

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119710.D
 Acq On : 3 Apr 2020 11:10
 Operator : MA/SJ
 Sample : PB127799BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:37 PM

Quant Time: Apr 03 14:22:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	220391	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	857396	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	445206	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	871171	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	670010	20.00	ng	-0.01
87) Perylene-d12	15.44	264	638234	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1635919	118.16	ng	0.01
7) Phenol-d6	6.44	99	2097705	118.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	1283660	81.37	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	610579	132.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2399218	79.84	ng	0.00
79) Terphenyl-d14	12.93	244	2787123	81.50	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.63	88	219968	32.170 ng	95
3) Pyridine	3.35	79	611523	32.463 ng	91
4) n-Nitrosodimethylamine	3.30	42	325856	35.472 ng	90
6) Aniline	6.46	93	741716	30.388 ng	98
8) 2-Chlorophenol	6.59	128	667011	45.872 ng	96
9) Benzaldehyde	6.35	77	343666	30.632 ng	98
10) Phenol	6.45	94	841523	44.594 ng	99
11) bis(2-Chloroethyl)ether	6.54	93	624365	41.369 ng	99
12) 1,3-Dichlorobenzene	6.75	146	664025	42.194 ng	97
13) 1,4-Dichlorobenzene	6.82	146	670956	42.624 ng	99
14) 1,2-Dichlorobenzene	6.97	146	615776	41.851 ng	99
15) Benzyl Alcohol	6.95	79	543211	40.833 ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1077855	35.406 ng	98
17) 2-Methylphenol	7.06	107	533001	40.007 ng	99
18) Hexachloroethane	7.32	117	248444	43.068 ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	432369	40.561 ng	98
20) 3+4-Methylphenols	7.22	107	649174	39.760 ng	# 80
22) Acetophenone	7.22	105	837223	40.866 ng	# 89
24) Nitrobenzene	7.39	77	674881	40.029 ng	95
25) Isophorone	7.63	82	1233219	38.535 ng	99
26) 2-Nitrophenol	7.70	139	355358	53.531 ng	92
27) 2,4-Dimethylphenol	7.75	122	571211	41.614 ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	779384	41.185 ng	99
29) 2,4-Dichlorophenol	7.95	162	537734	42.636 ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	574465	41.186 ng	98
31) Naphthalene	8.12	128	1844214	41.797 ng	99
32) Benzoic acid	7.87	122	455649	51.605 ng	92
33) 4-Chloroaniline	8.16	127	467462	23.121 ng	96
34) Hexachlorobutadiene	8.23	225	318886	40.862 ng	99
35) Caprolactam	8.53	113	178475m	43.238 ng	
36) 4-Chloro-3-methylphenol	8.65	107	595351	43.189 ng	97
37) 2-Methylnaphthalene	8.81	142	1250703	43.191 ng	98
38) 1-Methylnaphthalene	8.91	142	1175448	42.886 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	524997	40.232 ng	99

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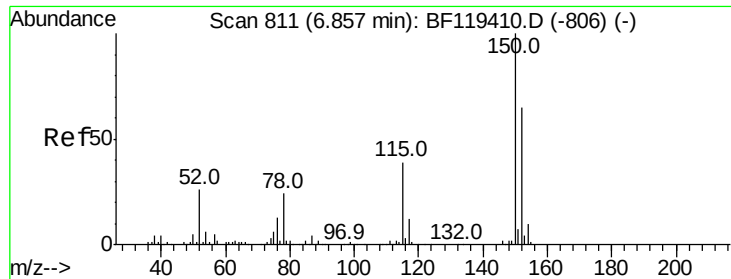
Manual Integrations
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 4/6/2020 1:38:37 PM

