

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119838.D
 Acq On : 8 Apr 2020 21:30
 Operator : MA/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:06 AM

Quant Time: Apr 09 01:17:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 21:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	217262	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	806776	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	405653	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	712728	20.00	ng	0.00
76) Chrysene-d12	13.94	240	426304	20.00	ng	0.00
87) Perylene-d12	15.37	264	377334	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1704072	124.86	ng	0.00
7) Phenol-d6	6.42	99	2302440	132.06	ng	0.02
23) Nitrobenzene-d5	7.35	82	2158138	145.38	ng	0.01
42) 2,4,6-Tribromophenol	10.62	330	650682	155.48	ng	0.01
45) 2-Fluorobiphenyl	9.15	172	4002690	146.18	ng	0.00
79) Terphenyl-d14	12.90	244	3636180	167.11	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	387479	57.484	ng	99
3) Pyridine	3.17	79	1010526	54.417	ng	97
4) n-Nitrosodimethylamine	3.15	42	532126	58.761	ng	94
6) Aniline	6.44	93	1540632	64.028	ng	# 56
8) 2-Chlorophenol	6.56	128	989403	69.024	ng	95
9) Benzaldehyde	6.32	77	438675	39.664	ng	97
10) Phenol	6.43	94	1313999	70.635	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	1033120	69.438	ng	98
12) 1,3-Dichlorobenzene	6.72	146	999926	64.453	ng	99
13) 1,4-Dichlorobenzene	6.79	146	1119352	72.133	ng	98
14) 1,2-Dichlorobenzene	6.95	146	1020344	70.347	ng	98
15) Benzyl Alcohol	6.93	79	884534	67.448	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1942123	64.715	ng	96
17) 2-Methylphenol	7.03	107	927396	70.613	ng	97
18) Hexachloroethane	7.29	117	404802	71.183	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	723108	68.812	ng	97
20) 3+4-Methylphenols	7.20	107	998256	62.021	ng	94
22) Acetophenone	7.20	105	1262775	65.505	ng	# 94
24) Nitrobenzene	7.37	77	1068563	67.356	ng	99
25) Isophorone	7.61	82	2188547	72.678	ng	99
26) 2-Nitrophenol	7.68	139	546161	87.436	ng	91
27) 2,4-Dimethylphenol	7.72	122	789979	61.163	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	1196325	67.184	ng	99
29) 2,4-Dichlorophenol	7.92	162	933436	78.654	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	1012124	77.117	ng	98
31) Naphthalene	8.09	128	3055809	73.603	ng	98
32) Benzoic acid	7.89	122	811170	97.634	ng	98
33) 4-Chloroaniline	8.13	127	1402929	73.745	ng	99
34) Hexachlorobutadiene	8.20	225	603771	82.221	ng	99
35) Caprolactam	8.55	113	309360m	79.650	ng	
36) 4-Chloro-3-methylphenol	8.63	107	987990	76.170	ng	96
37) 2-Methylnaphthalene	8.77	142	2094201	76.858	ng	99
38) 1-Methylnaphthalene	8.87	142	1954328	75.777	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	941086	79.149	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	589505	87.210	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	684299	80.423	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	776134	81.426	nq	100
46) 1,1'-Biphenyl	9.25	154	2523805	76.390	nq	96
47) 2-Chloronaphthalene	9.27	162	1950300	75.361	nq	96
48) 2-Nitroaniline	9.36	65	743025	83.181	nq	97
49) Acenaphthylene	9.69	152	2932189	72.150	nq	99
50) Dimethylphthalate	9.56	163	2389483	82.929	nq	100
51) 2,6-Dinitrotoluene	9.62	165	526347	85.224	nq #	84
52) Acenaphthene	9.86	154	1955342m	77.178	nq	
53) 3-Nitroaniline	9.79	138	588642	75.494	nq	97
54) 2,4-Dinitrophenol	9.89	184	332556	146.881	nq	94
55) Dibenzofuran	10.03	168	2383182	65.608	nq	97
56) 4-Nitrophenol	9.95	139	430360	69.967	nq	97
57) 2,4-Dinitrotoluene	10.02	165	620808	79.794	nq #	87
58) Fluorene	10.37	166	1840747	68.527	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	515143	72.302	nq	99
60) Diethylphthalate	10.25	149	2206109	75.437	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	915459	69.692	nq	96
62) 4-Nitroaniline	10.41	138	505173	67.564	nq	99
63) Azobenzene	10.52	77	2006620	68.138	nq	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	356395	119.249	nq	77
66) n-Nitrosodiphenylamine	10.49	169	1686657	72.086	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	653266	80.481	nq	96
68) Hexachlorobenzene	10.92	284	649909	78.230	nq	98
69) Atrazine	11.02	200	444786	69.341	nq	96
70) Pentachlorophenol	11.11	266	380866	78.187	nq	99
71) Phenanthrene	11.33	178	2823545	76.401	nq	97
72) Anthracene	11.39	178	2827979	75.291	nq	99
73) Carbazole	11.54	167	2590637	69.682	nq	98
74) Di-n-butylphthalate	11.87	149	3273549	82.311	nq	98
75) Fluoranthene	12.52	202	2897709	72.450	nq	97
77) Benzidine	12.64	184	1334797m	73.986	nq	
78) Pyrene	12.75	202	2711389	77.498	nq	98
80) Butylbenzylphthalate	13.37	149	1347727	95.243	nq	100
81) Benzo(a)anthracene	13.94	228	2061600	74.367	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	745160	68.173	nq	97
83) Chrysene	13.97	228	2146341	75.020	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	1799889	106.701	nq	98
85) Di-n-octyl phthalate	14.54	149	2986756	100.677	nq	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	1901921	70.585	nq	99
88) Benzo(b)fluoranthene	14.97	252	2204084	87.443	nq	99
89) Benzo(k)fluoranthene	15.00	252	1728357	72.011	nq	99
90) Benzo(a)pyrene	15.33	252	1773616	77.428	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	1547742	77.249	nq	99
92) Benzo(g,h,i)perylene	17.24	276	1563552	77.679	nq	98

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



#1

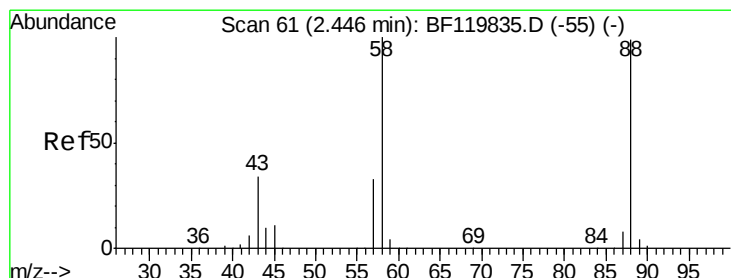
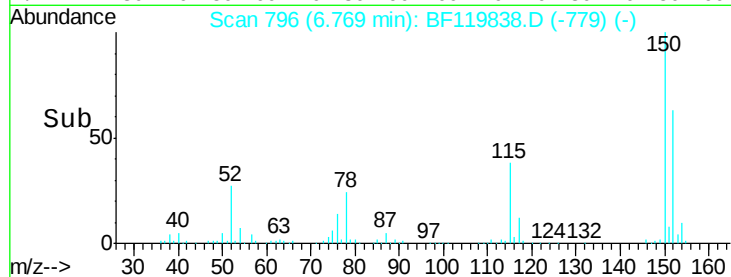
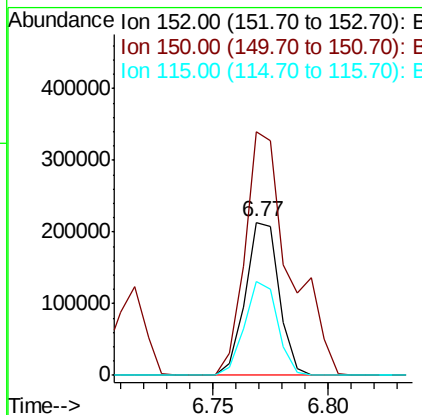
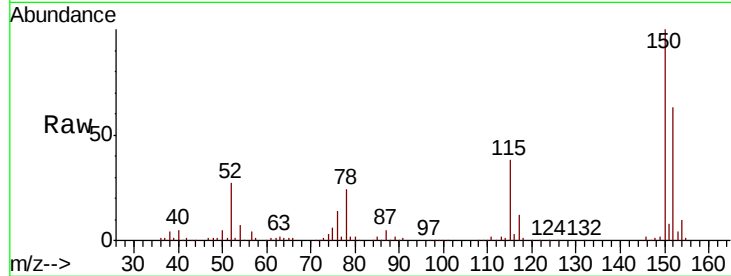
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.8	187.2
115	61.0	46.5	69.7

Manual Integrations
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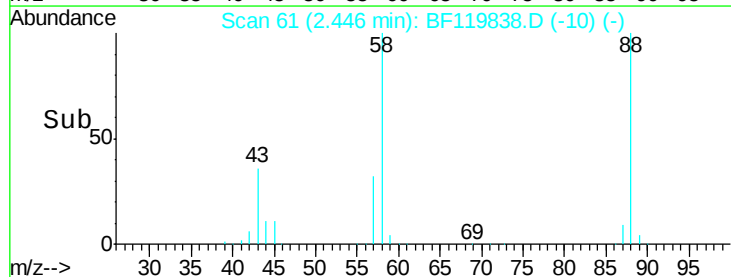
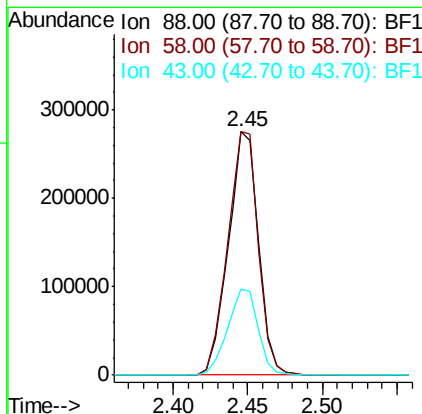
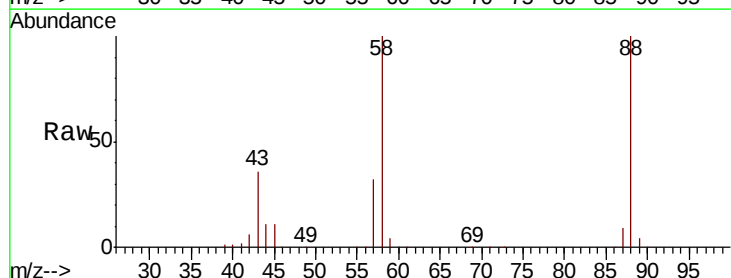
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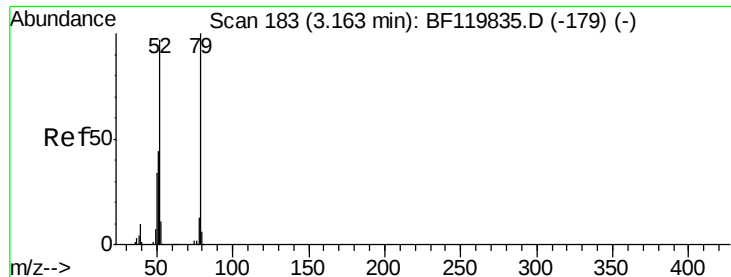


#2

1,4-Dioxane
 Concen: 57.484 ng
 RT: 2.45 min Scan# 61
 Delta R.T. 0.00 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	82.6	123.8
43	36.2	28.6	42.8





#3

Pvridine

Concen: 54.417 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1010526

Ion Ratio Lower Upper

79 100

52 99.3 77.4 116.0

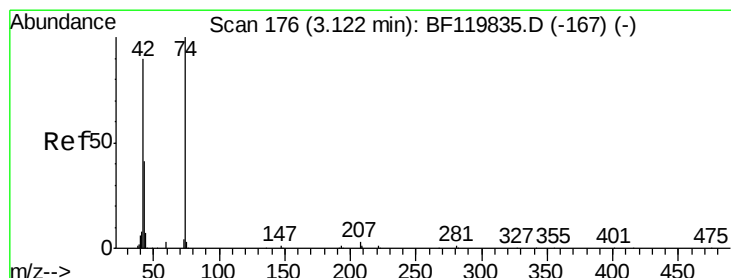
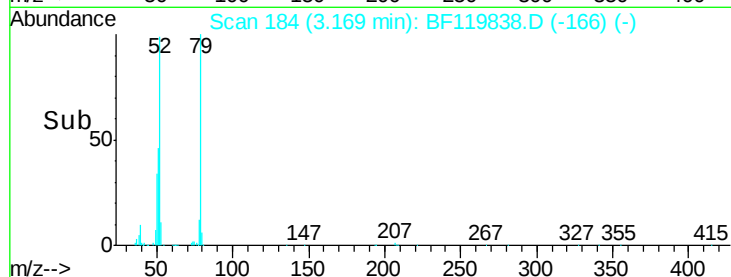
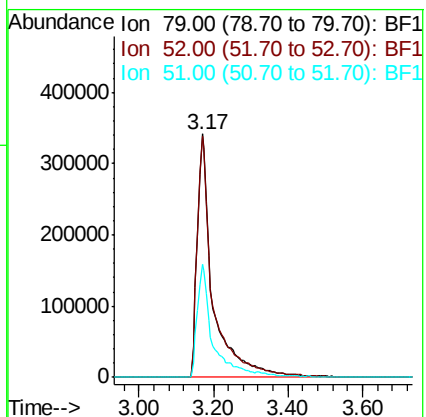
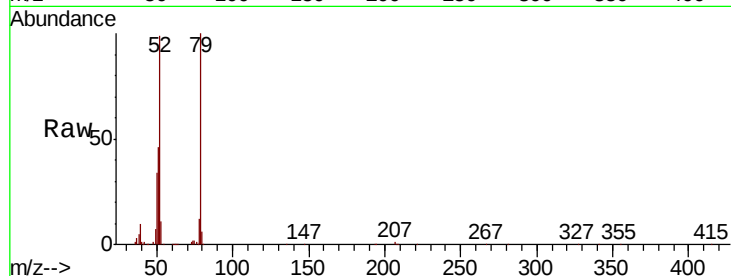
51 46.4 35.3 52.9

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#4

n-Nitrosodimethylamine

Concen: 58.761 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

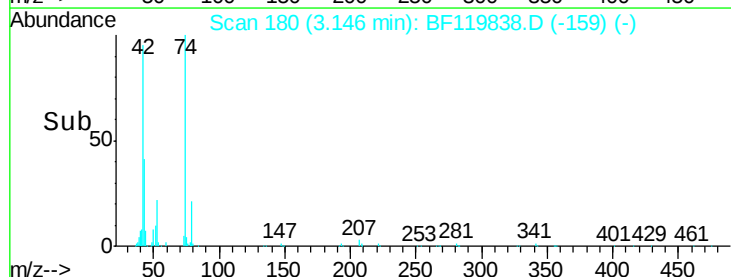
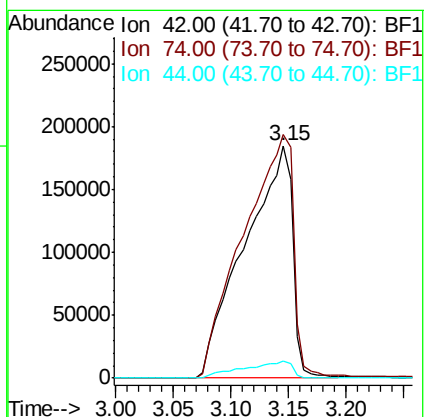
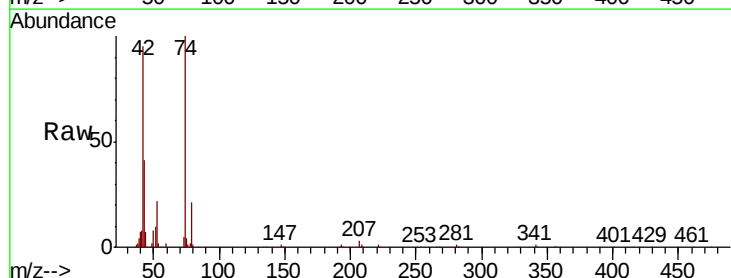
Tgt Ion: 42 Resp: 532126

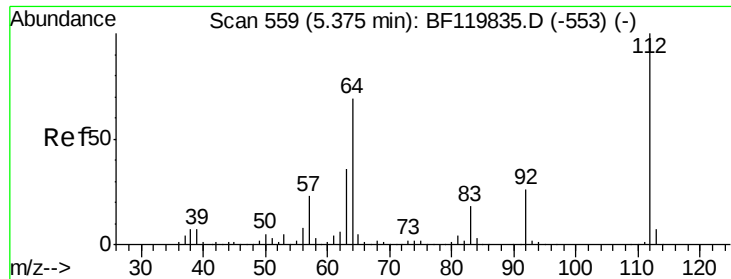
Ion Ratio Lower Upper

42 100

74 104.9 89.0 133.4

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 124.859 ng

RT: 5.38 min Scan# 560

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

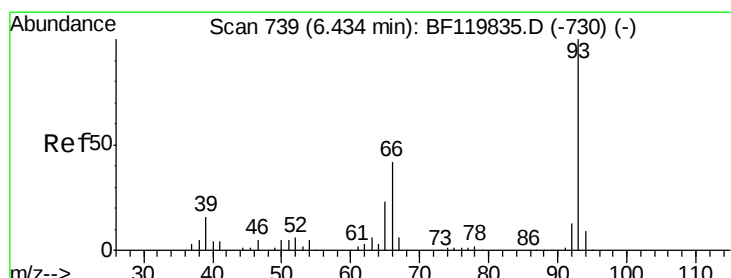
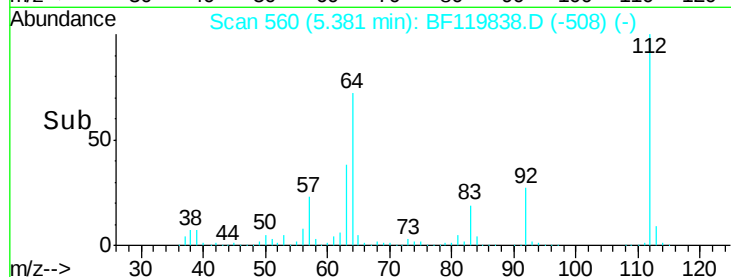
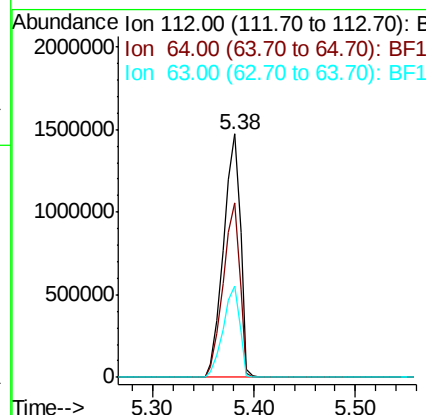
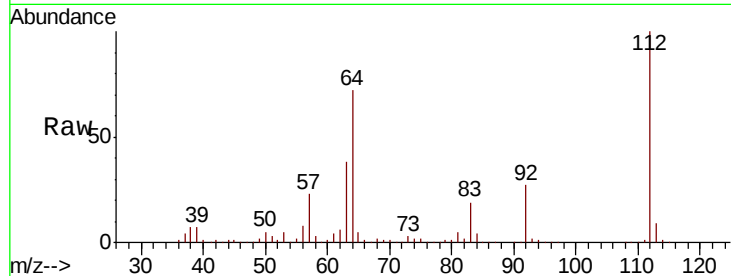
ClientSampleId :

SSTDIC080

Tot Ion:	112	Resp:	1704072
Ion	Ratio	Lower	Upper
112	100		
64	71.5	55.5	83.3
63	37.6	29.1	43.7

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#6

Aniline

Concen: 64.028 ng

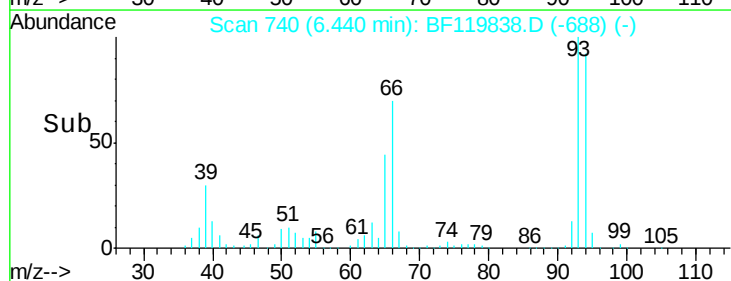
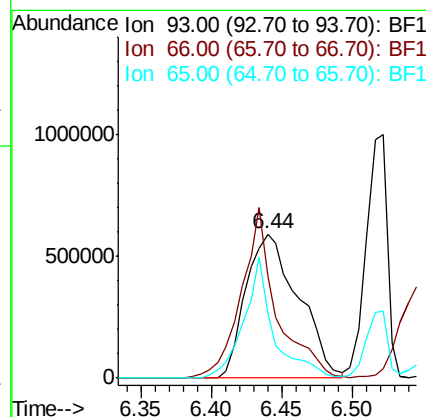
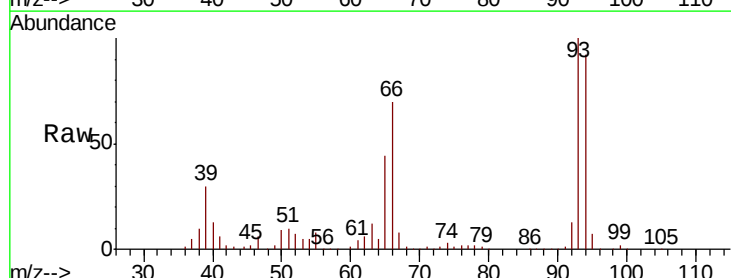
RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tgt Ion:	93	Resp:	1540632
Ion	Ratio	Lower	Upper
93	100		
66	70.4	34.2	51.2#
65	44.5	18.3	27.5#





#7

Phenol-d6

Concen: 132.064 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2302440

Ion Ratio Lower Upper

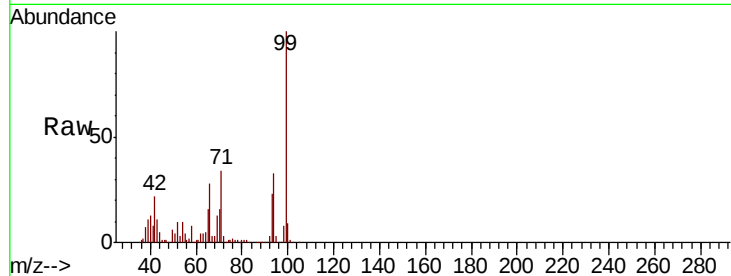
99 100

42 21.6 16.9 25.3

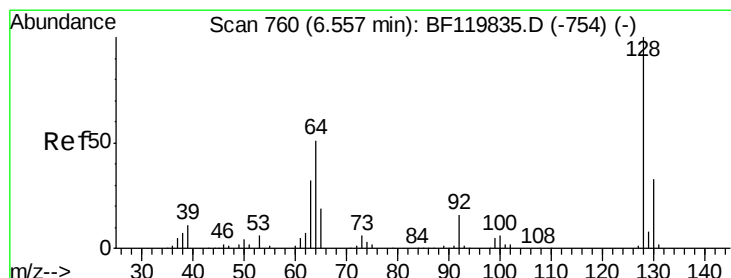
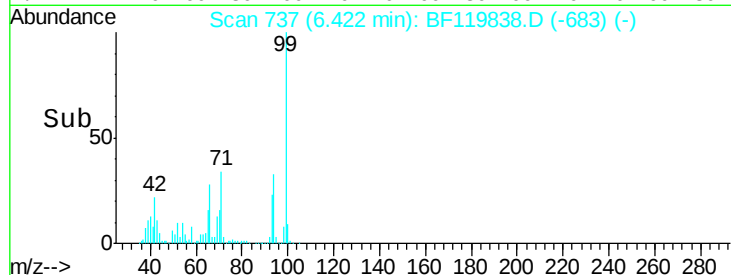
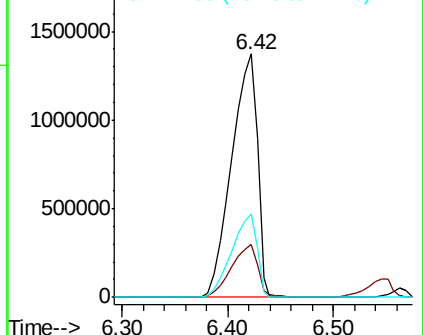
71 34.1 26.3 39.5

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



#8

2-Chlorophenol

Concen: 69.024 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

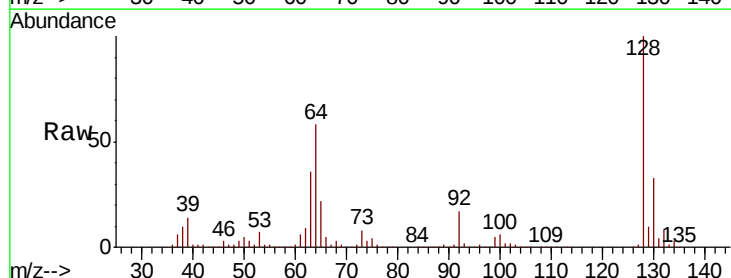
Tgt Ion: 128 Resp: 989403

Ion Ratio Lower Upper

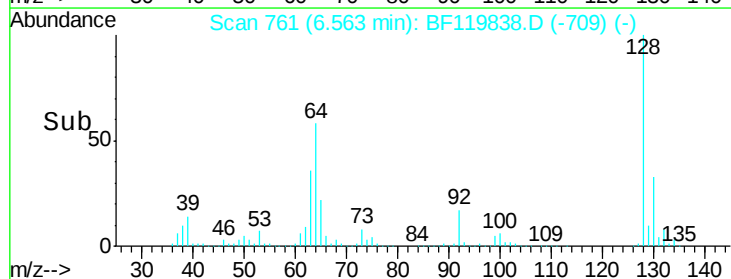
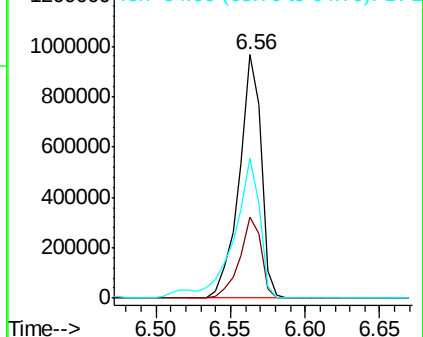
128 100

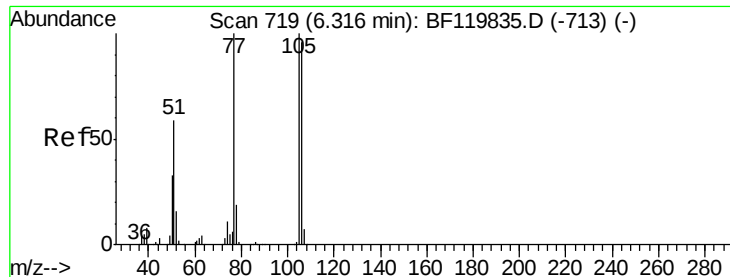
130 33.2 12.6 52.6

64 57.6 32.0 72.0



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





#9

Benzaldehyde

Concen: 39.664 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

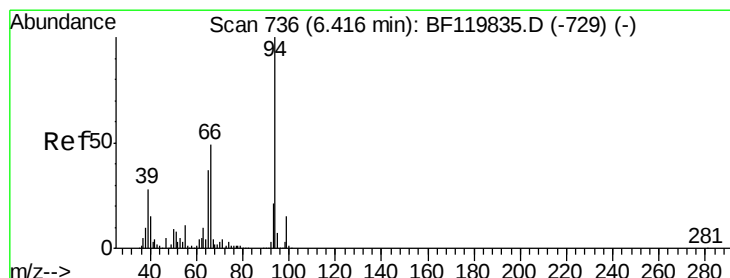
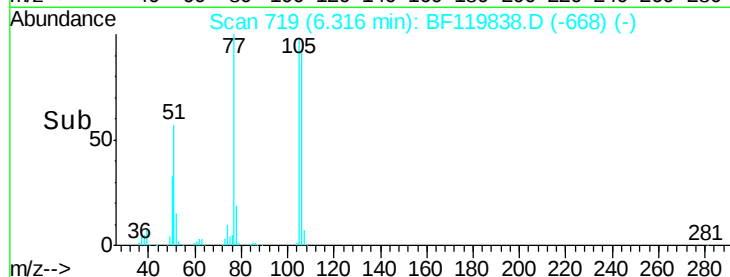
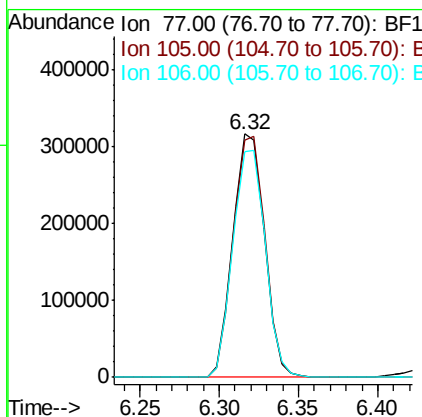
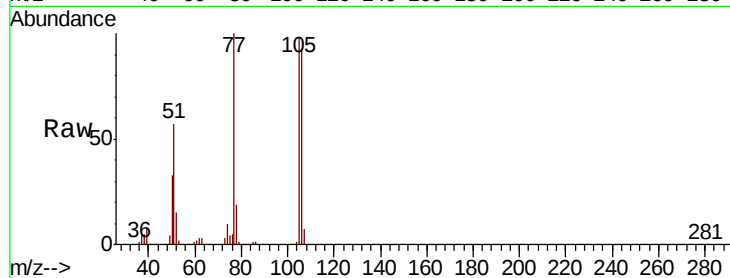
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	438675
Ion	Ratio	Lower	Upper
77	100		
105	97.6	79.9	119.9
106	92.8	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 70.635 ng

