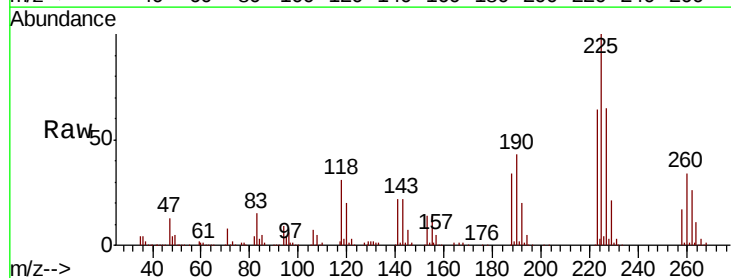
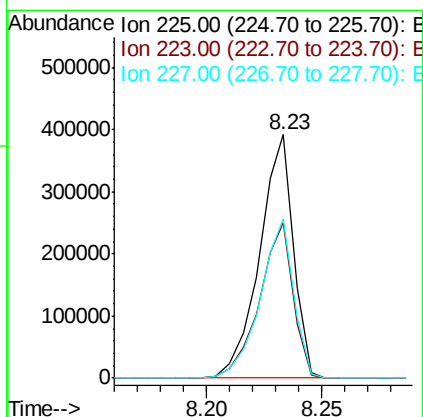
Manual Integrations
APPROVED

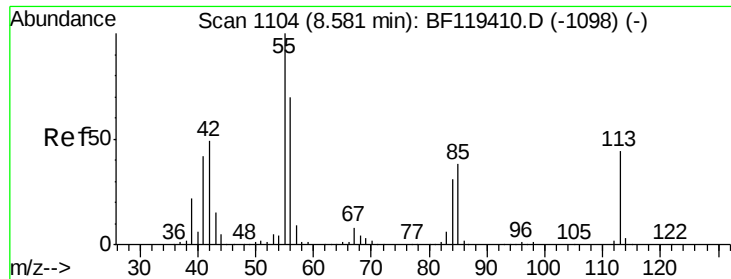
mohammad
4/6/2020 1:38:50 PM



#34
Hexachlorobutadiene
Concen: 54.054 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		398428		
223	63.8	51.0	76.6		
227	65.5	50.7	76.1		





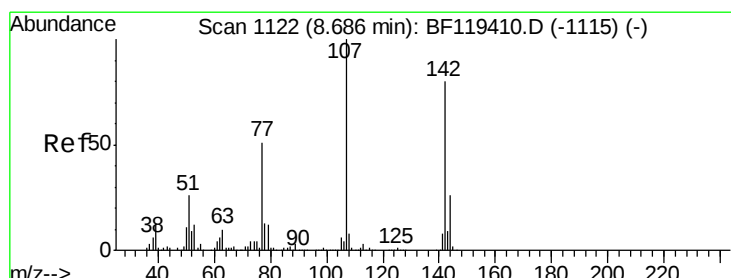
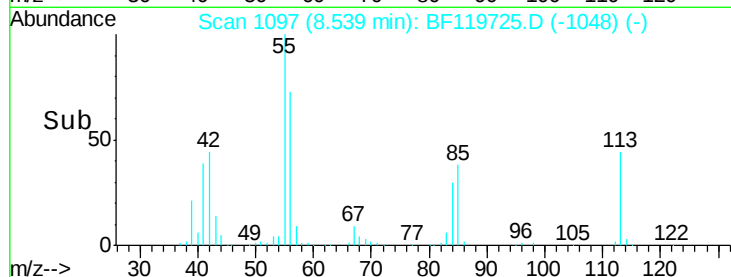
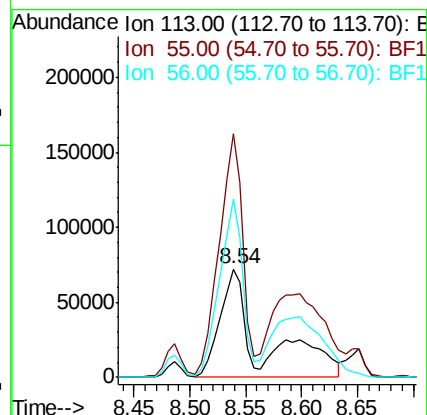
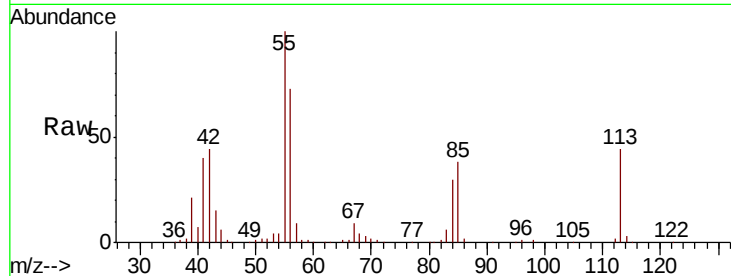
#35
Caprolactam
Concen: 47.953 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	224.9	218.4	258.4	
56	164.7	148.9	188.9	

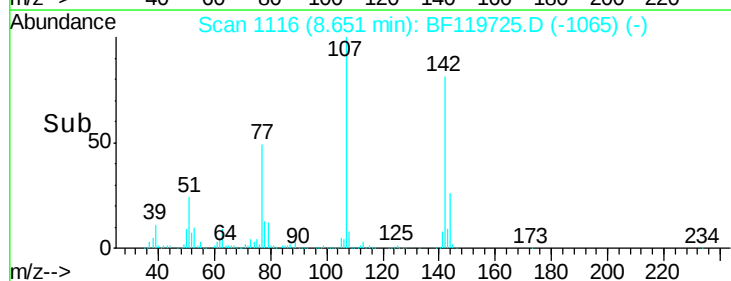
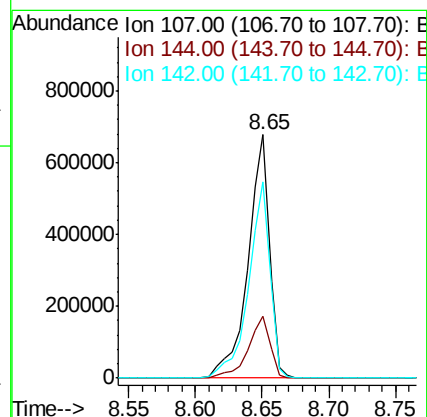
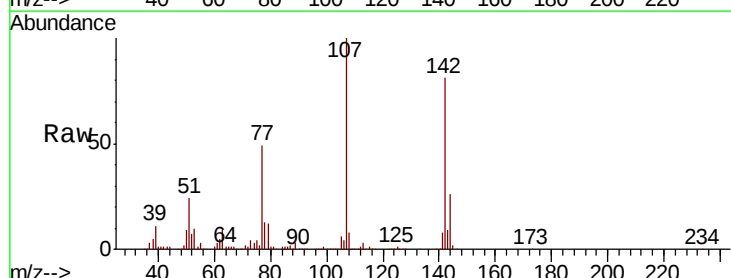
Manual Integrations
APPROVED

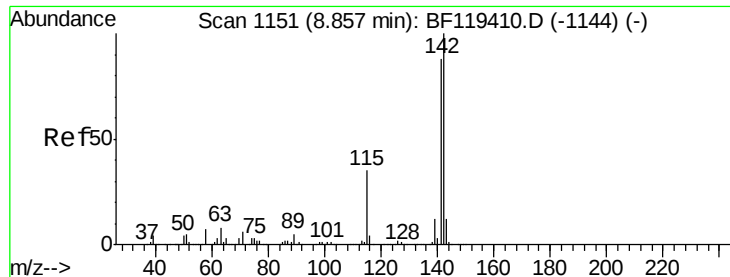
mohammad
4/6/2020 1:38:50 PM



#36
4-Chloro-3-methylphenol
Concen: 57.664 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.6	21.0	31.6	
142	80.6	64.4	96.6	





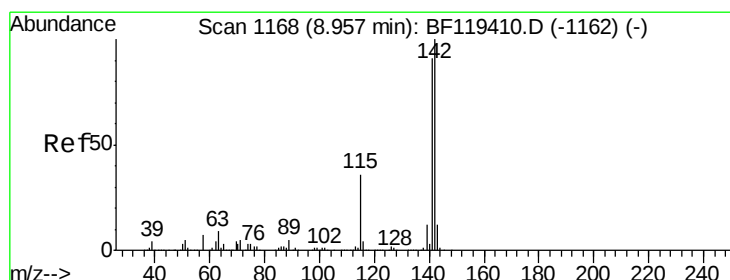
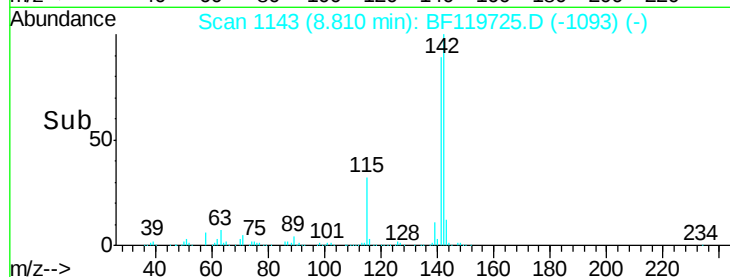
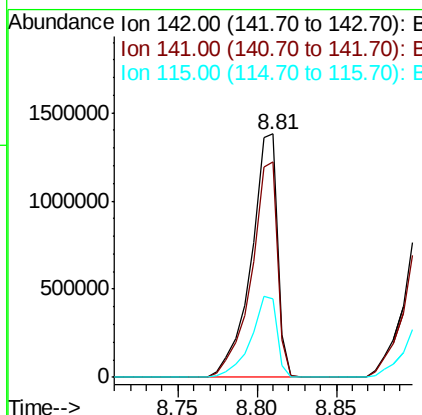
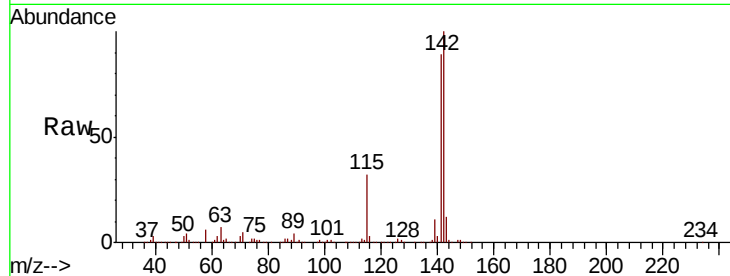
#37
2-Methylnaphthalene
Concen: 58.527 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.7	107.5
115	32.5	27.9	41.9

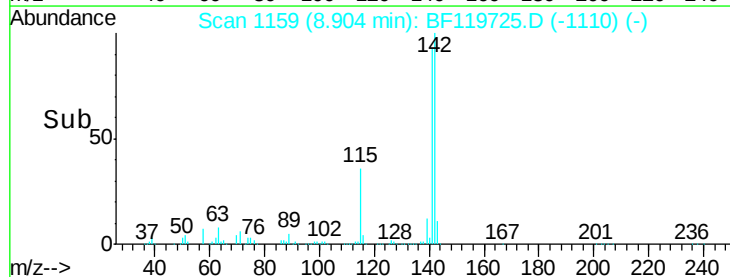
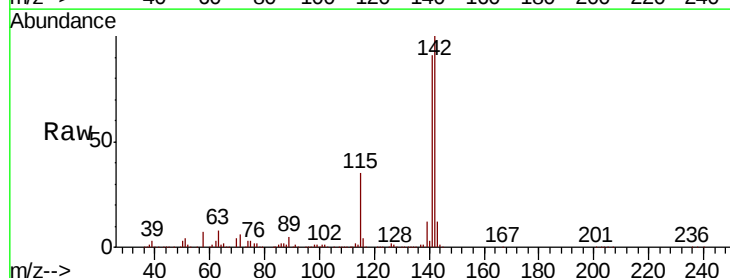
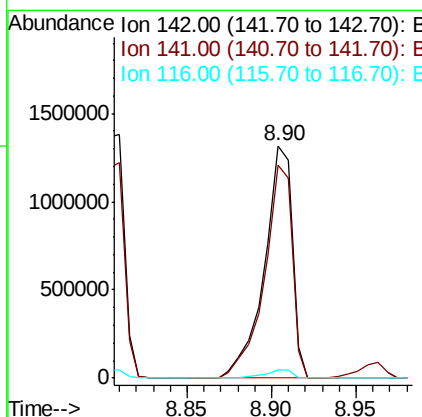
Manual Integrations
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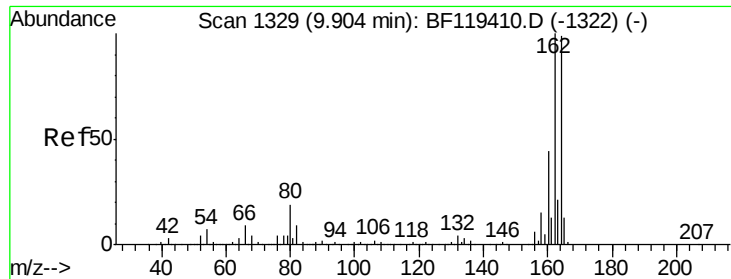
mohammad
4/6/2020 1:38:50 PM



#38
1-Methylnaphthalene
Concen: 58.181 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.7	3.0	4.6





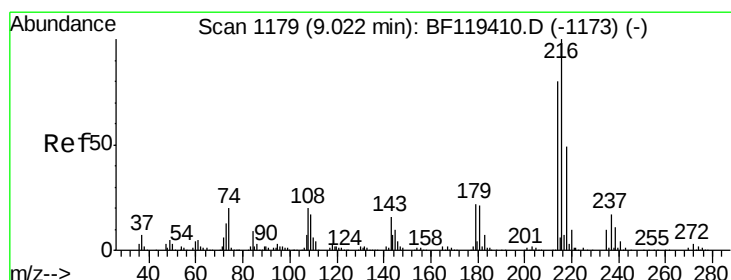
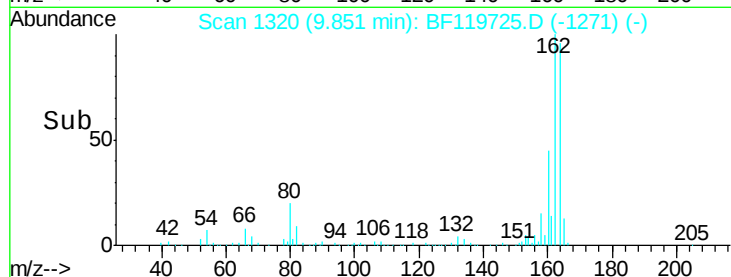
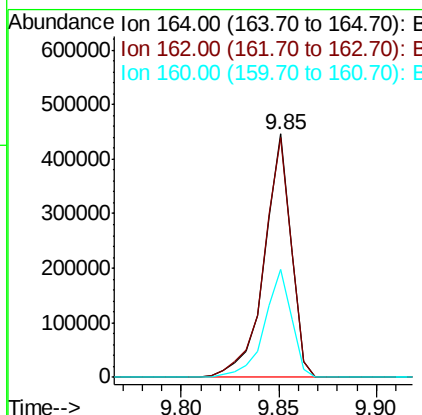
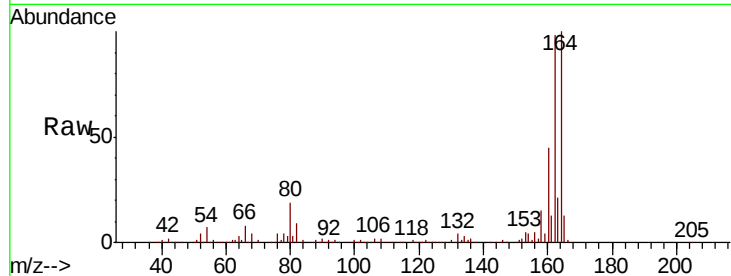
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.5	80.6	121.0	
160	44.5	35.7	53.5	

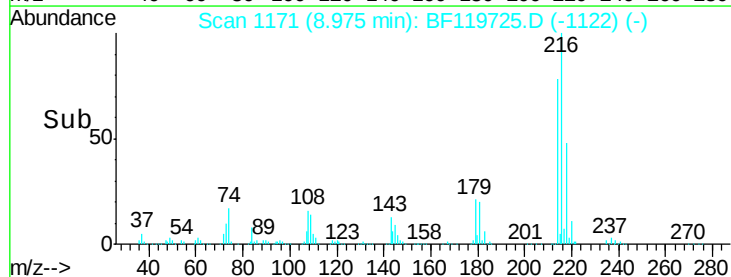
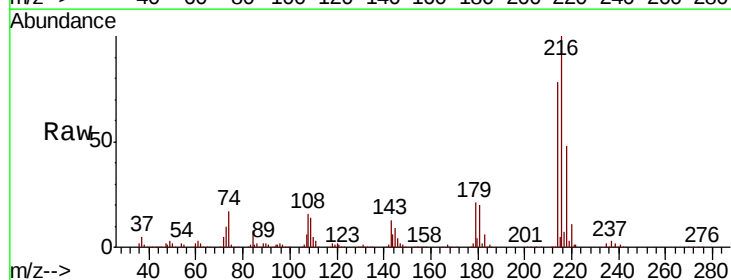
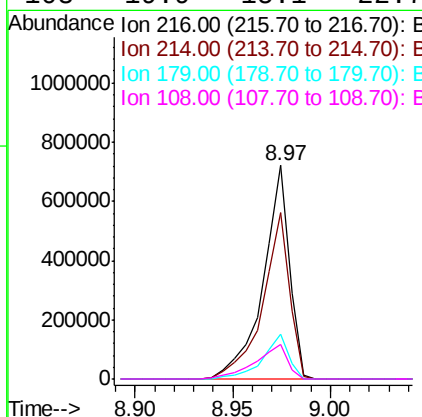
Manual Integrations
 APPROVED

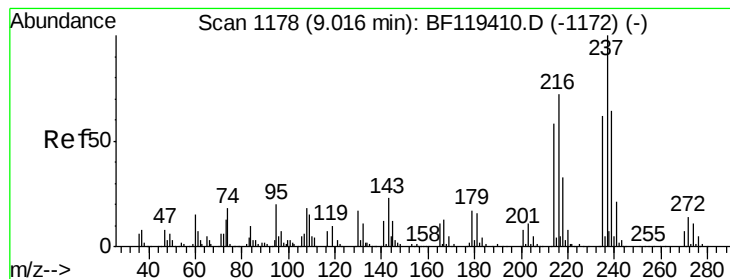
mohammad
 4/6/2020 1:38:50 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.252 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.2	94.8	
179	20.7	17.1	25.7	
108	19.9	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 106.568 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