Quant Time: Apr 03 14:22:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	641181	86.427	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	408592	43.754	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	418397	39.995	nq	95
46) 1,1'-Biphenyl	9.27	154	1475292	40.687	nq	99
47) 2-Chloronaphthalene	9.30	162	1170720	41.219	nq	98
48) 2-Nitroaniline	9.39	65	412755	42.103	nq	93
49) Acenaphthylene	9.72	152	1867252	41.864	nq	98
50) Dimethylphthalate	9.57	163	1350345	42.701	nq	99
51) 2,6-Dinitrotoluene	9.63	165	310815	45.855	nq	92
52) Acenaphthene	9.89	154	1288184m	46.328	nq	
53) 3-Nitroaniline	9.80	138	232604	27.182	nq	90
54) 2,4-Dinitrophenol	9.91	184	369686	121.859	nq	91
55) Dibenzofuran	10.06	168	1671667	41.932	nq	100
56) 4-Nitrophenol	9.97	139	582279	86.255	nq	94
57) 2,4-Dinitrotoluene	10.04	165	418338	48.993	nq	96
58) Fluorene	10.40	166	1278937	43.382	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	356852	45.636	nq	99
60) Diethylphthalate	10.28	149	1385934	43.181	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	606182	42.048	nq	99
62) 4-Nitroaniline	10.42	138	348884	42.516	nq	96
63) Azobenzene	10.56	77	1336086	41.338	nq	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	236805	64.824	nq	98
66) n-Nitrosodiphenylamine	10.52	169	1192247	41.688	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	404728	40.793	nq	93
68) Hexachlorobenzene	10.95	284	435632	42.900	nq	94
69) Atrazine	11.05	200	364160	46.446	nq	98
70) Pentachlorophenol	11.15	266	504844	84.789	nq	99
71) Phenanthrene	11.36	178	1894613	41.942	nq	98
72) Anthracene	11.42	178	1956481	42.615	nq	99
73) Carbazole	11.57	167	1846755	40.639	nq	99
74) Di-n-butylphthalate	11.90	149	2182301	44.893	nq	100
75) Fluoranthene	12.56	202	2091415	42.780	nq	97
77) Benzidine	12.67	184	954260	33.654	nq	99
78) Pyrene	12.79	202	2142325	38.961	nq	99
80) Butylbenzylphthalate	13.40	149	924632	41.576	nq	99
81) Benzo(a)anthracene	13.97	228	1738994	39.913	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	468362	27.264	nq	99
83) Chrysene	14.01	228	1766493	39.285	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1180446	44.525	nq	100
85) Di-n-octyl phthalate	14.58	149	2123269	45.538	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	1714688	40.490	nq	99
88) Benzo(b)fluoranthene	15.02	252	1937494	45.445	nq	97
89) Benzo(k)fluoranthene	15.05	252	1593318	39.248	nq	99
90) Benzo(a)pyrene	15.38	252	1615913	41.706	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	1418190	41.848	nq	98
92) Benzo(g,h,i)perylene	17.33	276	1400762	41.143	nq	95

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



#1

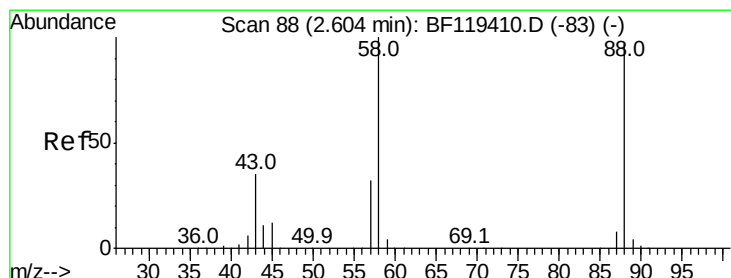
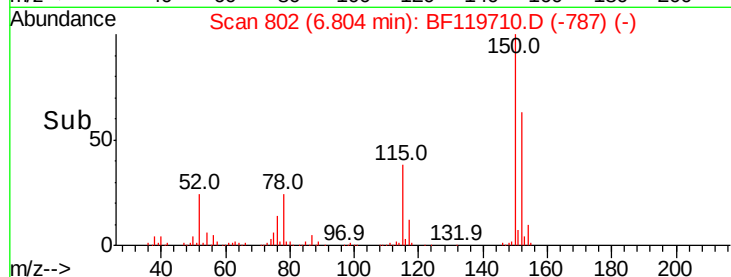
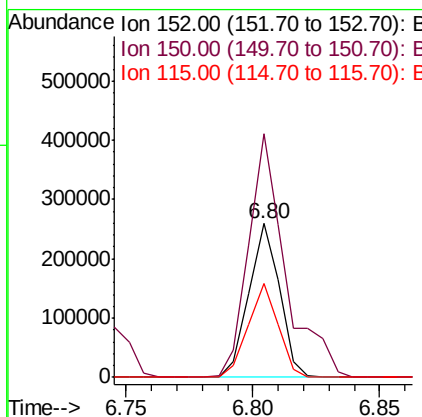
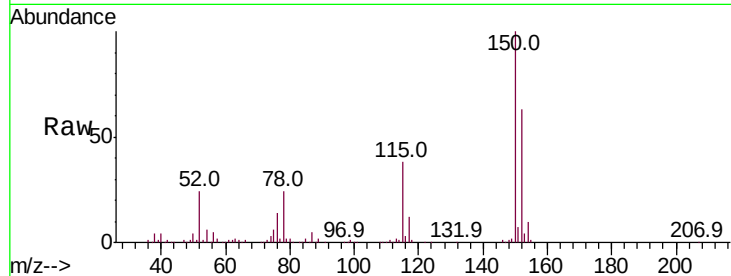
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.5	186.7
115	60.6	49.6	74.4