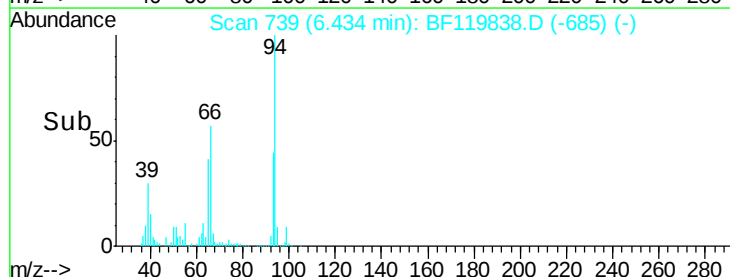
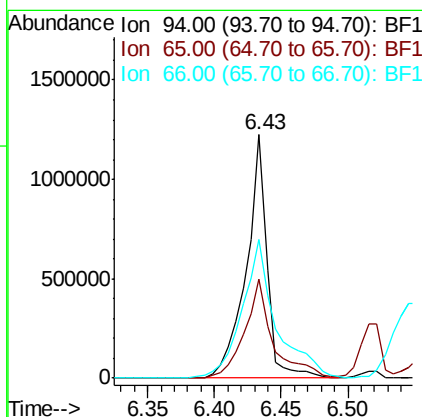
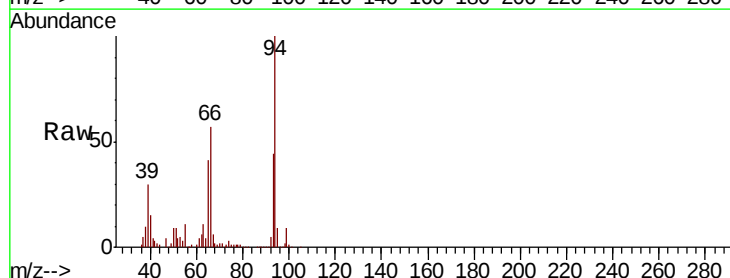
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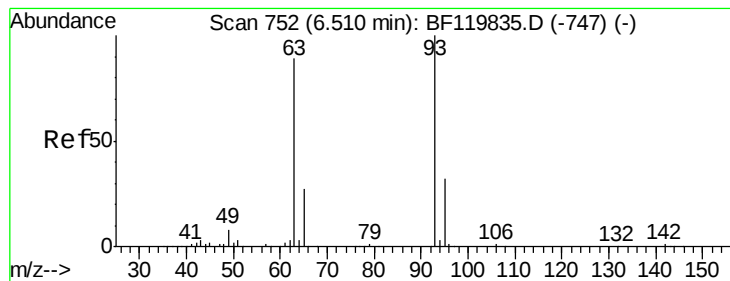
Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tgt Ion:	94	Resp:	1313999
Ion	Ratio	Lower	Upper
94	100		
65	40.6	16.6	56.6
66	57.0	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 69.438 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 93 Resp: 1033120

Ion Ratio Lower Upper

93 100

63 88.0 69.1 109.1

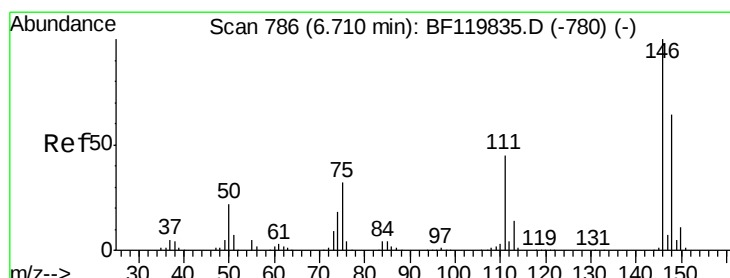
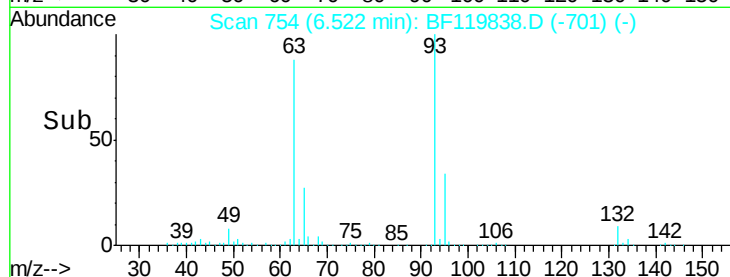
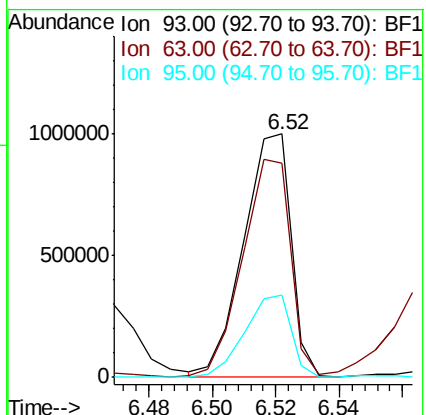
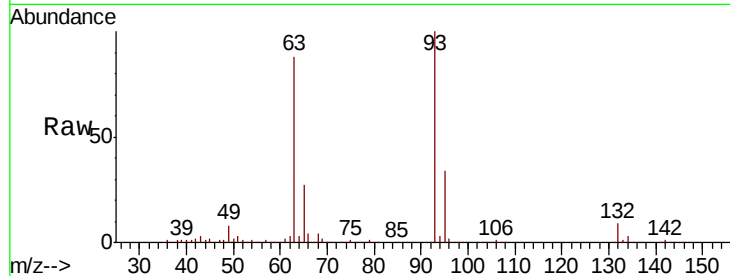
95 33.7 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 64.453 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

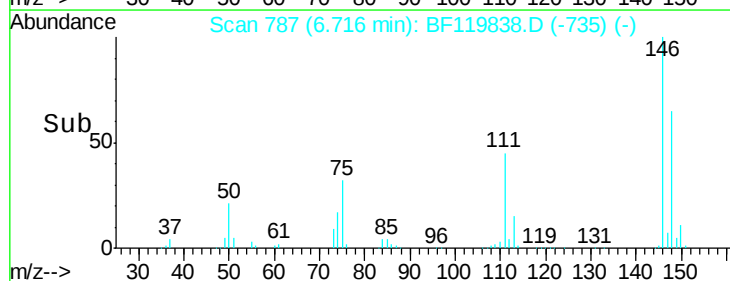
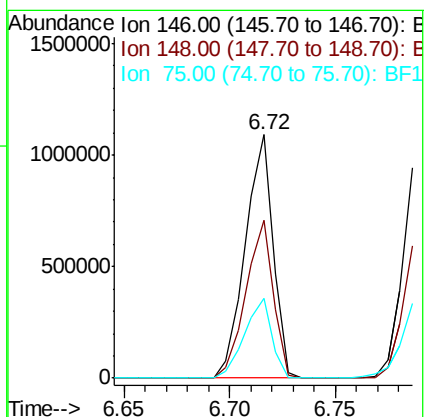
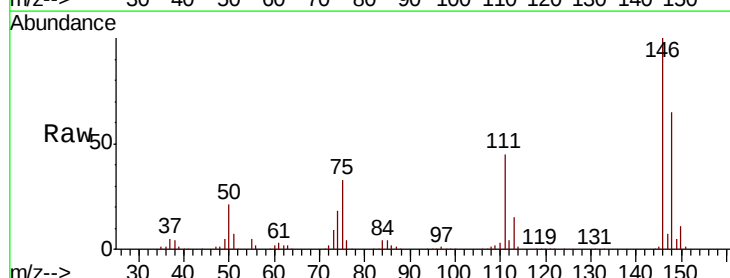
Tgt Ion: 146 Resp: 999926

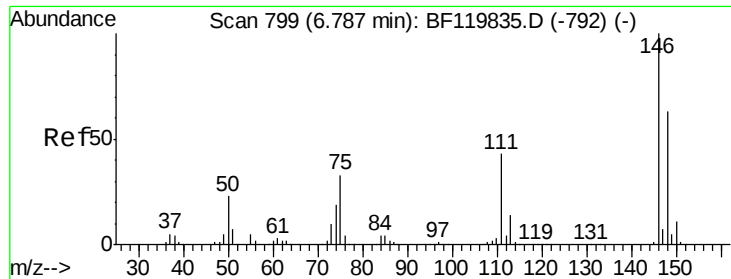
Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

75 32.5 25.3 37.9





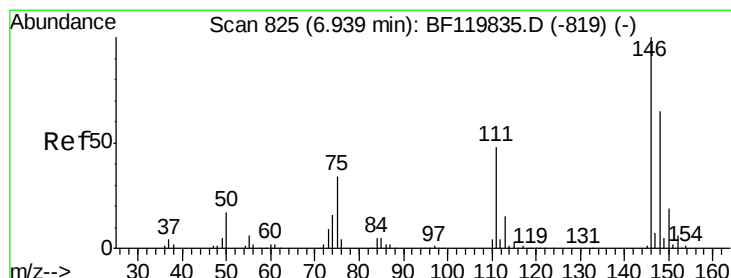
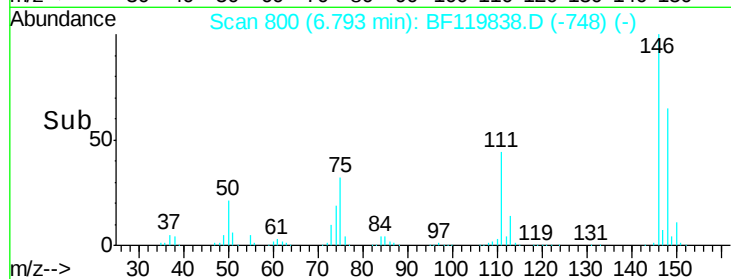
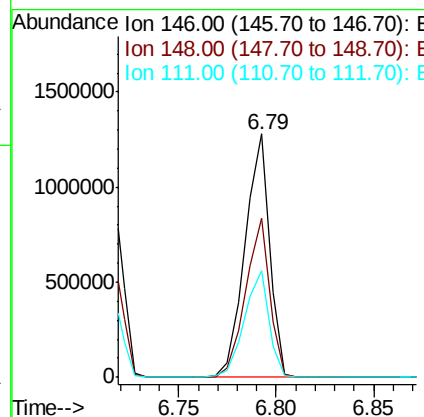
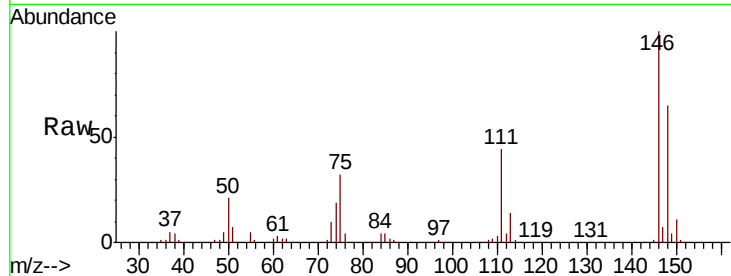
#13
 1,4-Dichlorobenzene
 Concen: 72.133 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:146 Resp: 1119352
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.5 75.7
 111 43.6 34.7 52.1

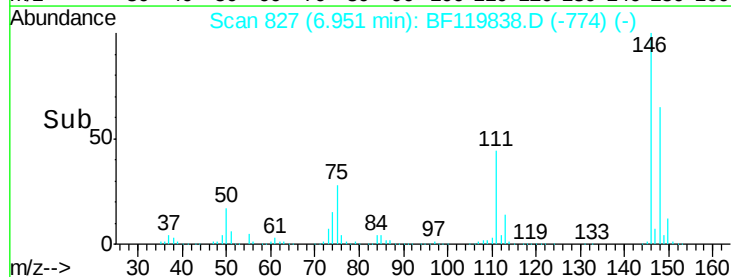
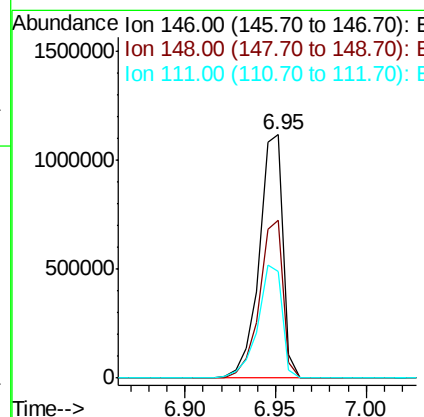
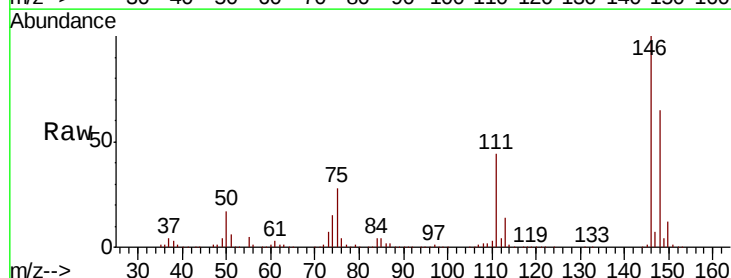
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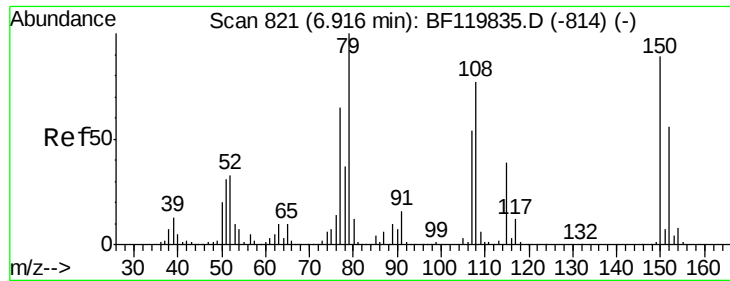
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#14
 1,2-Dichlorobenzene
 Concen: 70.347 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion:146 Resp: 1020344
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.8
 111 43.8 38.0 57.0





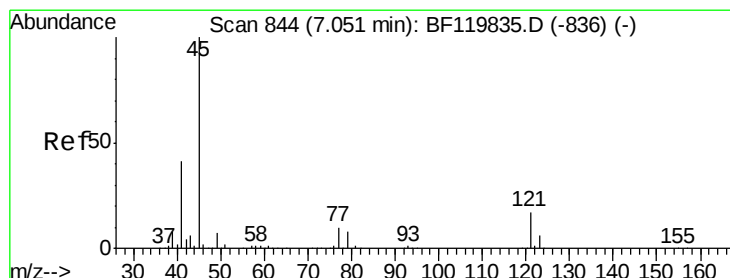
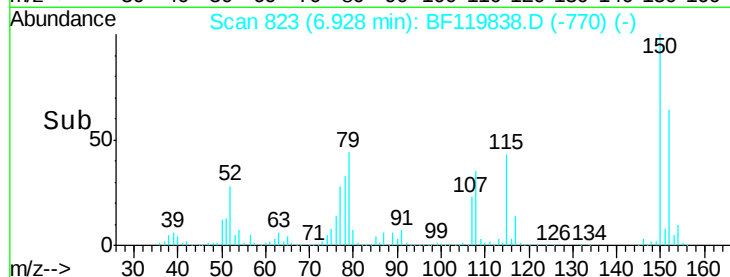
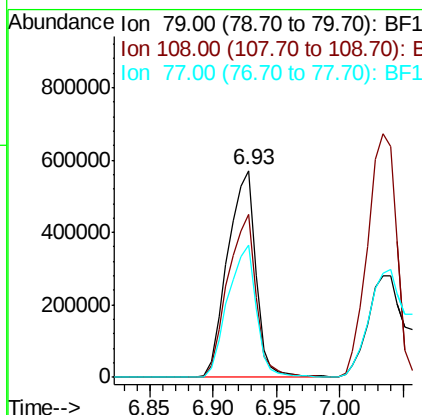
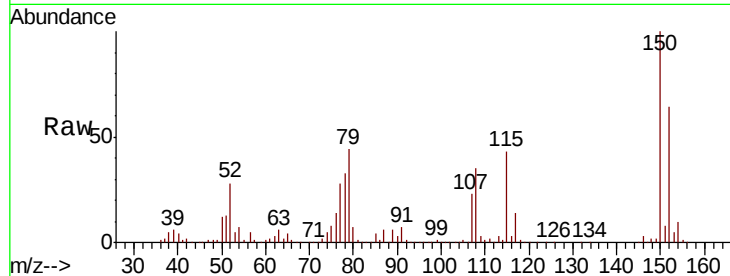
#15
Benzyl Alcohol
Concen: 67.448 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.0	93.0
77	64.0	51.8	77.6

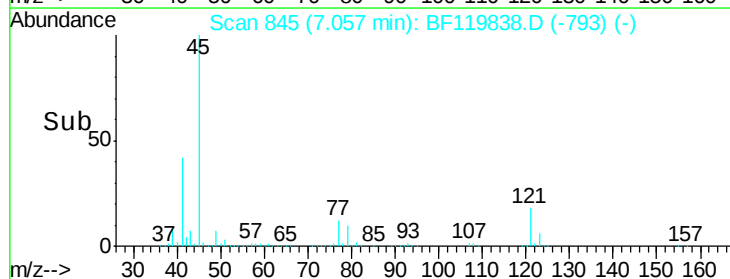
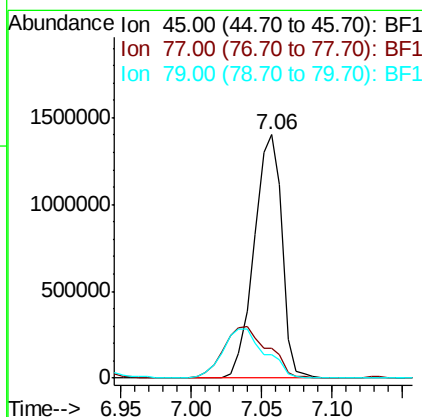
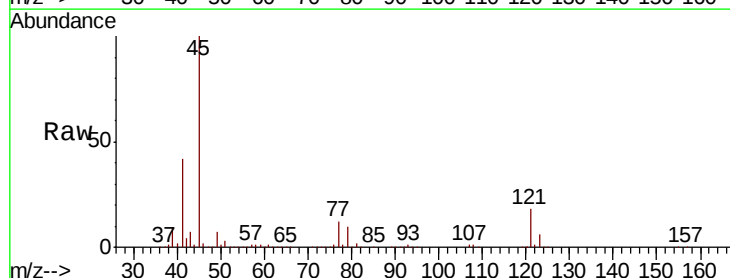
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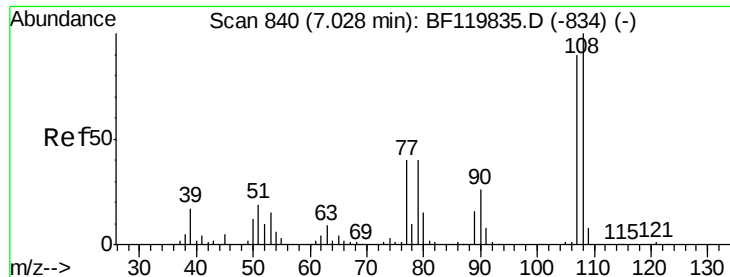
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#16
2,2'-oxybis(1-chloropropane)
Concen: 64.715 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.7
79	9.5	0.0	28.6





#17

2-Methylphenol

Concen: 70.613 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

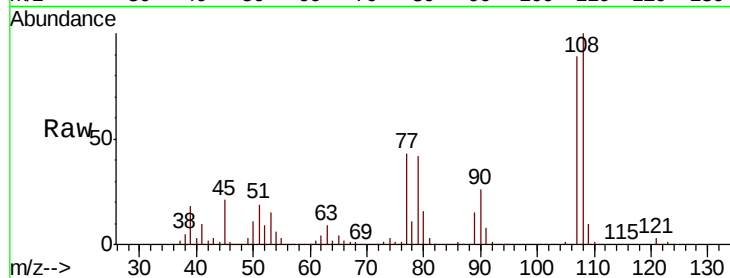
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	88.8	133.2
77	48.2	36.0	54.0
79	46.9	35.7	53.5

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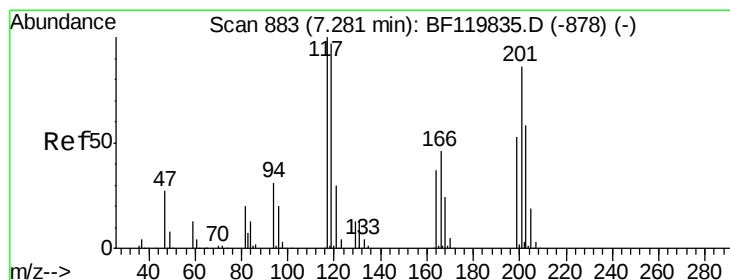
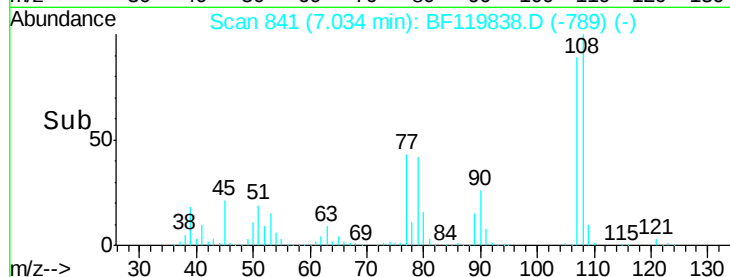
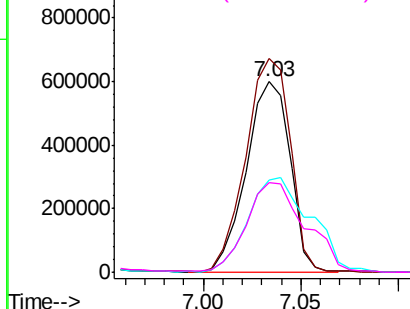
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 71.183 ng

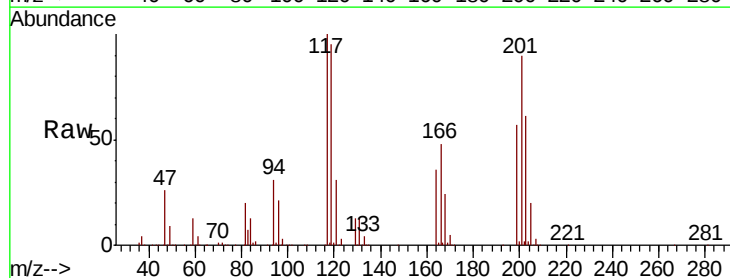
RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	90.4	68.4	102.6

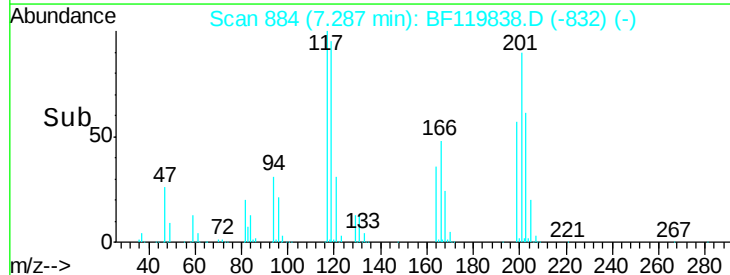
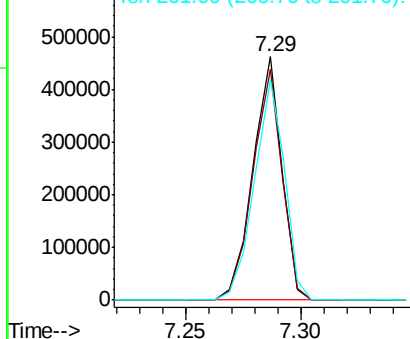


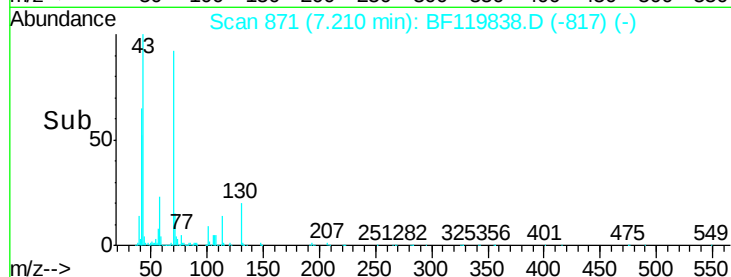
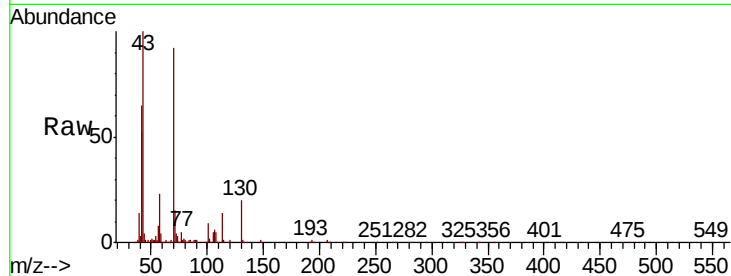
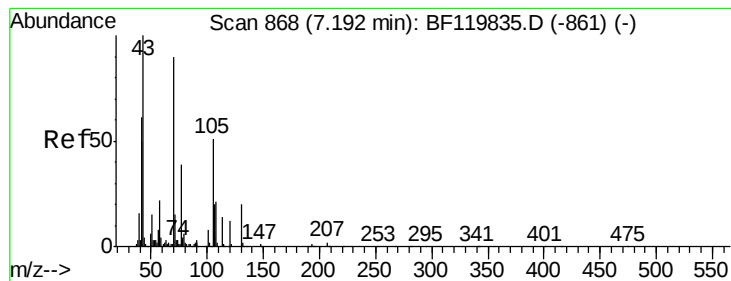
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 68.812 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	54.2	81.4
101	9.8	7.4	11.2
130	21.4	17.8	26.6

Instrument :

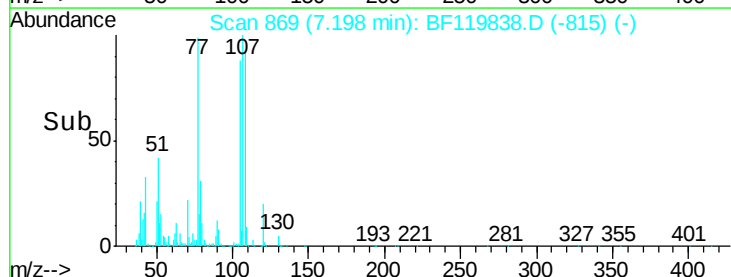
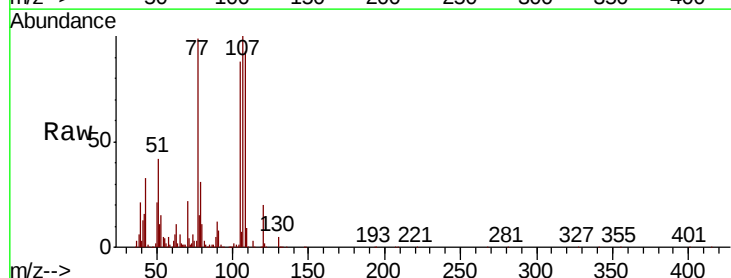
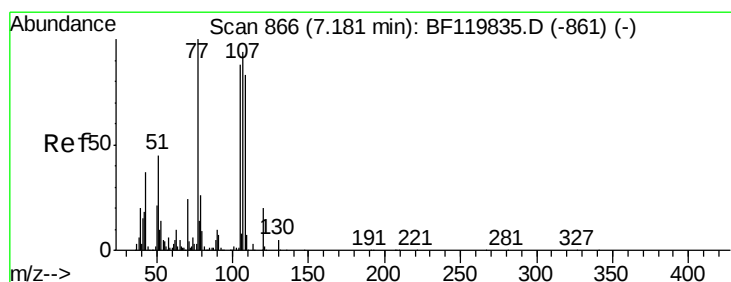
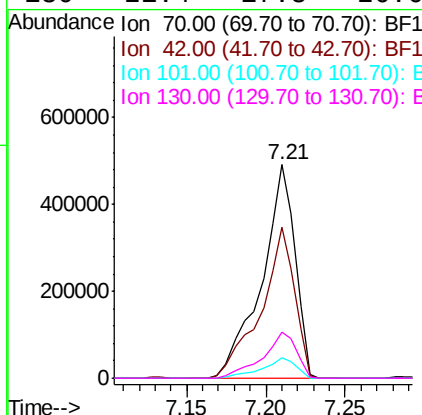
BNA_F

ClientSampleId :

SSTDIC080

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#20

3+4-Methylphenols

Concen: 62.021 ng

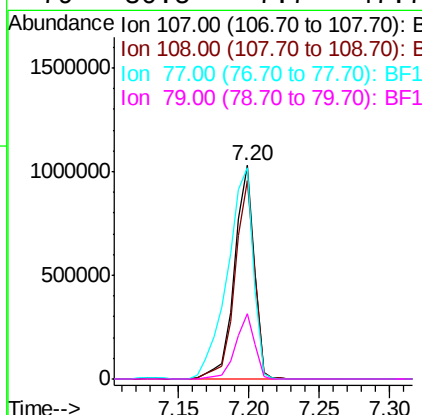
RT: 7.20 min Scan# 869

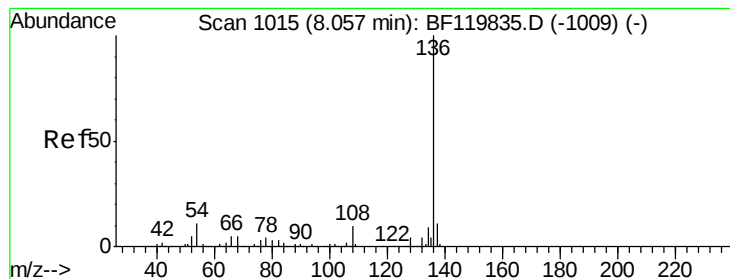
Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	98.9	86.6	126.6
79	30.5	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

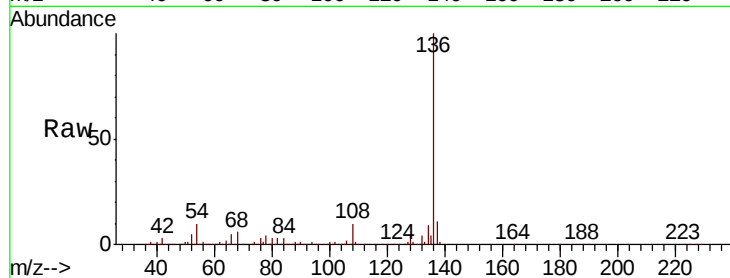
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	806776		
137	11.3		8.7	13.1
54	10.5		8.5	12.7
68	5.8		3.9	5.9