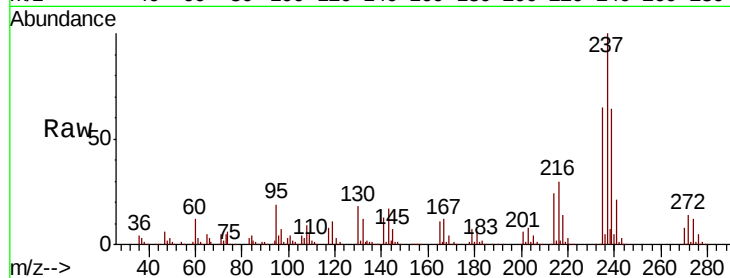
ClientSampleId :

239-WC-S-SB-01MSD

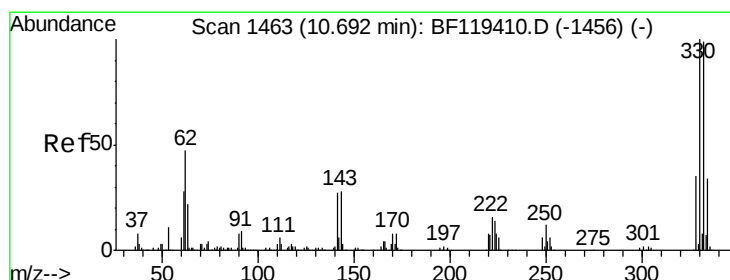
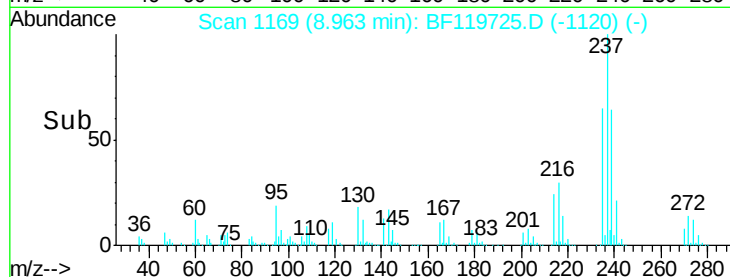
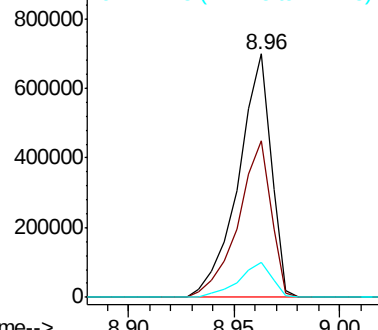
Tot Ion:	237	Resp:	753630
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.2	83.2
272	14.3	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 175.443 ng

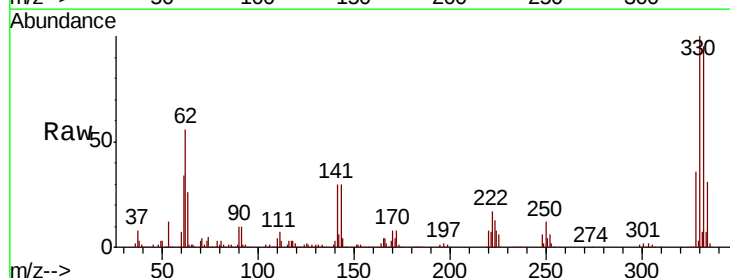
RT: 10.64 min Scan# 1455

Delta R.T. -0.01 min

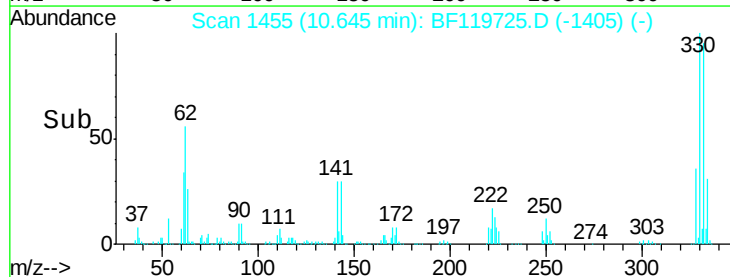
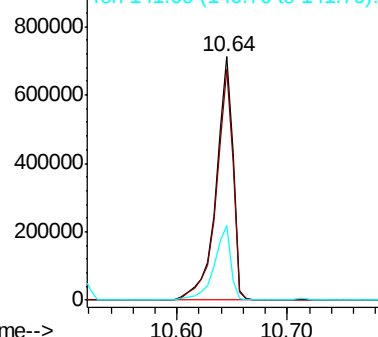
Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion:	330	Resp:	768138
Ion Ratio	Lower	Upper	
330	100		
332	94.3	75.7	113.5
141	29.7	25.4	38.0



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





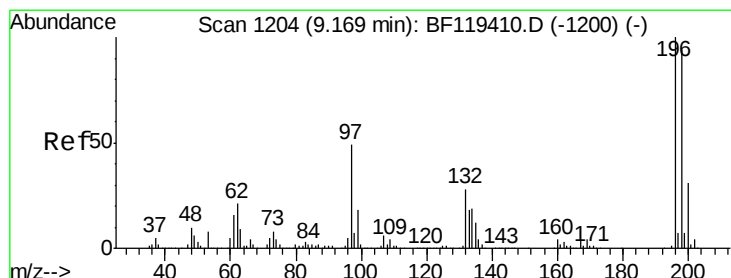
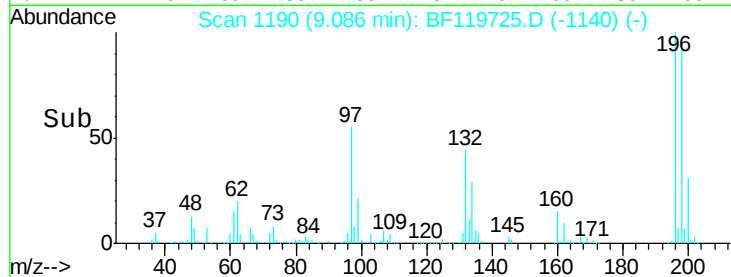
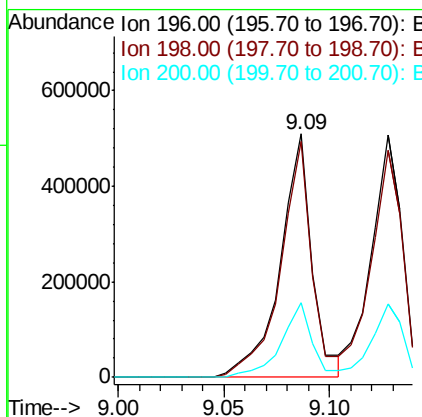
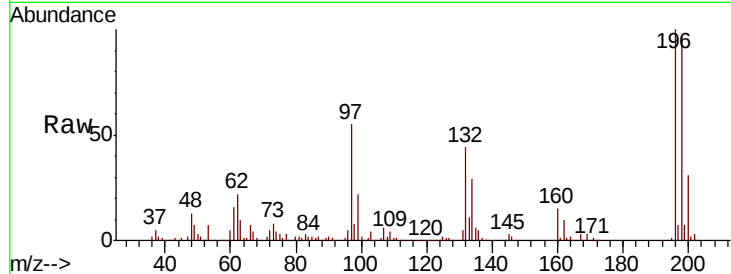
#43
 2,4,6-Trichlorophenol
 Concen: 60.380 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	537491		
198	96.8	76.6	115.0	
200	30.9	24.6	36.8	

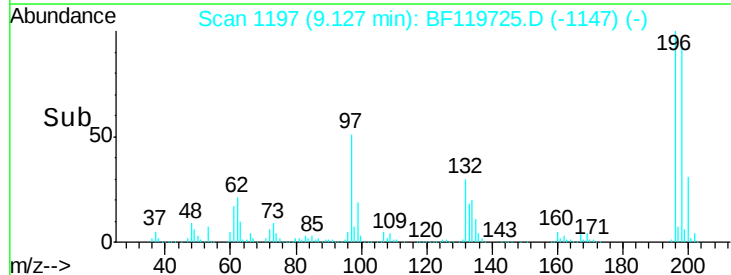
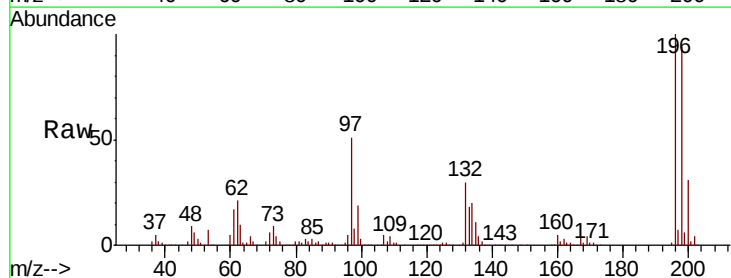
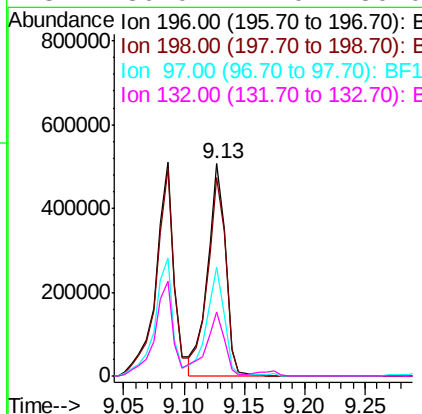
Manual Integrations
 APPROVED

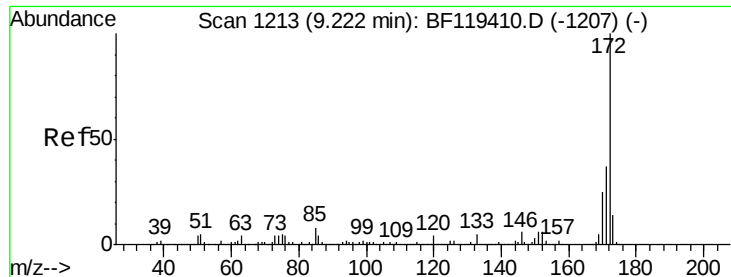
mohammad
 4/6/2020 1:38:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.143 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	519968		
198	93.6	73.8	110.8	
97	51.0	42.6	63.8	
132	30.0	24.0	36.0	





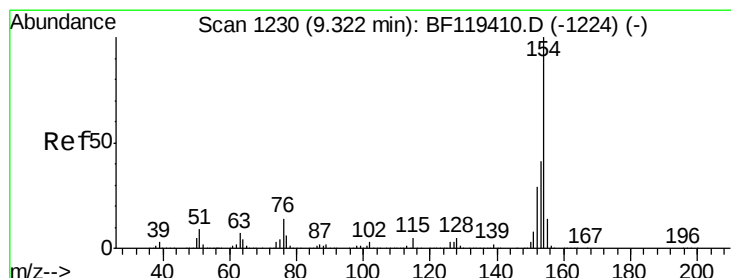
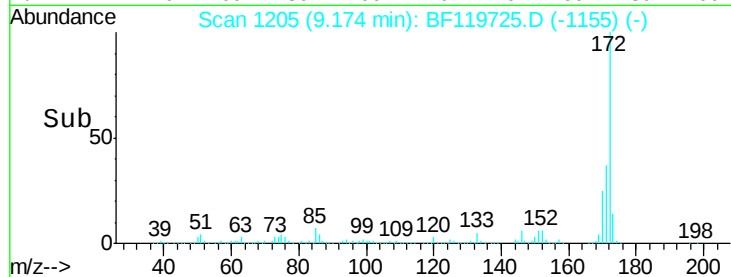
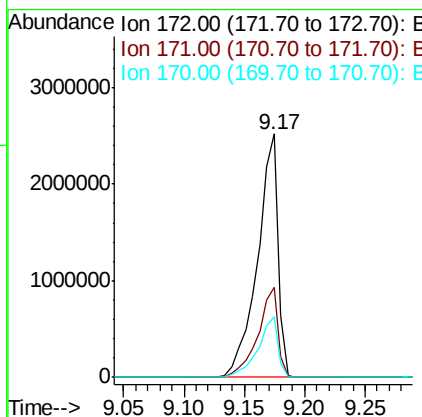
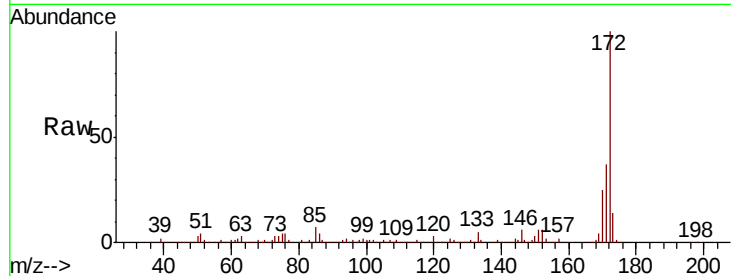
#45
2-Fluorobiphenyl
Concen: 104.663 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion:172 Resp: 2998227
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.8 20.2 30.2

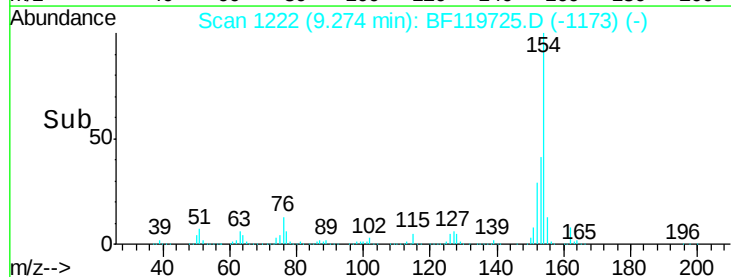
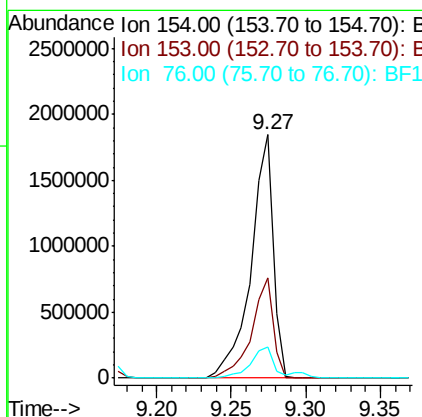
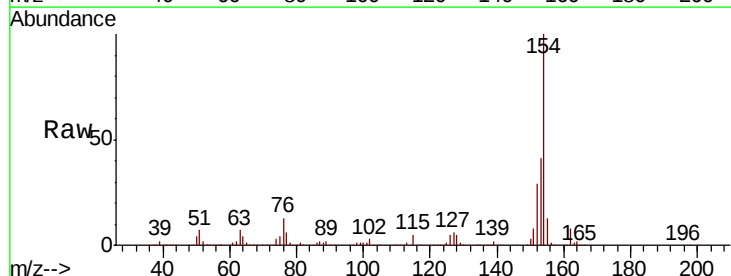
Manual Integrations
APPROVED

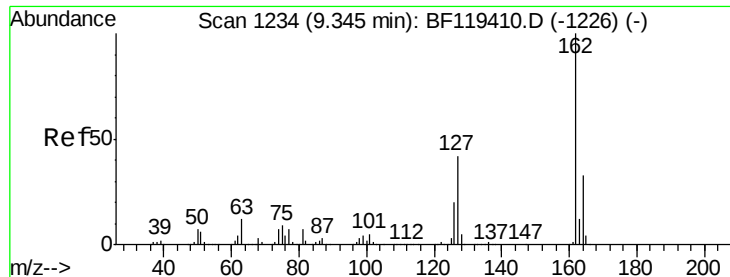
mohammad
4/6/2020 1:38:50 PM



#46
1,1'-Biphenyl
Concen: 54.612 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:154 Resp: 1887638
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 12.6 0.0 33.0





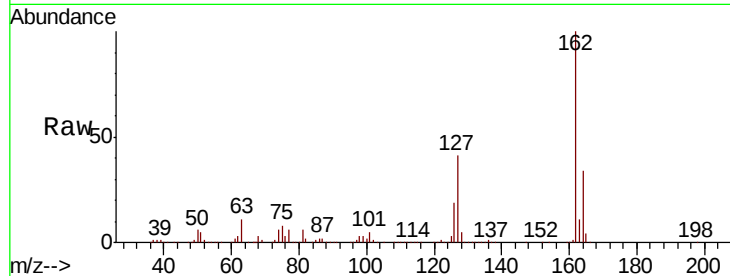
#47
 2-Chloronaphthalene
 Concen: 54.249 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

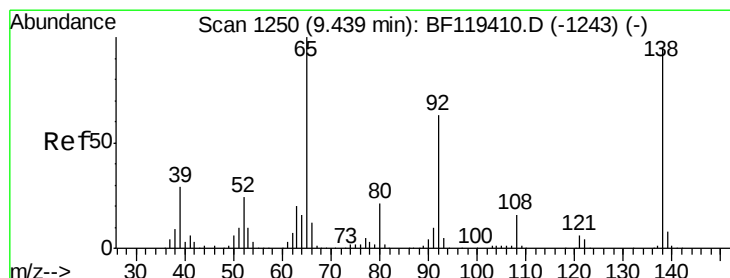
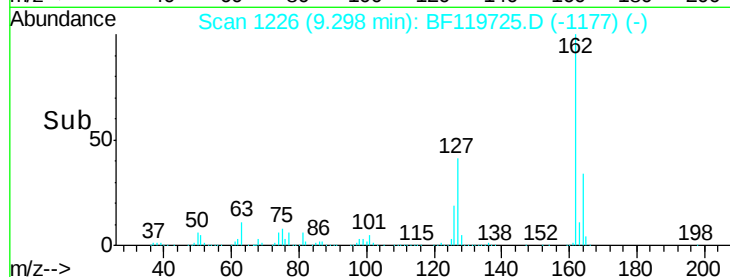
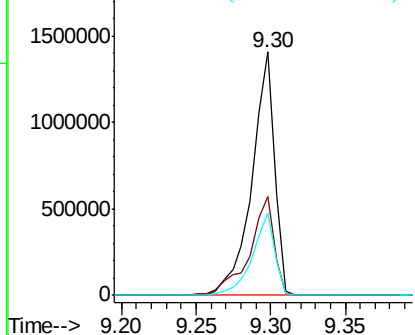
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.9	26.3	39.5

Manual Integrations
 APPROVED

mohammad
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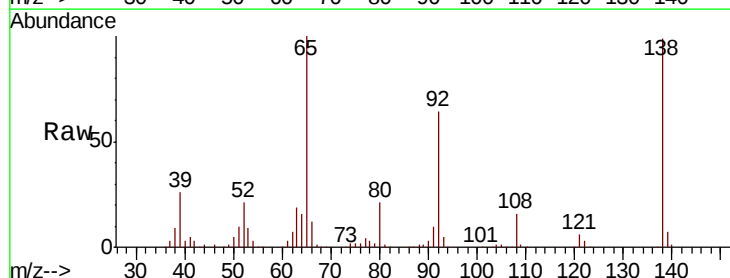