Manual Integrations
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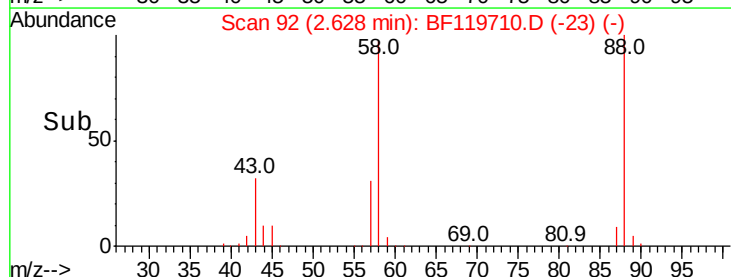
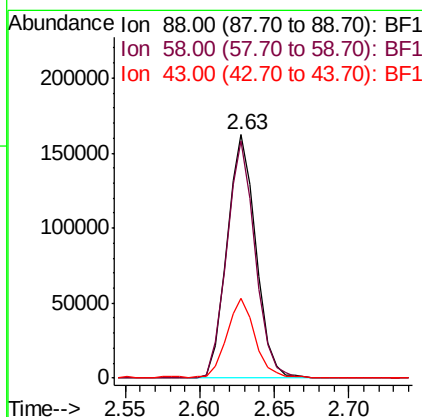
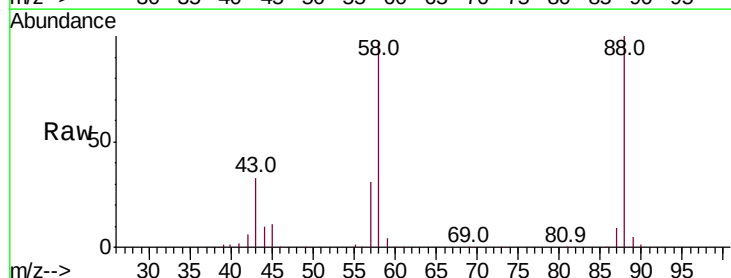
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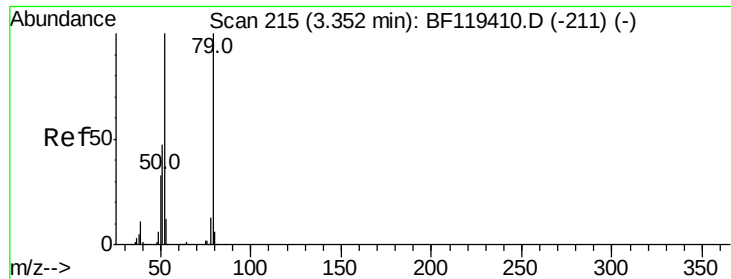


#2

1,4-Dioxane
Concen: 32.170 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.11 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	80.6	121.0
43	31.5	27.5	41.3





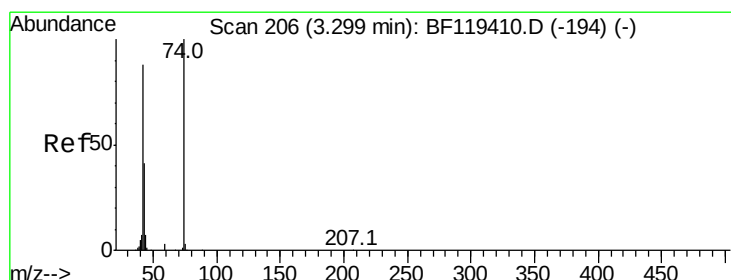
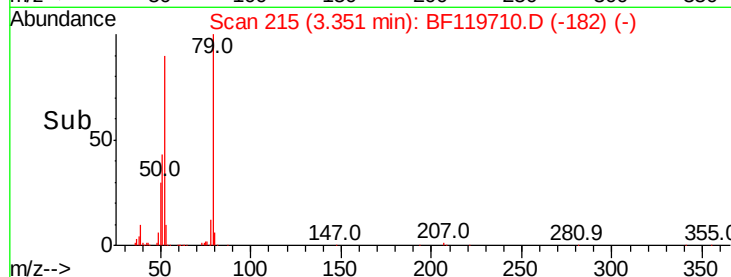
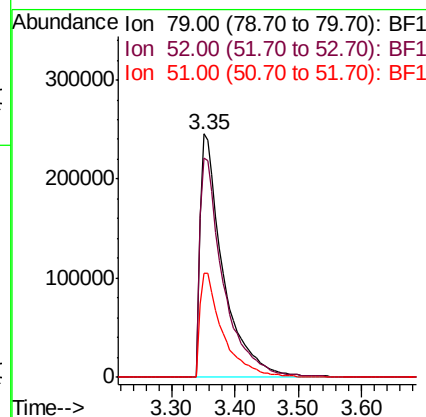
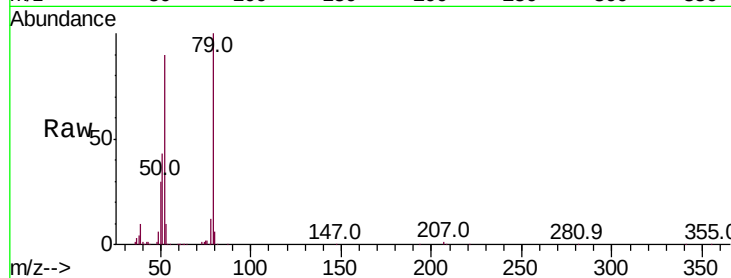
#3
 Pvridine
 Concen: 32.463 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion: 79 Resp: 611523
 Ion Ratio Lower Upper
 79 100
 52 90.2 80.2 120.2
 51 42.9 37.7 56.5