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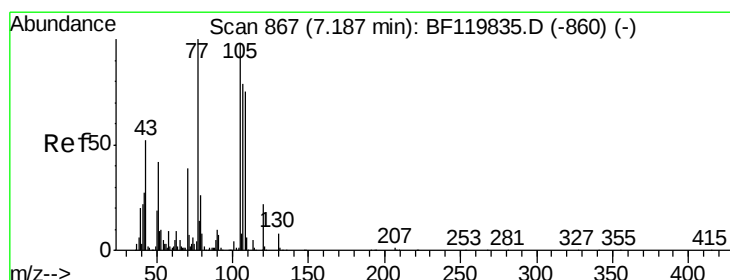
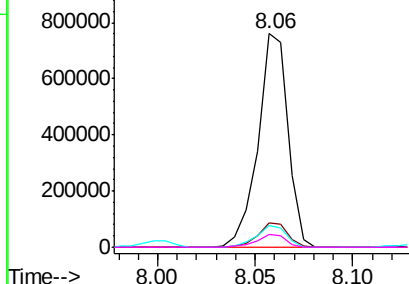
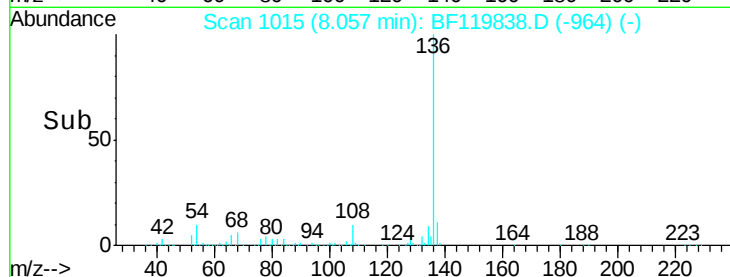
Abundance

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: 65.505 ng

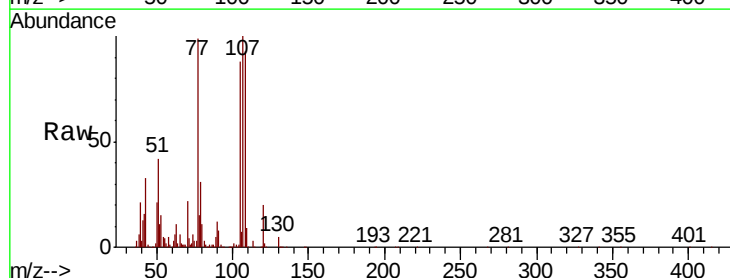
RT: 7.20 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1262775		
71	4.5		5.6	8.4#
51	48.0		33.9	50.9
120	22.3		17.8	26.8



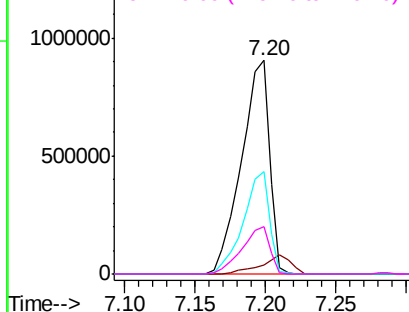
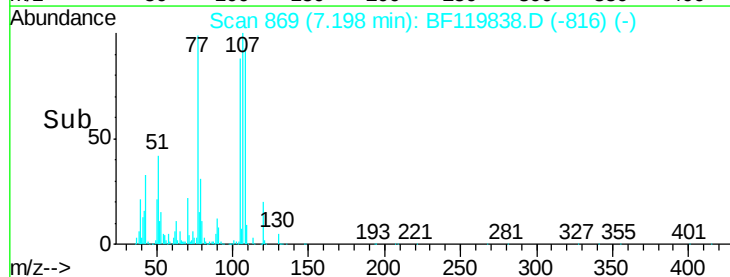
Abundance

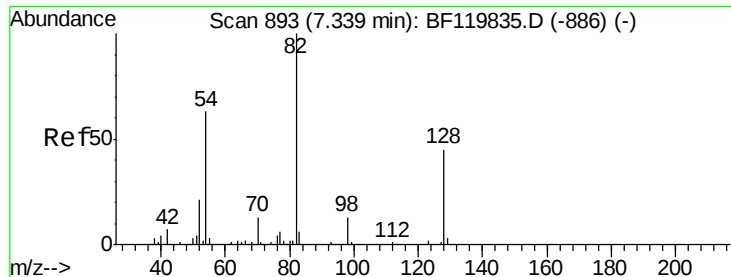
Ion 105.00 (104.70 to 105.70): E

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





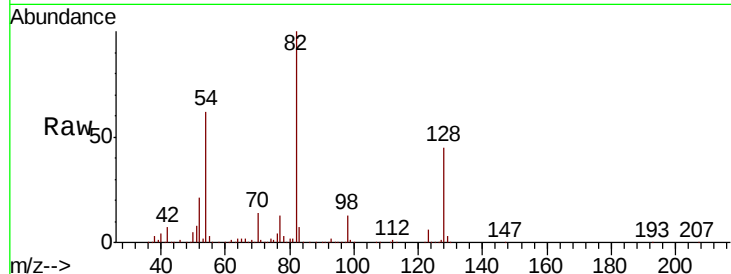
#23
 Nitrobenzene-d5
 Concen: 145.381 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

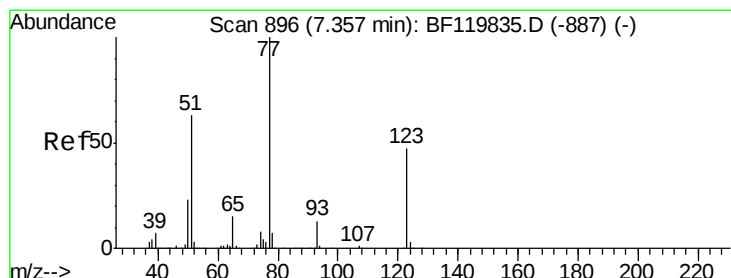
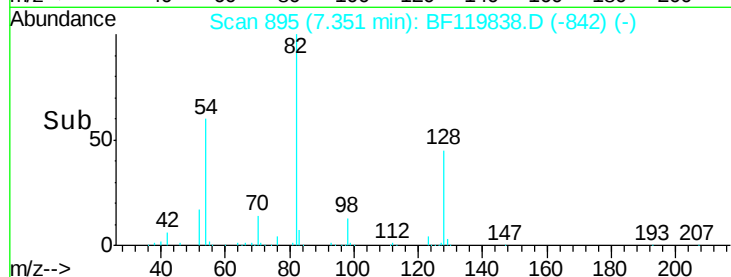
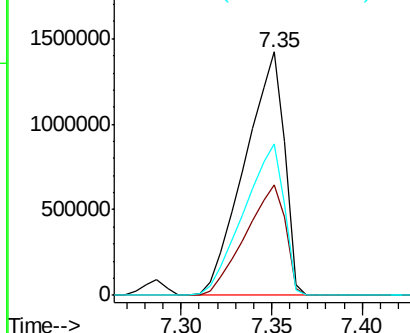
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.2	54.4
54	62.1	50.4	75.6

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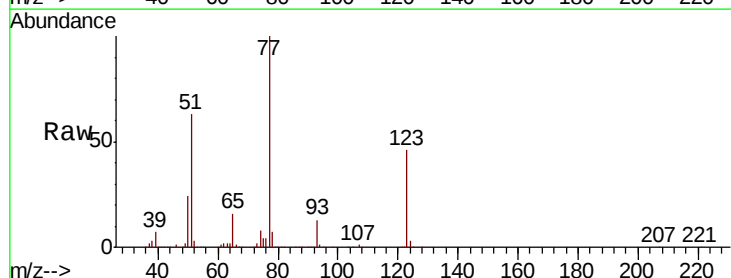


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

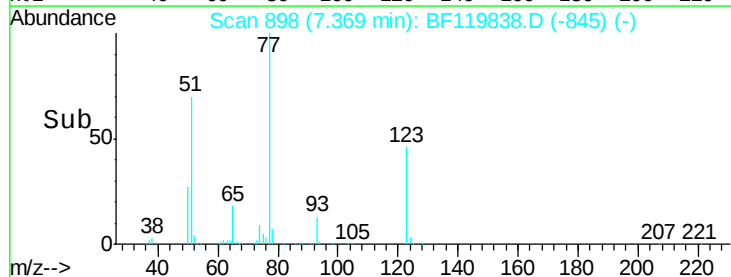
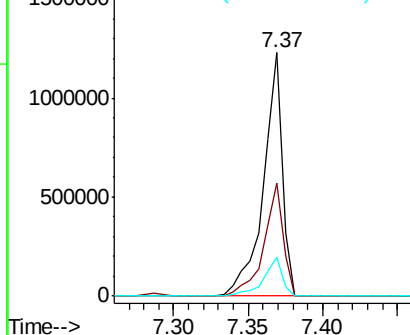


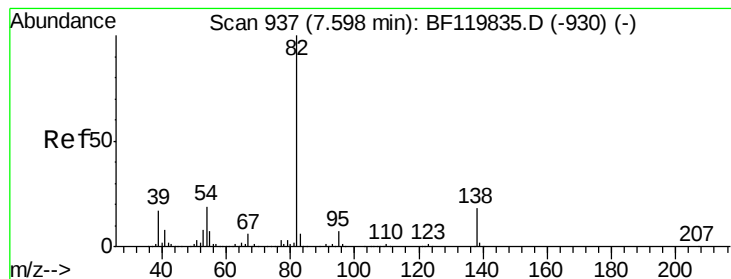
#24
 Nitrobenzene
 Concen: 67.356 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.8	56.8
65	16.0	12.2	18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 72.678 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2188547

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

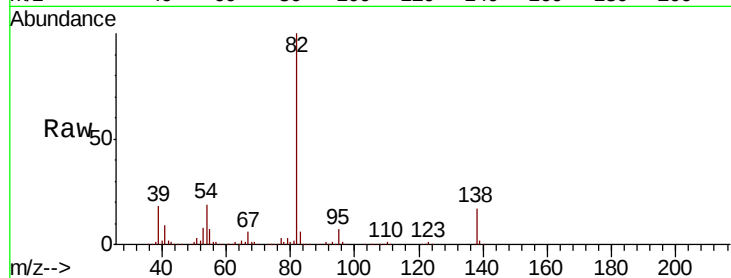
138 17.5 14.5 21.7

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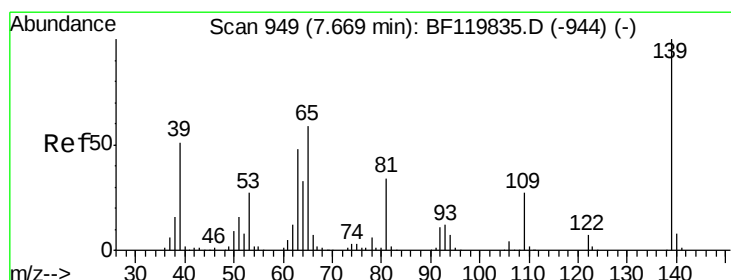
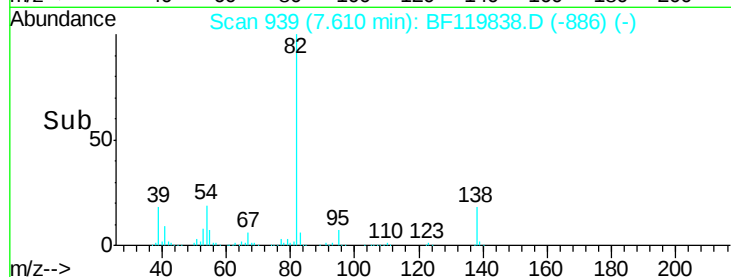
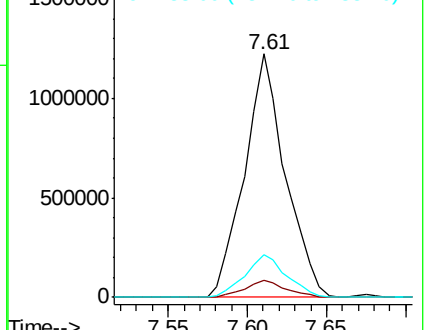
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 87.436 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

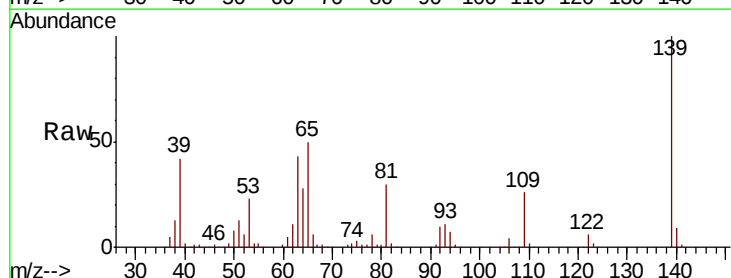
Tgt Ion: 139 Resp: 546161

Ion Ratio Lower Upper

139 100

109 26.1 21.8 32.6

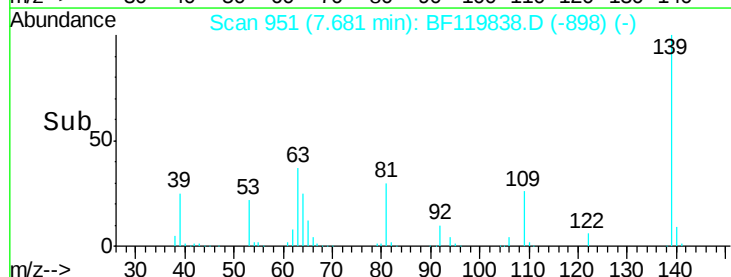
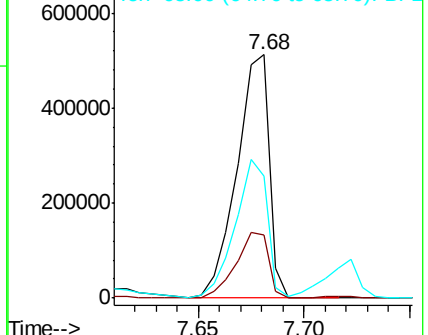
65 50.0 47.0 70.4

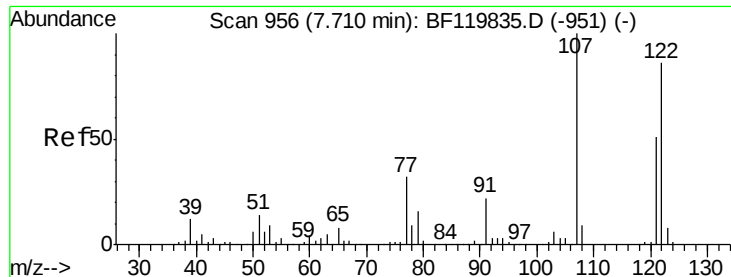


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





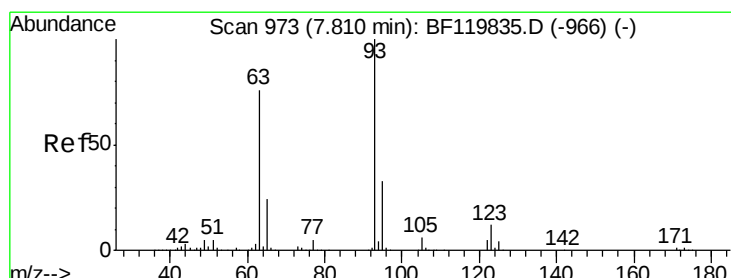
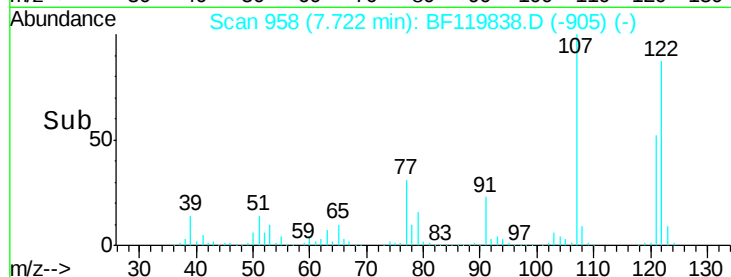
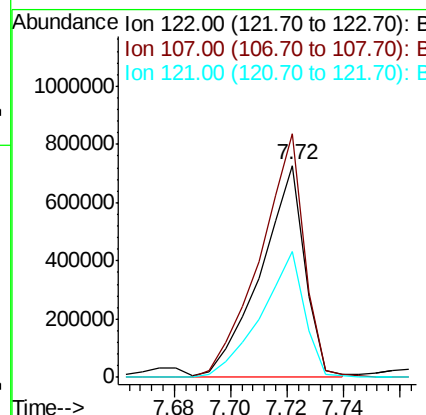
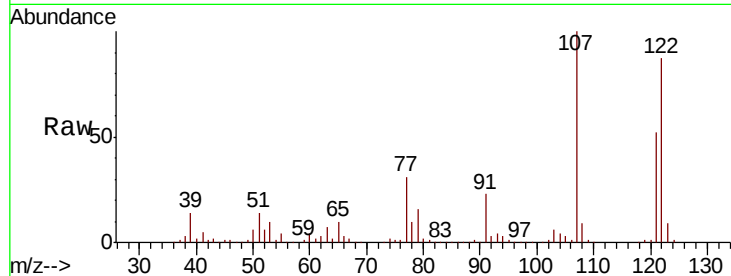
#27
 2,4-Dimethylphenol
 Concen: 61.163 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	92.3	138.5
121	59.5	46.6	70.0

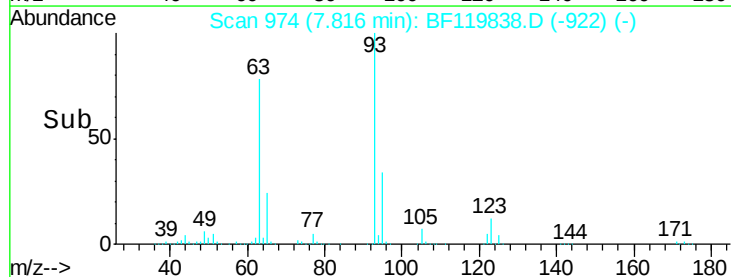
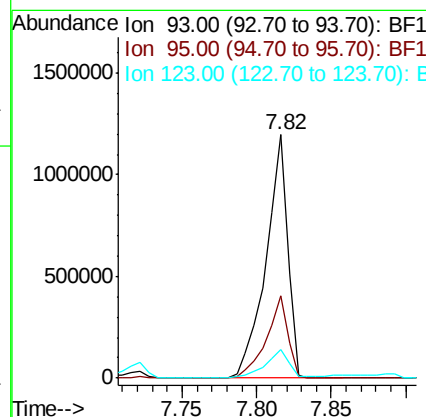
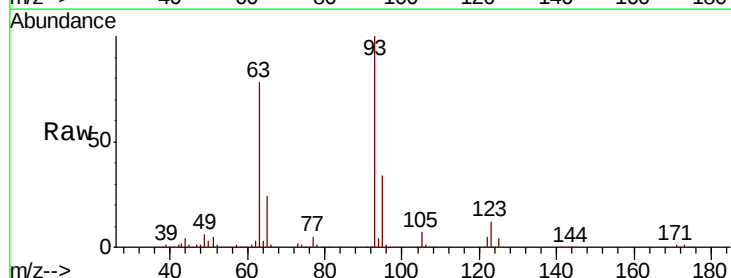
Manual Integrations
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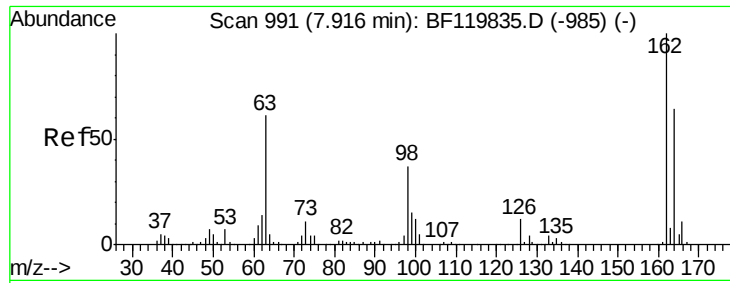
mohammad
 4/10/2020 9:57:06 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 67.184 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	11.7	9.7	14.5





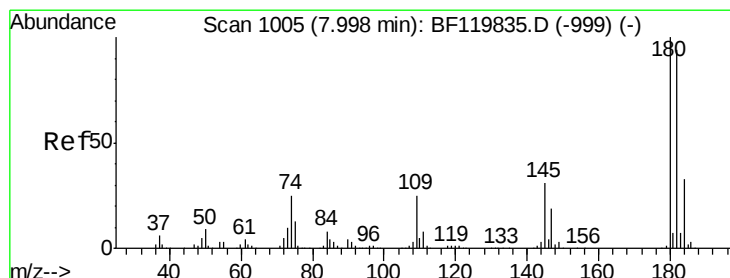
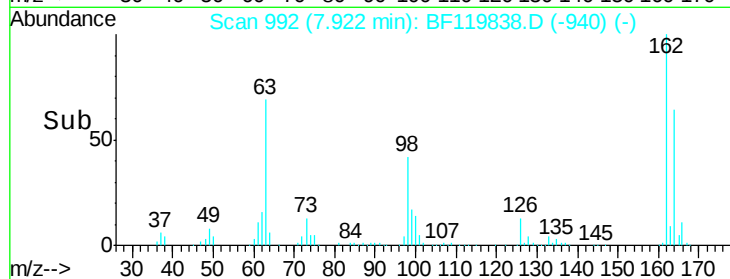
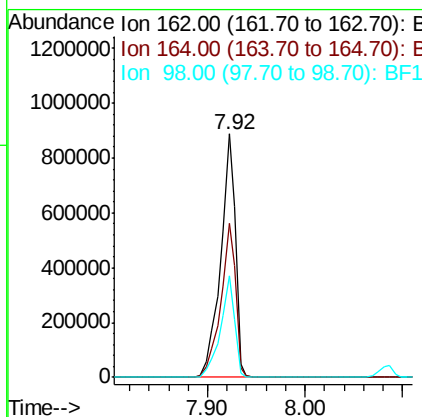
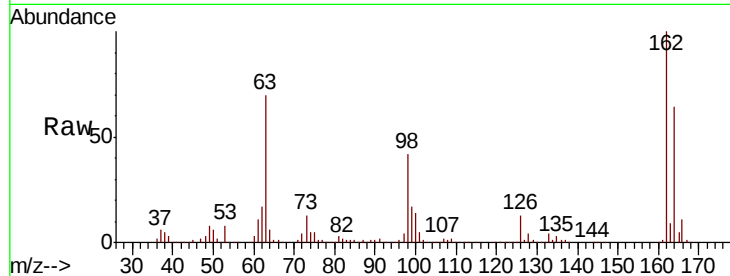
#29
2,4-Dichlorophenol
Concen: 78.654 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		933436		
164	63.5	44.4	84.4		
98	41.7	17.3	57.3		

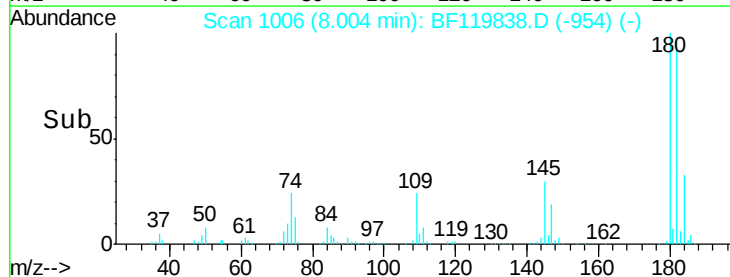
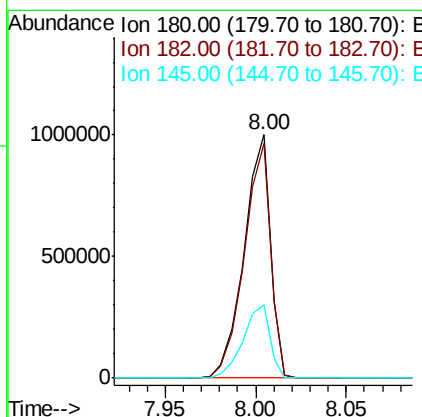
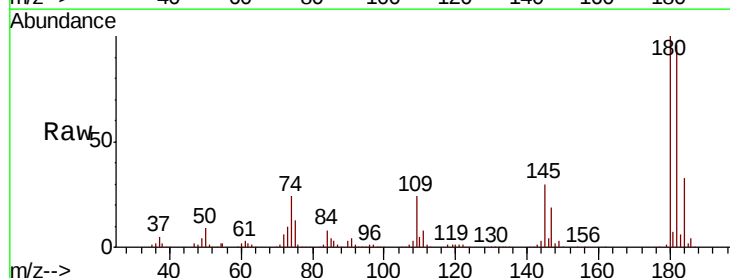
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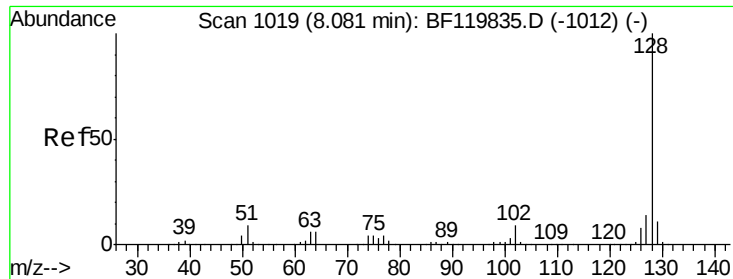
mohammad
4/10/2020 9:57:06 AM



#30
1,2,4-Trichlorobenzene
Concen: 77.117 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		1012124		
182	96.4	75.4	113.0		
145	30.4	24.6	37.0		





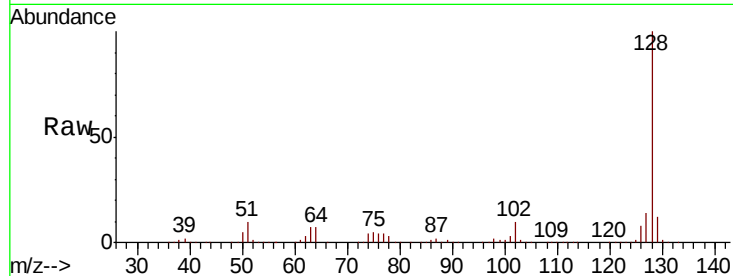
#31
Naphthalene
Concen: 73.603 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

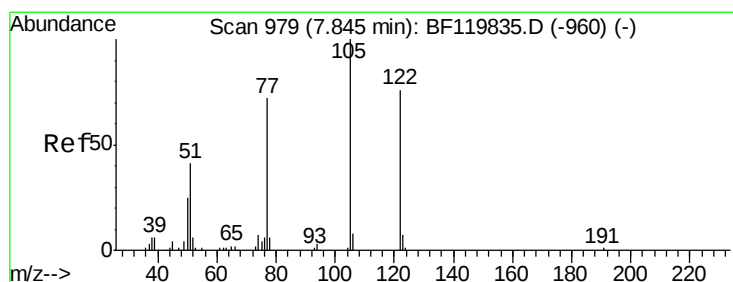
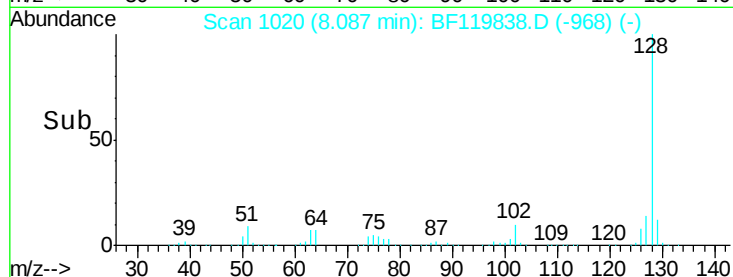
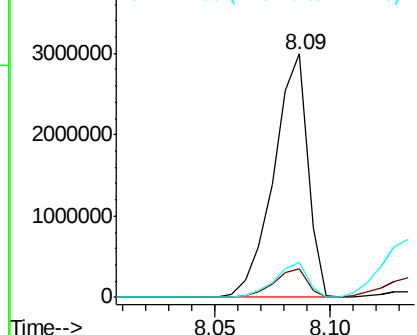
Tot Ion:128 Resp: 3055809
Ion Ratio Lower Upper
128 100
129 12.0 9.0 13.6
127 14.4 11.0 16.4

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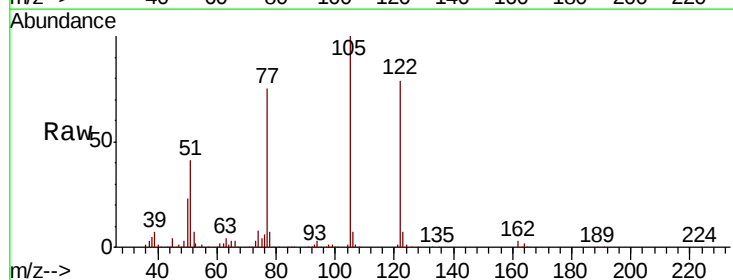


Abundance Ion 128.00 (127.70 to 128.70): E
4000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

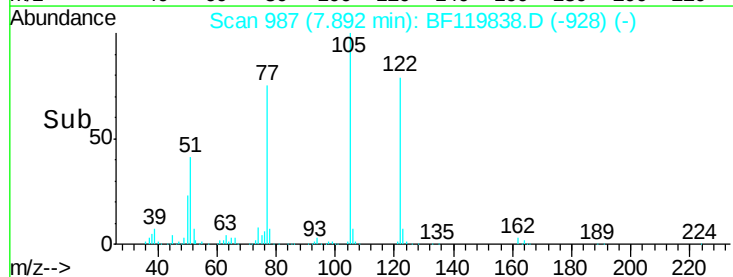
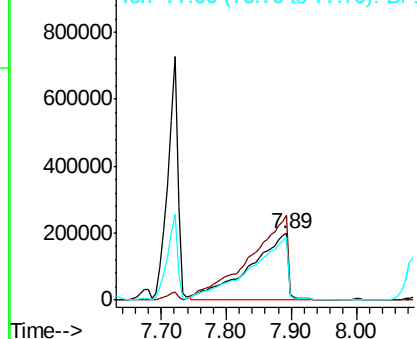


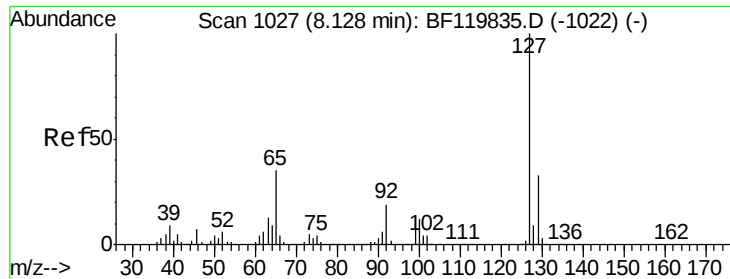
#32
Benzoic acid
Concen: 97.634 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.05 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion:122 Resp: 811170
Ion Ratio Lower Upper
122 100
105 127.3 106.7 146.7
77 95.1 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E
1000000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





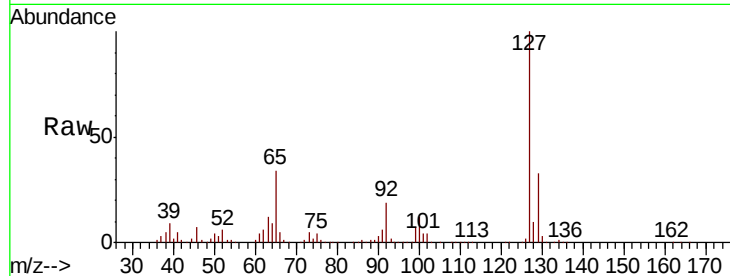
#33
4-Chloroaniline
Concen: 73.745 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	33.9	28.3	42.5		
92	18.9	15.4	23.2		