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

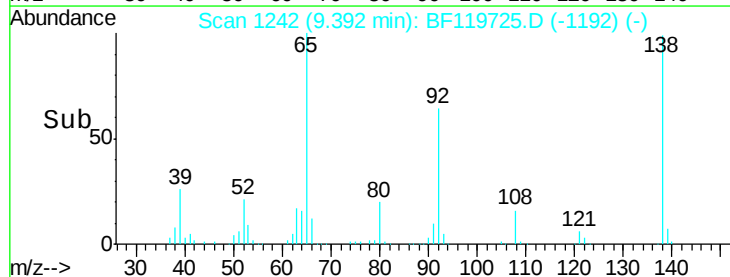
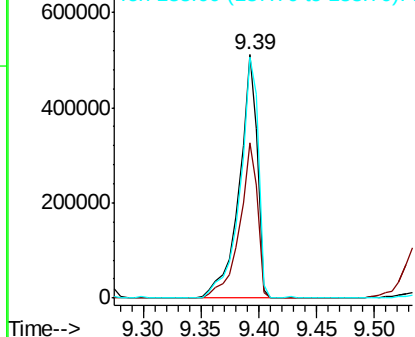


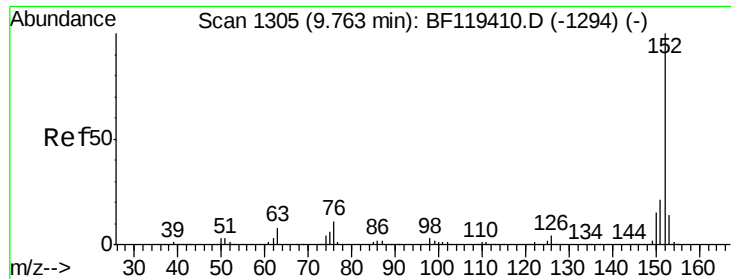
#48
 2-Nitroaniline
 Concen: 59.198 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	50.0	75.0
138	99.0	75.0	112.4



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





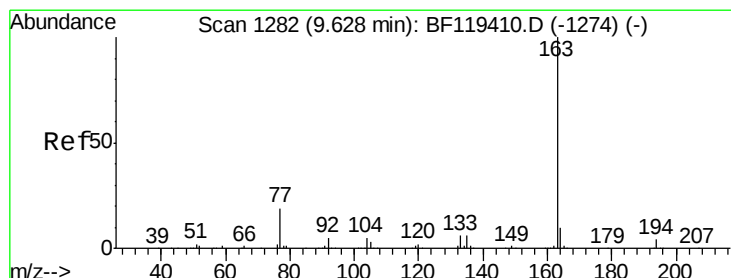
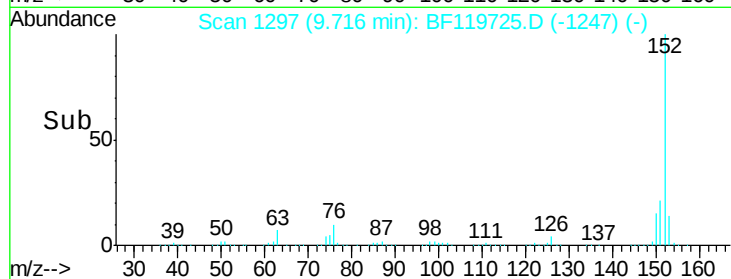
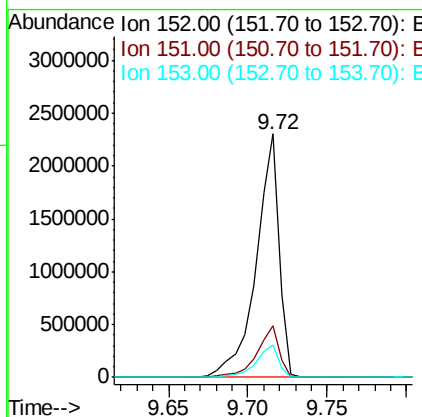
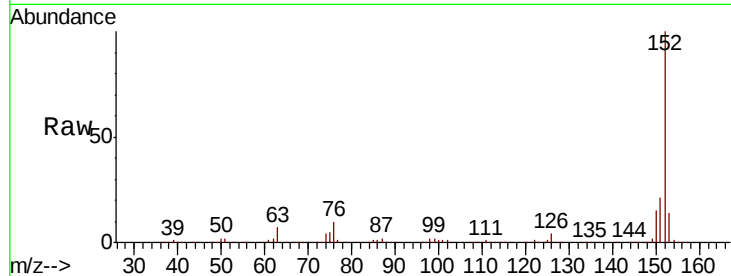
#49
Acenaphthylene
Concen: 54.585 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.5	11.2	16.8

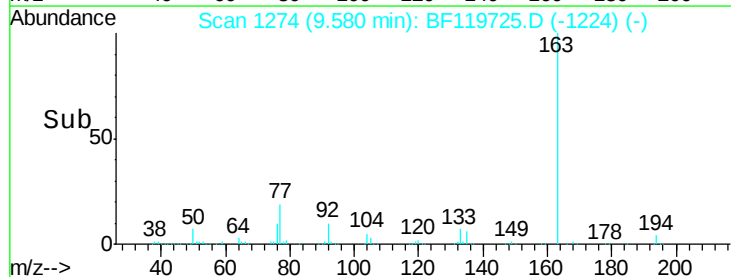
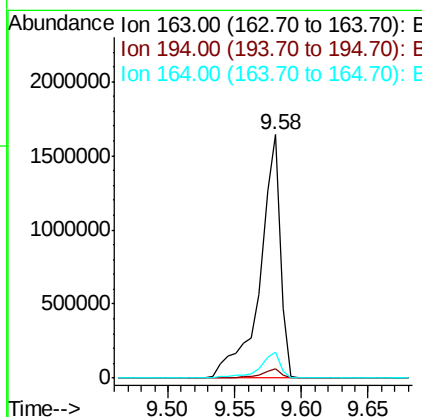
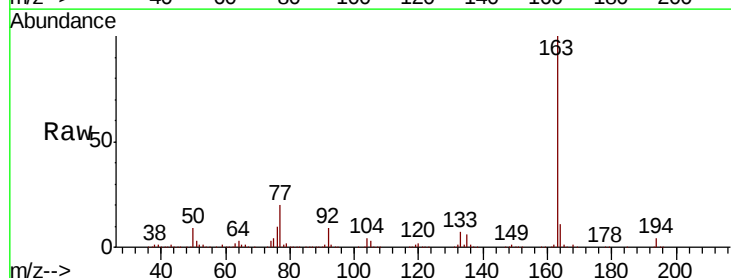
Manual Integrations
APPROVED

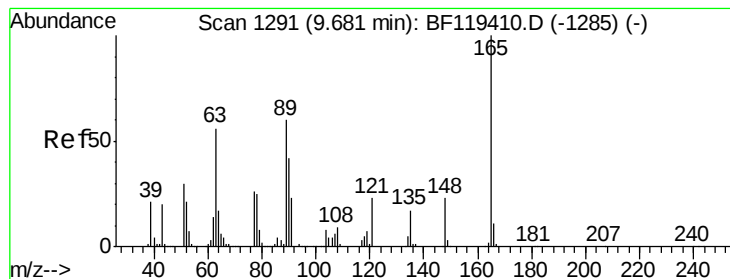
mohammad
4/6/2020 1:38:50 PM



#50
Dimethylphthalate
Concen: 57.342 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 60.840 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:165 Resp: 393108

Ion Ratio Lower Upper

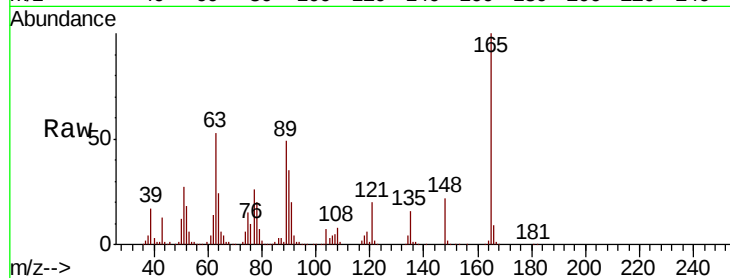
165 100

63 53.3 45.0 67.4

89 49.1 41.5 62.3

Manual Integrations
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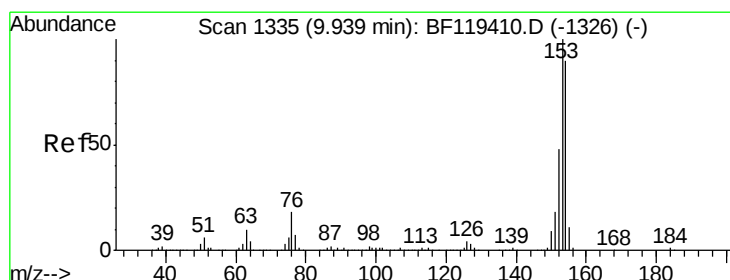
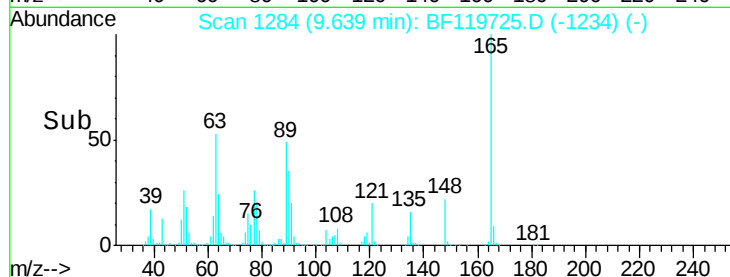
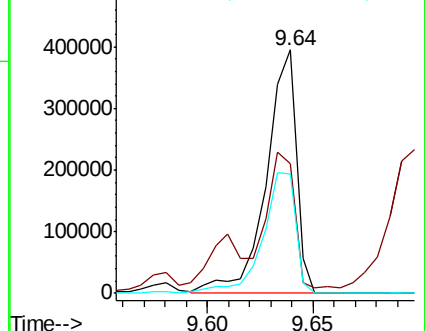
mohammad
4/6/2020 1:38:50 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 62.205 ng m

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

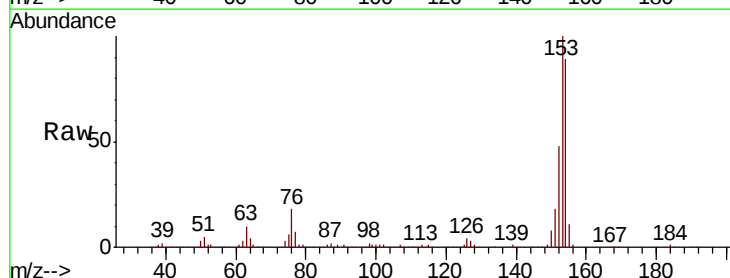
Tgt Ion:154 Resp: 1648792

Ion Ratio Lower Upper

154 100

153 112.8 88.1 132.1

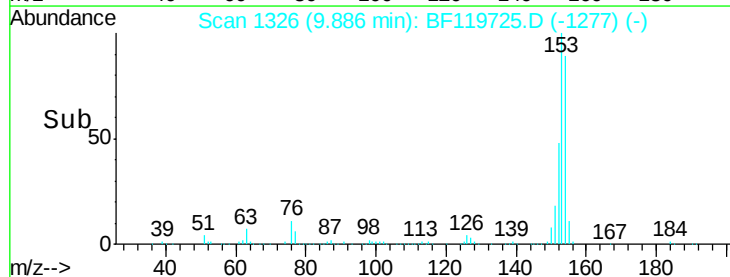
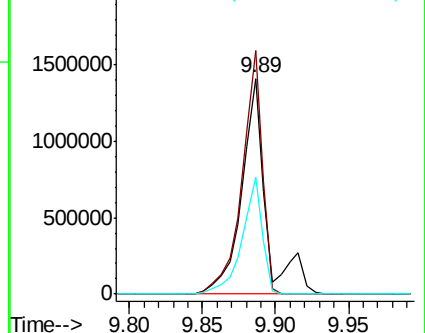
152 54.1 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





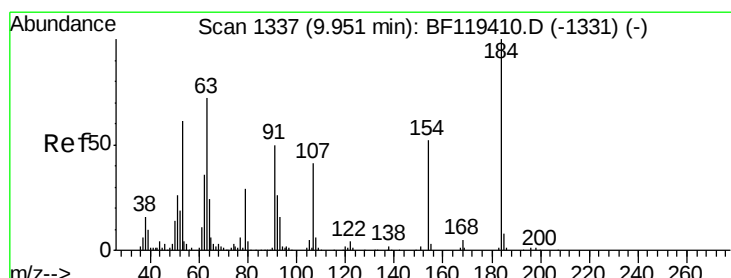
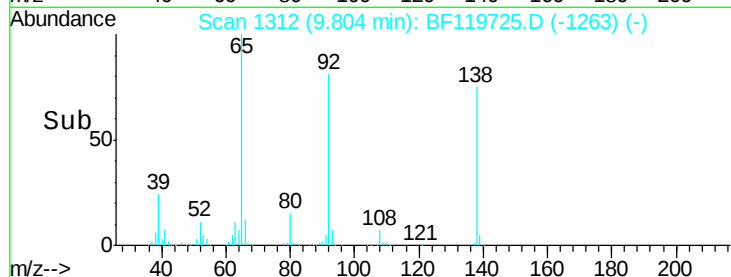
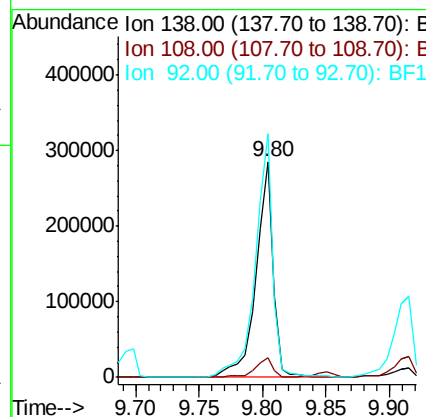
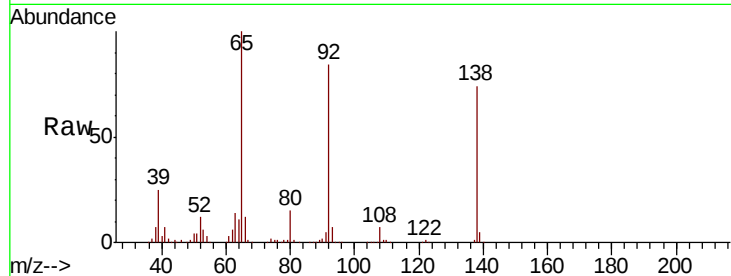
#53
3-Nitroaniline
Concen: 33.456 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.6	13.0
92	112.8	95.4	143.0

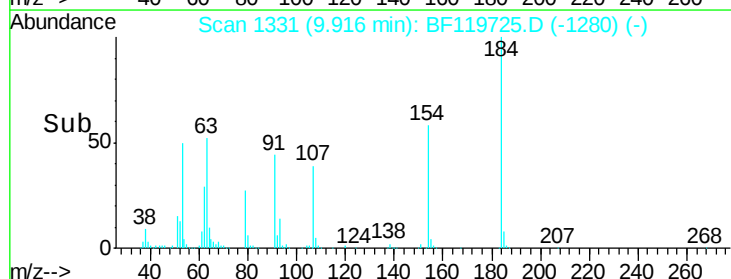
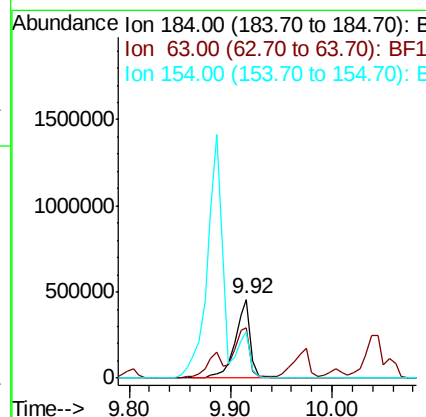
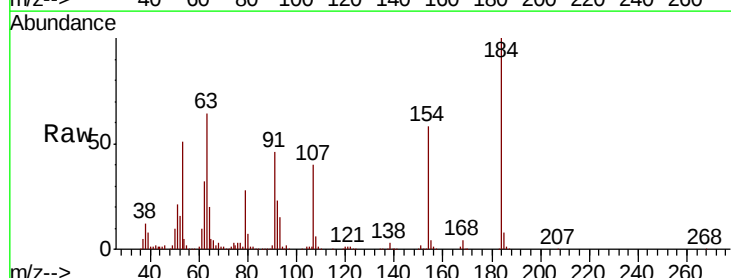
Manual Integrations
APPROVED

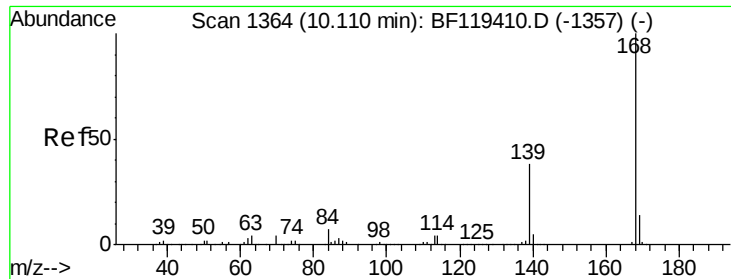
mohammad
4/6/2020 1:38:50 PM



#54
2,4-Dinitrophenol
Concen: 160.752 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	50.2	75.4
154	58.3	44.5	66.7





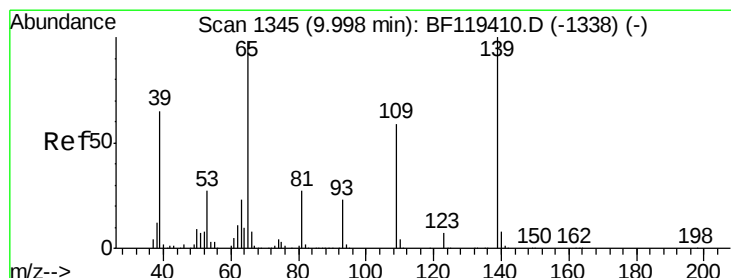
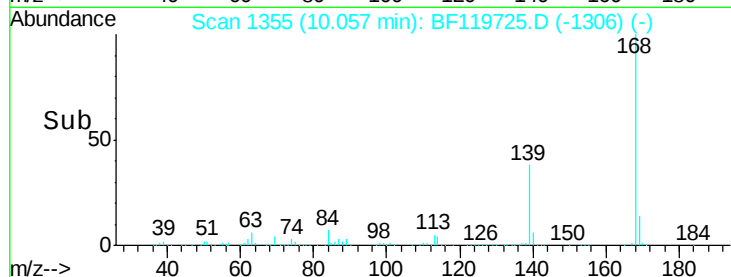
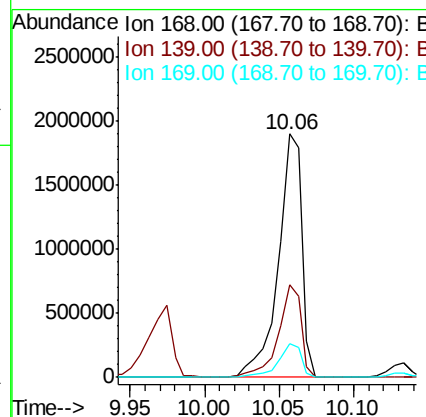
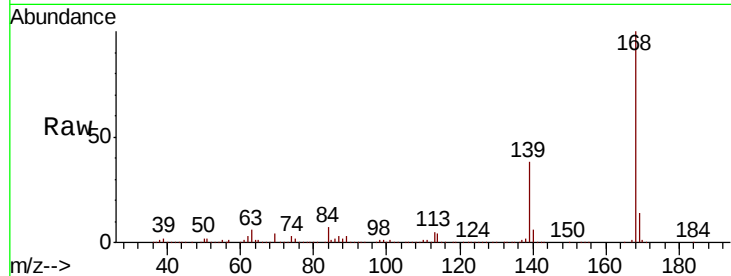
#55
Dibenzofuran
Concen: 55.070 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.1	11.0	16.6