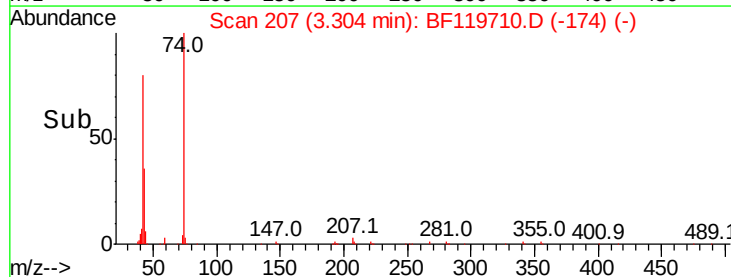
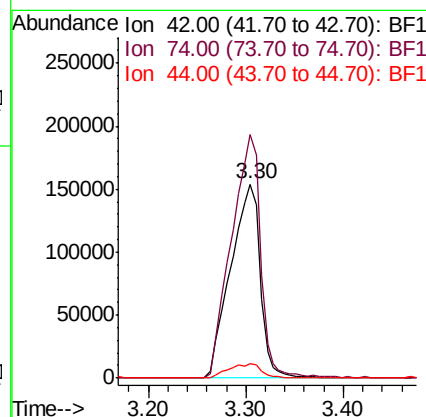
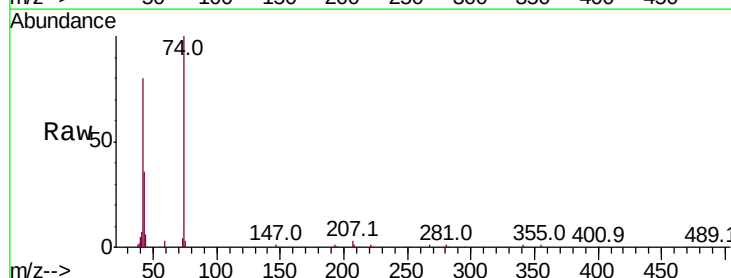
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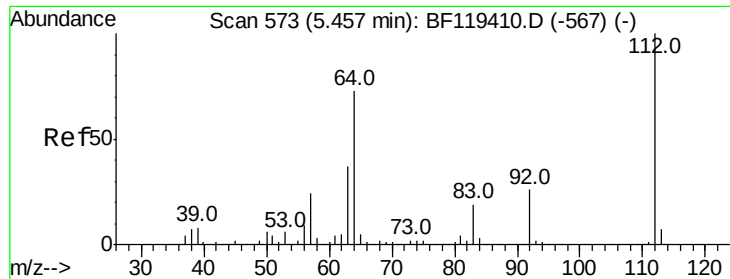
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#4
 n-Nitrosodimethylamine
 Concen: 35.472 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion: 42 Resp: 325856
 Ion Ratio Lower Upper
 42 100
 74 125.3 91.5 137.3
 44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 118.164 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion:112 Resp: 1635919

Ion Ratio Lower Upper

112 100

64 70.3 56.7 85.1

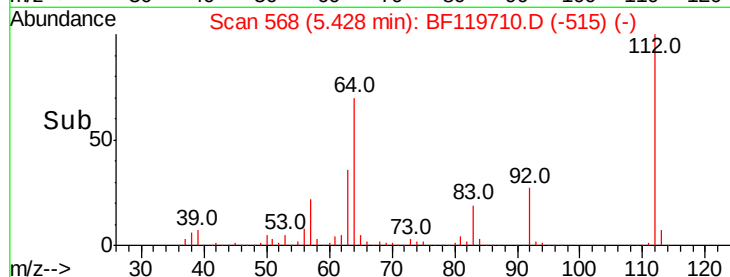
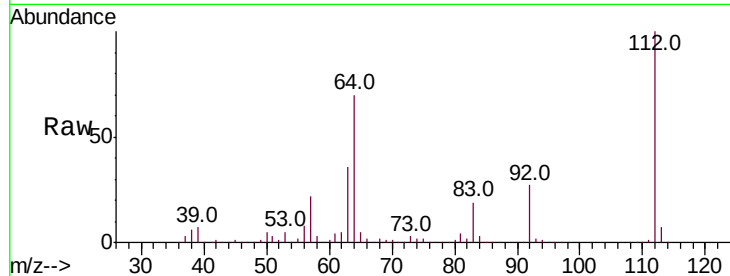
63 36.0 29.5 44.3