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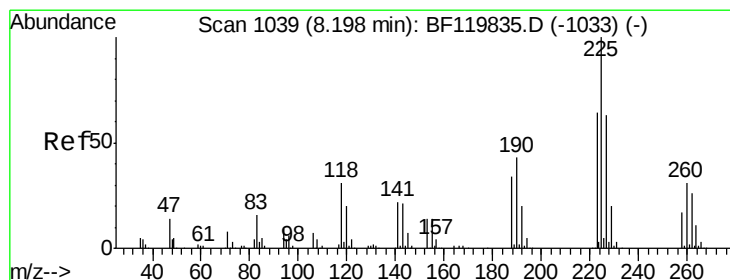
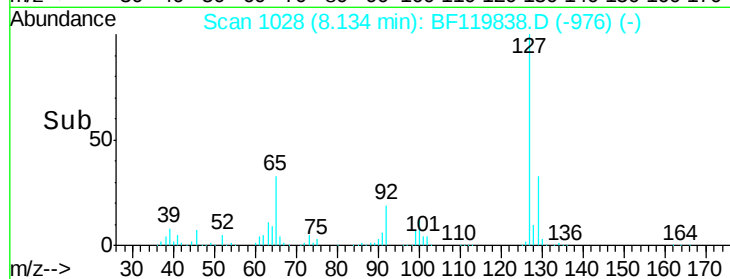
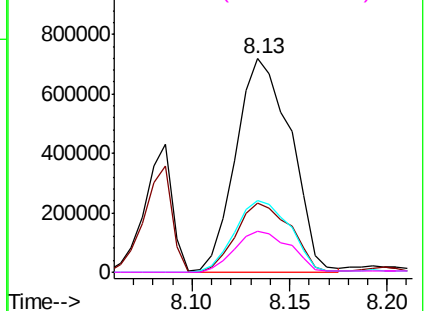
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

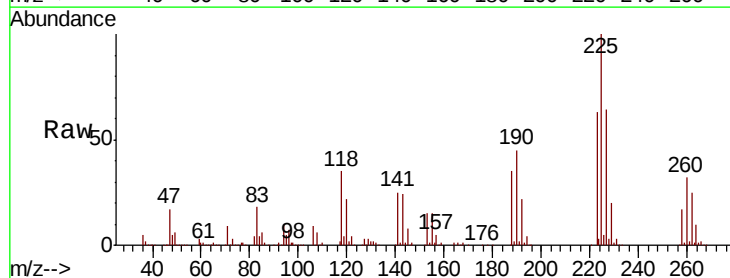
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 82.221 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.0	76.6		
227	63.7	50.4	75.6		

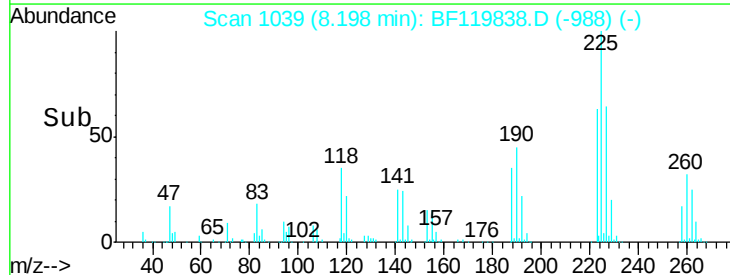
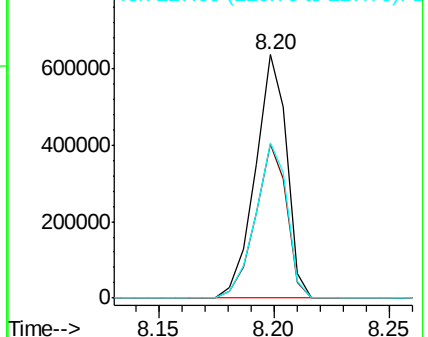


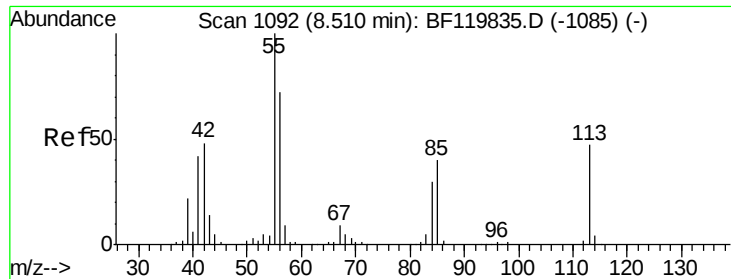
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





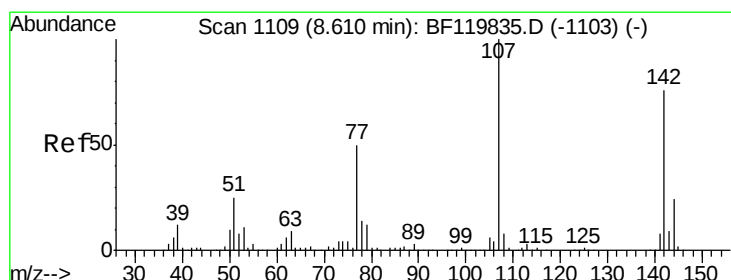
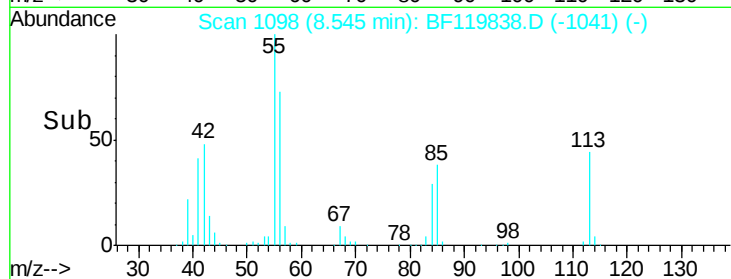
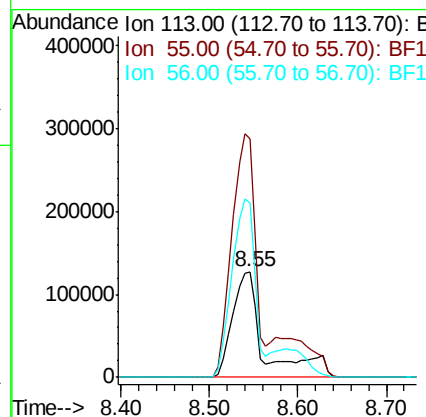
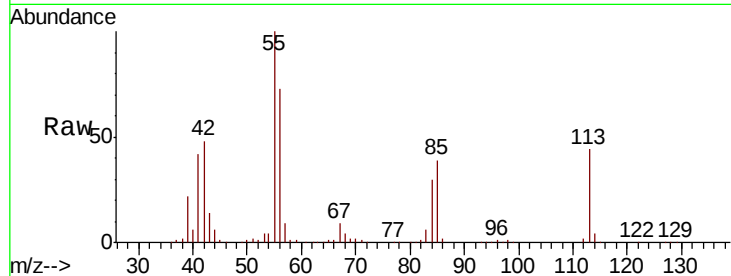
#35
Caprolactam
Concen: 79.650 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.04 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	225.7	192.7	232.7		
56	165.3	133.3	173.3		

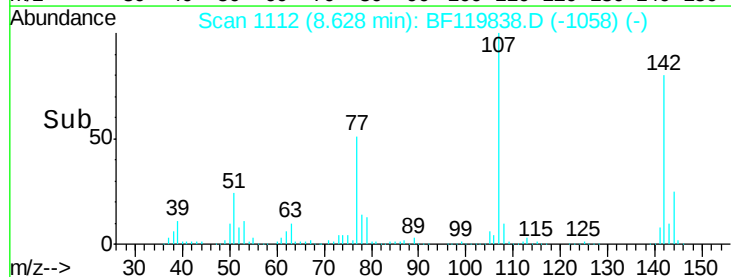
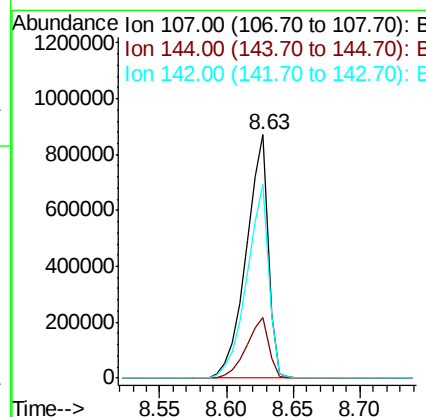
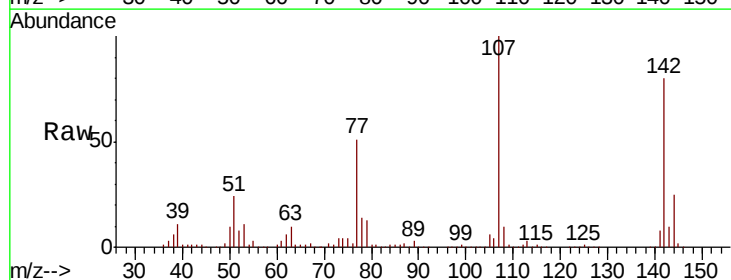
Manual Integrations
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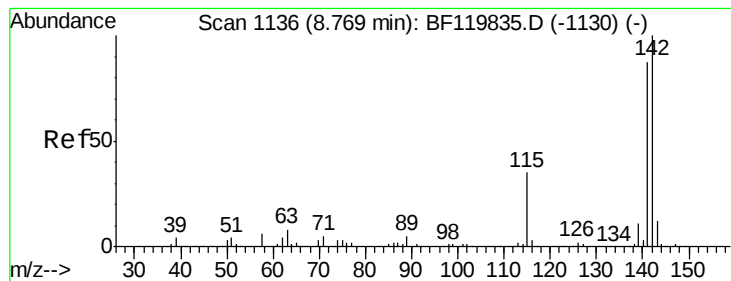
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 76.170 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1	19.5	29.3		
142	79.5	60.5	90.7		





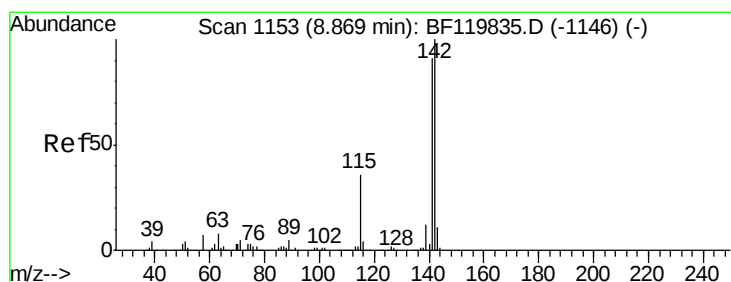
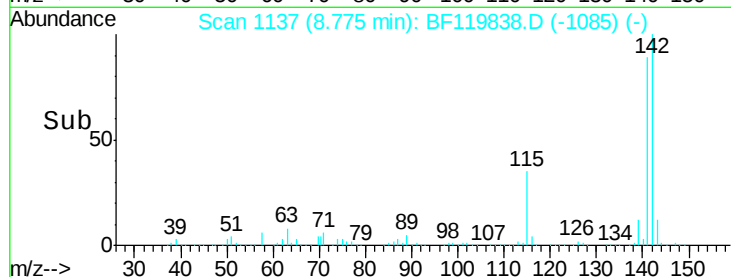
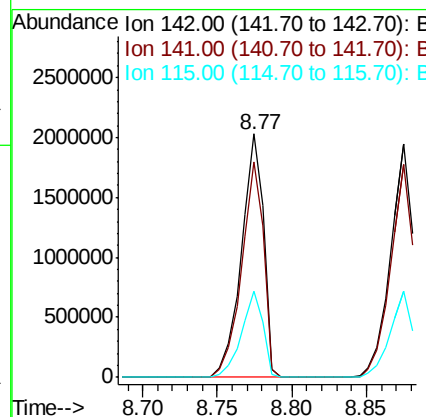
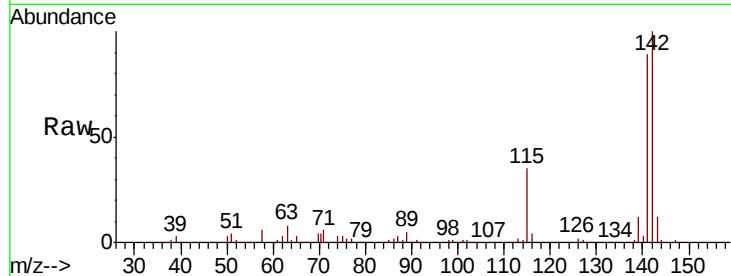
#37
2-Methylnaphthalene
Concen: 76.858 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9
115	35.4	28.0	42.0

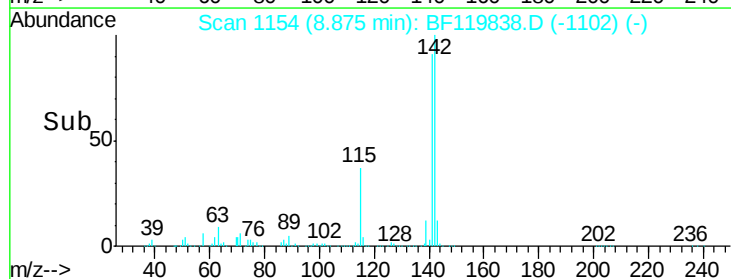
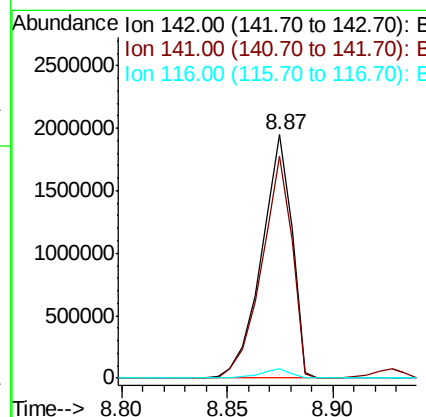
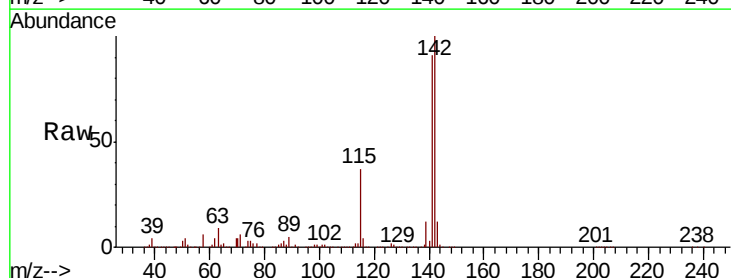
Manual Integrations
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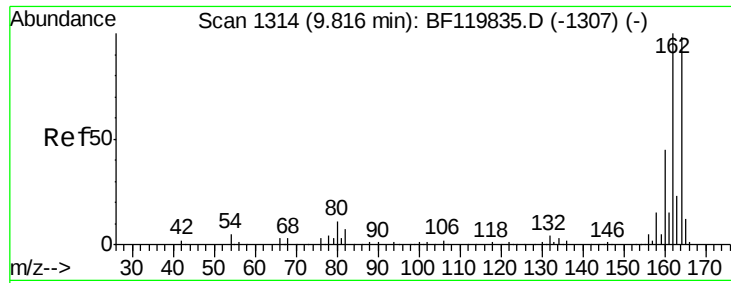
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#38
1-Methylnaphthalene
Concen: 75.777 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.9	109.3
116	3.9	3.0	4.6





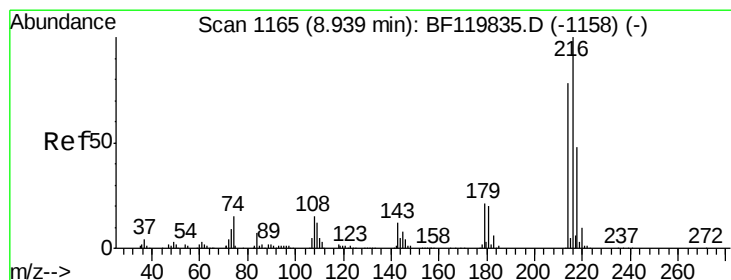
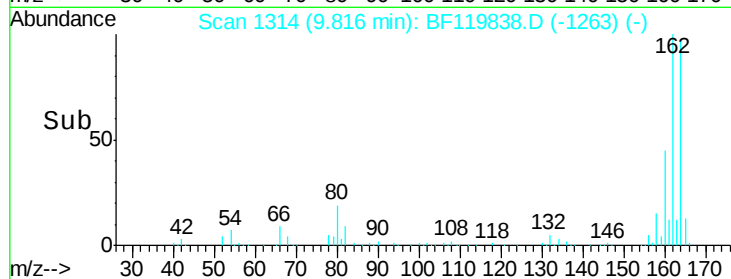
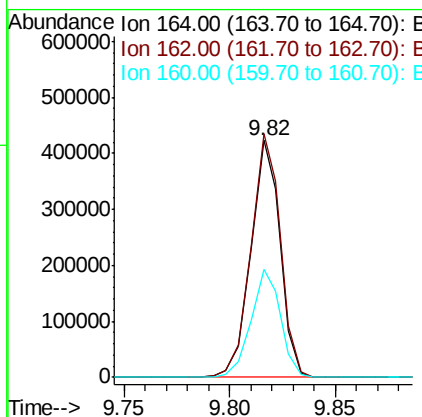
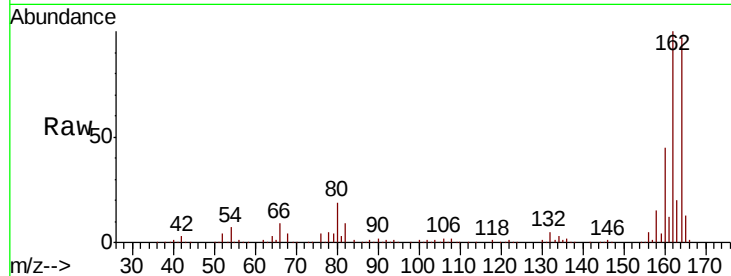
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	45.8	36.6	54.8

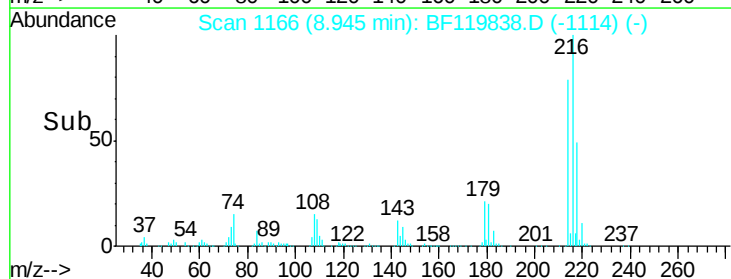
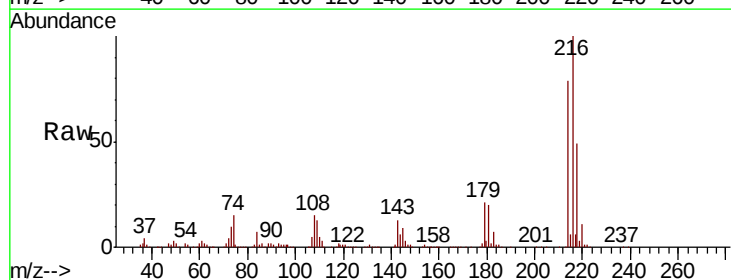
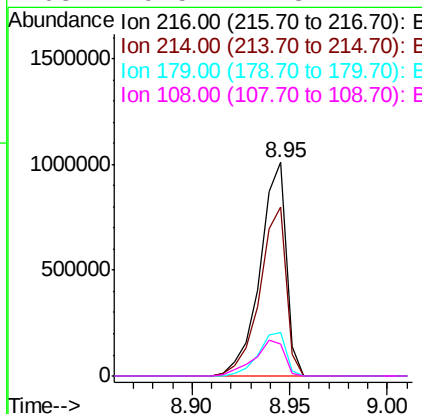
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.149 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.1	94.7
179	21.6	17.0	25.4
108	19.5	14.8	22.2





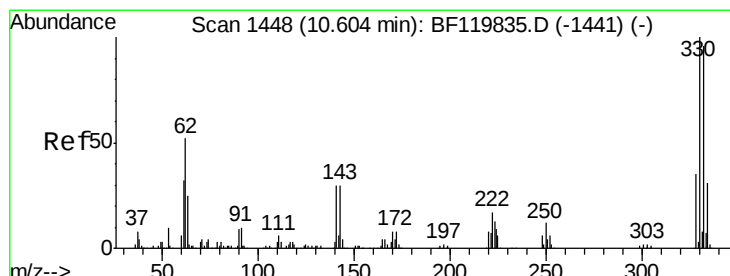
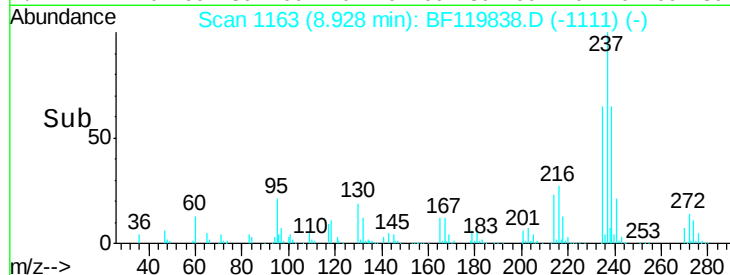
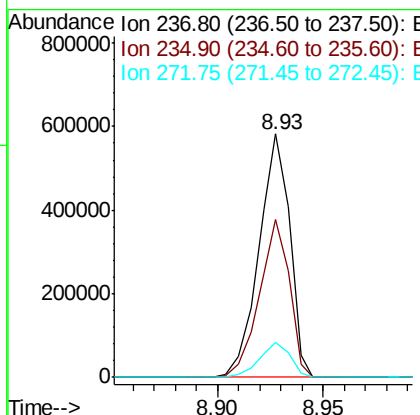
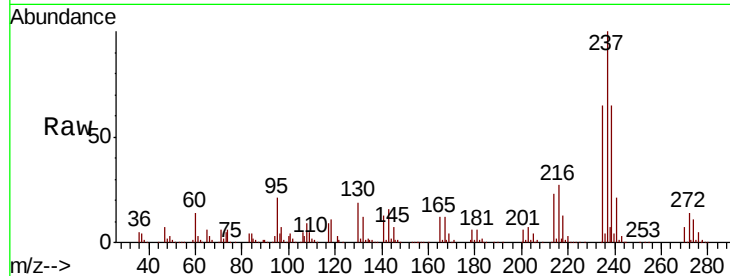
#41
Hexachlorocyclopentadiene
Concen: 87.210 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.7	44.9	84.9	
272	14.4	0.0	33.6	

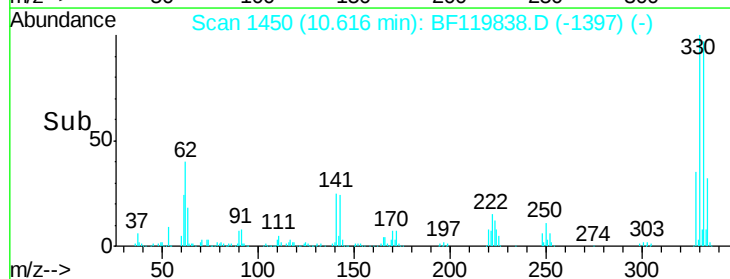
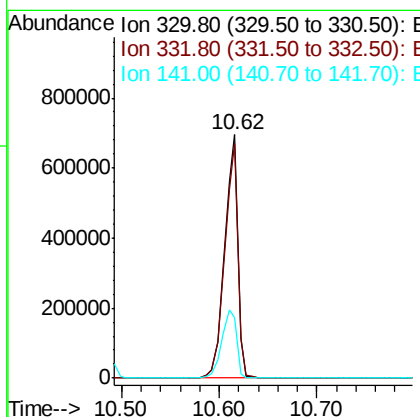
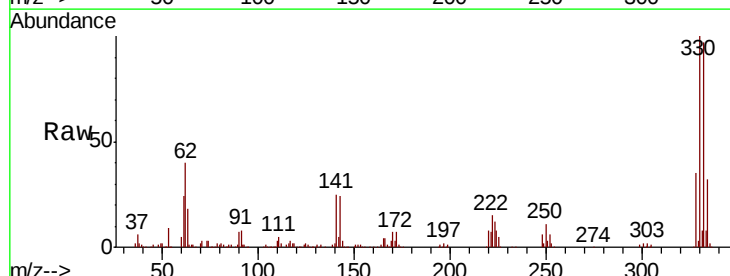
Manual Integrations
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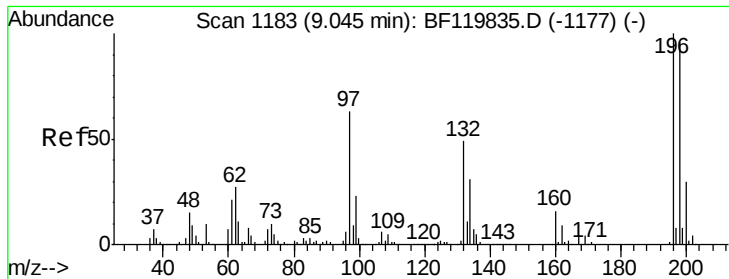
mohammad
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#42
2,4,6-Tribromophenol
Concen: 155.480 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.8	115.2	
141	31.3	25.1	37.7	





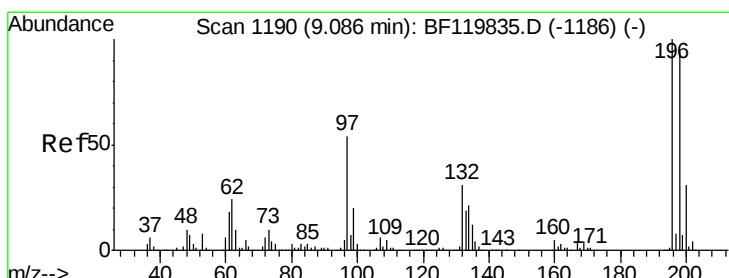
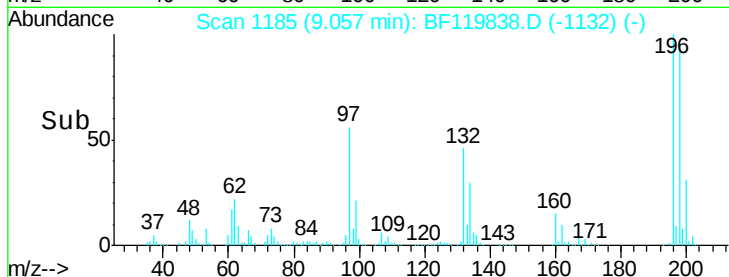
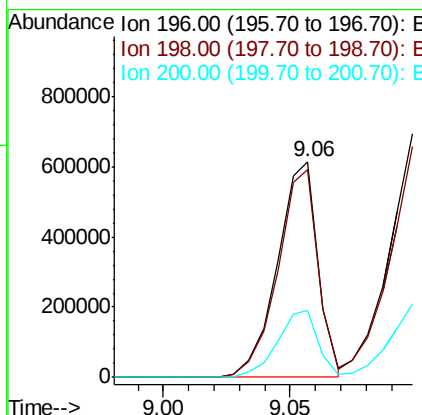
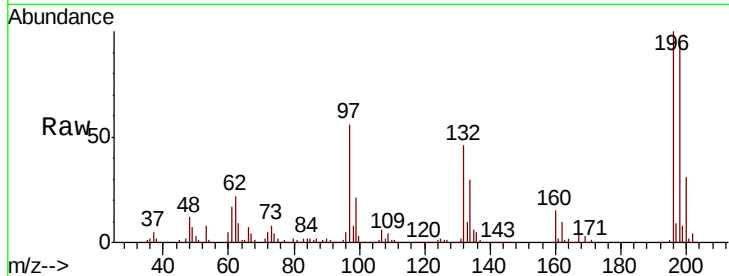
#43
 2,4,6-Trichlorophenol
 Concen: 80.423 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	684299		
198	96.3	76.6	115.0	
200	30.9	24.2	36.2	

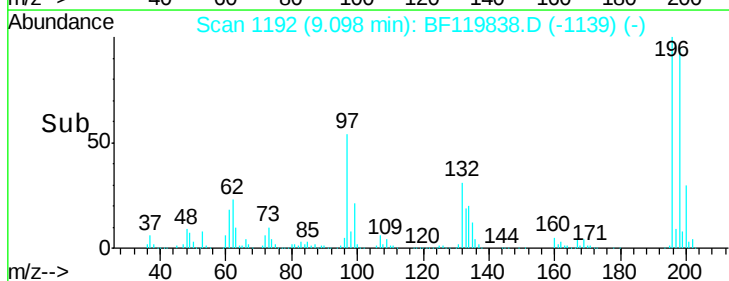
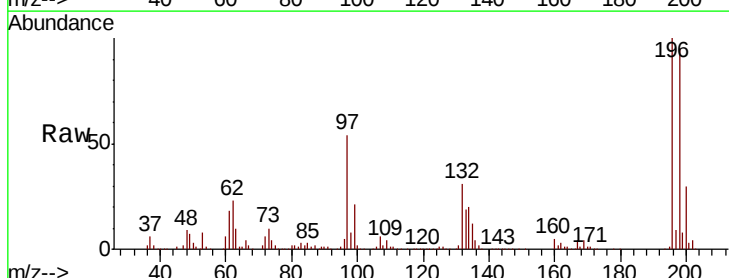
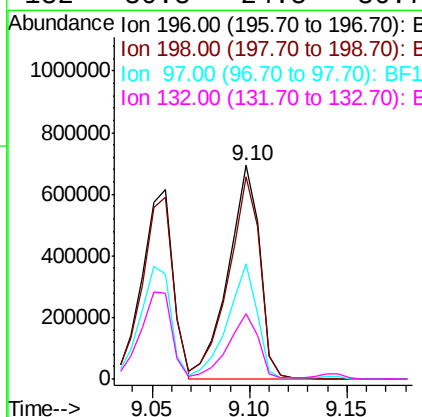
Manual Integrations
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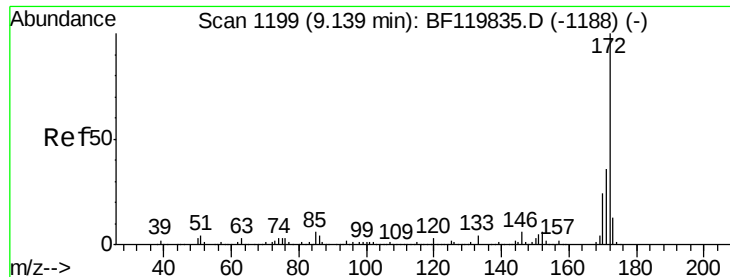
mohammad
 4/10/2020 9:57:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 81.426 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	776134		
198	94.6	75.1	112.7	
97	54.2	43.4	65.2	
132	30.8	24.5	36.7	