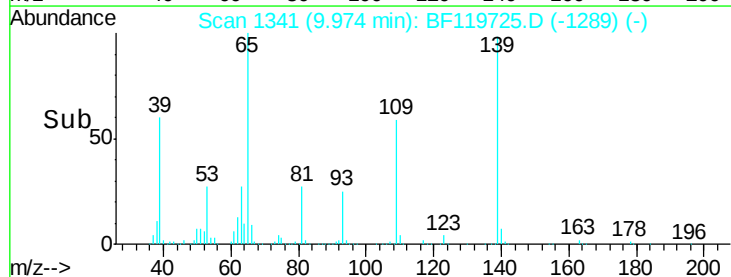
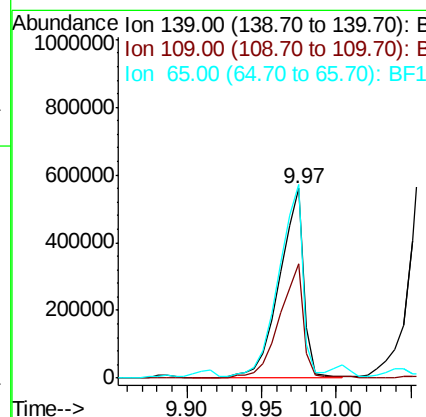
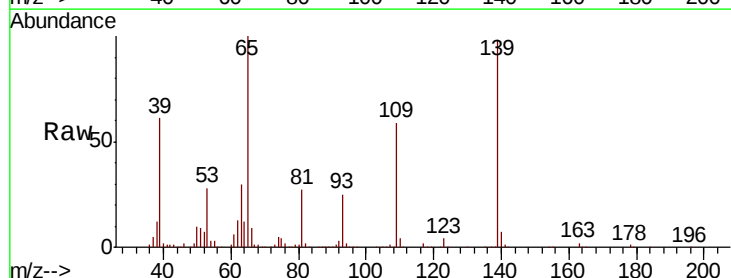
Manual Integrations
APPROVED

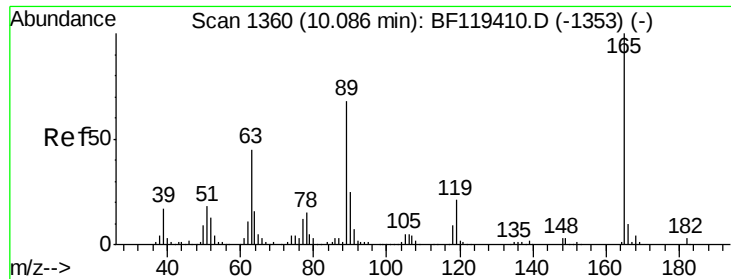
mohammad
4/6/2020 1:38:50 PM



#56
4-Nitrophenol
Concen: 98.807 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	43.3	83.3
65	102.3	91.0	131.0





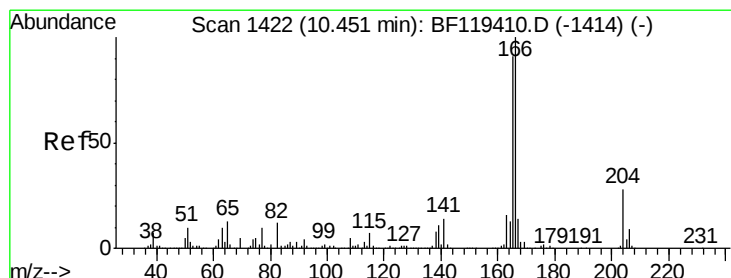
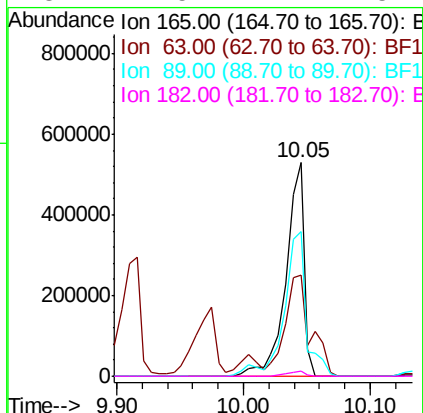
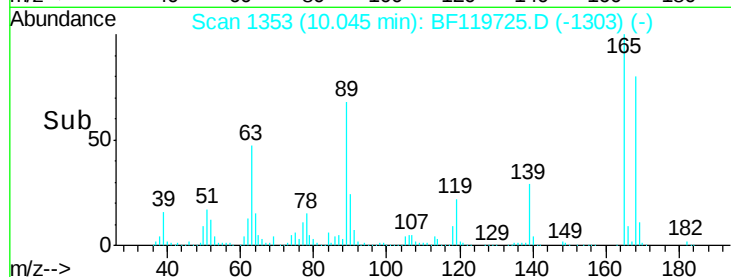
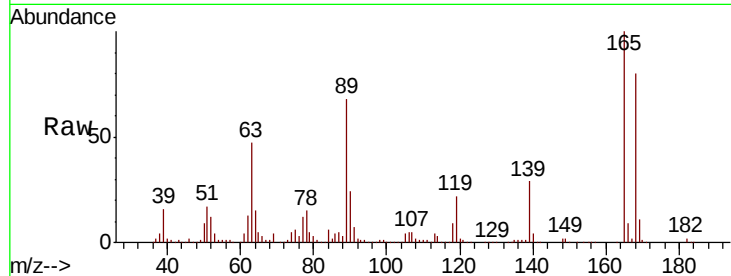
#57
2,4-Dinitrotoluene
Concen: 65.445 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.6	64.0
89	68.0	61.0	91.4
182	2.5	2.2	3.2

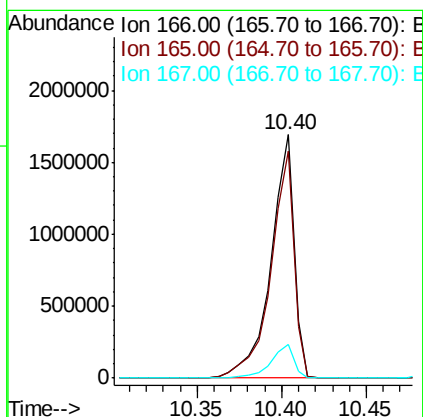
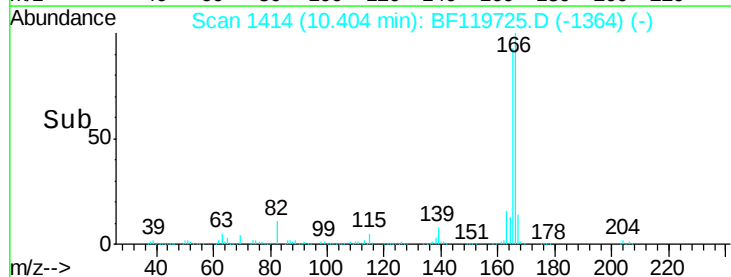
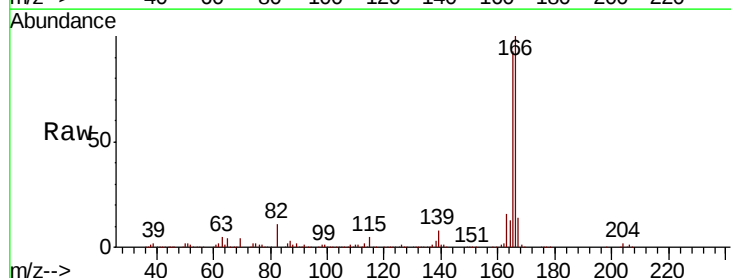
Manual Integrations
APPROVED

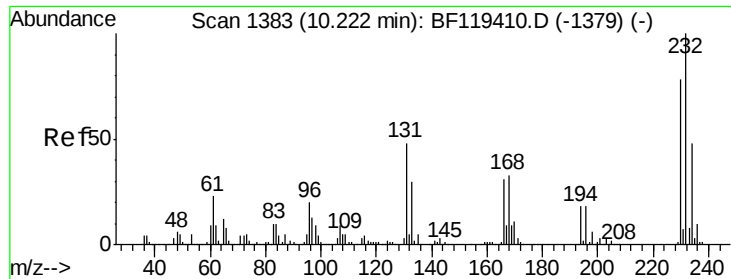
mohammad
4/6/2020 1:38:50 PM



#58
Fluorene
Concen: 57.198 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	75.4	113.2
167	13.7	11.2	16.8





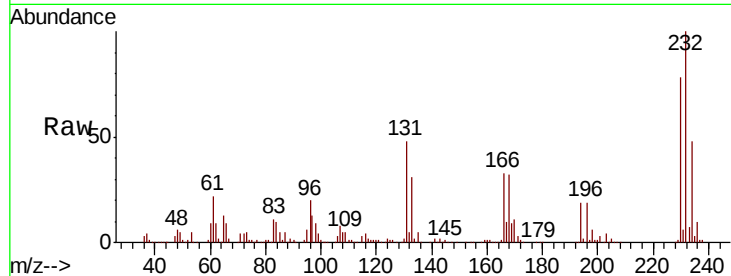
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.077 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

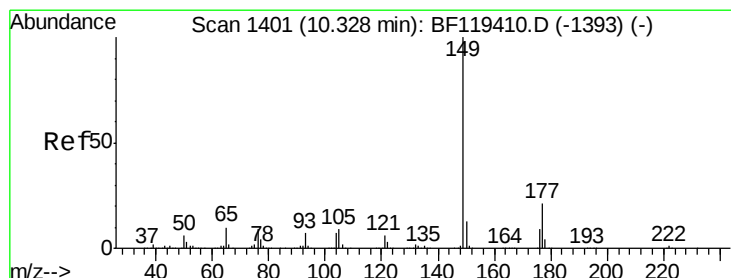
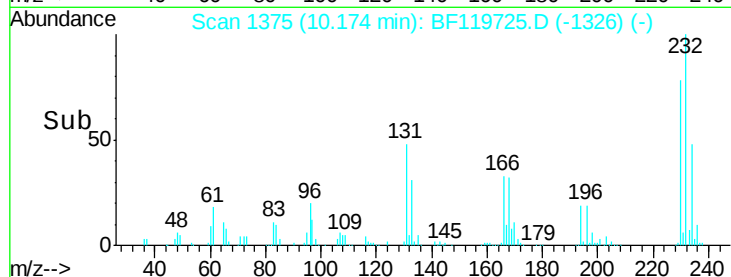
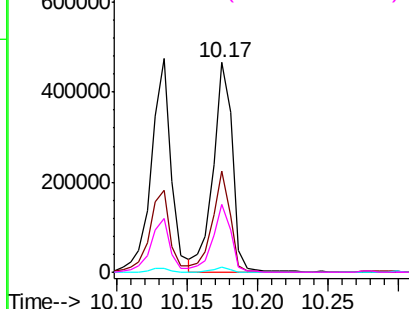
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.5	56.3
130	2.0	1.8	2.6
166	30.6	24.6	36.8

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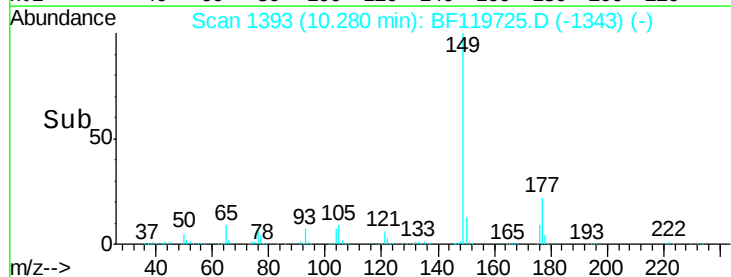
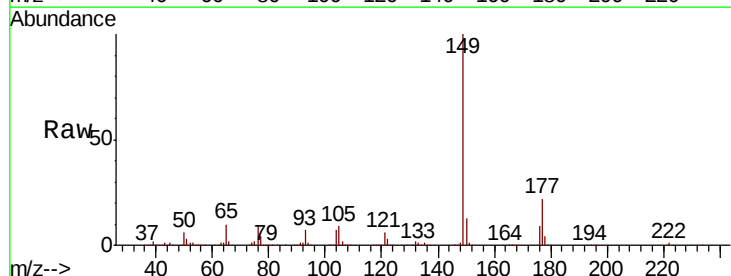
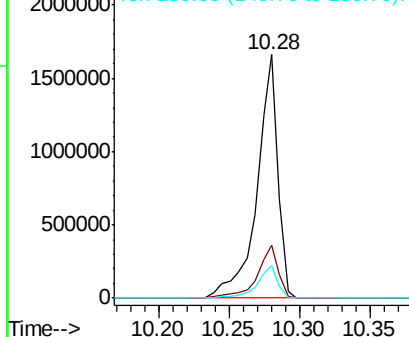
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 56.727 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	13.1	10.1	15.1

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





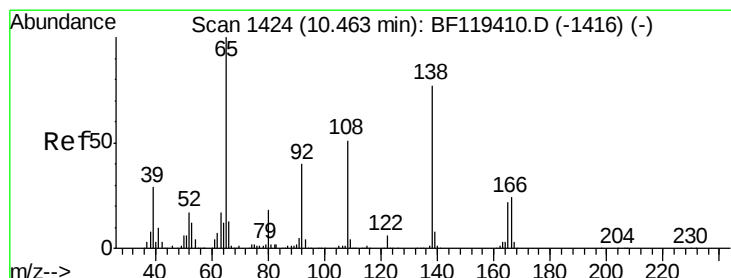
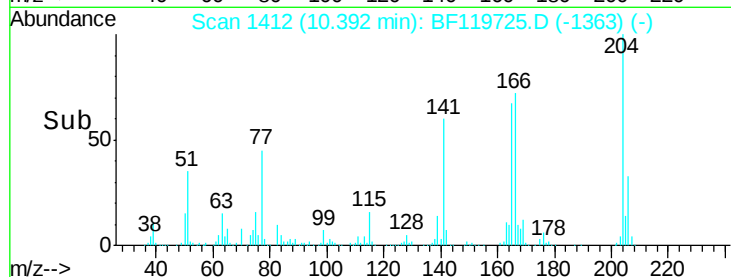
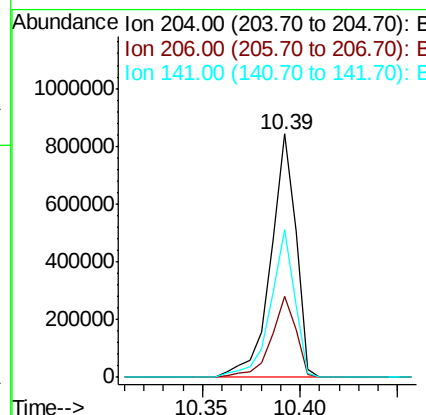
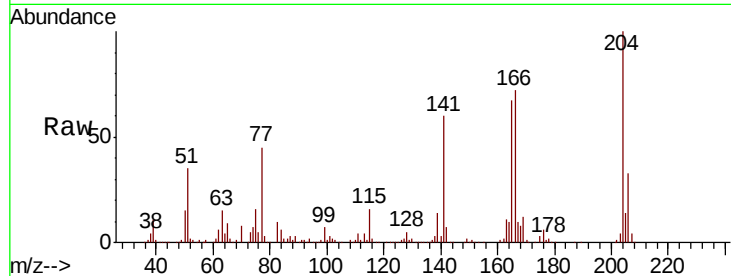
#61
 4-Chlorophenyl-phenylether
 Concen: 54.877 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion:	204	Resp:	754154
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	60.4	47.3	70.9

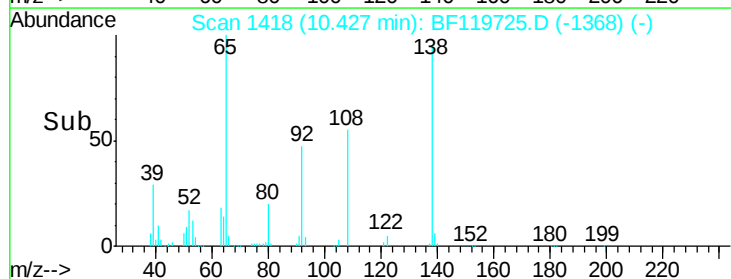
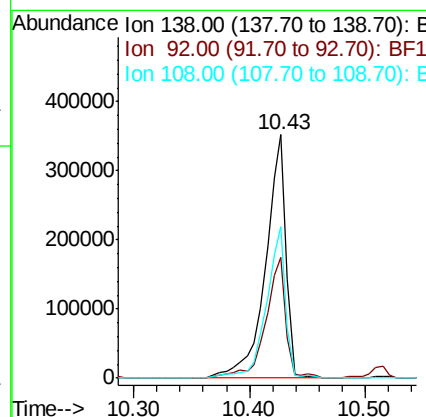
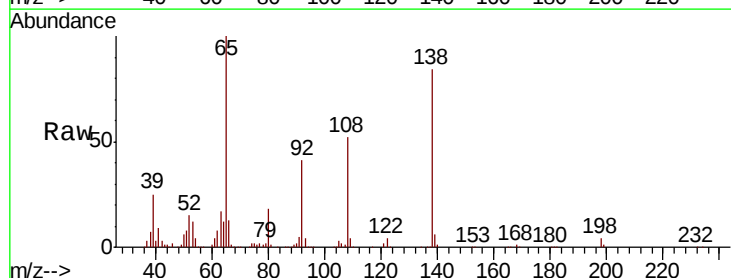
Manual Integrations
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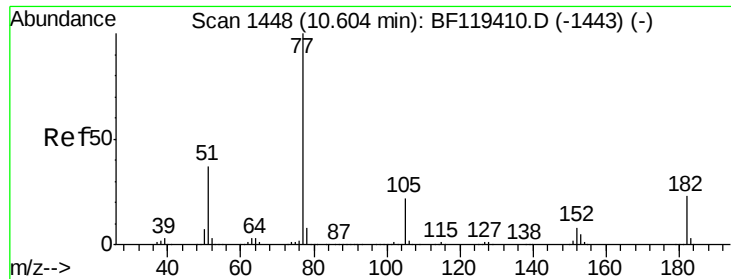
mohammad
 4/6/2020 1:38:50 PM