Manual Integrations

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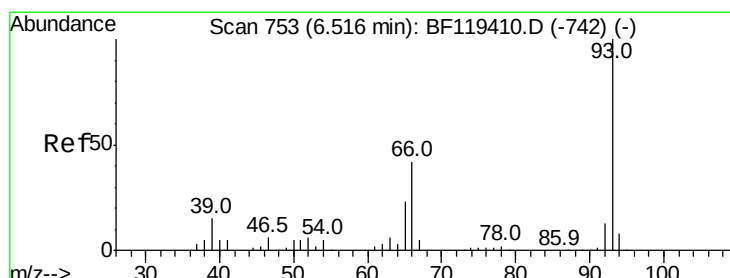
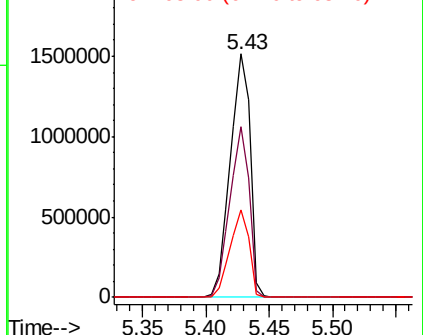
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.388 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

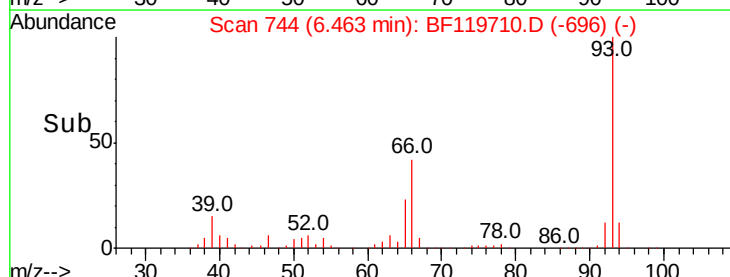
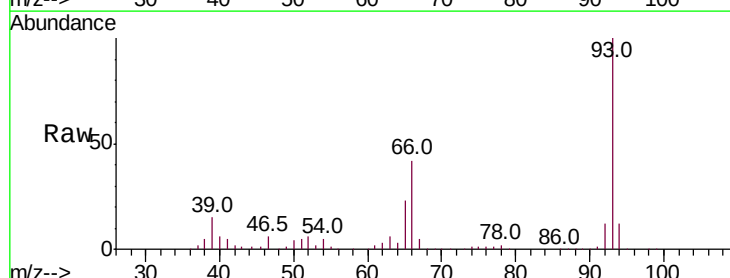
Tgt Ion: 93 Resp: 741716

Ion Ratio Lower Upper

93 100

66 42.1 34.9 52.3

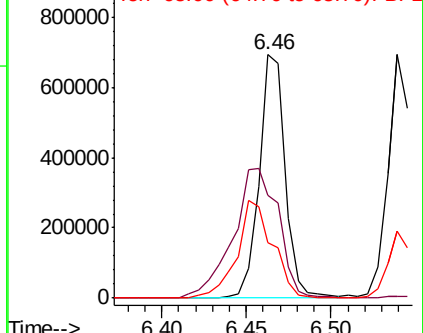
65 22.6 18.6 27.8

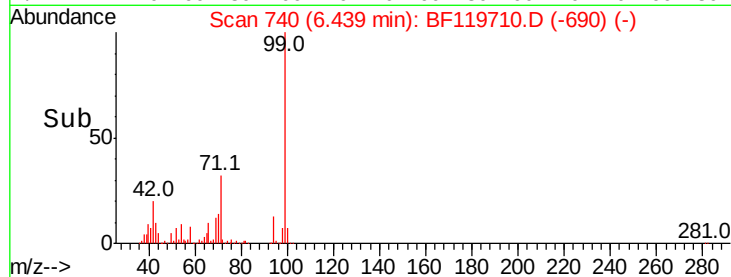
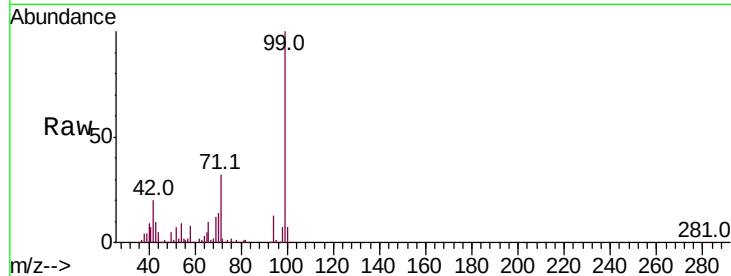
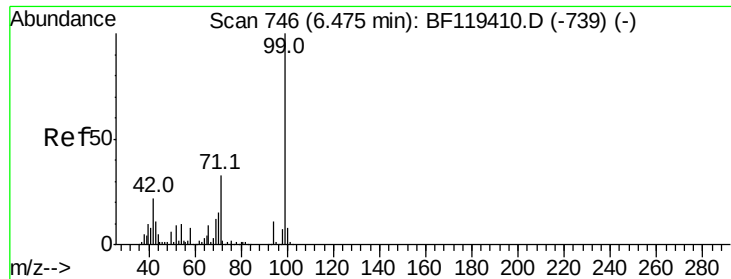