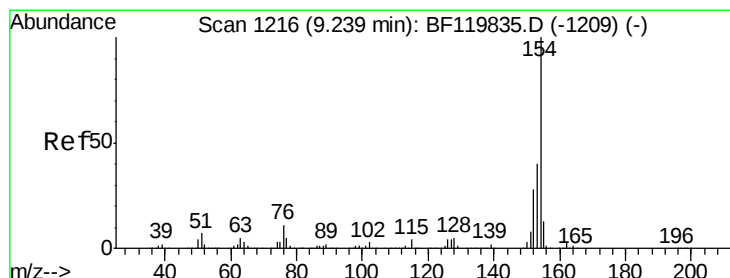
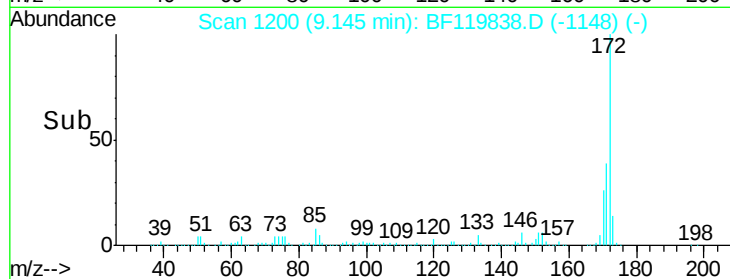
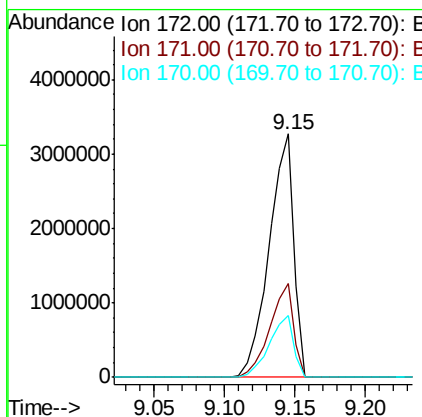
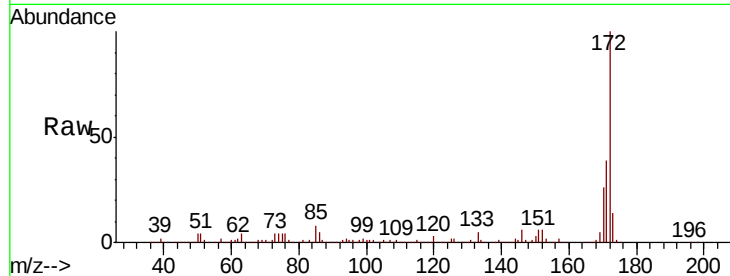
#45
2-Fluorobiphenyl
Concen: 146.181 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.9	43.3
170	25.7	19.4	29.2

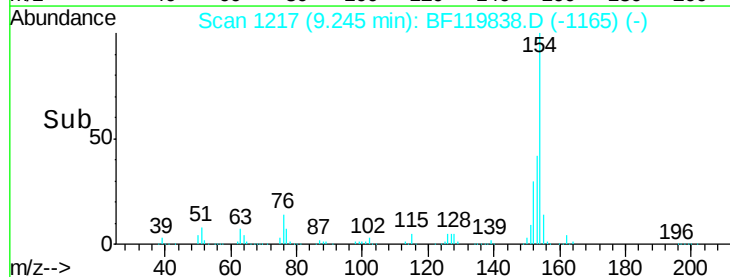
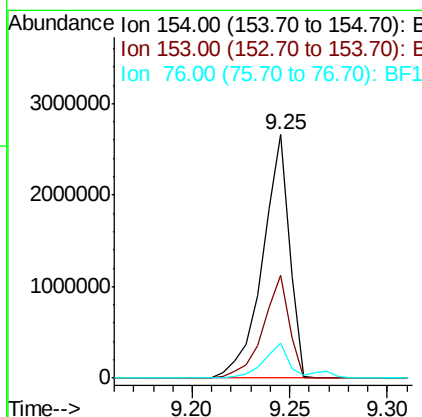
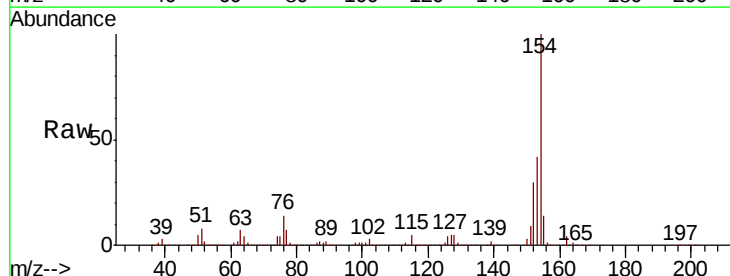
Manual Integrations
APPROVED

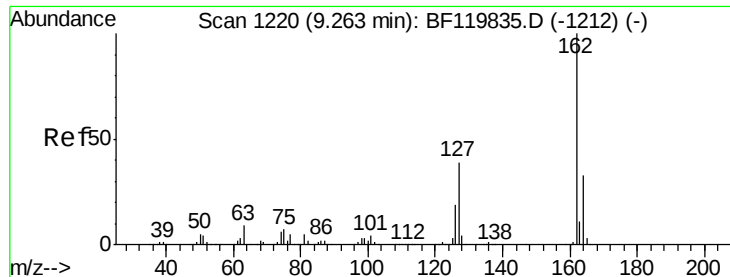
mohammad
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#46
1,1'-Biphenyl
Concen: 76.390 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.5	60.5
76	14.3	0.0	30.6





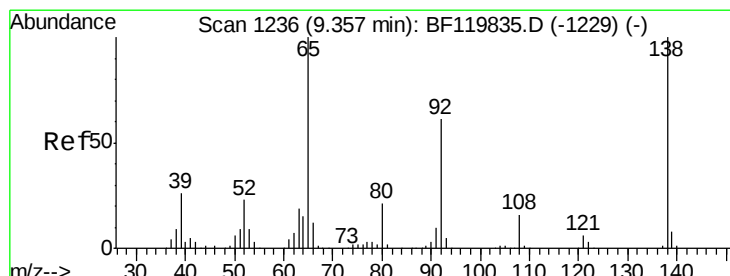
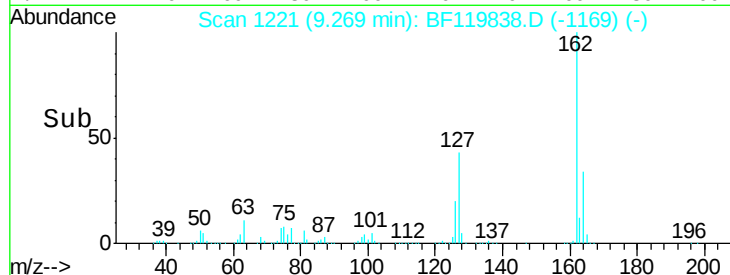
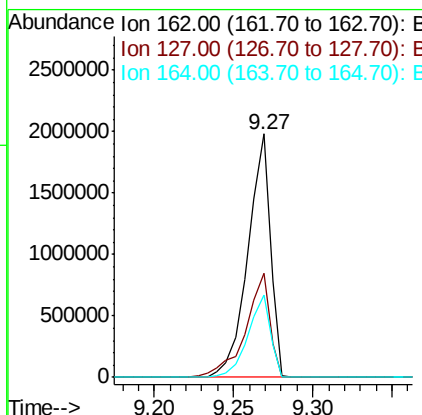
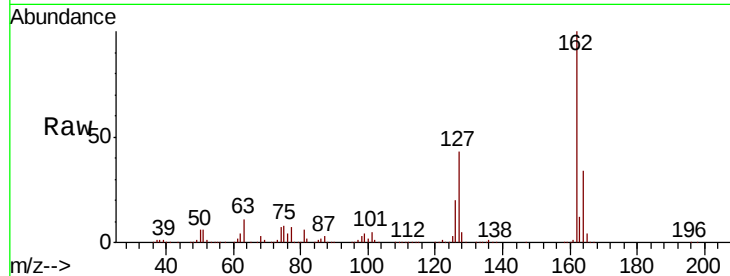
#47
2-Chloronaphthalene
Concen: 75.361 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.8	31.2	46.8
164	33.6	26.3	39.5

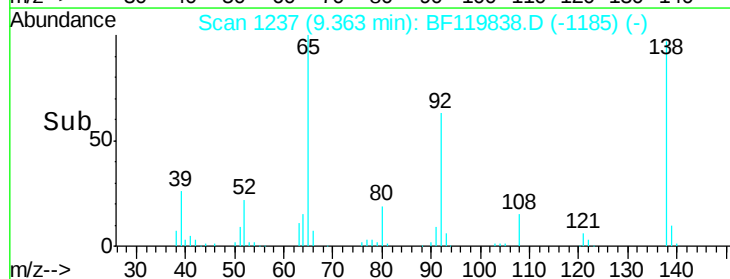
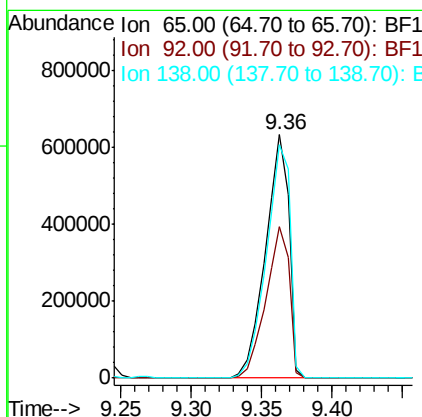
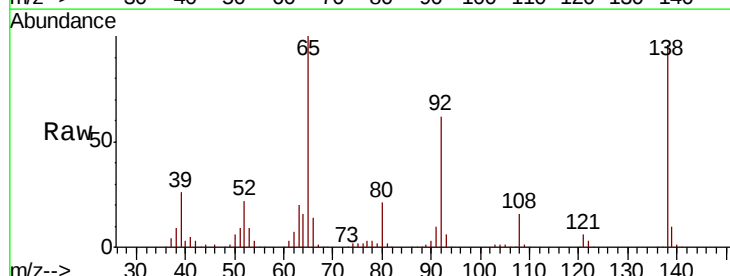
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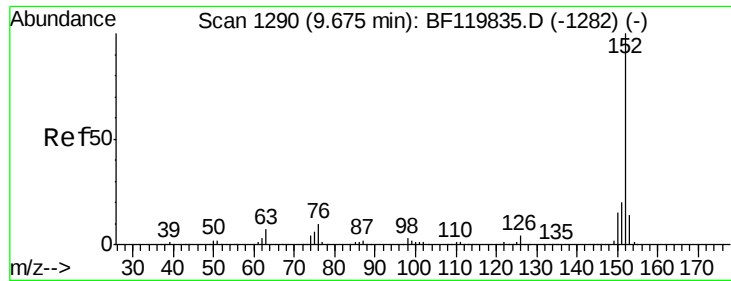
mohammad
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#48
2-Nitroaniline
Concen: 83.181 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	49.0	73.6
138	95.7	79.7	119.5





#49

Acenaphthylene

Concen: 72.150 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 2932189

Ion Ratio Lower Upper

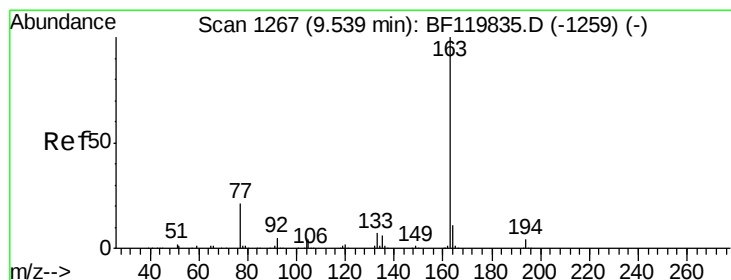
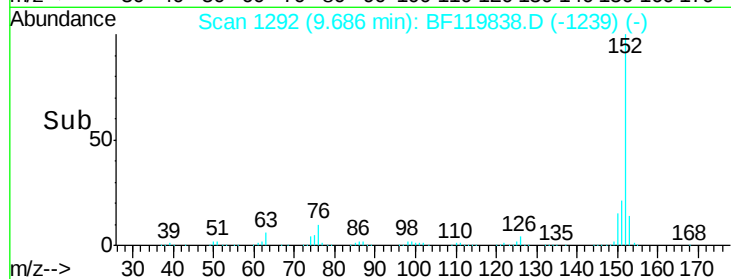
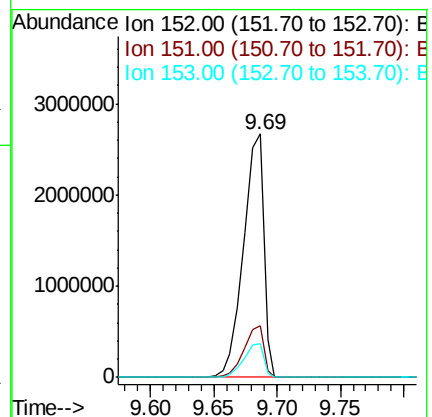
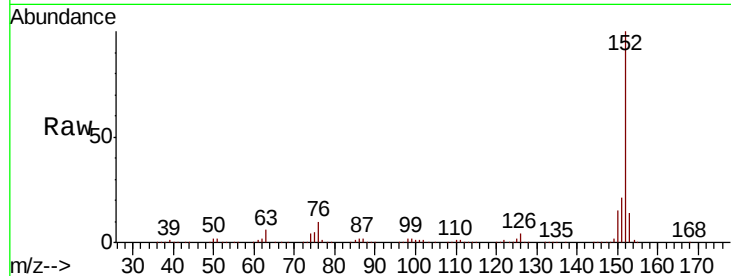
152 100

151 21.1 16.2 24.4

153 13.7 10.9 16.3

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#50

Dimethylphthalate

Concen: 82.929 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

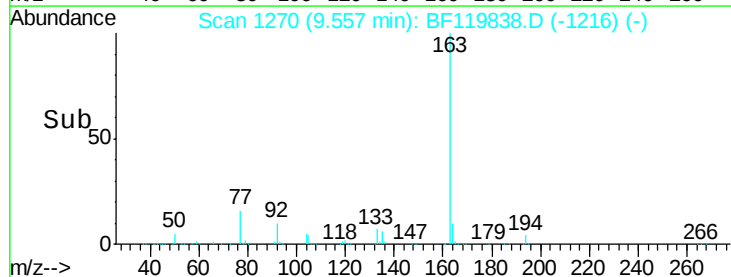
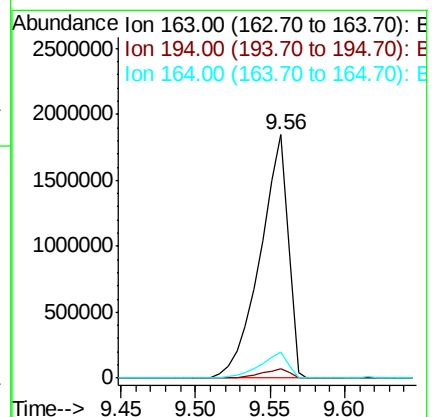
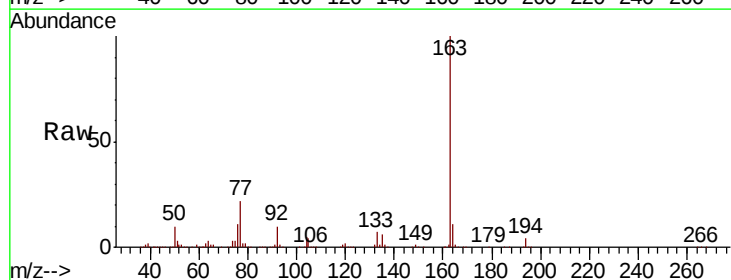
Tgt Ion:163 Resp: 2389483

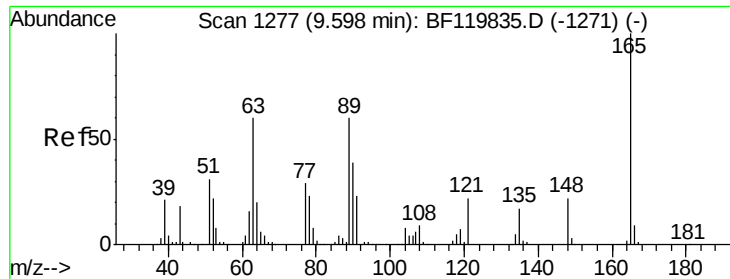
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.6 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 85.224 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.02 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 526347
Ion Ratio Lower Upper

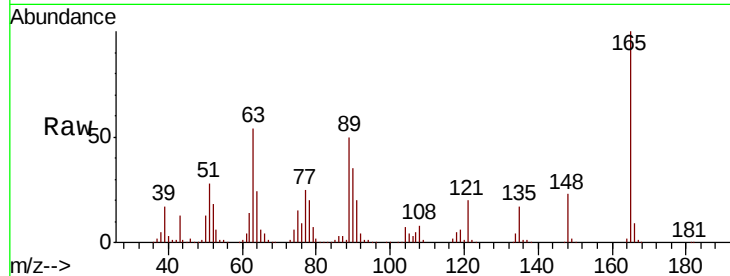
165 100

63 54.4 55.6 83.4#

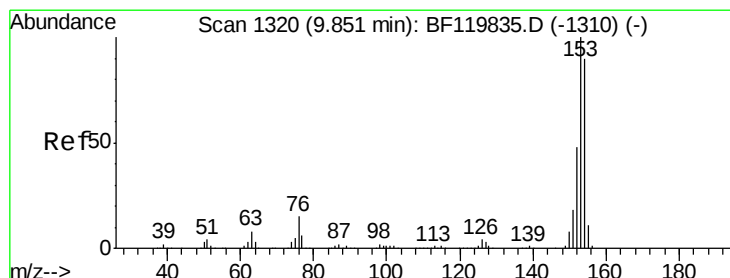
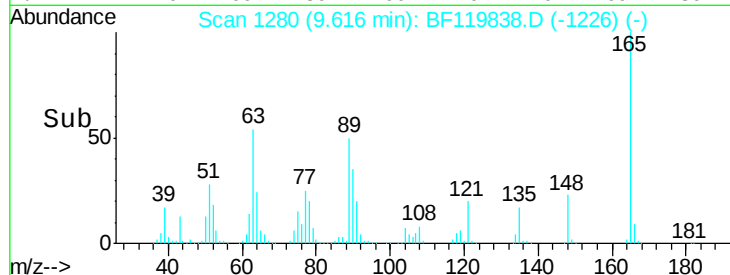
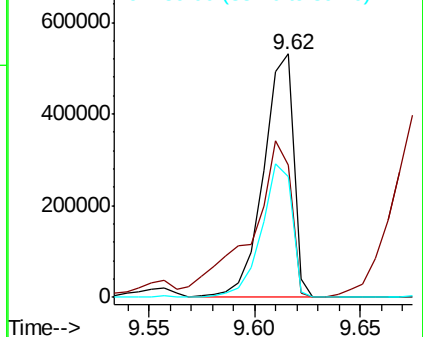
89 49.7 47.9 71.9

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 77.178 ng m

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF119838.D

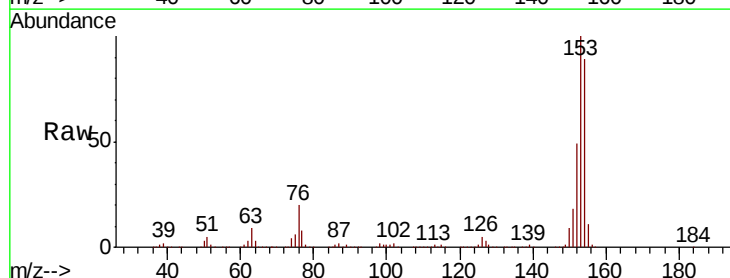
Acq: 8 Apr 2020 21:30

Tgt Ion:154 Resp: 1955342
Ion Ratio Lower Upper

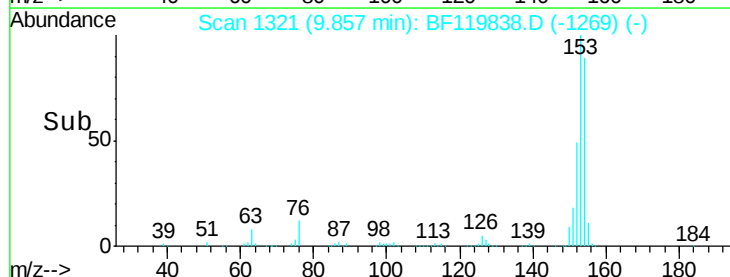
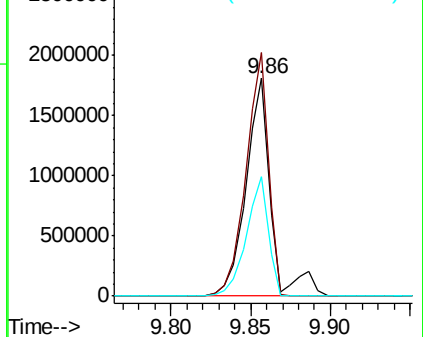
154 100

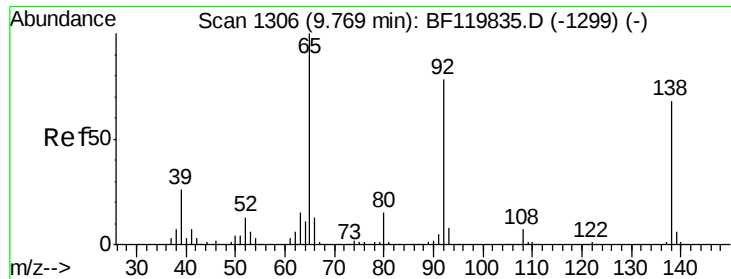
153 111.9 88.8 133.2

152 54.7 42.4 63.6



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





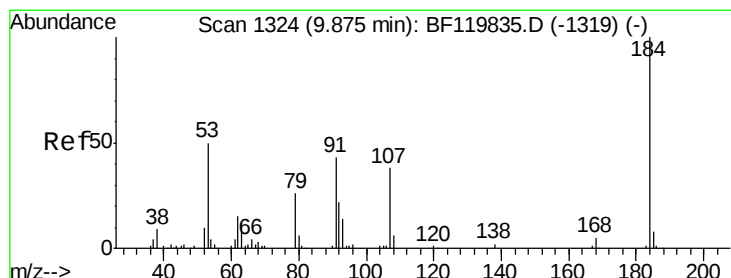
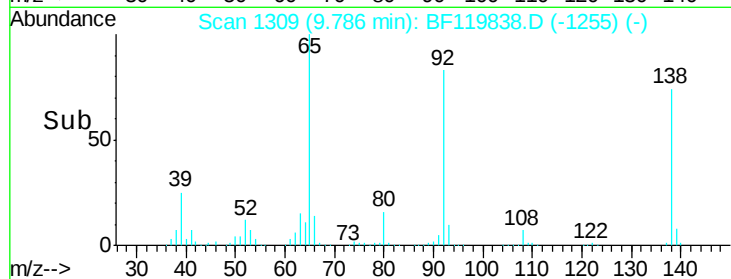
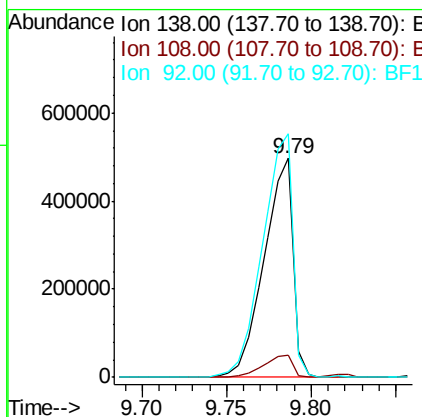
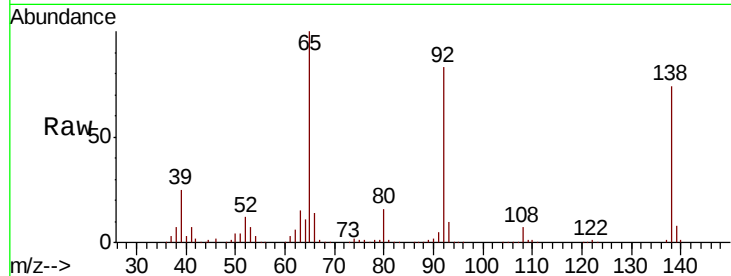
#53
 3-Nitroaniline
 Concen: 75.494 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.02 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.1	8.0	12.0	
92	111.2	92.1	138.1	

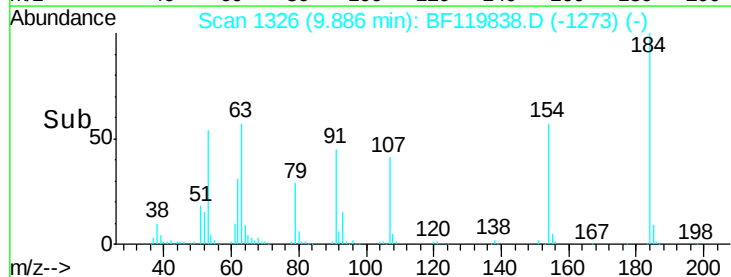
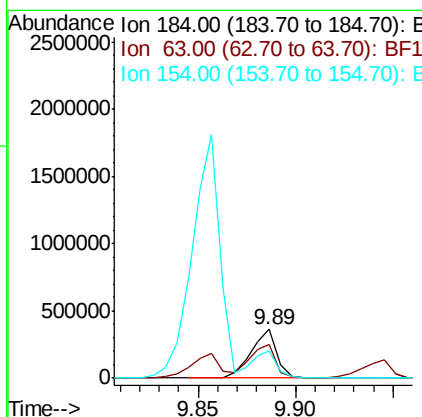
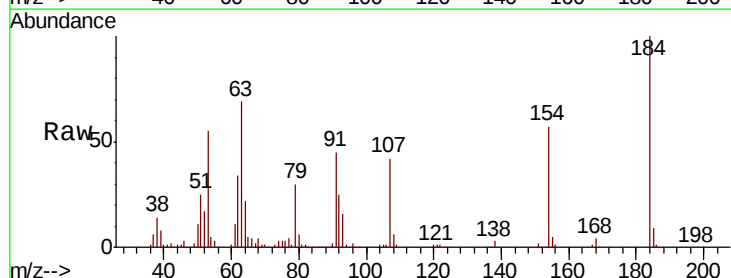
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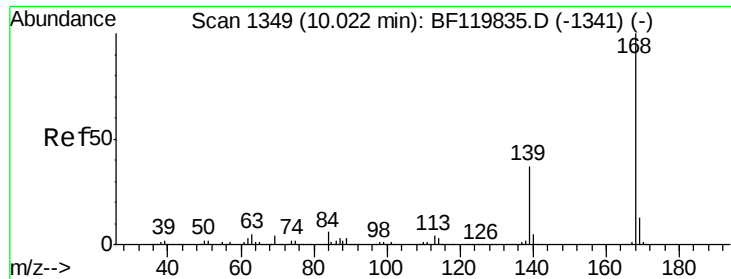
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 146.881 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.4	49.8	74.6	
154	56.7	46.5	69.7	





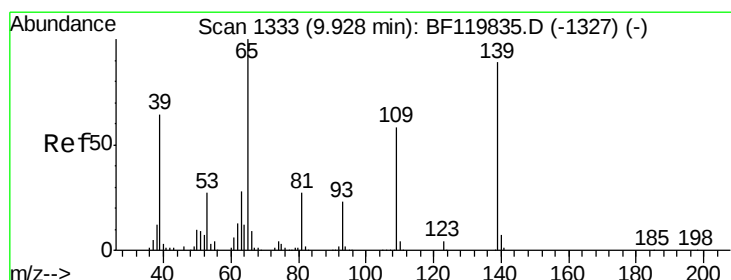
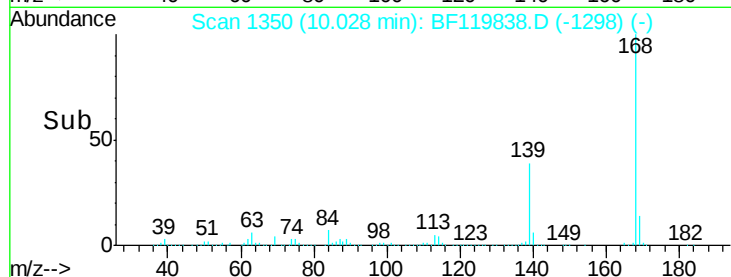
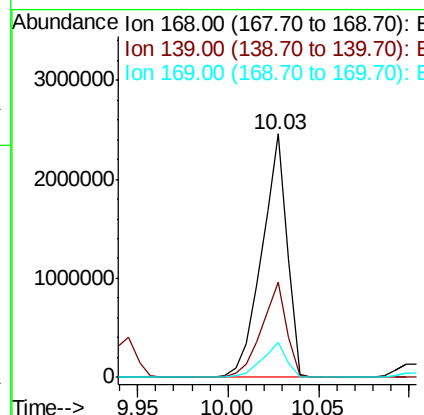
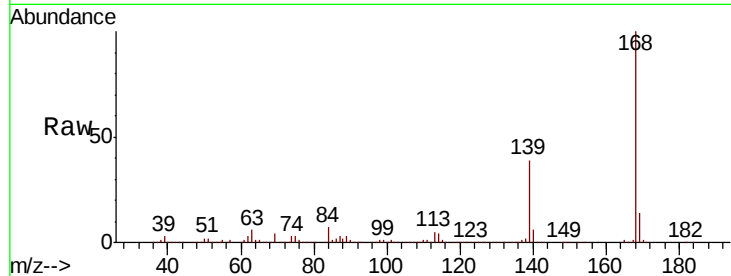
#55
Dibenzofuran
Concen: 65.608 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	29.8	44.6
169	14.1	10.6	15.8