#62
 4-Nitroaniline
 Concen: 55.683 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:	138	Resp:	435569
Ion Ratio	Lower	Upper	
138	100		
92	49.4	31.5	71.5
108	62.0	45.8	85.8





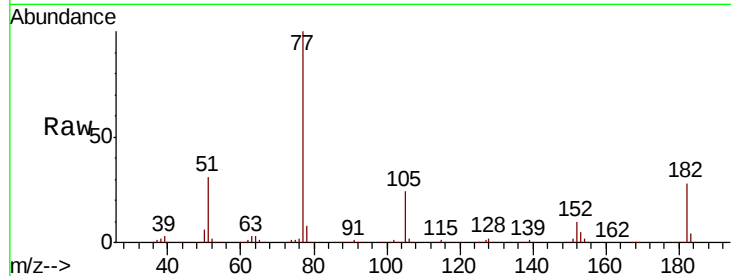
#63
Azobenzene
Concen: 54.235 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

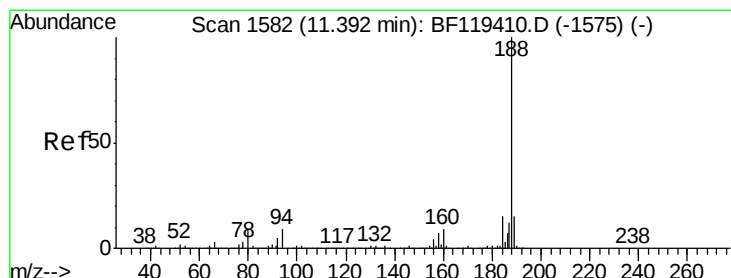
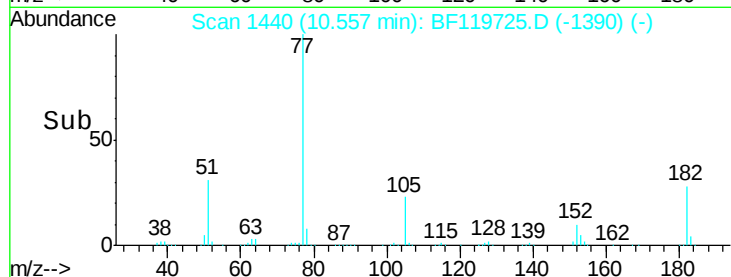
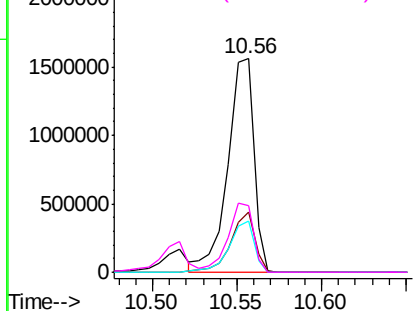
Tot Ion: 77 Resp: 1670968
Ion Ratio Lower Upper
77 100
182 28.3 4.4 44.4
105 24.0 2.6 42.6
51 31.1 15.1 55.1

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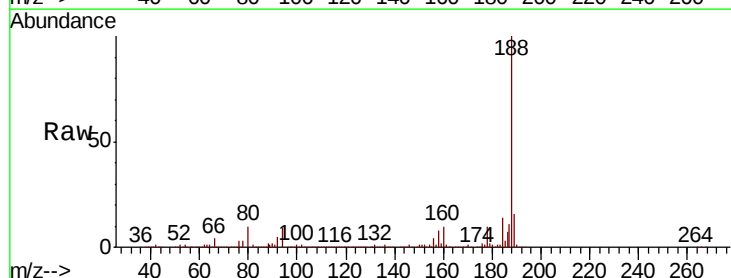


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

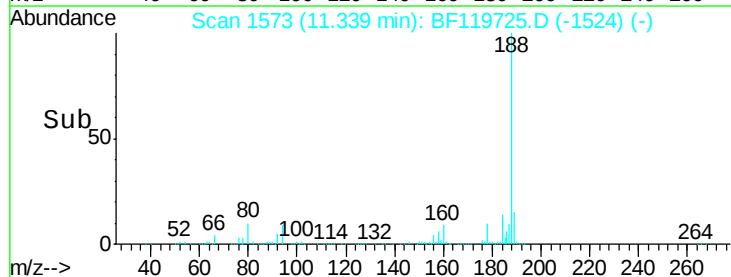
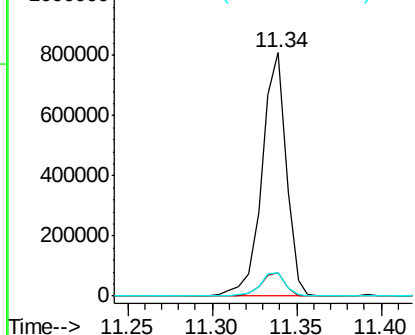


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion: 188 Resp: 809764
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.7 9.0 13.4



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





#65

4,6-Dinitro-2-methylphenol

Concen: 89.770 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion:198 Resp: 304819

Ion Ratio Lower Upper

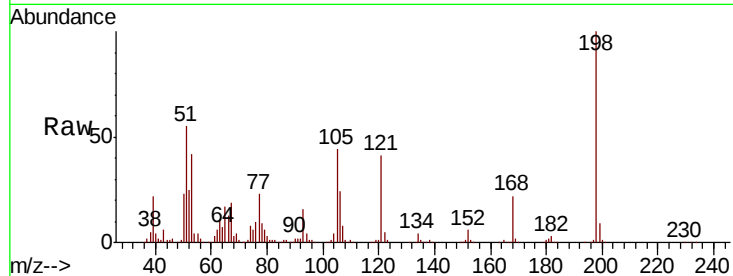
198 100

51 54.6 29.0 69.0

105 44.1 22.2 62.2

Manual Integrations
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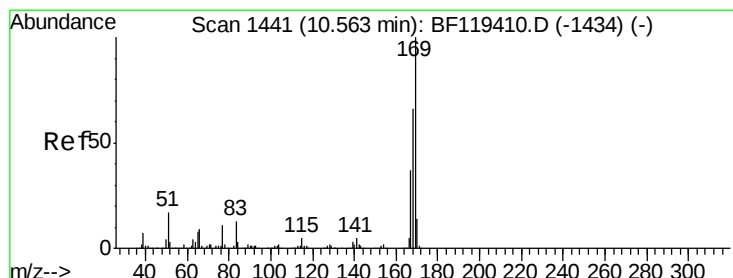
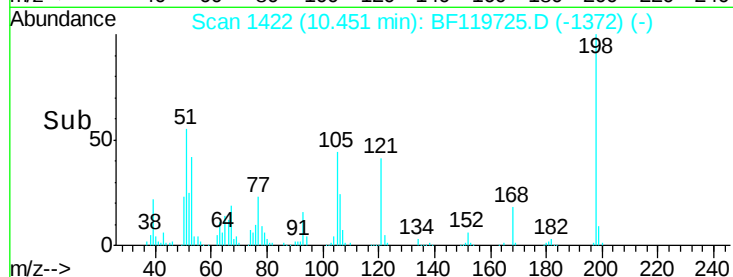
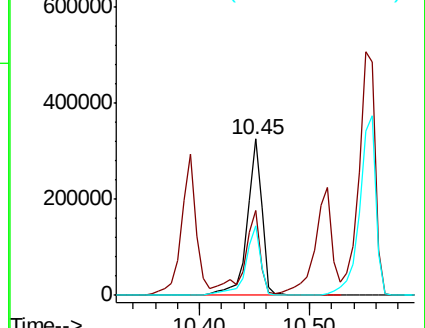
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 56.745 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

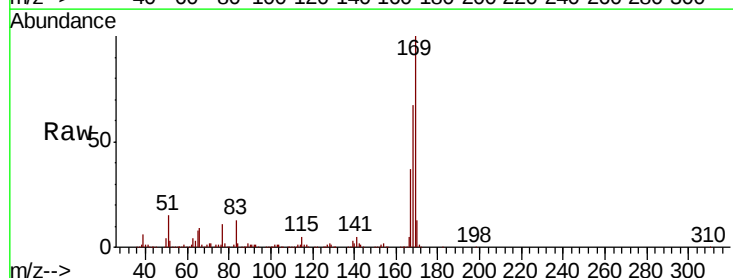
Tgt Ion:169 Resp: 1508482

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

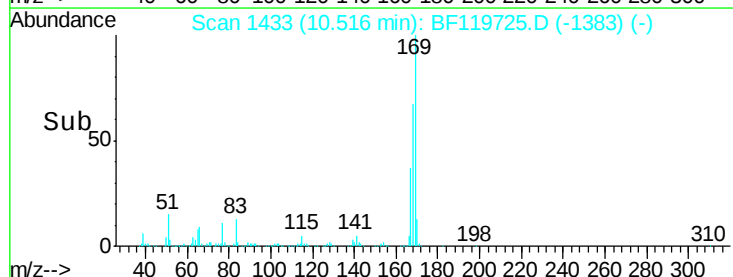
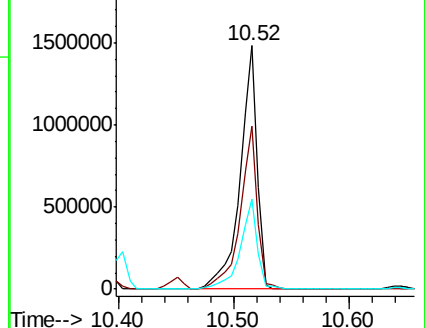
167 36.9 29.1 43.7

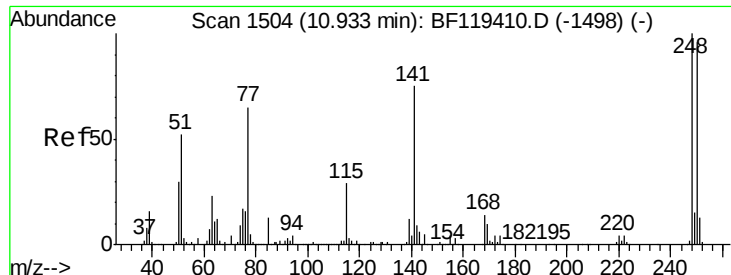


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





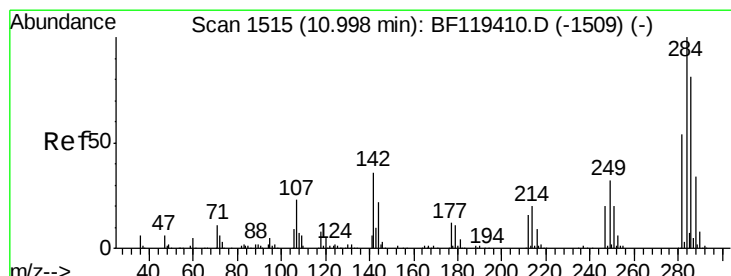
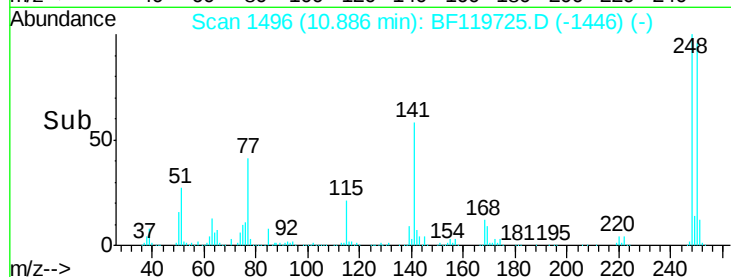
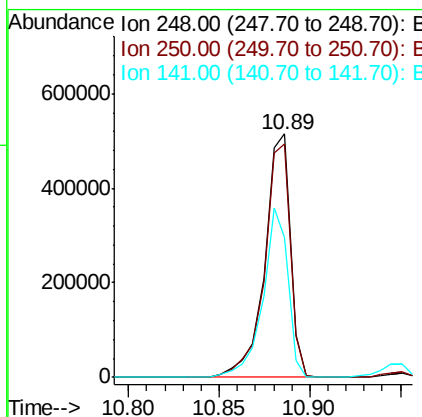
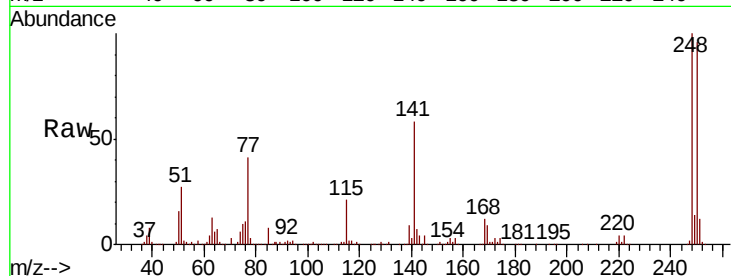
#67
4-Bromophenyl-phenylether
Concen: 55.161 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.3	115.9
141	57.7	58.6	87.8#

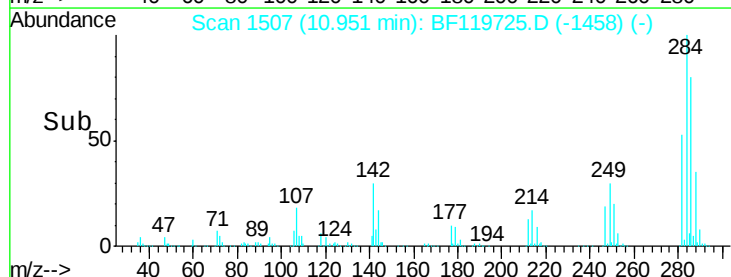
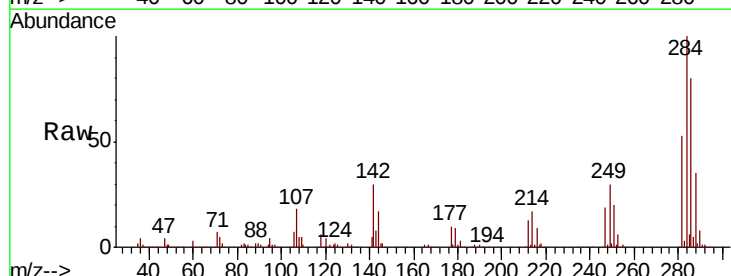
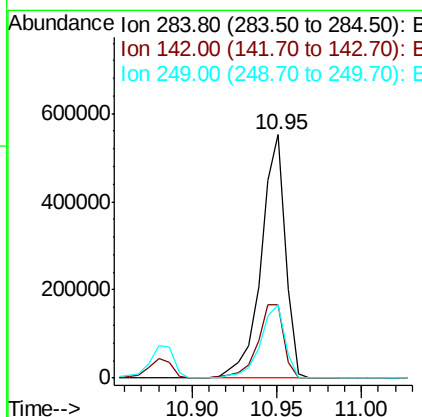
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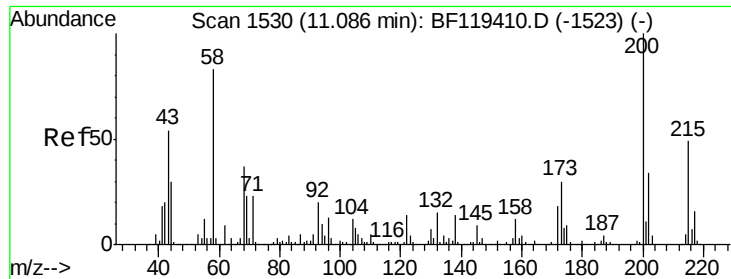
mohammad
4/6/2020 1:38:50 PM



#68
Hexachlorobenzene
Concen: 57.948 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	29.2	43.8
249	30.2	25.1	37.7





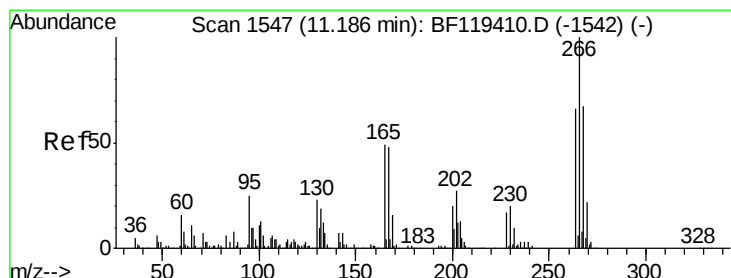
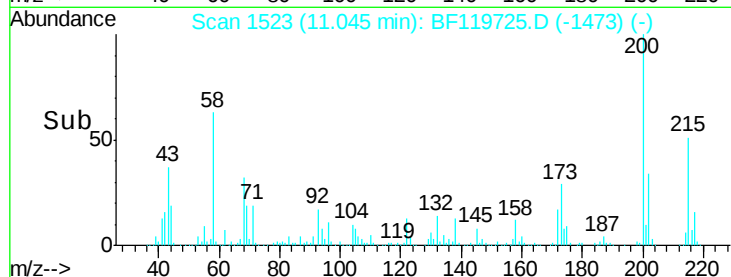
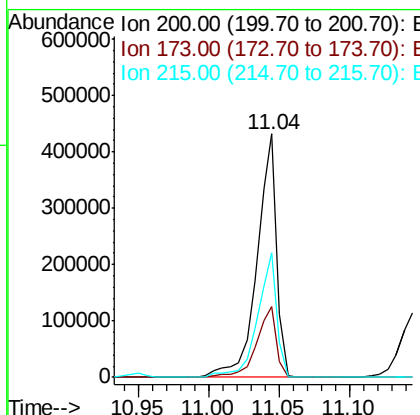
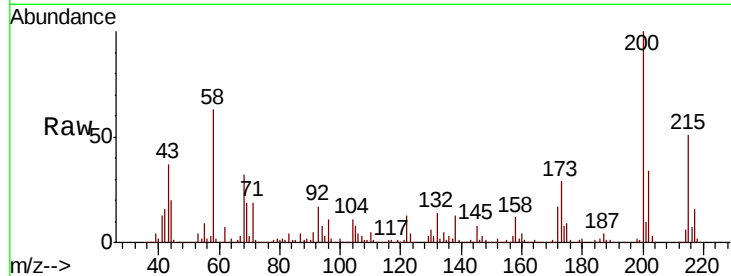
#69
Atrazine
Concen: 57.973 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.2	9.3	49.3
215	50.9	29.5	69.5