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.613 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Tot Ion: 99 Resp: 2097705

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.3 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

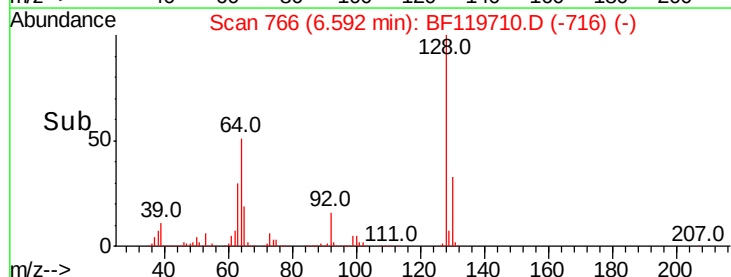
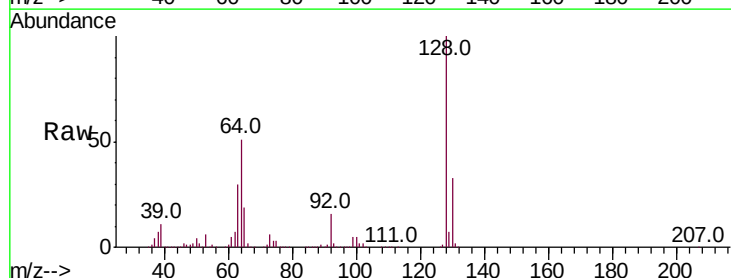
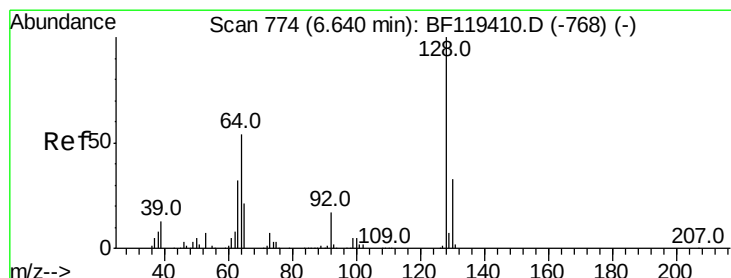
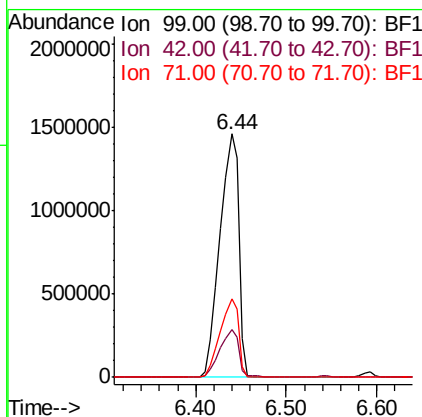
PB127799BS

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#8

2-Chlorophenol

Concen: 45.872 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

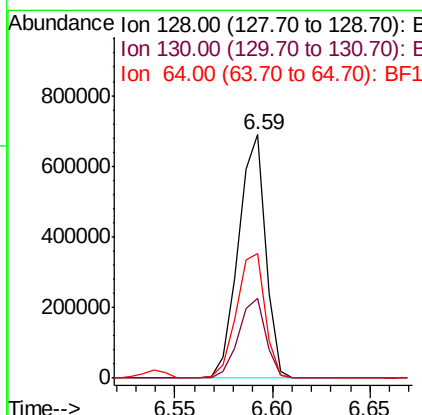
Tgt Ion:128 Resp: 667011

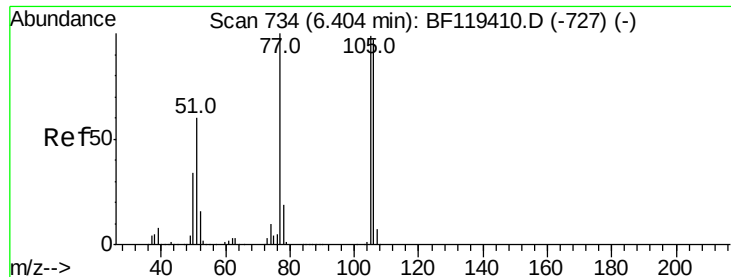
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 51.2 35.3 75.3