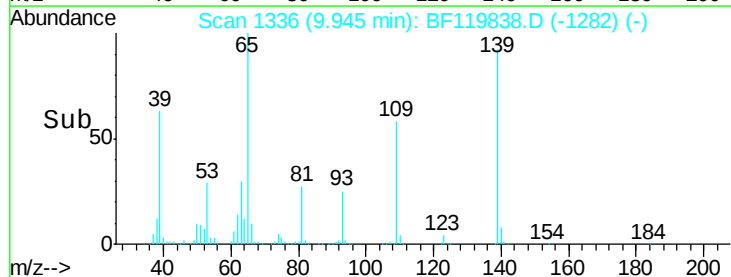
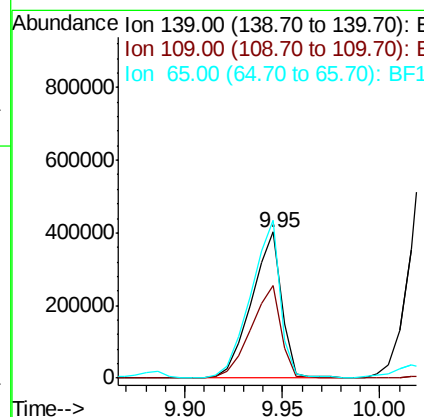
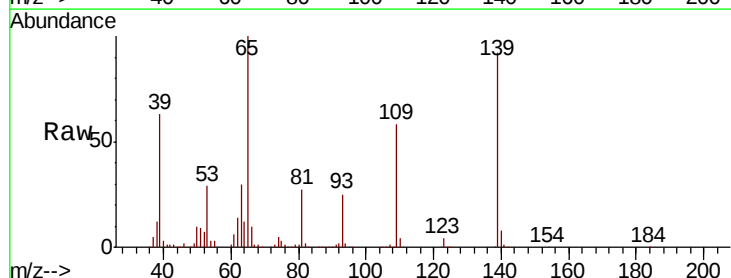
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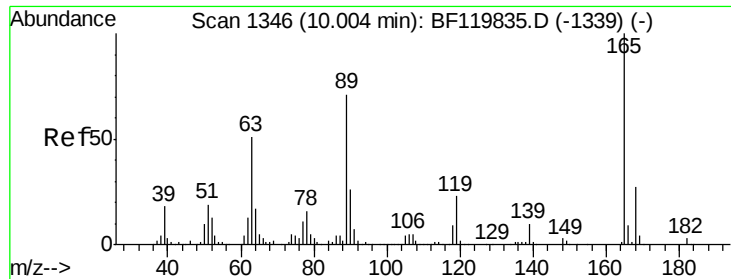
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#56
4-Nitrophenol
Concen: 69.967 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	45.5	85.5
65	108.2	92.3	132.3





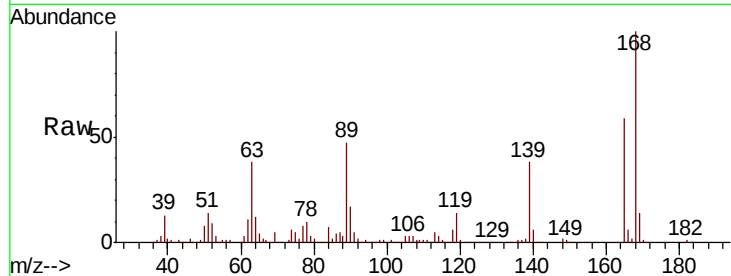
#57
2,4-Dinitrotoluene
Concen: 79.794 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	620808		
63	63.6	40.8	61.2	#
89	79.6	56.9	85.3	
182	2.5	2.0	3.0	

Manual Integrations
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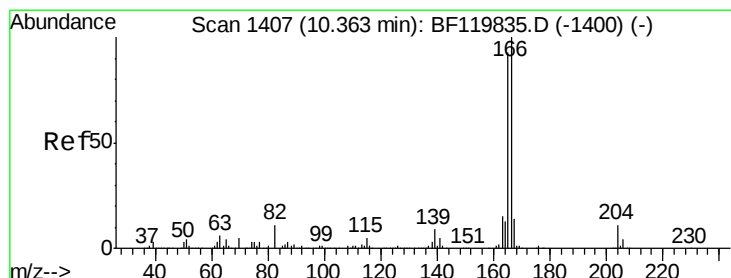
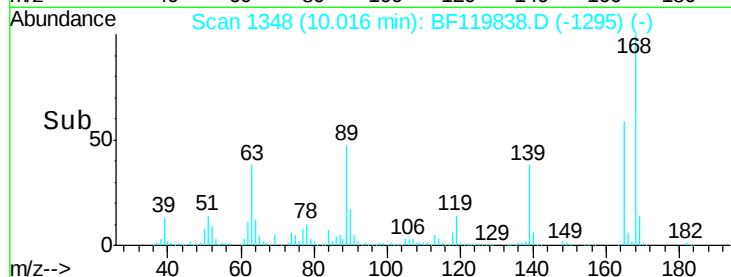
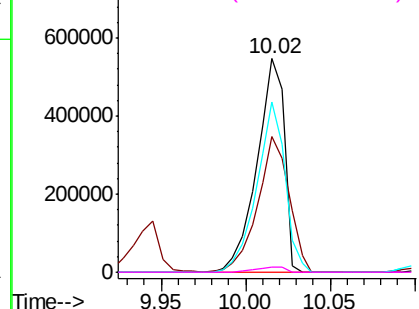
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 68.527 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

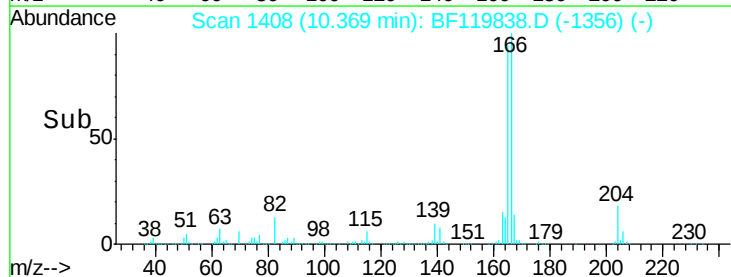
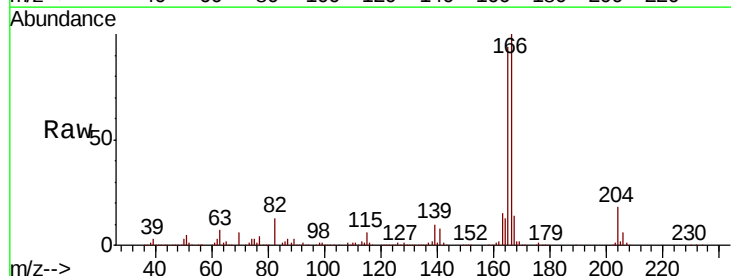
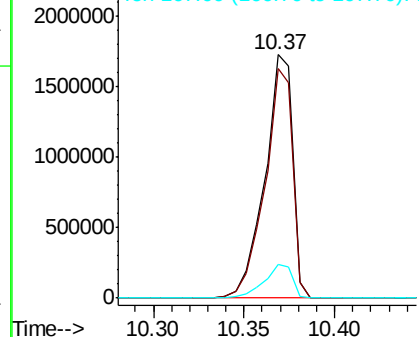
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1840747		
165	94.1	74.2	111.2	
167	14.0	10.8	16.2	

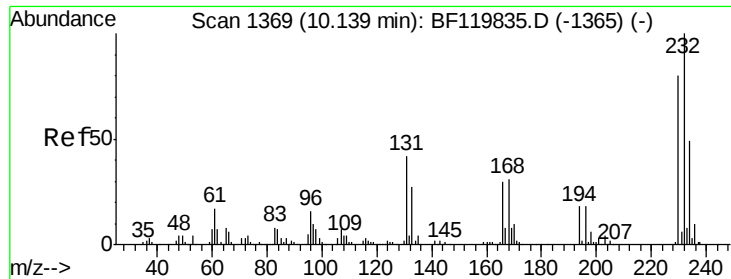
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





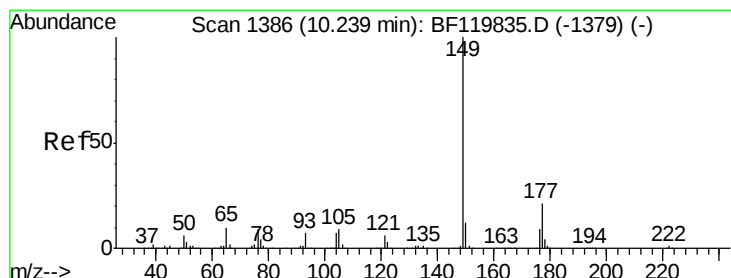
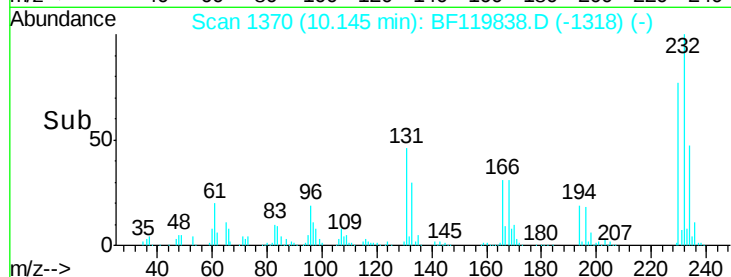
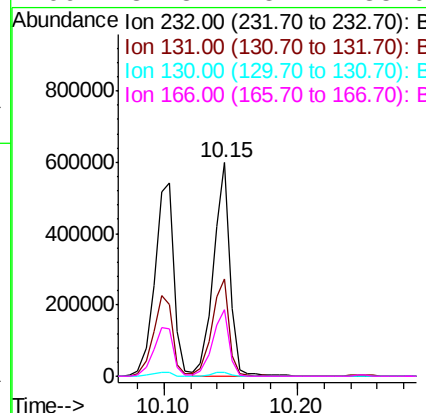
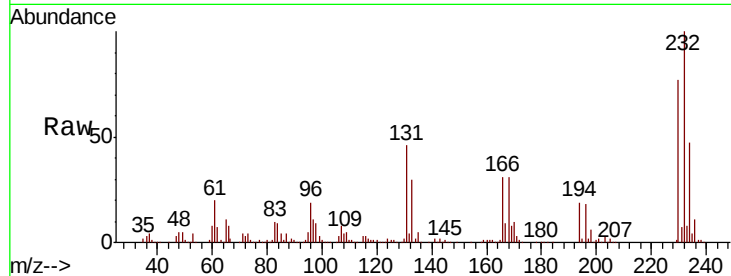
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 72.302 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.9	56.9
130	2.2	1.8	2.6
166	31.8	25.4	38.0

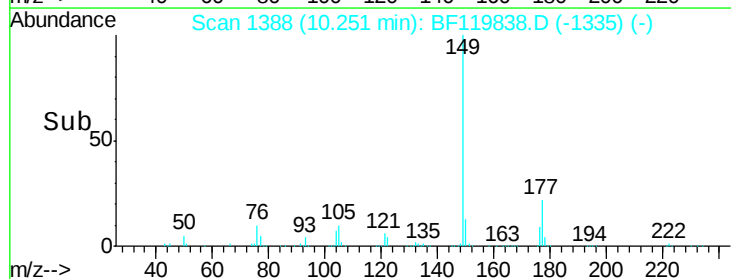
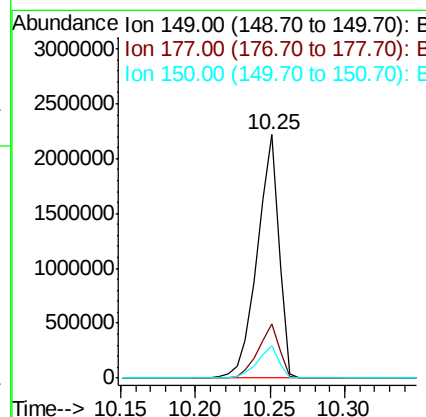
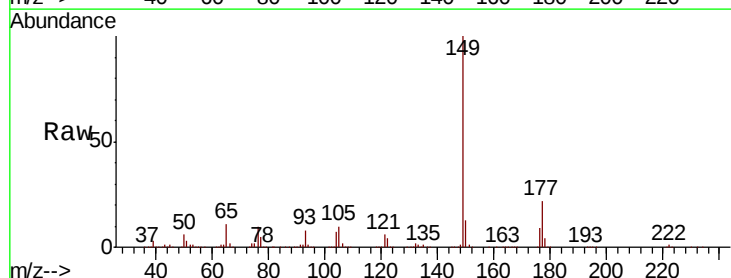
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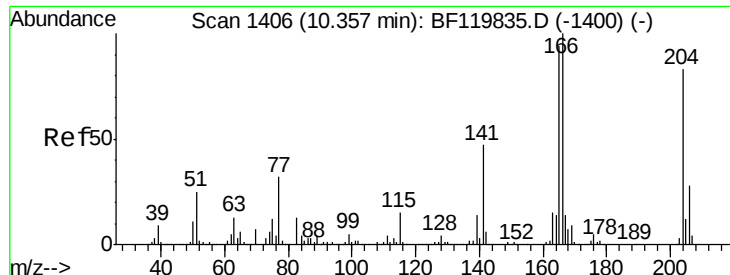
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#60
 Diethylphthalate
 Concen: 75.437 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.8	25.2
150	13.3	9.8	14.6





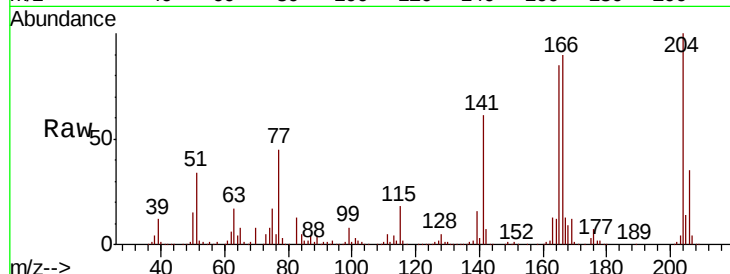
#61
4-Chlorophenyl-phenylether
Concen: 69.692 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.7	40.1
141	60.7	45.8	68.8

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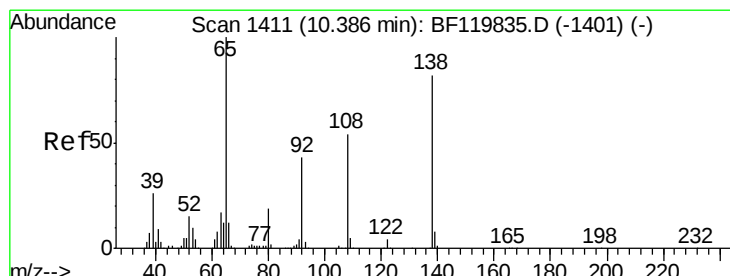
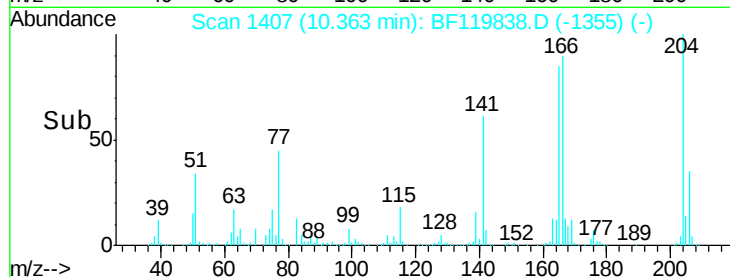
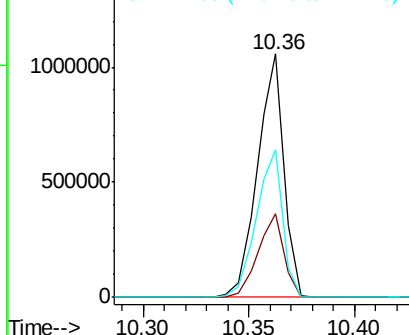


Abundance

Ion 204.00 (203.70 to 204.70): E

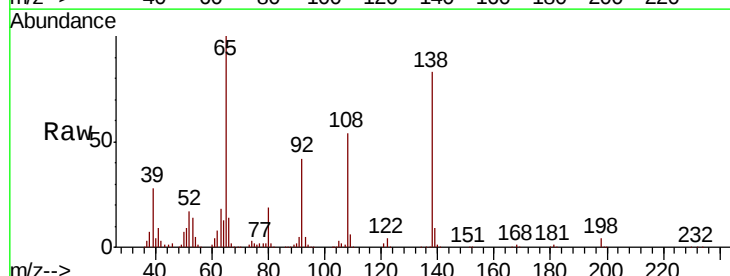
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 67.564 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	31.6	71.6
108	65.2	45.2	85.2

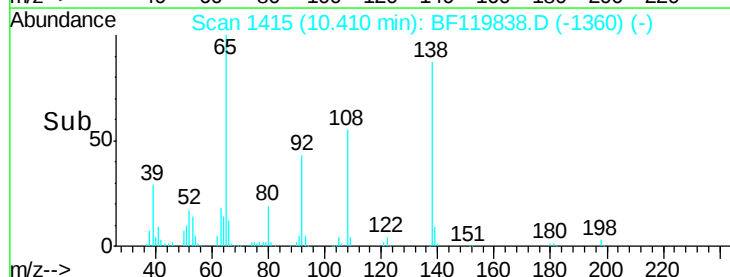
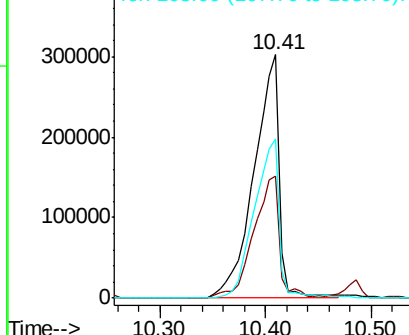


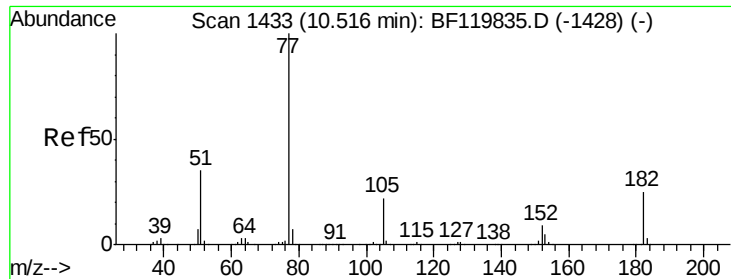
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





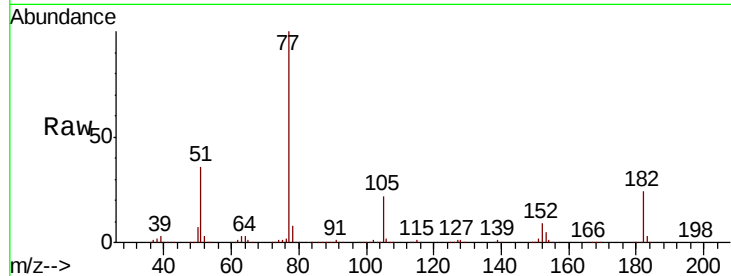
#63
Azobenzene
Concen: 68.138 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

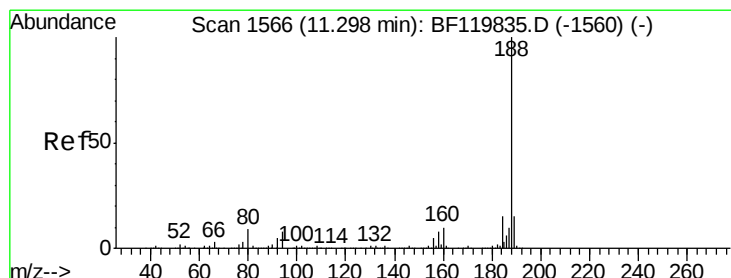
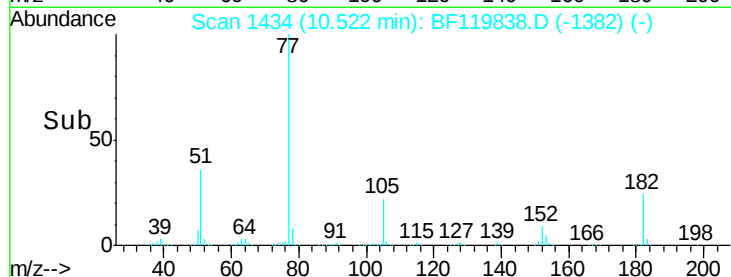
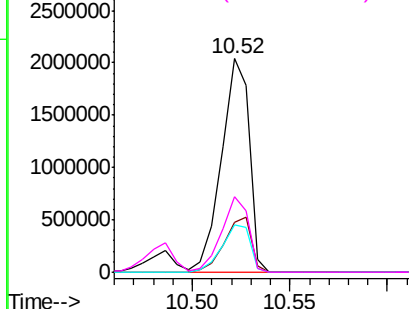
Tot Ion: 77 Resp: 2006620
Ion Ratio Lower Upper
77 100
182 23.6 4.5 44.5
105 22.1 2.2 42.2
51 35.6 15.1 55.1

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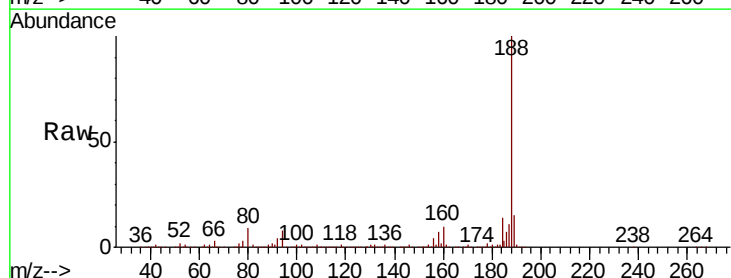


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

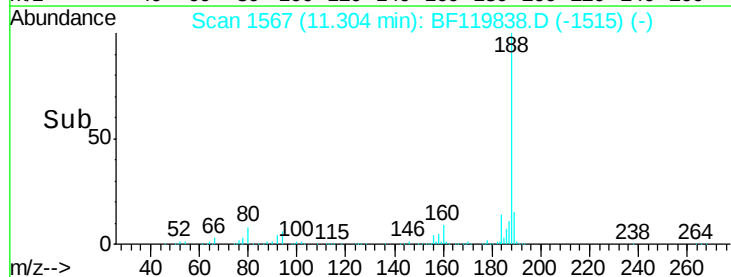
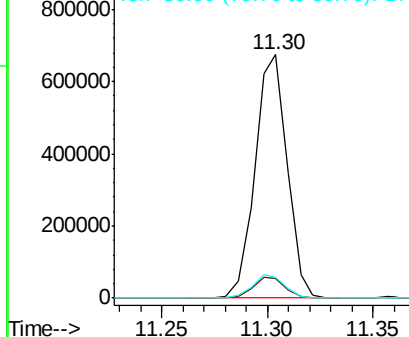


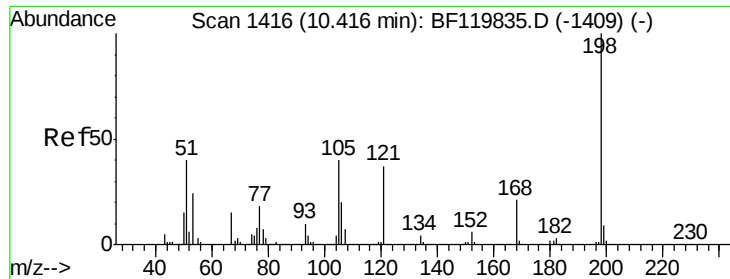
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion: 188 Resp: 712728
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 7.4 11.2



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





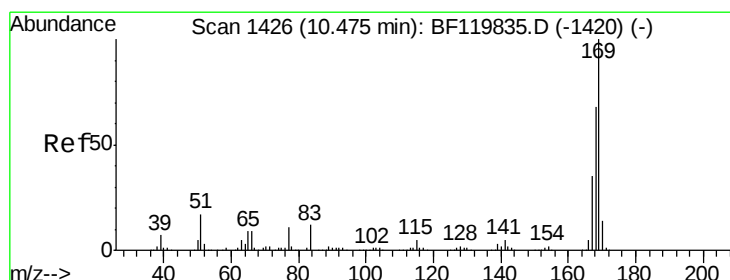
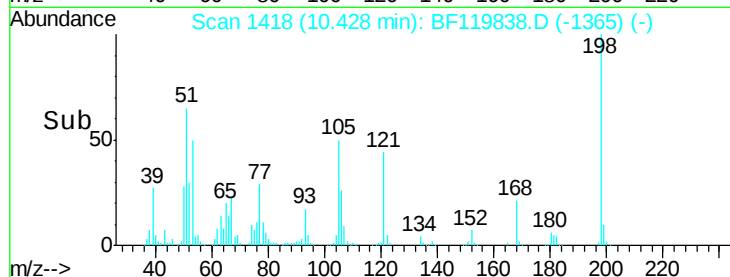
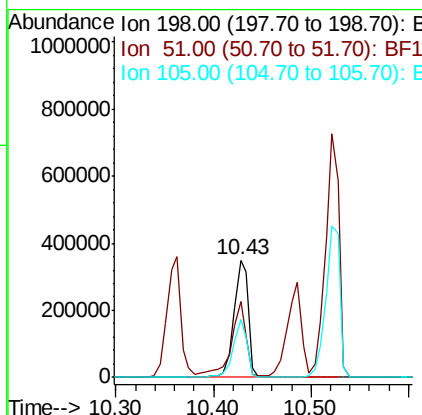
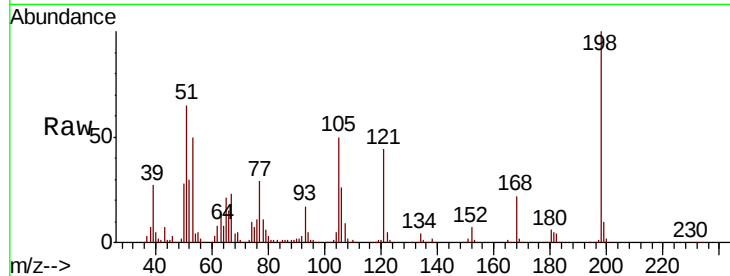
#65
4,6-Dinitro-2-methylphenol
Concen: 119.249 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	356395		
51	65.0	25.2	65.2	
105	49.6	20.8	60.8	

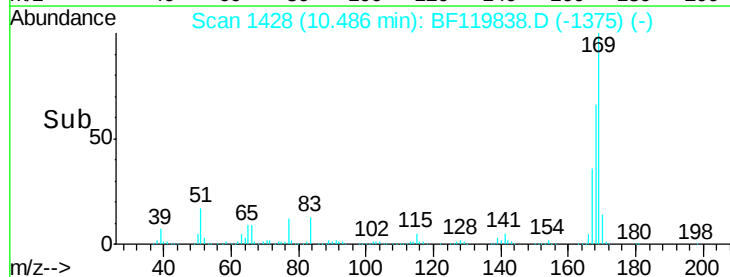
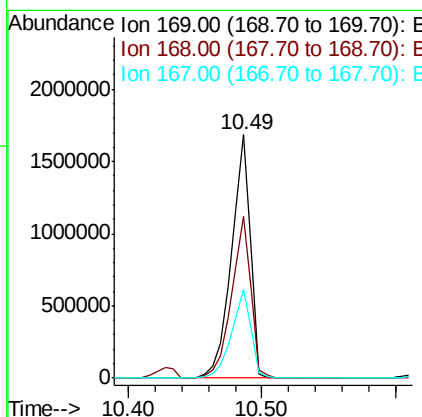
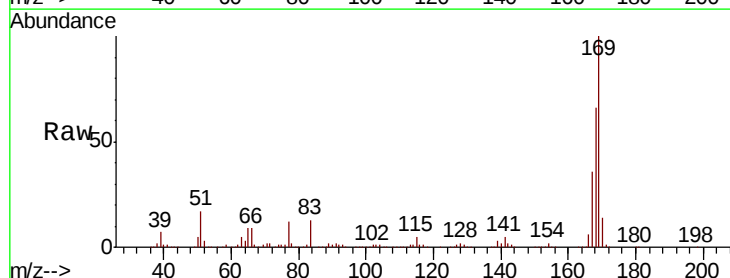
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#66
n-Nitrosodiphenylamine
Concen: 72.086 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1686657		
168	66.2	54.2	81.4	
167	36.3	28.3	42.5	





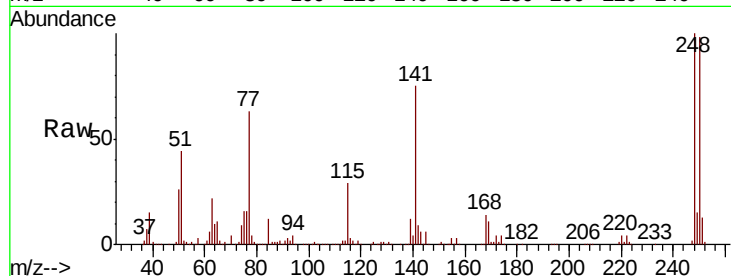
#67
 4-Bromophenyl-phenylether
 Concen: 80.481 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.6	114.8
141	74.9	55.9	83.9

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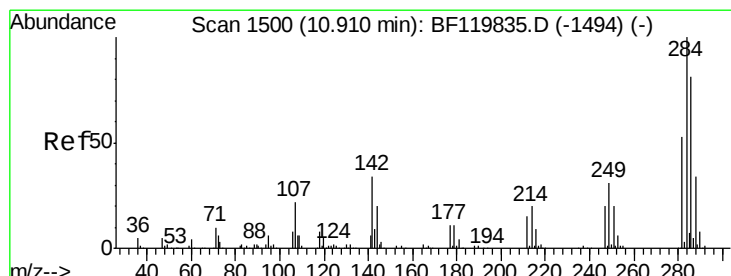
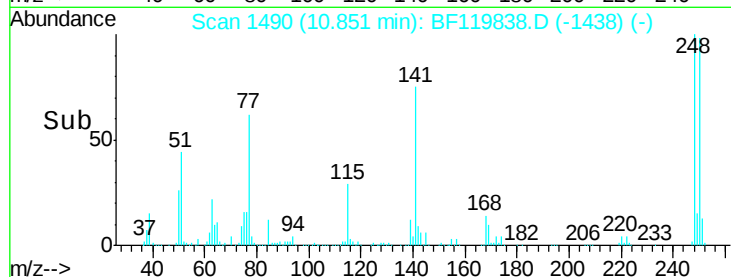
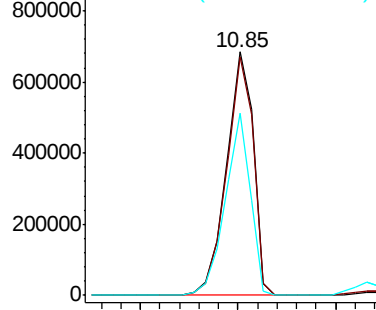