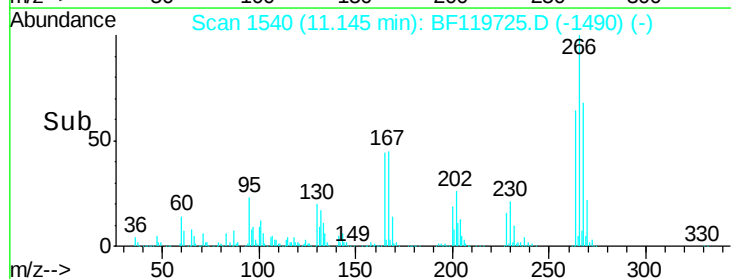
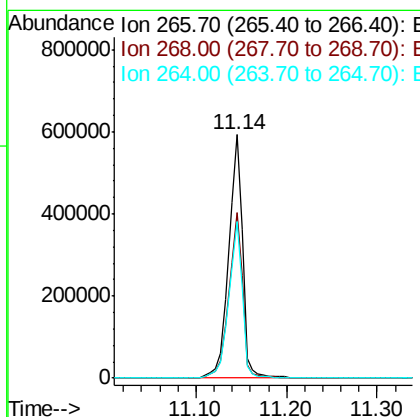
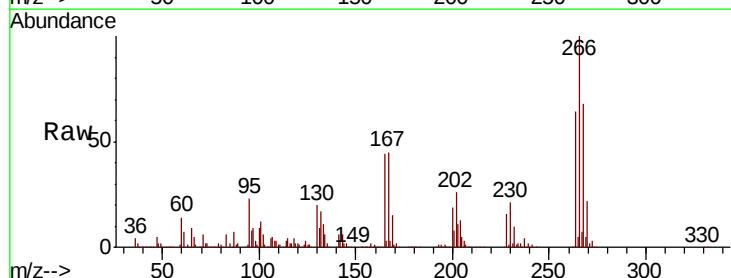
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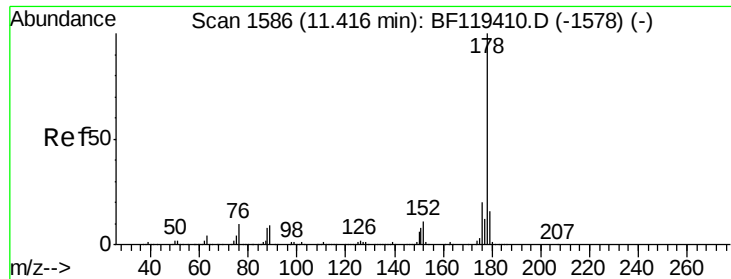
mohammad
4/6/2020 1:38:50 PM



#70
Pentachlorophenol
Concen: 114.530 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	53.3	79.9
264	64.1	49.0	73.4





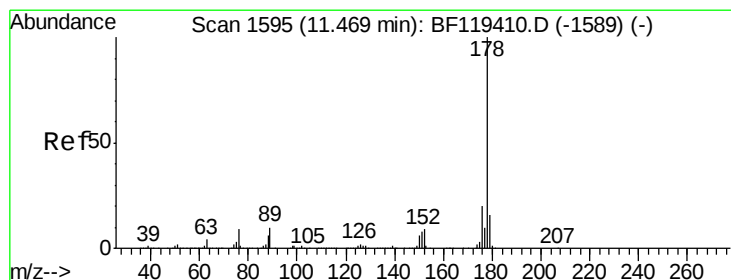
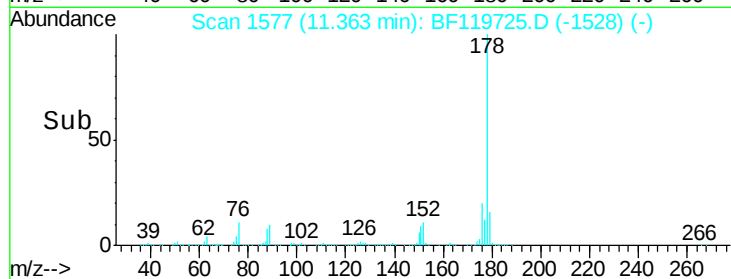
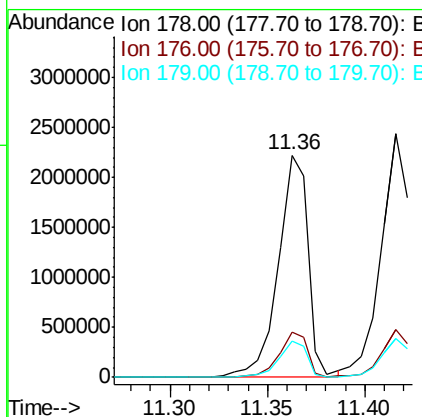
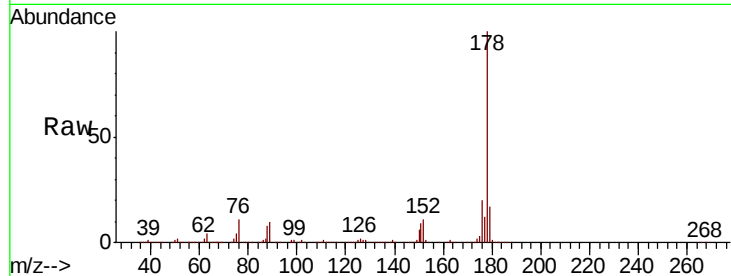
#71
Phenanthrene
Concen: 56.265 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion:178 Resp: 2362482
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.5 13.2 19.8

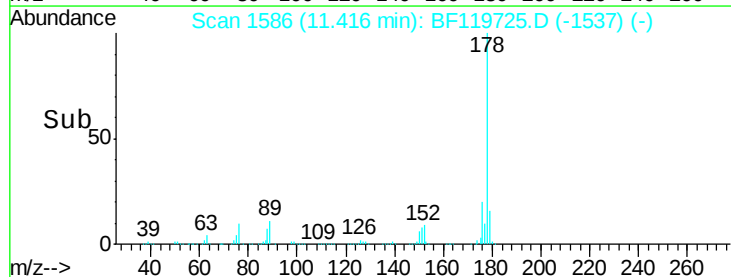
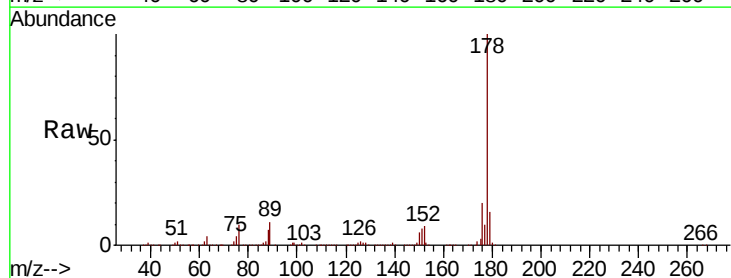
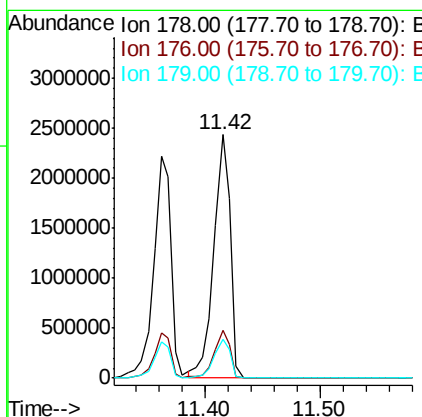
Manual Integrations
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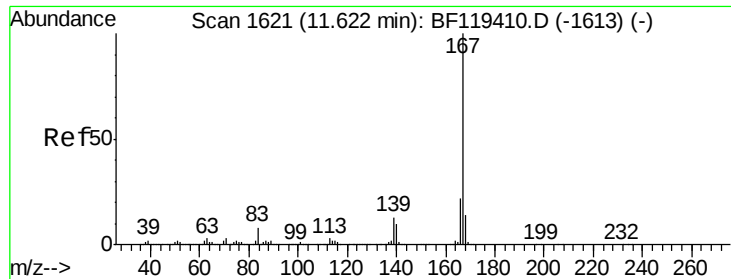
mohammad
4/6/2020 1:38:50 PM



#72
Anthracene
Concen: 56.300 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion:178 Resp: 2402556
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.1 13.0 19.4





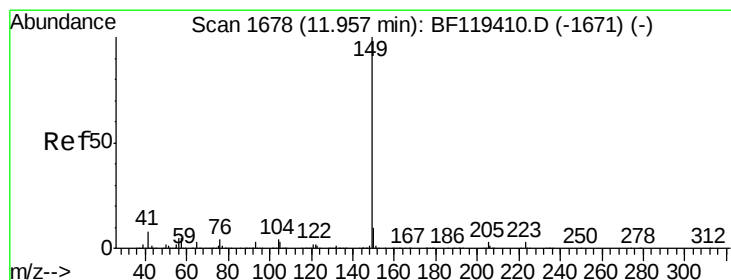
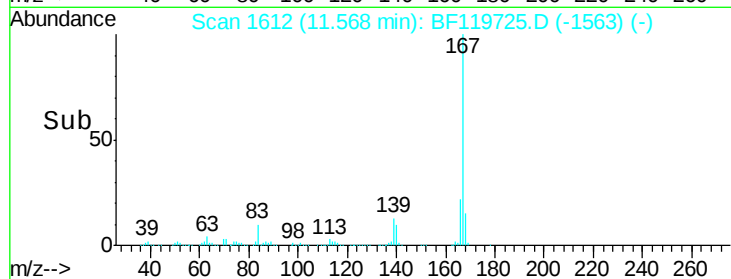
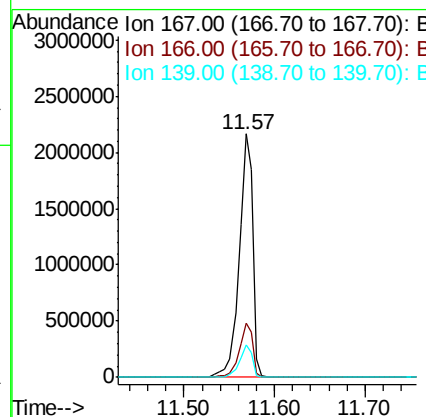
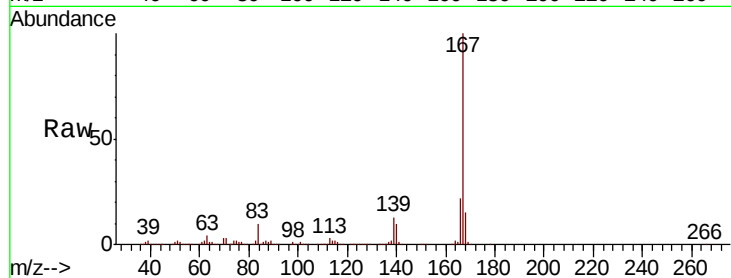
#73
 Carbazole
 Concen: 54.073 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.4	10.7	16.1

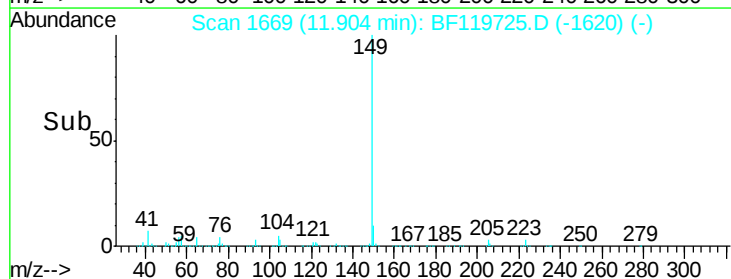
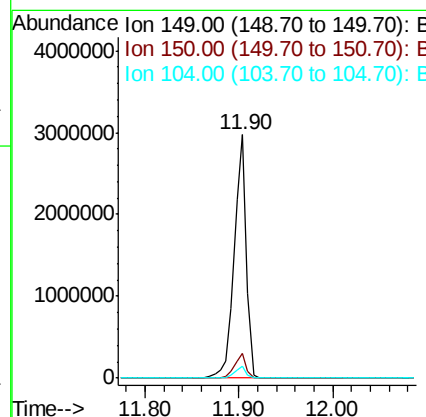
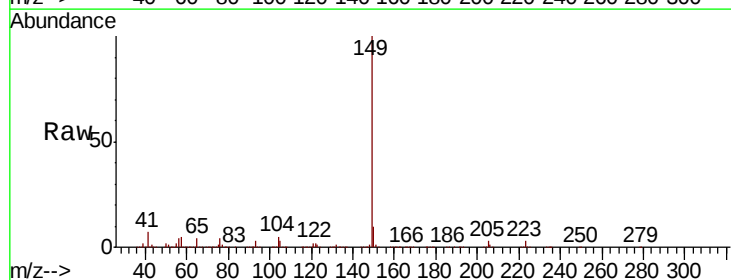
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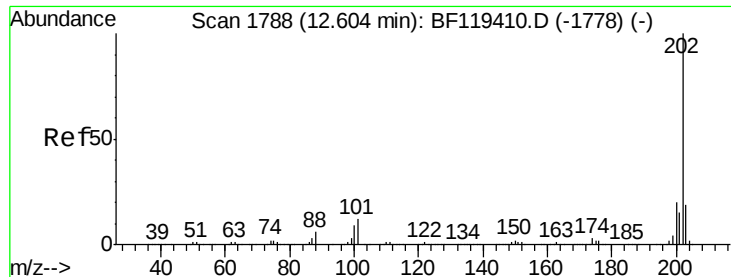
mohammad
 4/6/2020 1:38:50 PM



#74
 Di-n-butylphthalate
 Concen: 58.450 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.8
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 56.496 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Instrument :

BNA_F

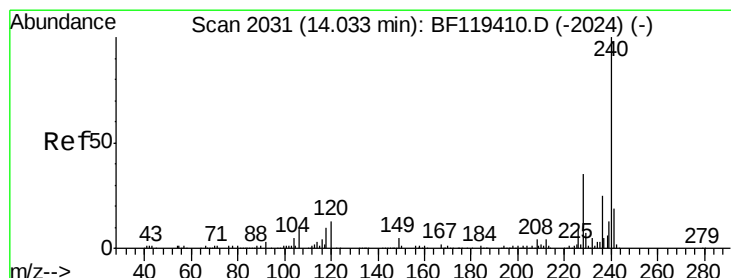
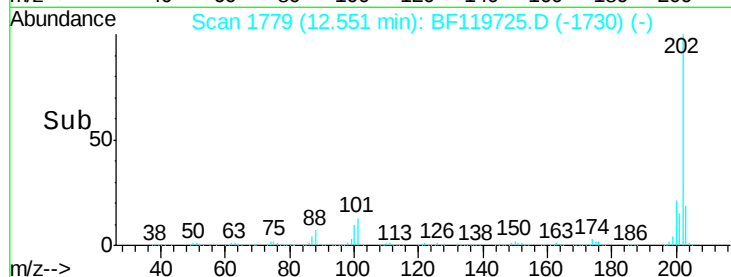
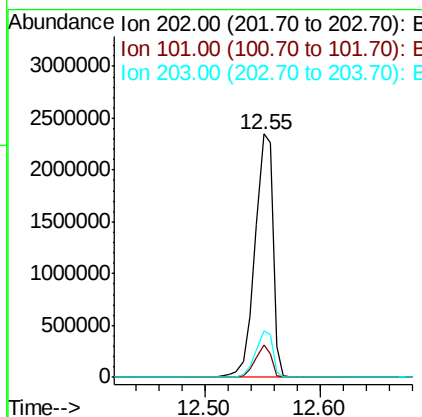
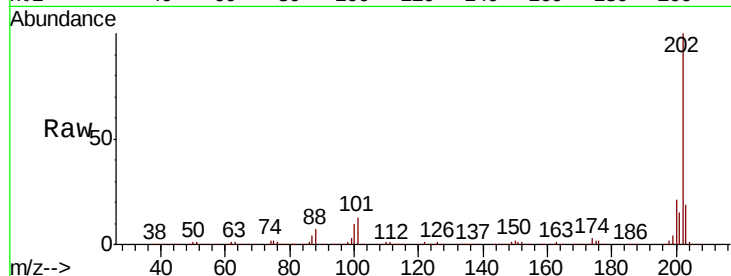
ClientSampleId :

239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.2
203	18.9	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

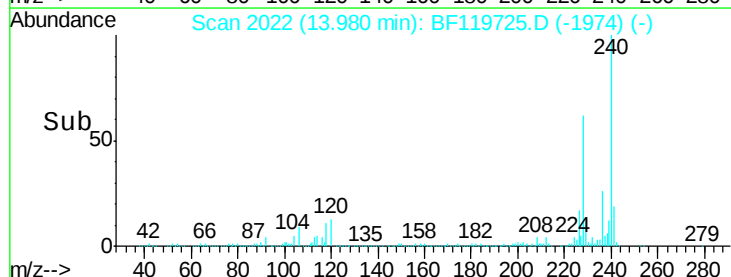
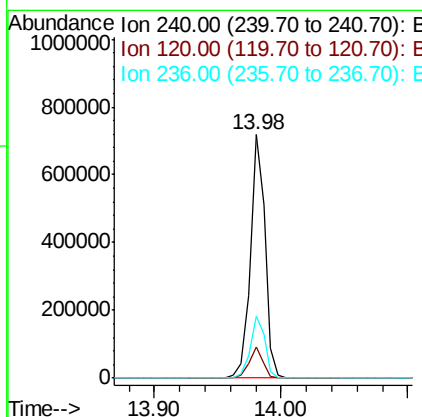
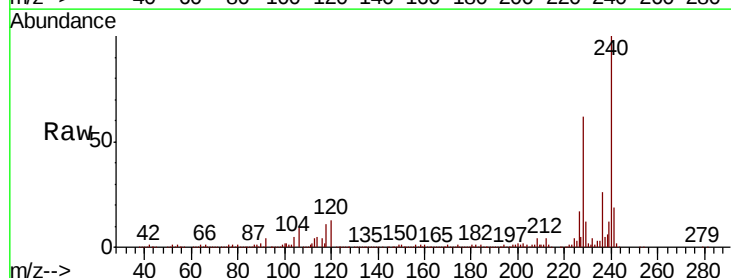
RT: 13.98 min Scan# 2022