#9

Benzaldehyde

Concen: 30.632 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

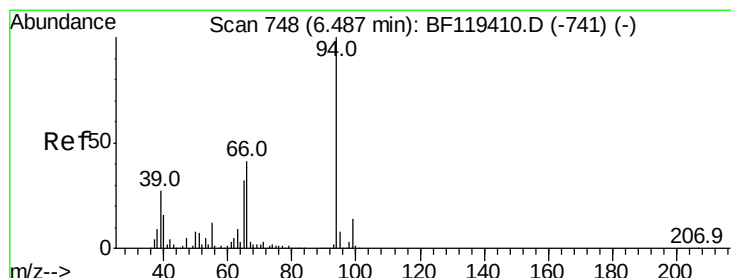
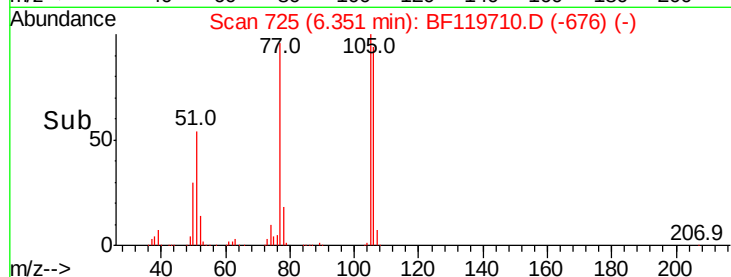
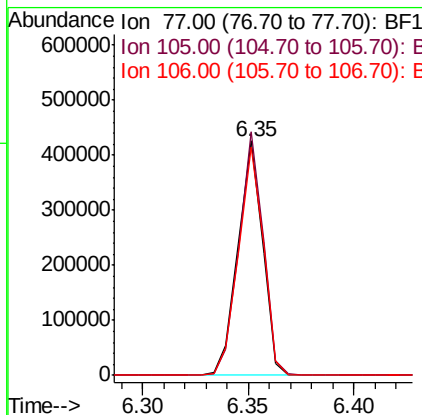
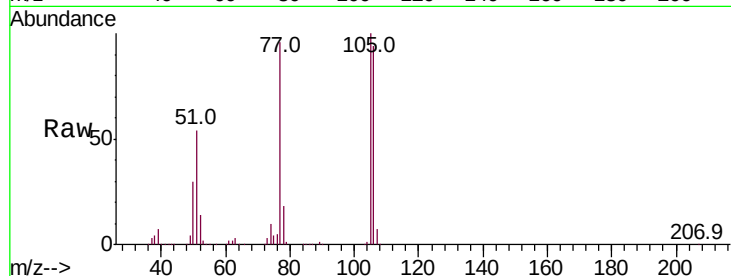
ClientSampleId :

PB127799BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.9	80.9	120.9		
106	97.3	77.9	117.9		

Manual Integrations
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#10

Phenol

Concen: 44.594 ng

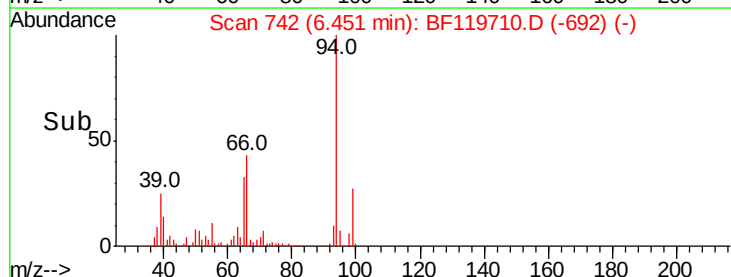
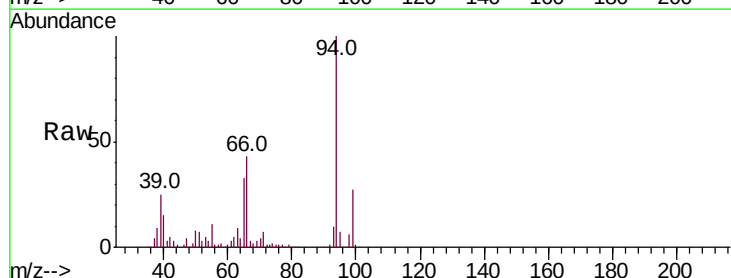
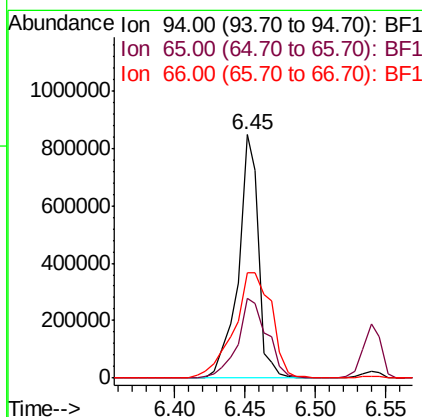
RT: 6.45 min Scan# 742

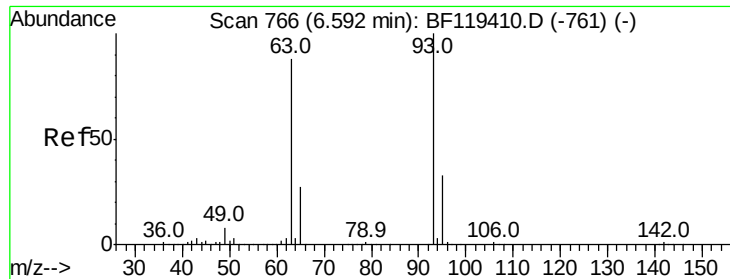
Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.7	13.2	53.2		
66	43.3	22.3	62.3		