Abundance

Ion 248.00 (247.70 to 248.70): E

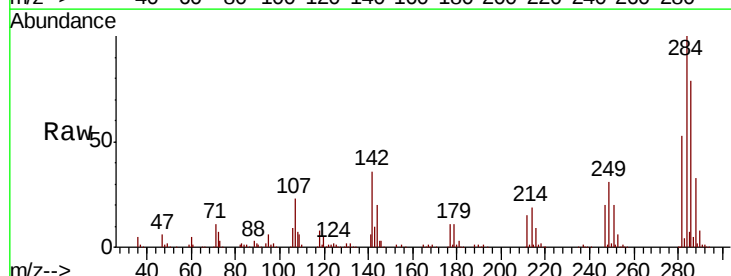
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 78.230 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.9	26.9	40.3
249	30.6	24.6	37.0

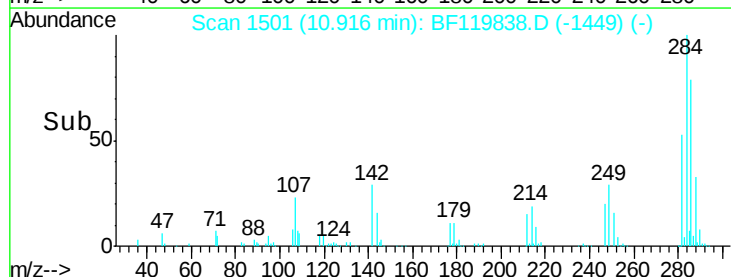
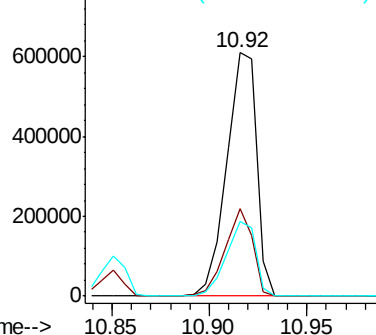


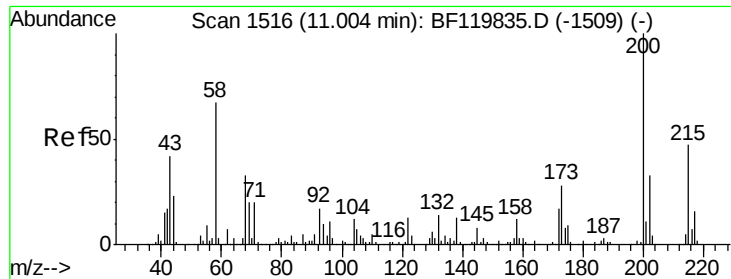
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





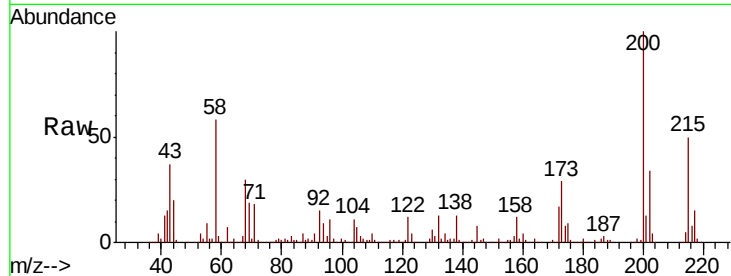
#69
Atrazine
Concen: 69.341 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	444786		
173	29.0	8.0	48.0	
215	50.2	27.1	67.1	

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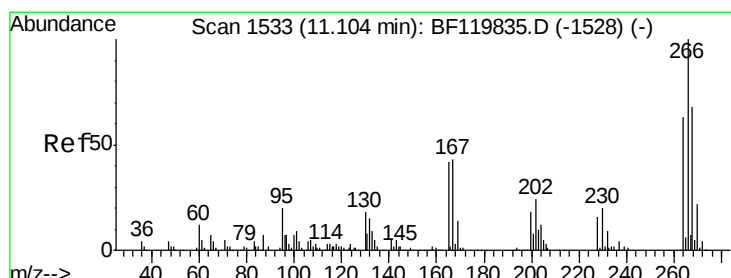
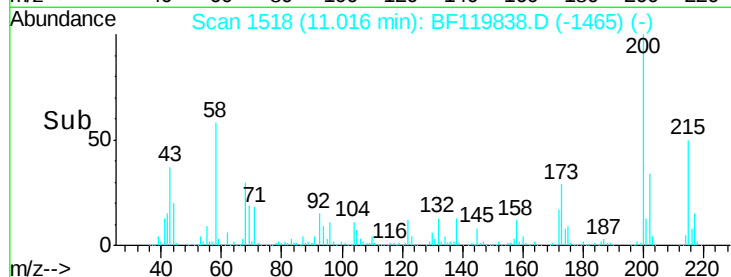
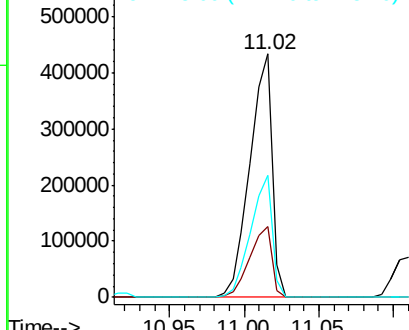


Abundance

Ion 200.00 (199.70 to 200.70): E

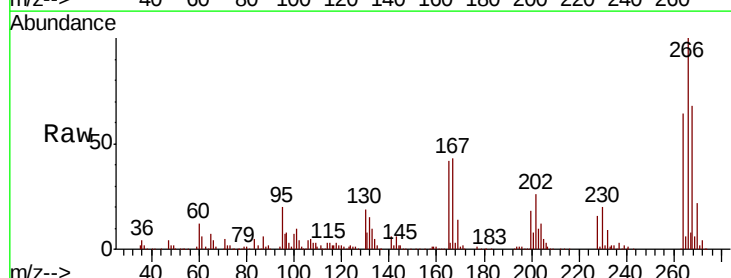
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 78.187 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	380866		
268	67.9	54.2	81.4	
264	64.1	50.6	76.0	

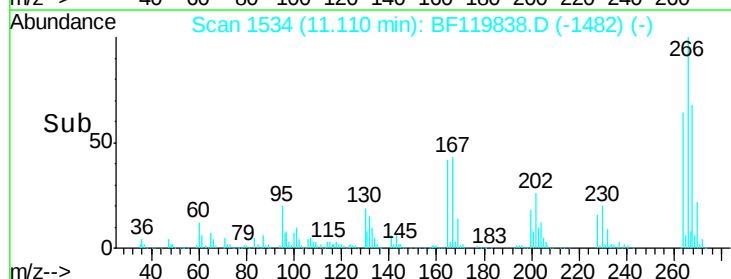
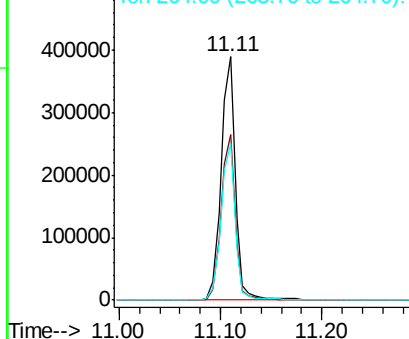


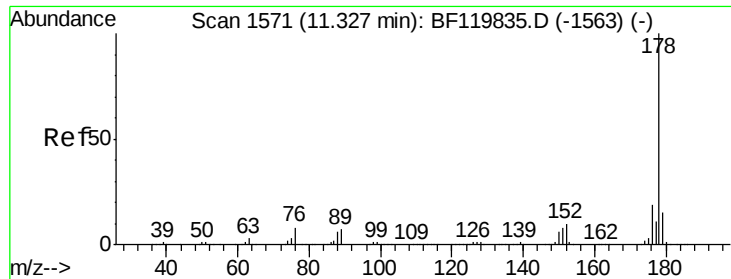
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





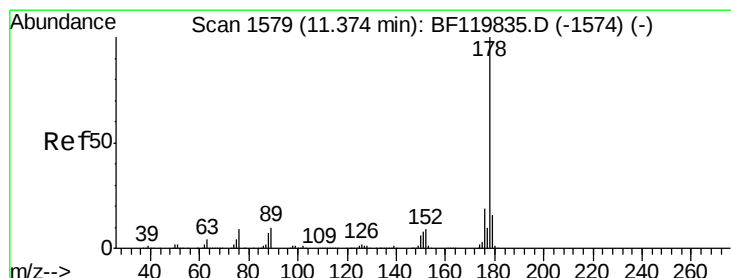
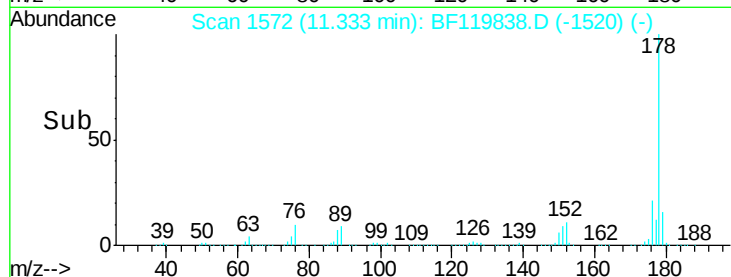
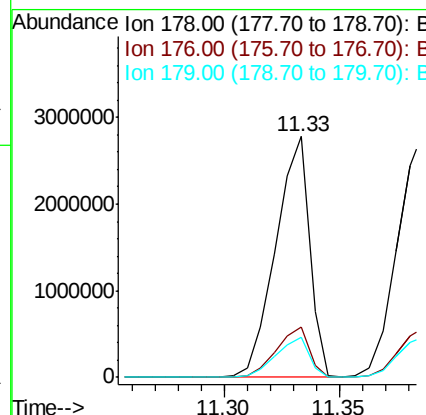
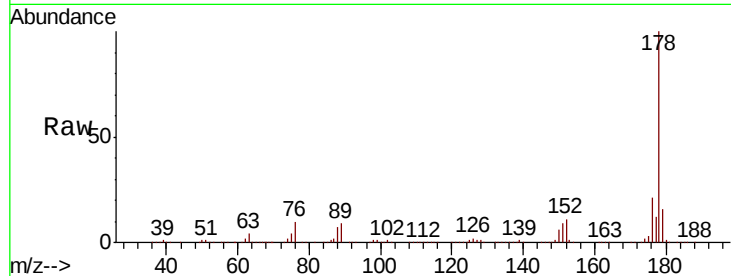
#71
Phenanthrene
Concen: 76.401 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:178 Resp: 2823545
Ion Ratio Lower Upper
178 100
176 20.6 15.1 22.7
179 16.4 12.2 18.4

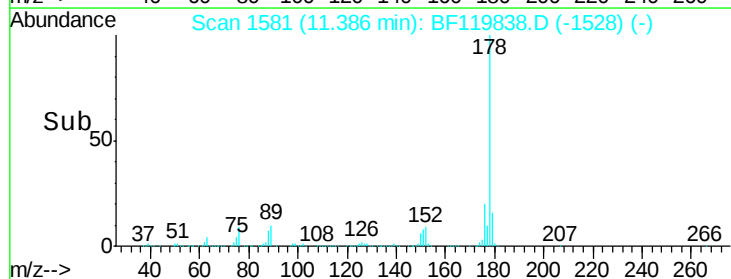
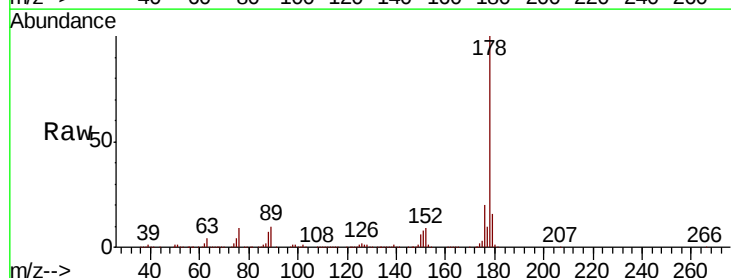
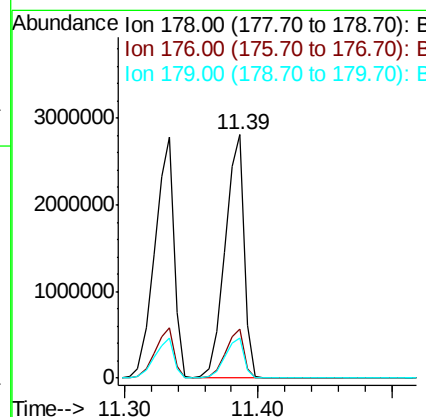
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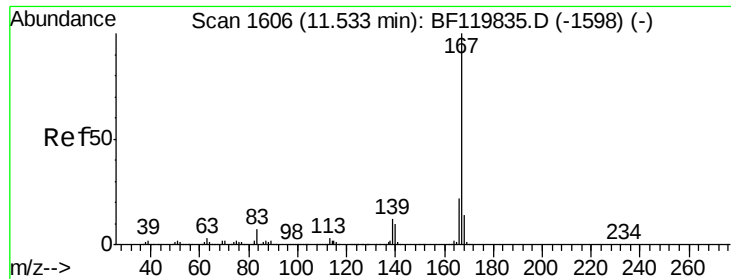
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#72
Anthracene
Concen: 75.291 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion:178 Resp: 2827979
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 16.4 12.8 19.2





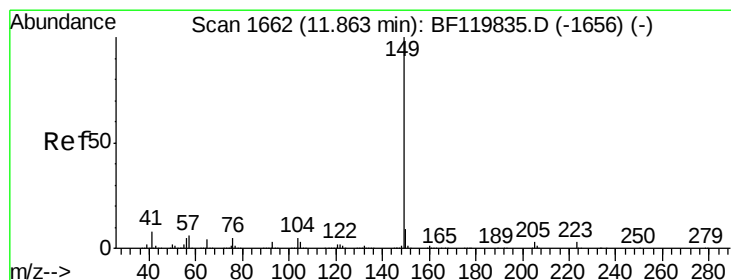
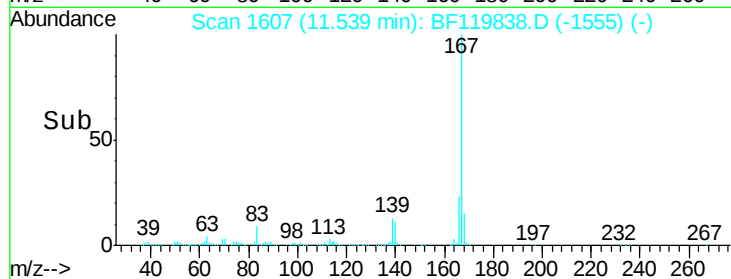
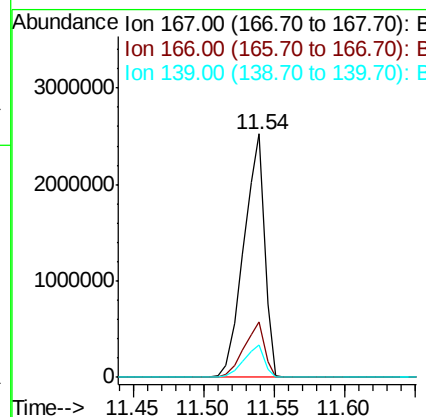
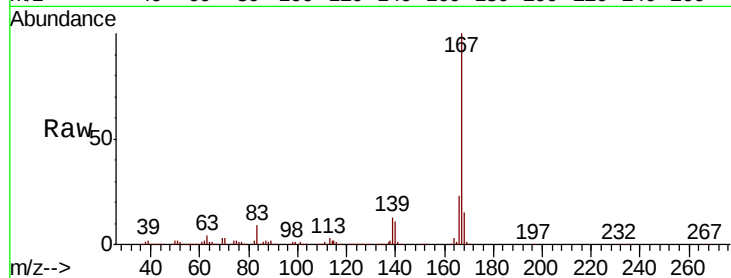
#73
 Carbazole
 Concen: 69.682 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:167 Resp: 2590637
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 13.4 9.8 14.8

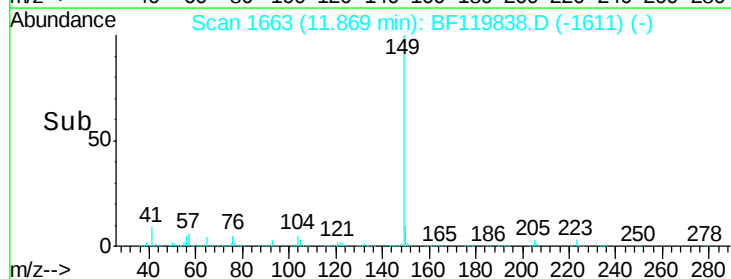
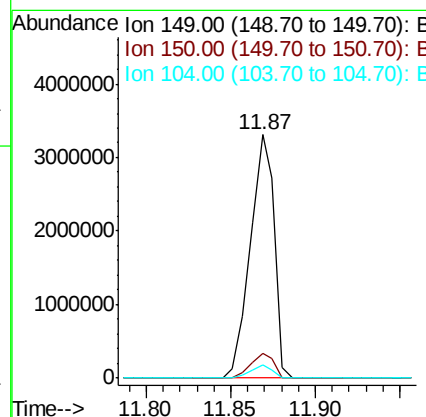
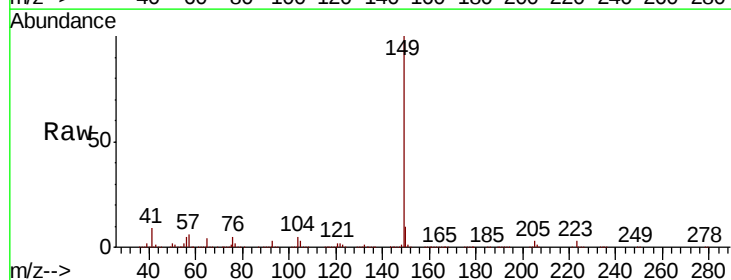
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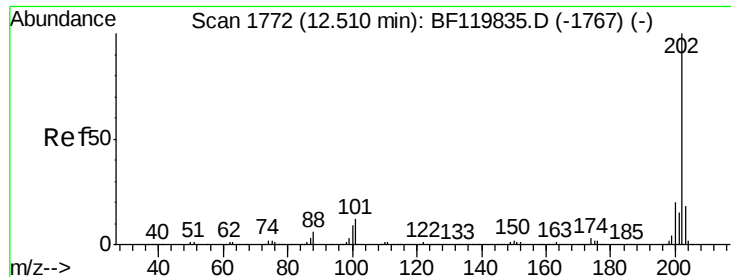
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#74
 Di-n-butylphthalate
 Concen: 82.311 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion:149 Resp: 3273549
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.6 11.4
 104 5.2 3.8 5.6





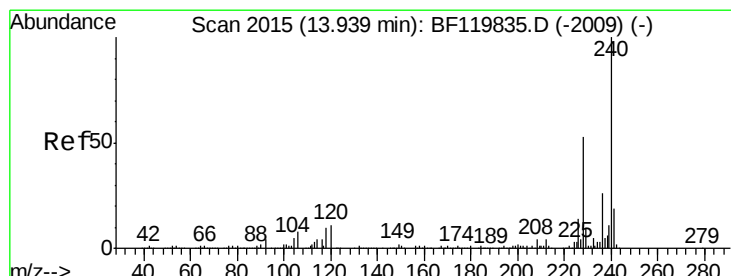
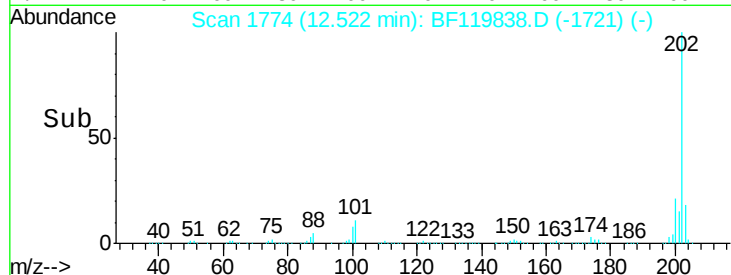
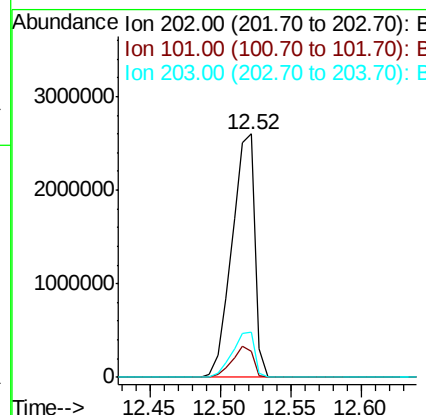
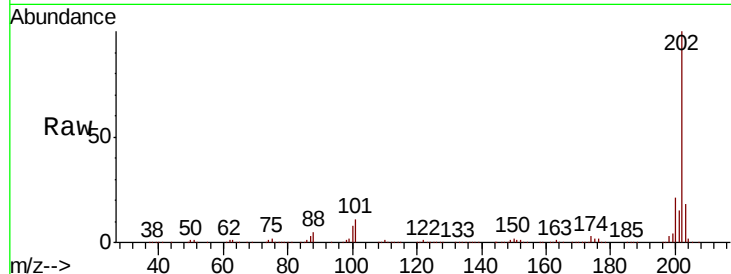
#75
Fluoranthene
Concen: 72.450 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.3
203	18.4	0.0	37.6

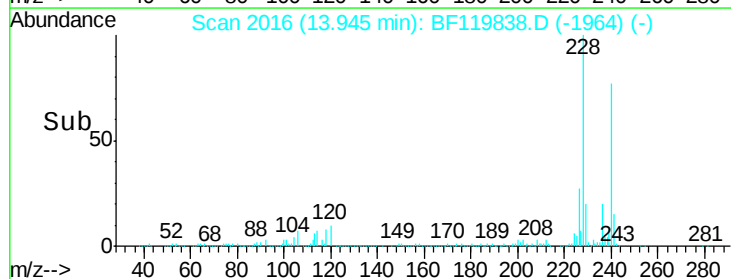
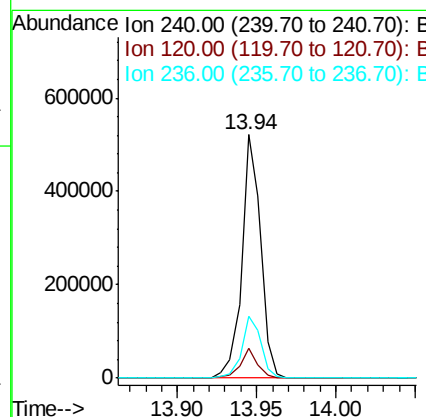
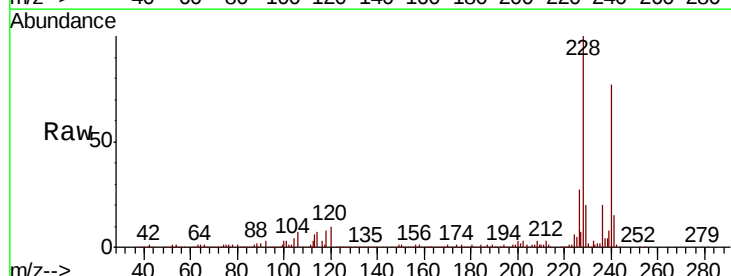
Manual Integrations
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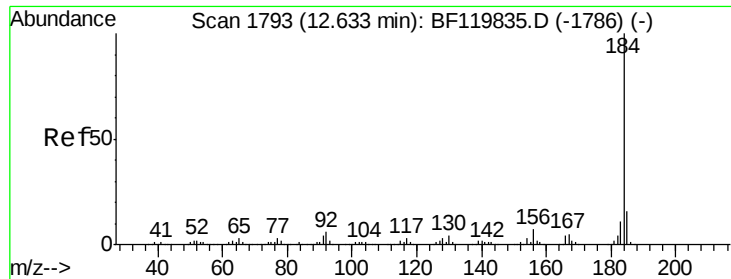
mohammad
4/10/2020 9:57:06 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 73.986 ng/mL

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1334797

Ion Ratio Lower Upper

184 100

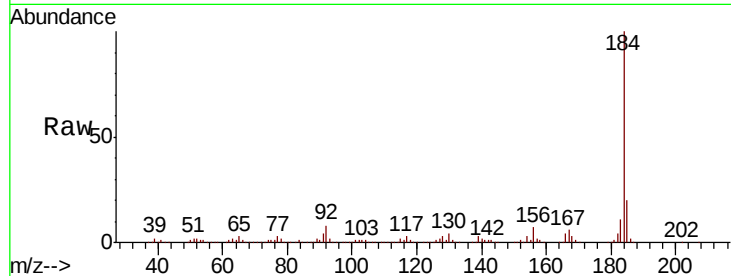
185 20.4 13.2 19.8#

183 11.4 9.1 13.7

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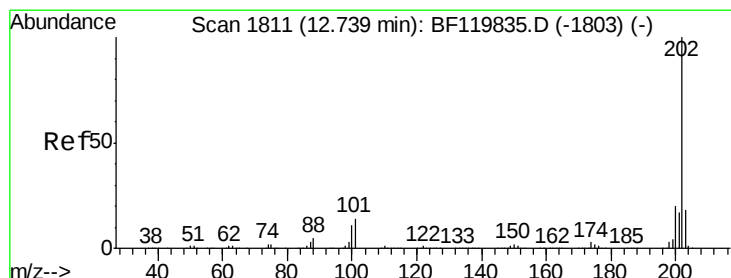
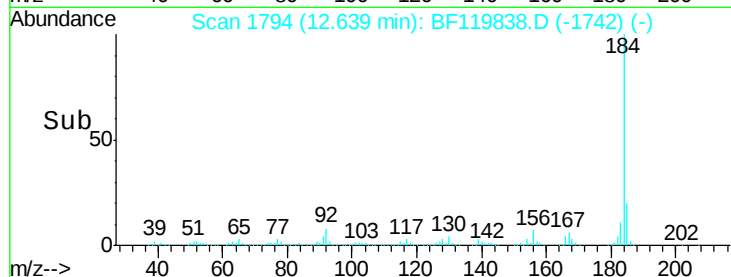
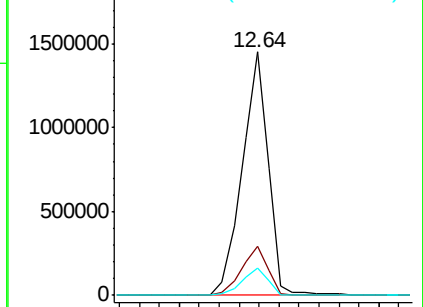
4/10/2020 9:57:06 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 77.498 ng/mL

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

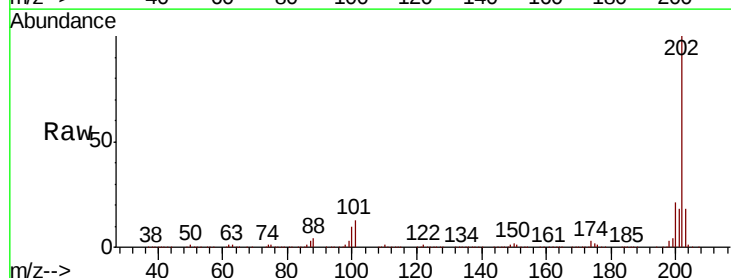
Tgt Ion:202 Resp: 2711389

Ion Ratio Lower Upper

202 100

200 21.2 16.2 24.2

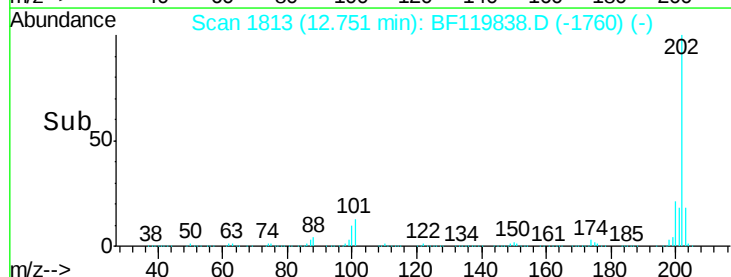
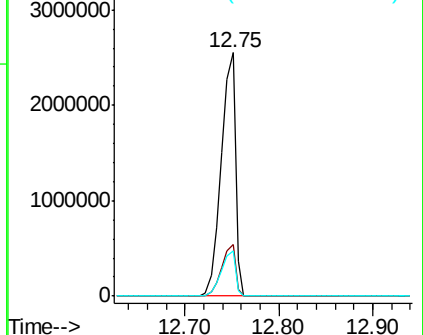
203 18.3 14.1 21.1

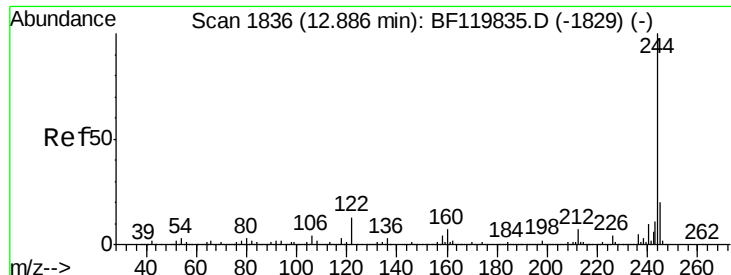


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





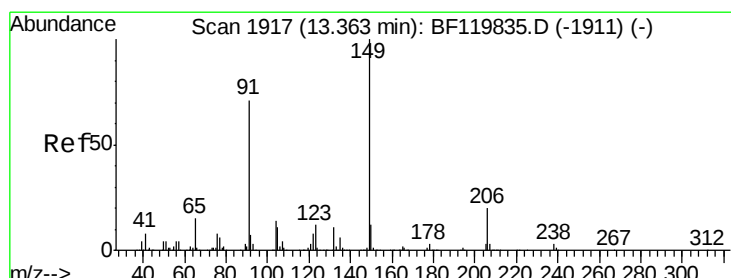
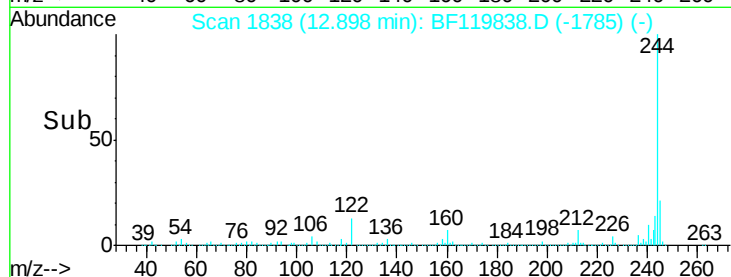
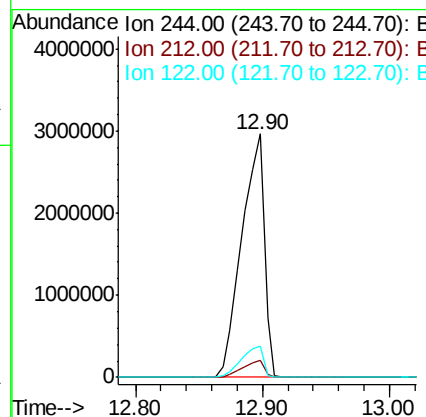
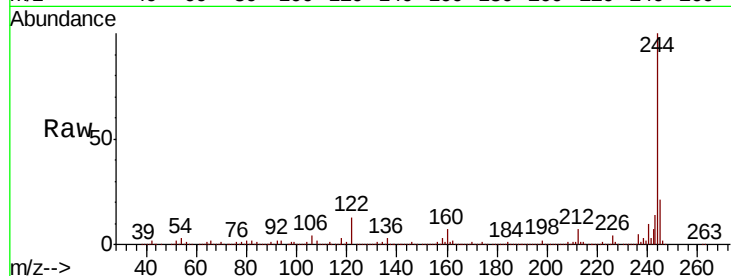
#79
 Terphenyl-d14
 Concen: 167.112 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.8	10.3	15.5