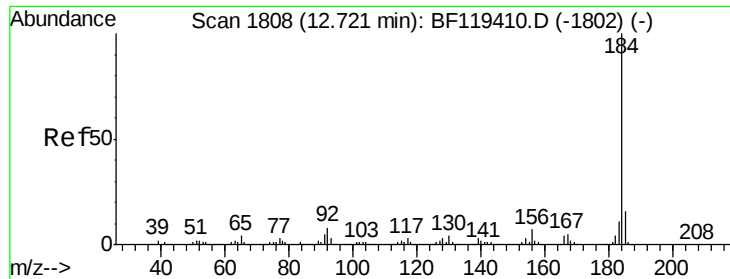
Delta R.T. -0.02 min

Lab File: BF119725.D

Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.6	15.8
236	25.5	20.2	30.2





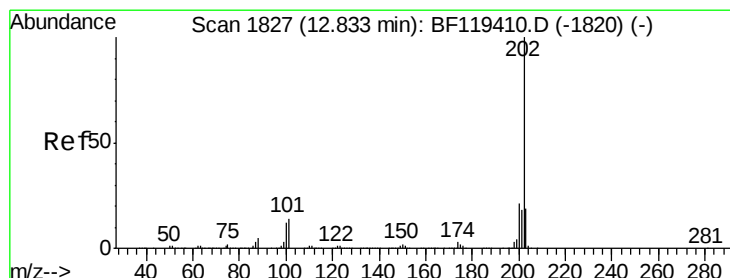
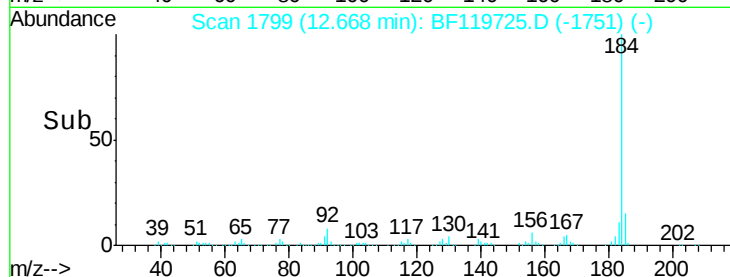
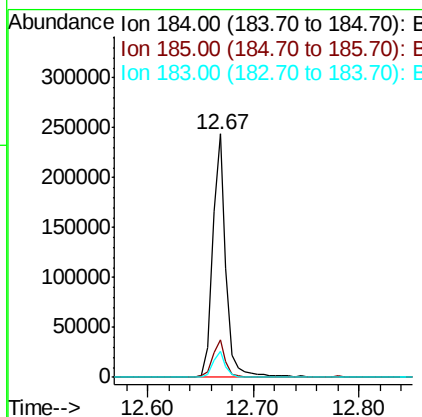
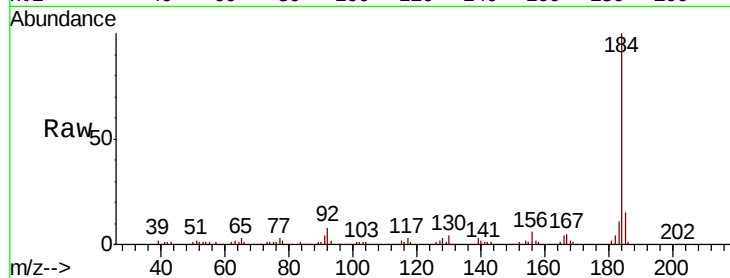
#77
Benzidine
Concen: 8.819 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.3	18.5
183	10.8	9.0	13.6

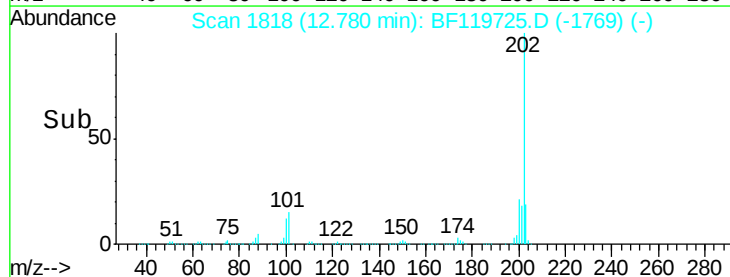
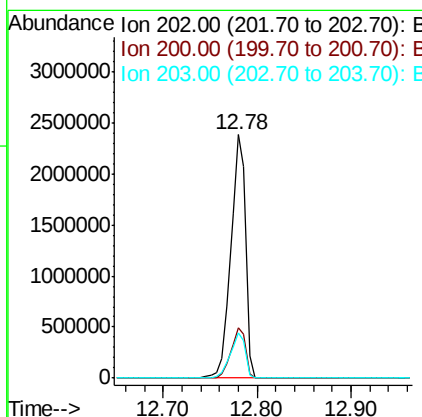
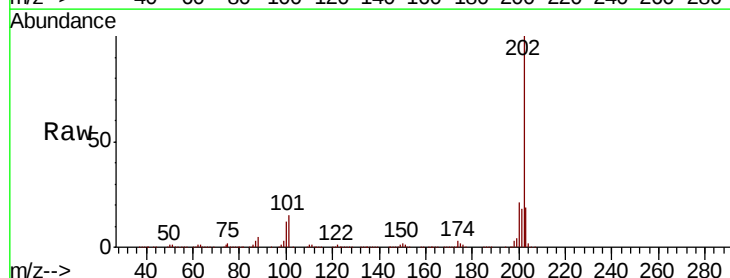
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#78
Pyrene
Concen: 54.390 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.6	15.1	22.7





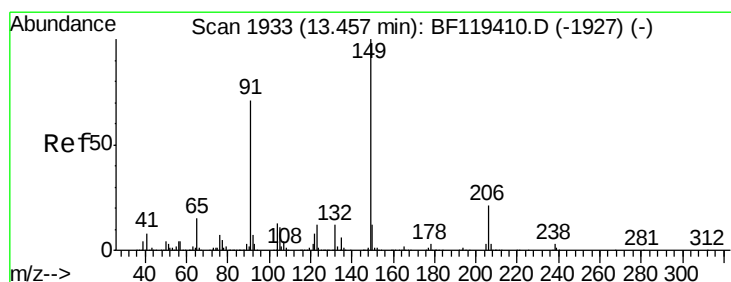
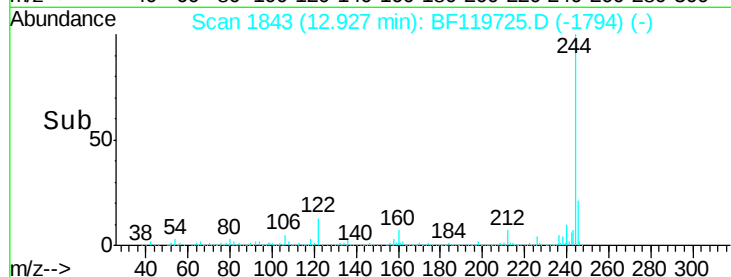
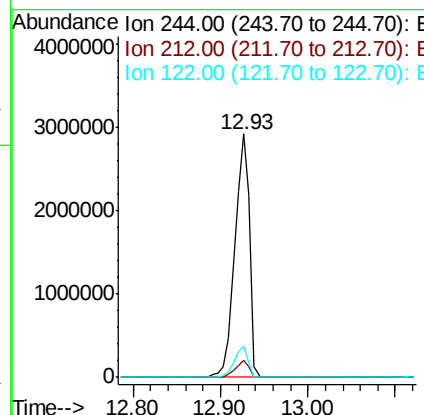
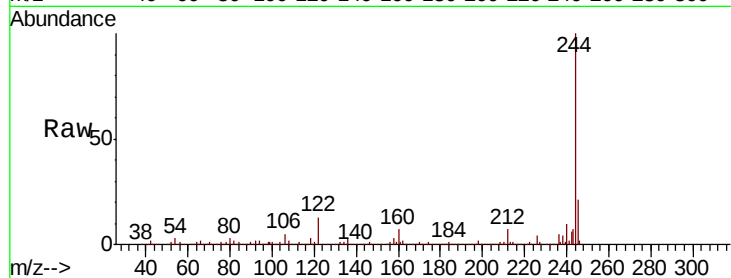
#79
 Terphenyl-d14
 Concen: 114.129 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	10.3	15.5

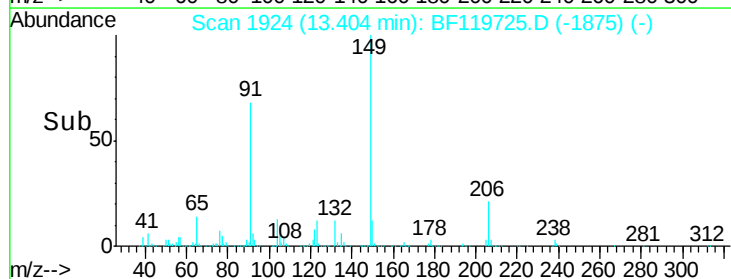
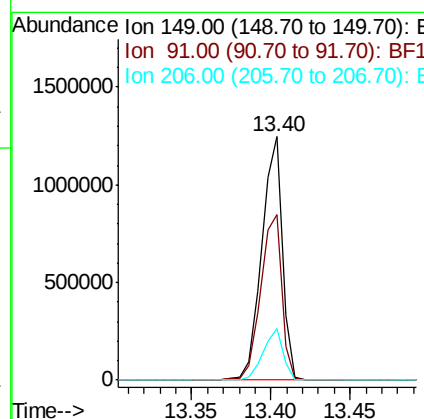
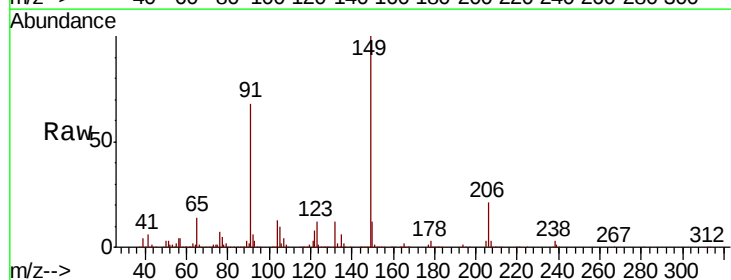
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#80
 Butylbenzylphthalate
 Concen: 59.067 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	54.7	82.1
206	21.3	16.2	24.2





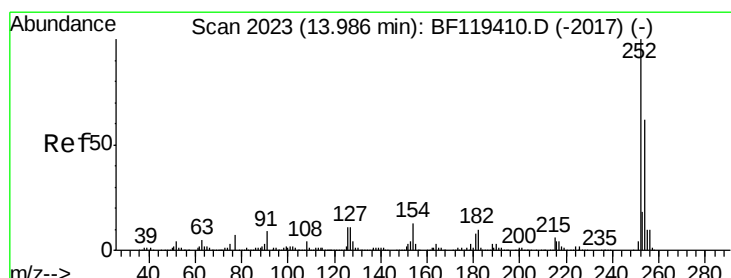
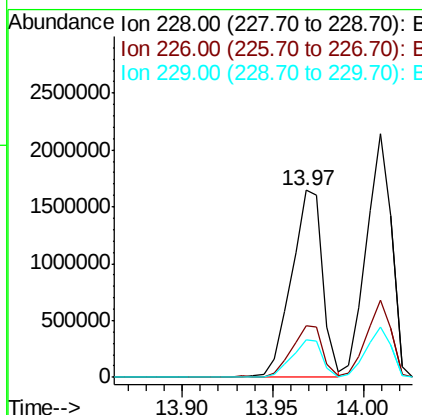
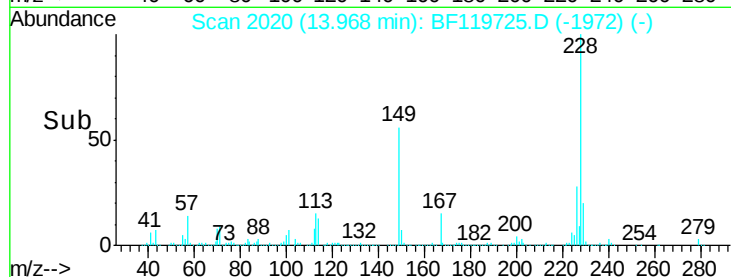
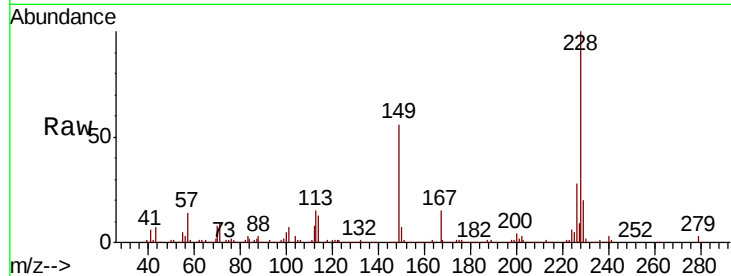
#81
Benzo(a)anthracene
Concen: 52.929 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.2	16.2	24.4

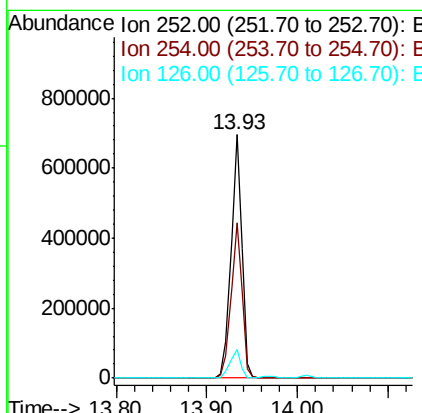
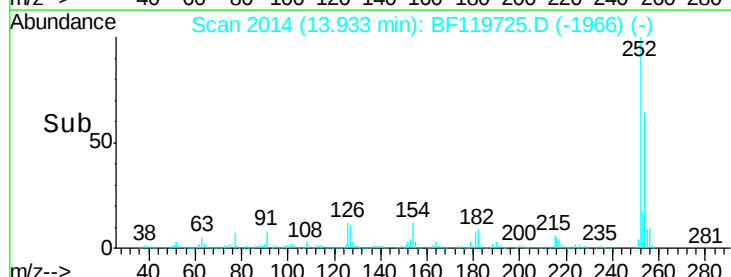
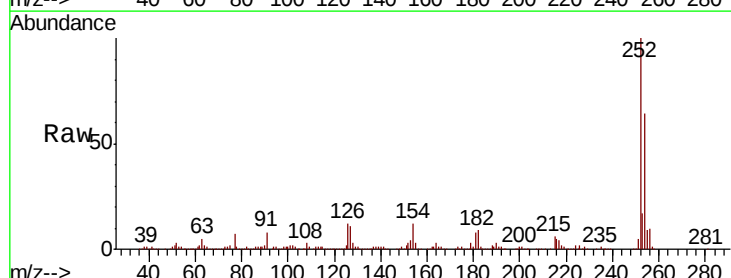
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#82
3,3'-Dichlorobenzidine
Concen: 39.272 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	11.5	9.6	14.4





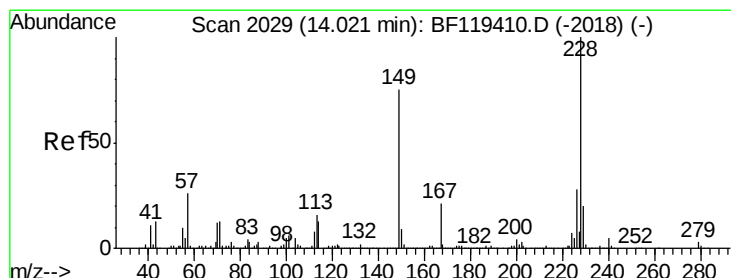
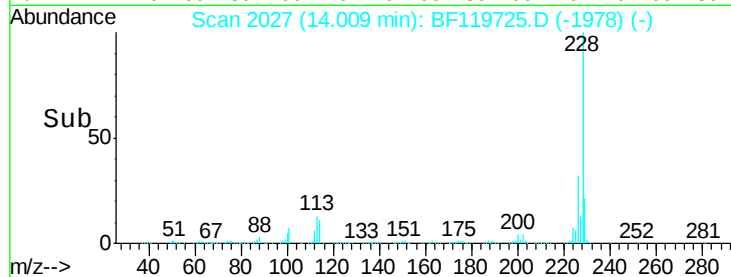
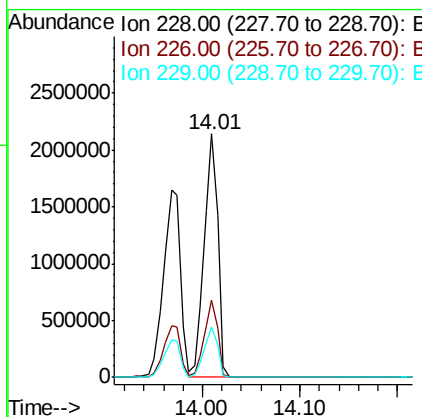
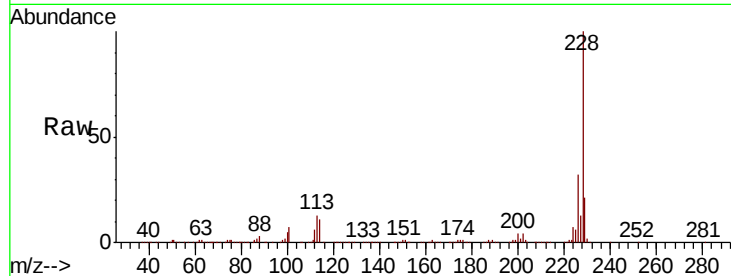
#83
 Chrysene
 Concen: 53.581 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01MSD

Tot Ion:228 Resp: 2075000
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.4 38.0
 229 20.9 16.6 24.8

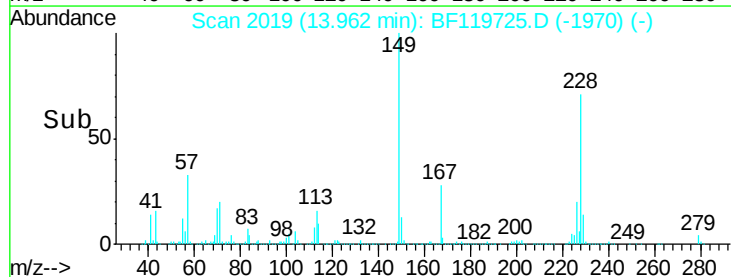
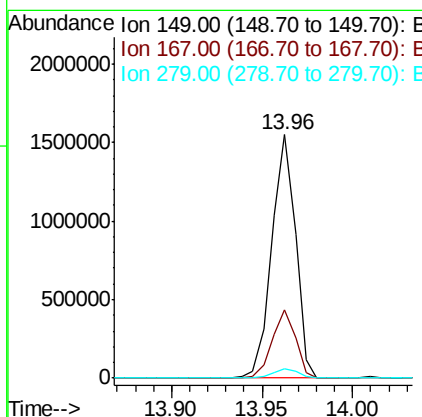
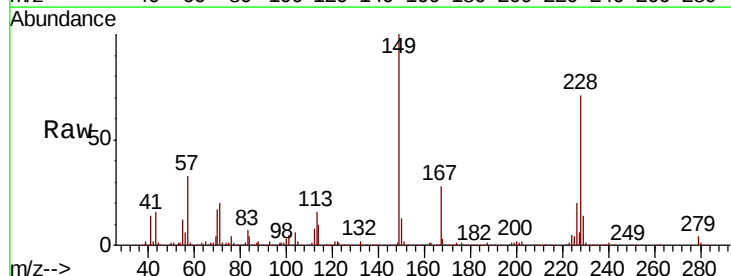
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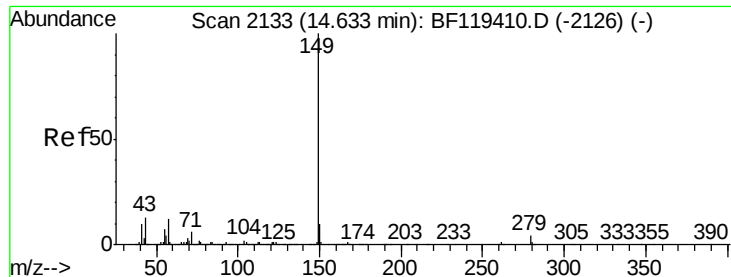
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.105 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119725.D
 Acq: 3 Apr 2020 17:57

Tgt Ion:149 Resp: 1418051
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.9 2.7 4.1





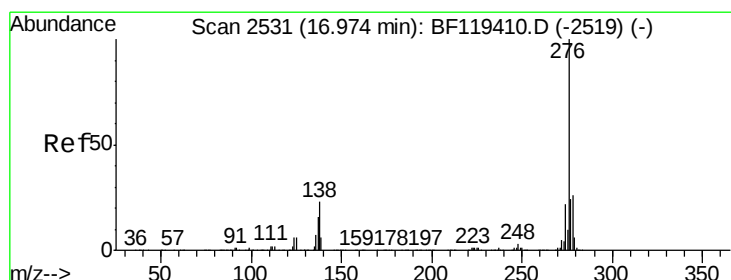
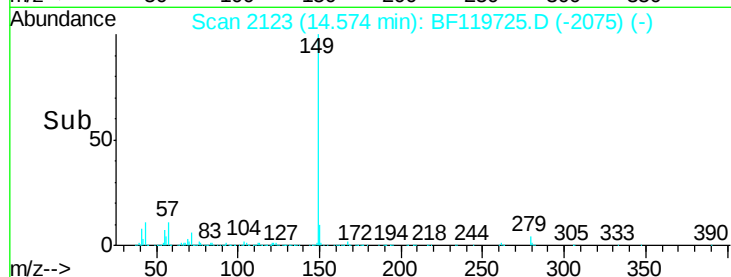
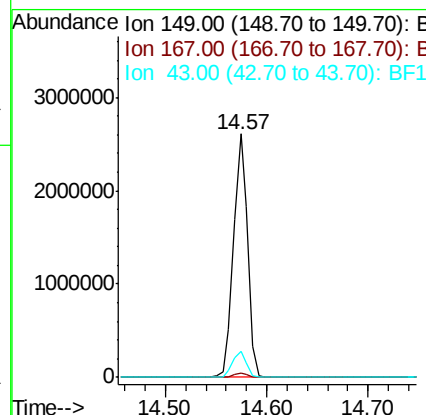
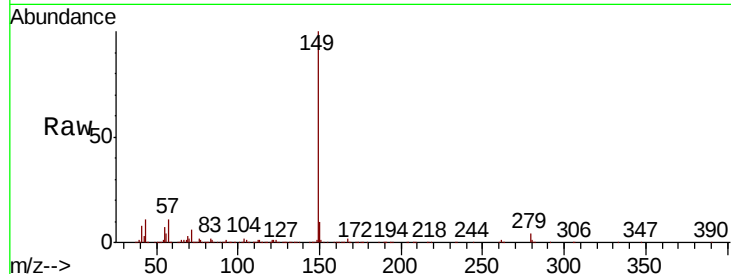
#85
Di-n-octyl phthalate
Concen: 62.572 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.3	13.9

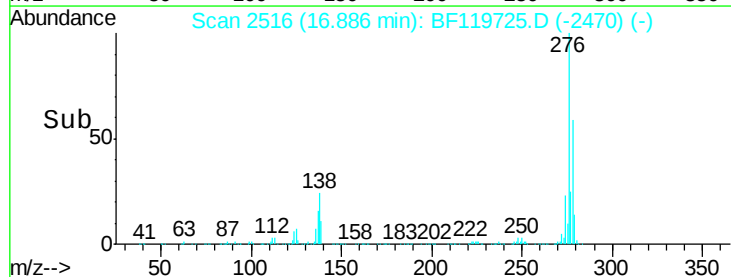
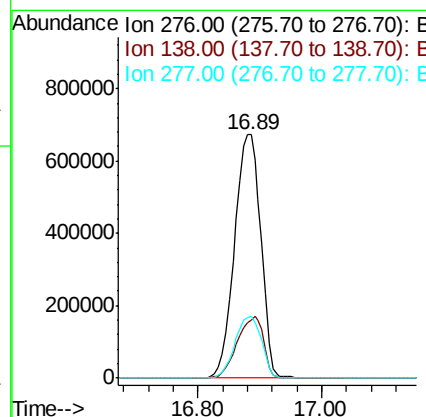
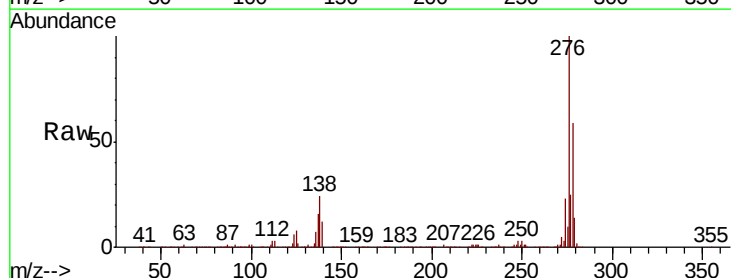
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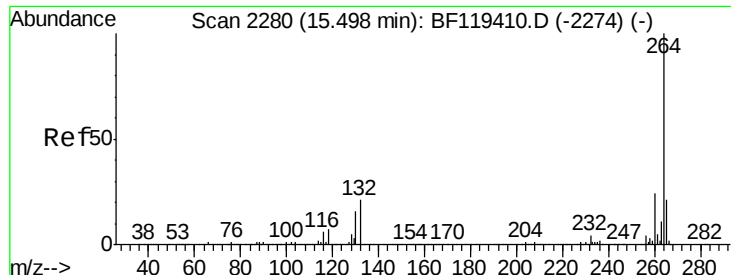
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.474 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	25.6	20.0	30.0





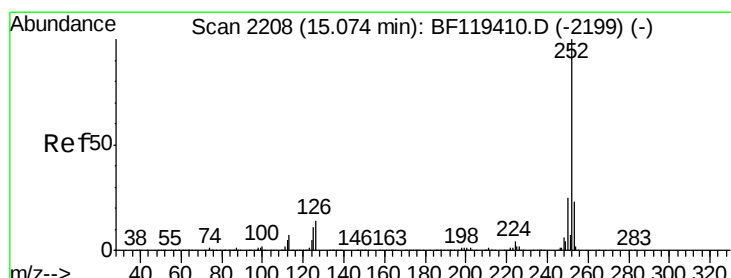
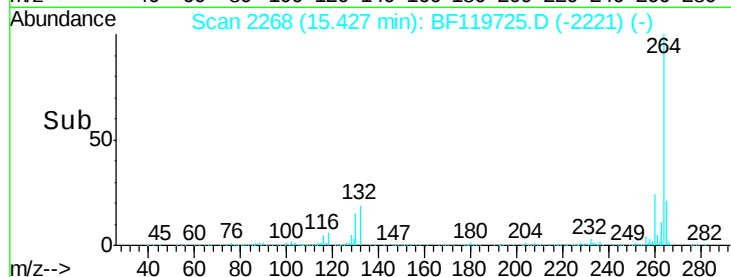
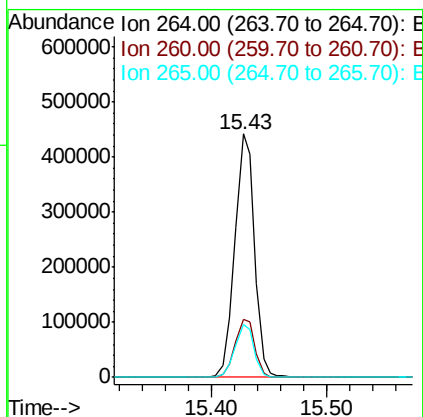
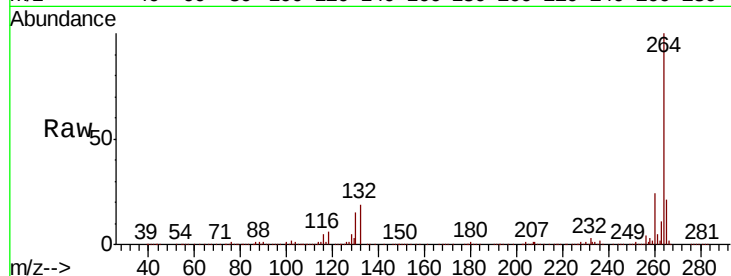
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.7	26.5

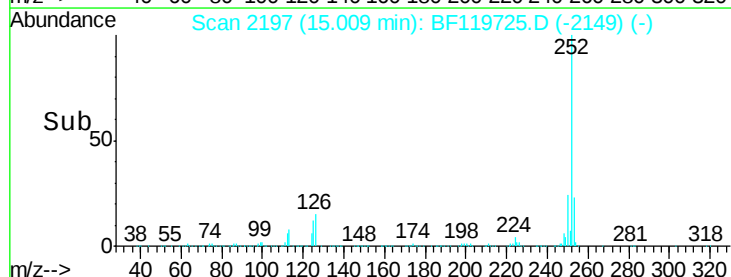
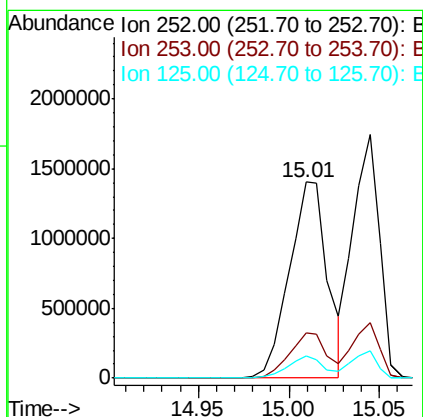
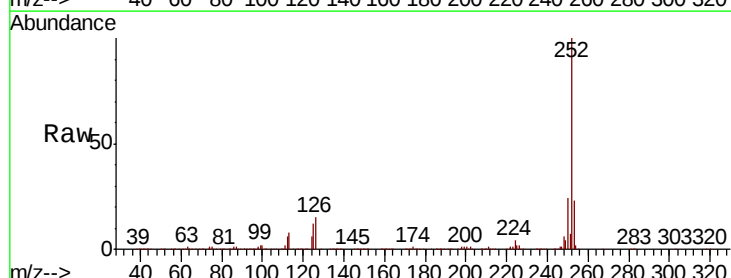
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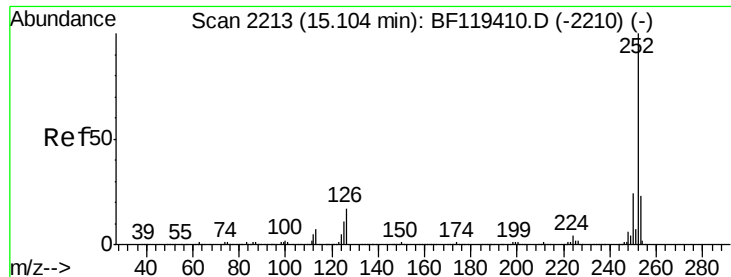
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#88
Benzo(b)fluoranthene
Concen: 59.643 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.6	7.9	11.9





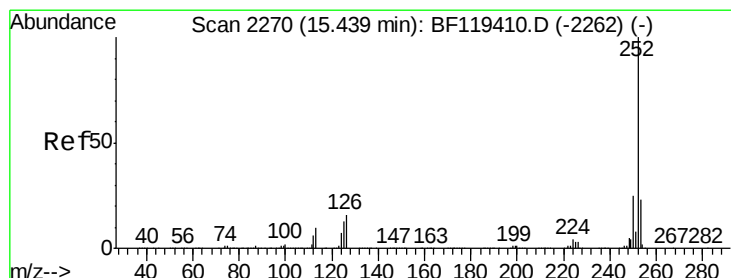
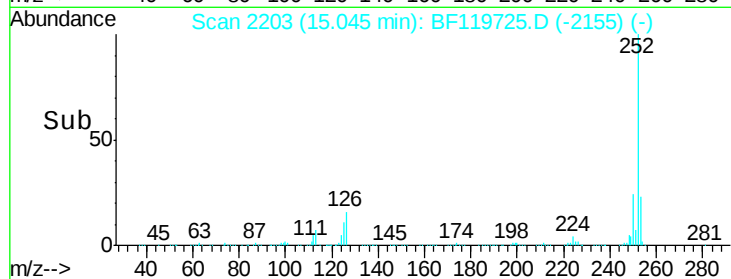
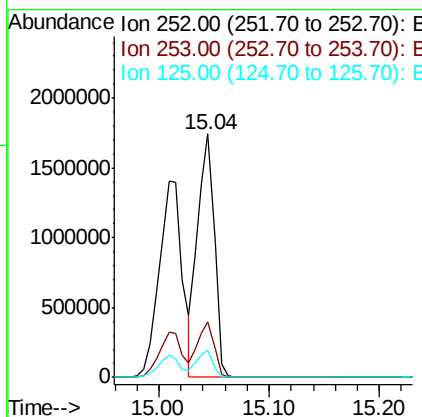
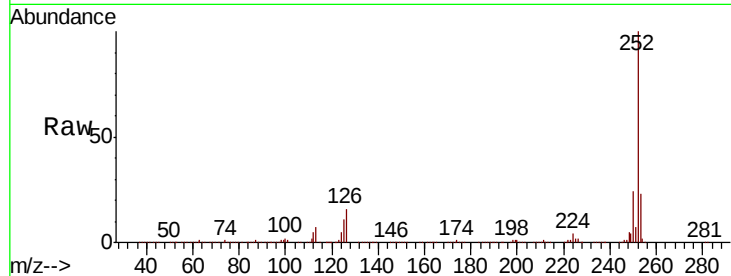
#89
Benzo(k)fluoranthene
Concen: 54.303 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.3	8.4	12.6

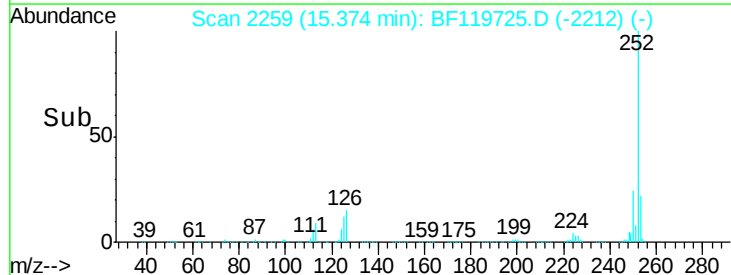
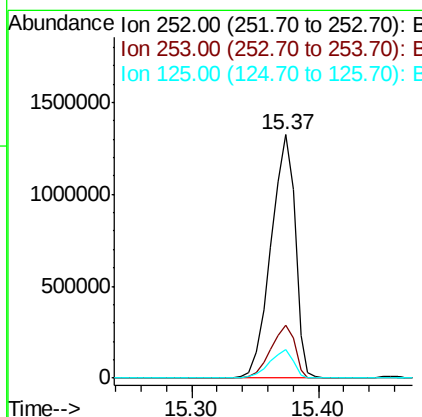
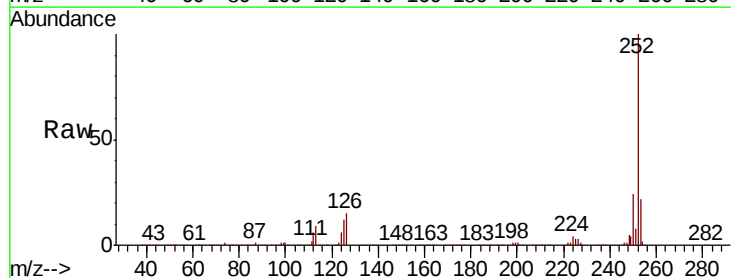
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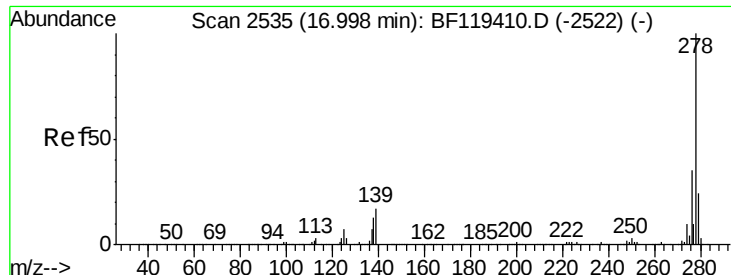
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#90
Benzo(a)pyrene
Concen: 55.491 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.7	9.4	14.2





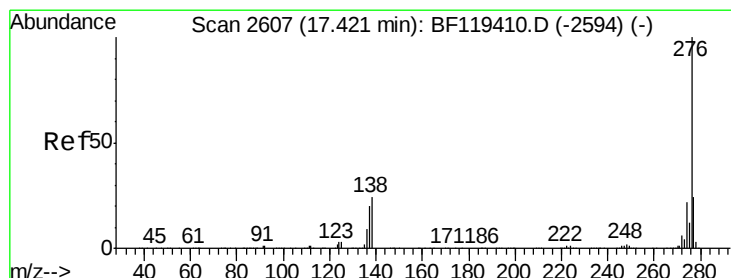
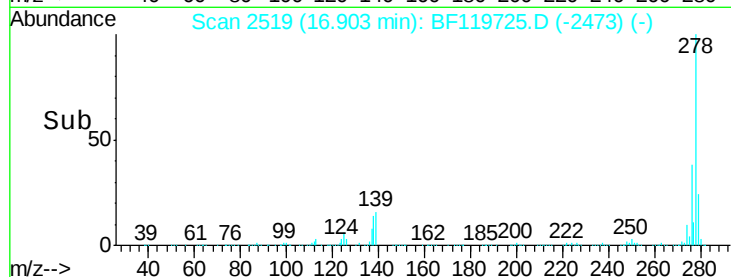
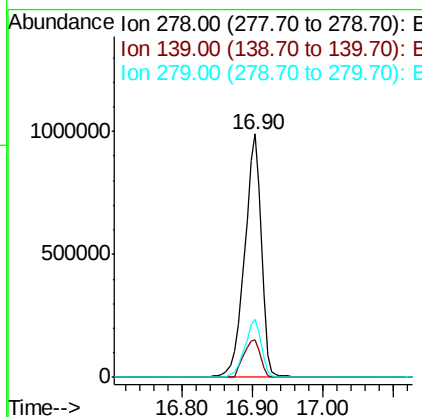
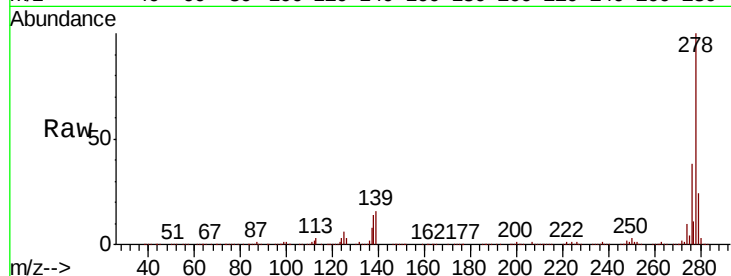
#91
Dibenzo(a,h)anthracene
Concen: 58.895 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	23.9	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 60.331 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.03 min
Lab File: BF119725.D
Acq: 3 Apr 2020 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.4	27.6
138	20.2	15.4	23.0