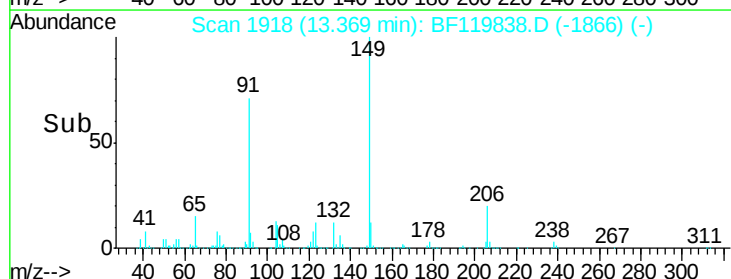
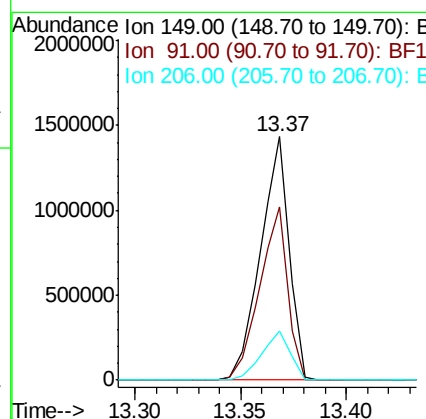
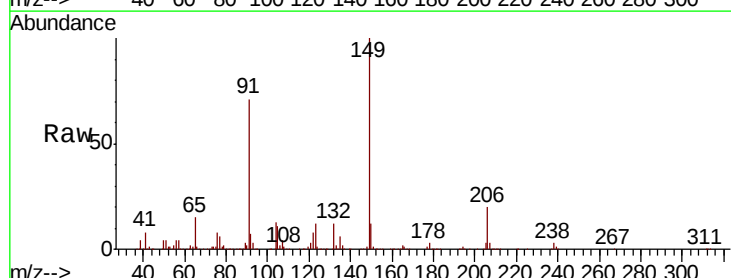
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 95.243 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.7	85.1
206	20.0	15.7	23.5





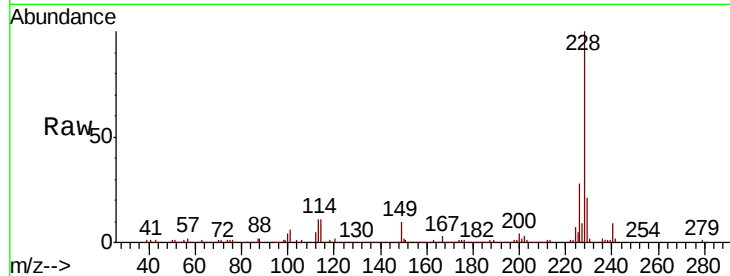
#81
Benzo(a)anthracene
Concen: 74.367 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	20.8	15.9	23.9

Manual Integrations
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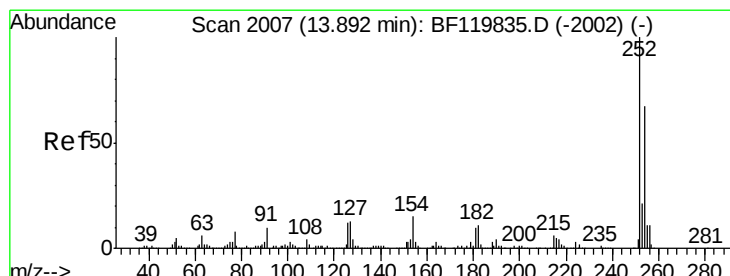
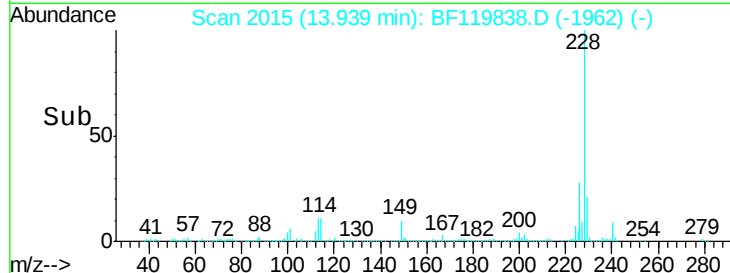
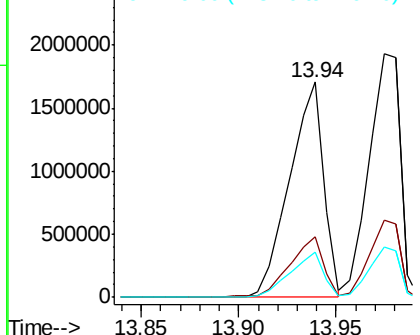


Abundance

Ion 228.00 (227.70 to 228.70): E

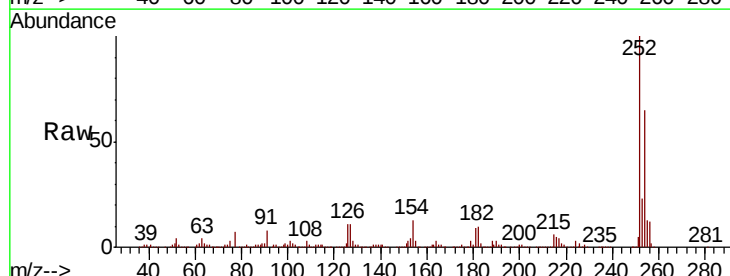
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 68.173 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.9	80.9
126	10.6	9.7	14.5

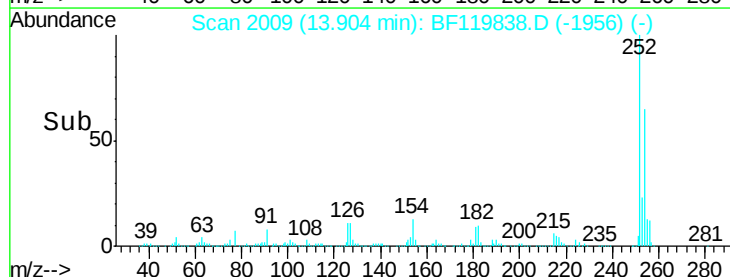
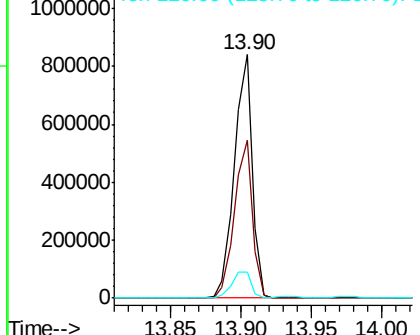


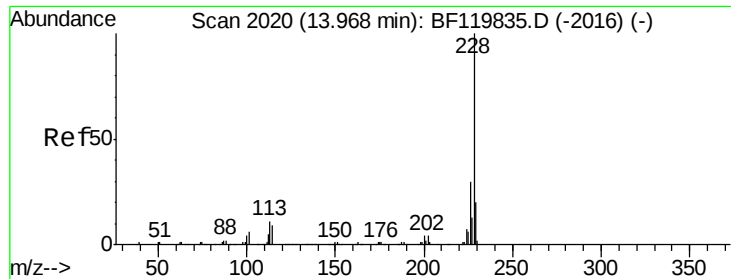
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





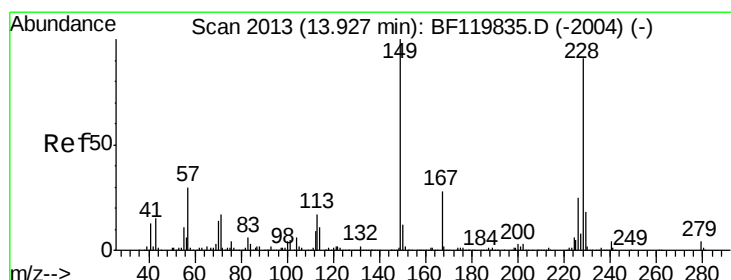
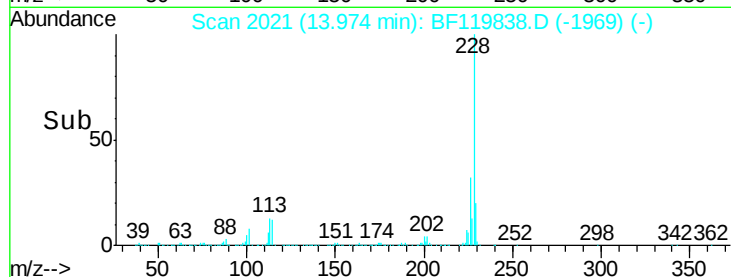
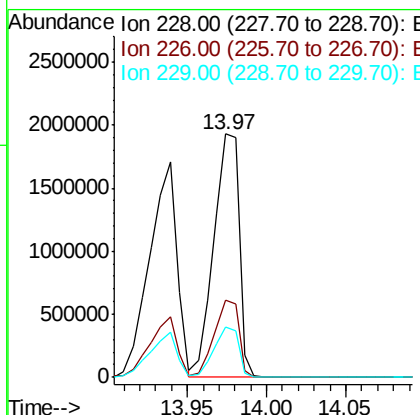
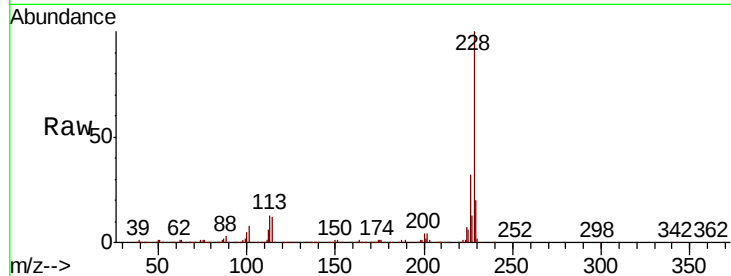
#83
 Chrvsene
 Concen: 75.020 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp: 2146341
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.2 36.2
 229 20.4 15.9 23.9

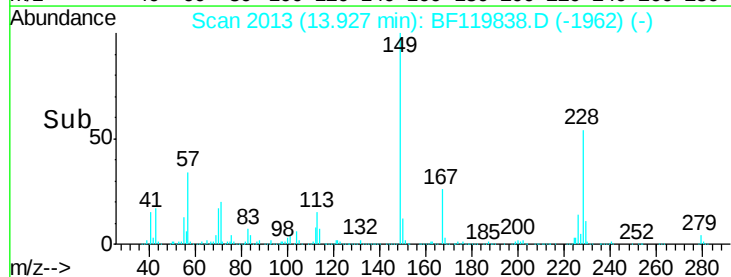
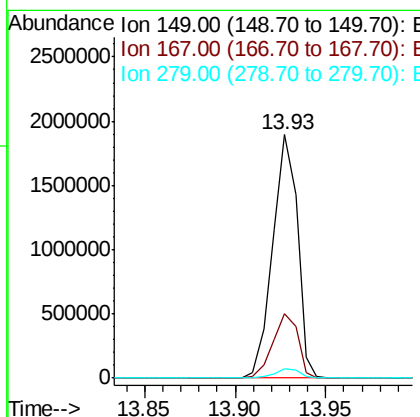
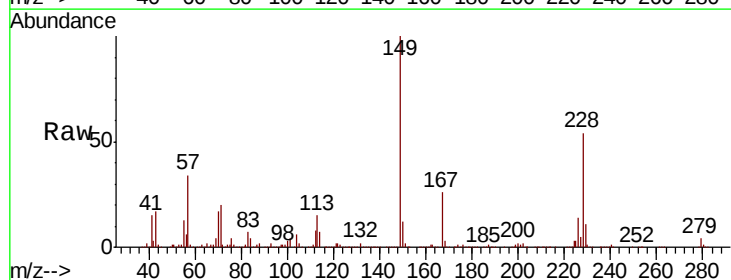
Manual Integrations
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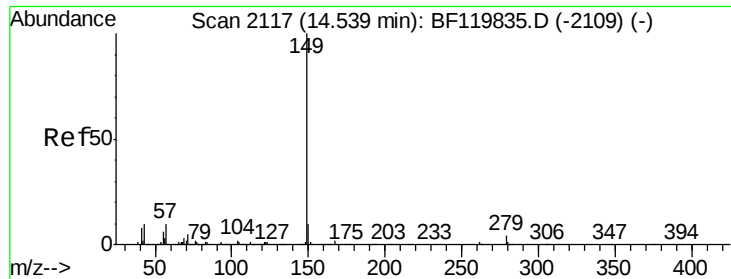
mohammad
 4/10/2020 9:57:06 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 106.701 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF119838.D
 Acq: 8 Apr 2020 21:30

Tgt Ion:149 Resp: 1799889
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.2
 279 3.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 100.677 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2986756

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

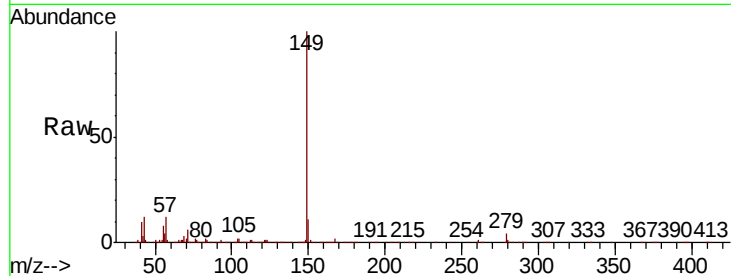
43 11.6 9.2 13.8

Manual Integrations

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Abundance Ion 149.00 (148.70 to 149.70): E

4000000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

3000000

2000000

1000000

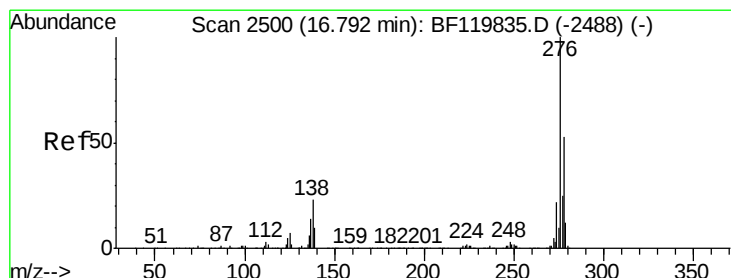
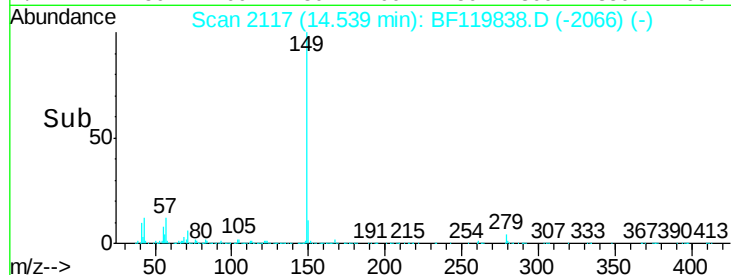
0

14.54

14.50

14.60

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 70.585 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF119838.D

Acq: 8 Apr 2020 21:30

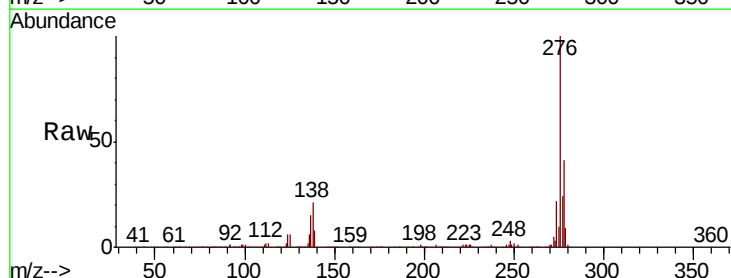
Tgt Ion:276 Resp: 1901921

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

600000

400000

200000

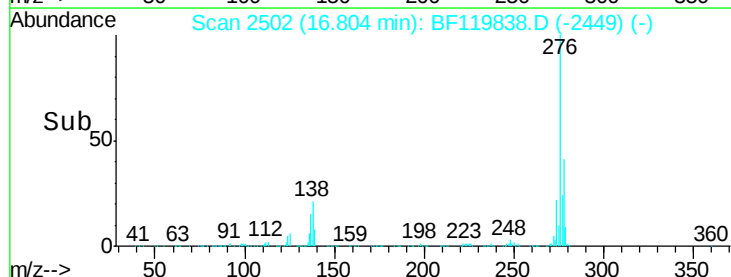
0

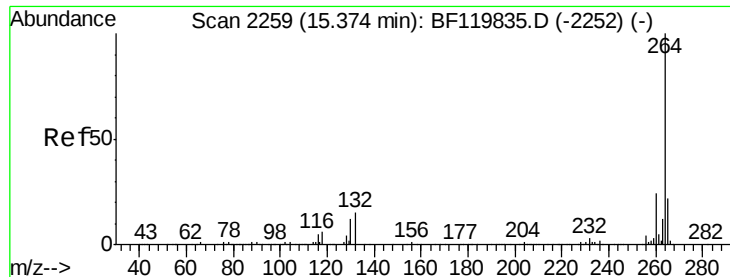
16.80

16.80

17.00

Time-->





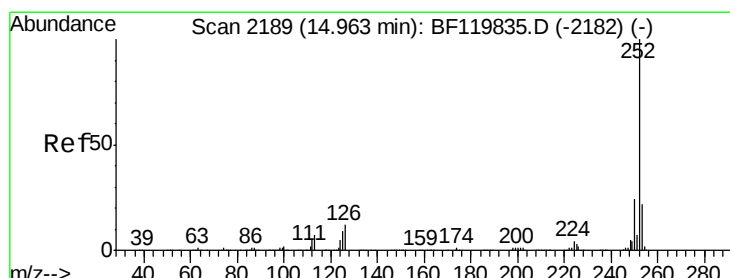
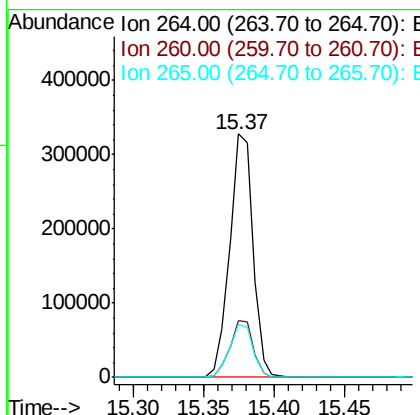
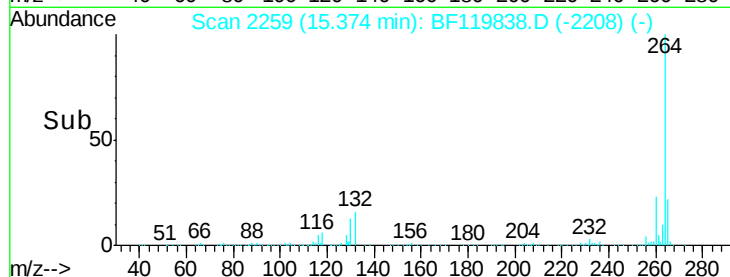
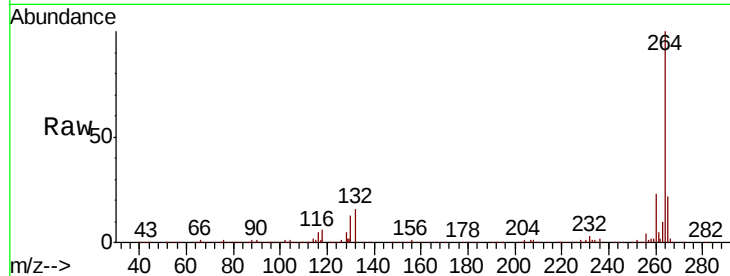
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.6	17.6	26.4

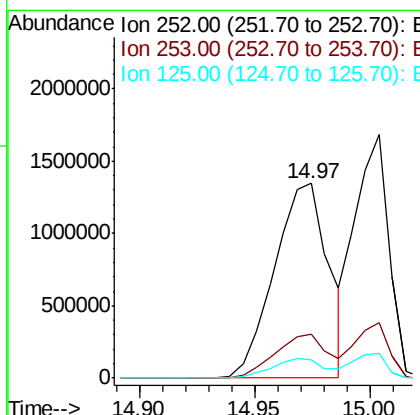
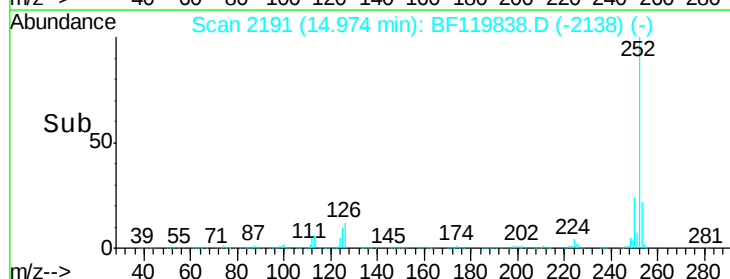
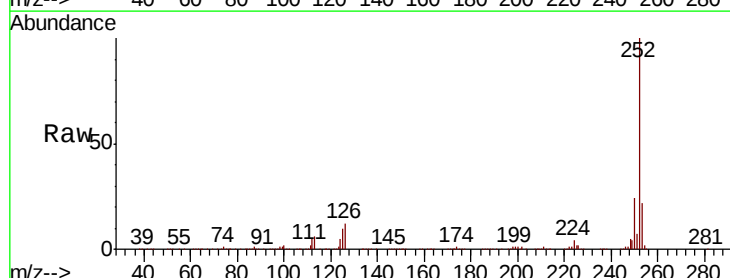
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 87.443 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.6	7.4	11.2





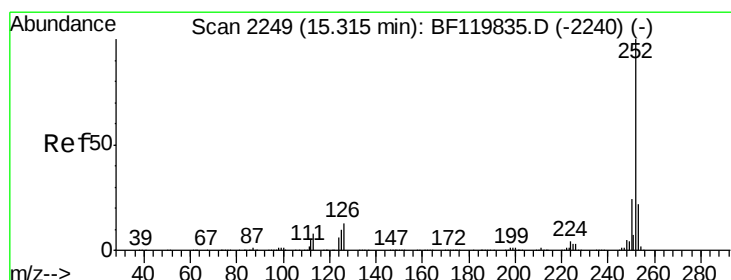
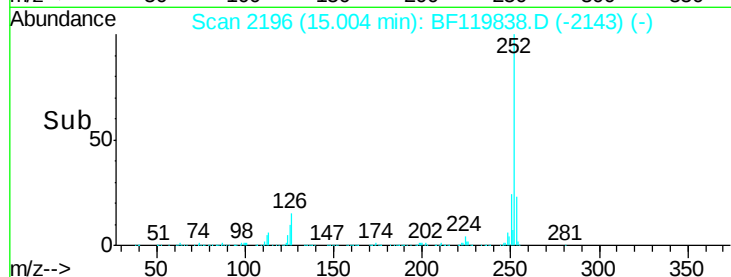
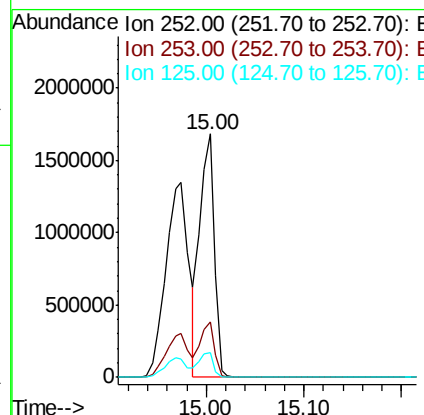
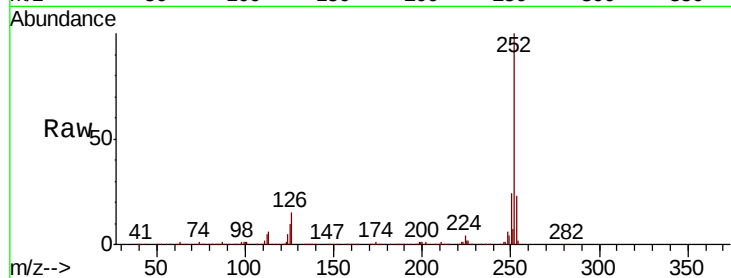
#89
Benzo(k)fluoranthene
Concen: 72.011 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.2	7.7	11.5

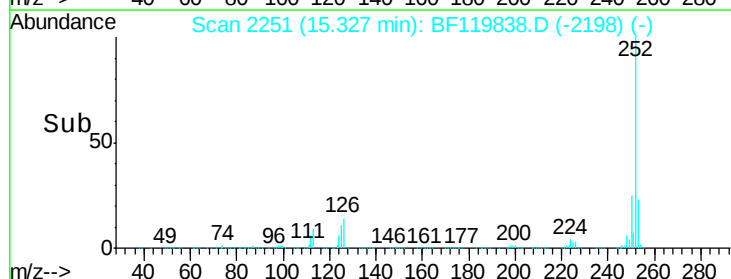
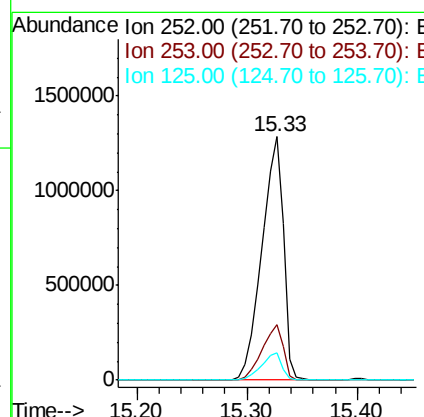
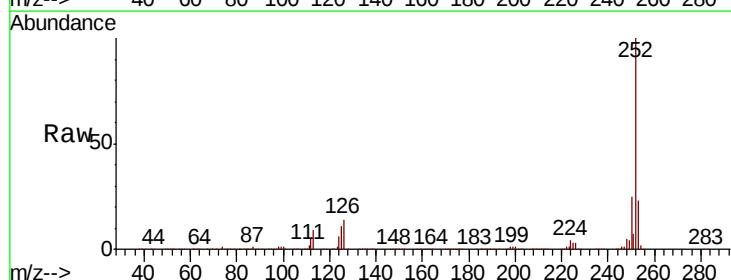
Manual Integrations
APPROVED

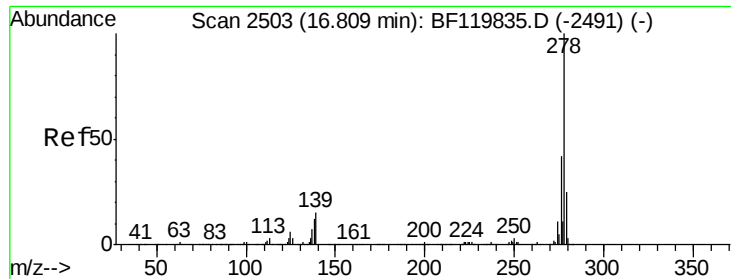
mohammad
4/10/2020 9:57:06 AM



#90
Benzo(a)pyrene
Concen: 77.428 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.1	8.3	12.5





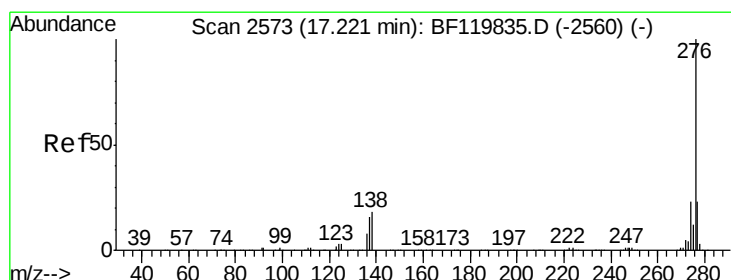
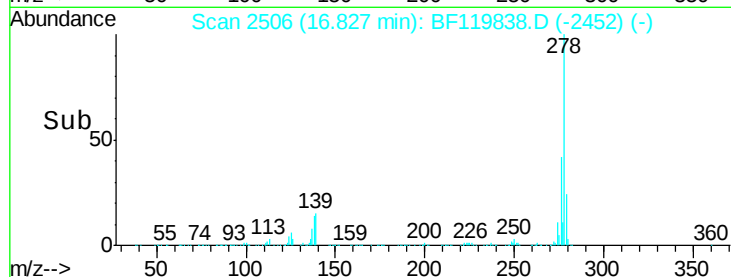
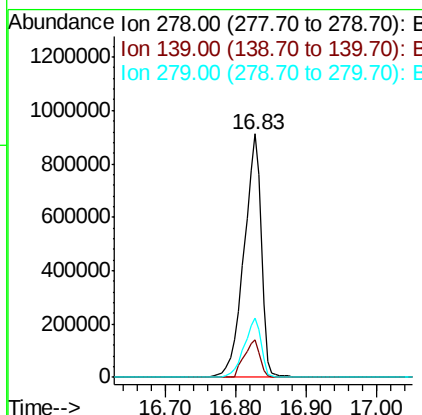
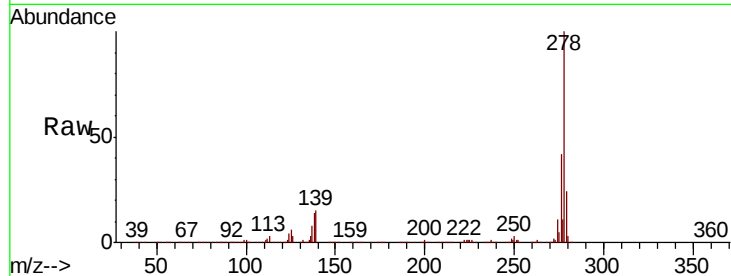
#91
Dibenzo(a,h)anthracene
Concen: 77.249 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.02 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.4	11.6	17.4	
279	24.3	19.7	29.5	

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:06 AM



#92
Benzo(g,h,i)perylene
Concen: 77.679 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.02 min
Lab File: BF119838.D
Acq: 8 Apr 2020 21:30

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.6	18.5	27.7	
138	20.0	14.6	22.0	