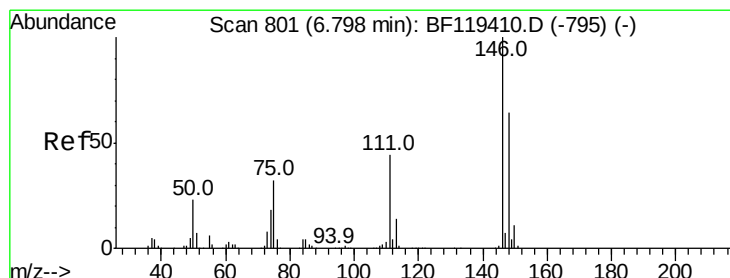
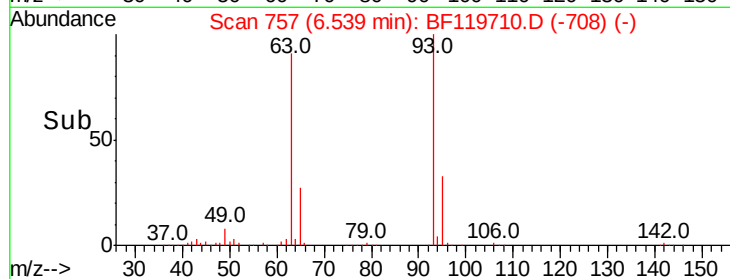
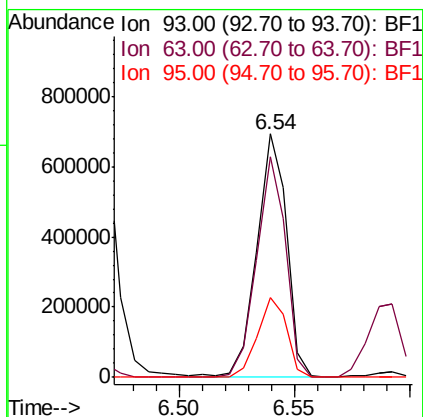
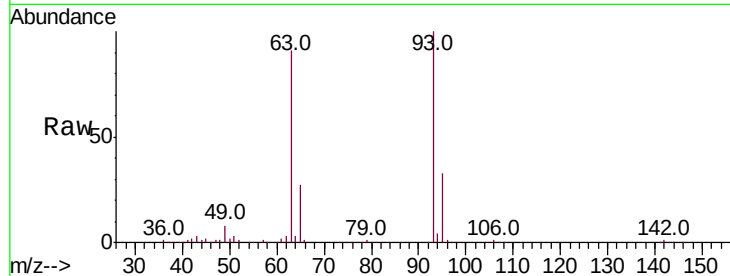
#11
bis(2-Chloroethyl)ether
Concen: 41.369 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.8	70.2	110.2
95	32.7	13.4	53.4

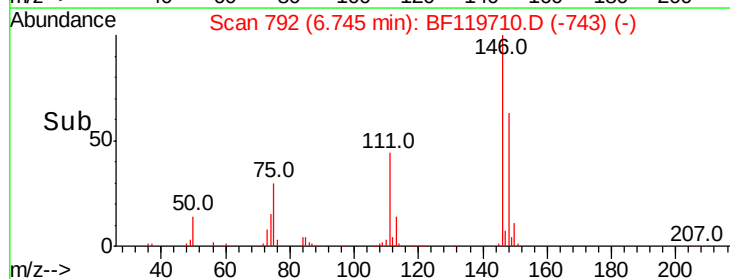
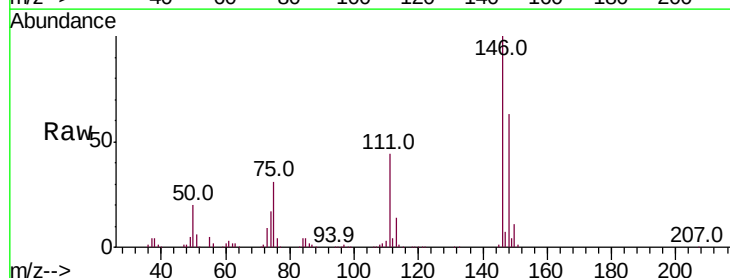
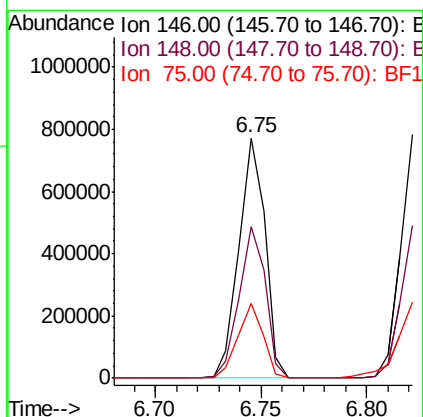
Manual Integrations
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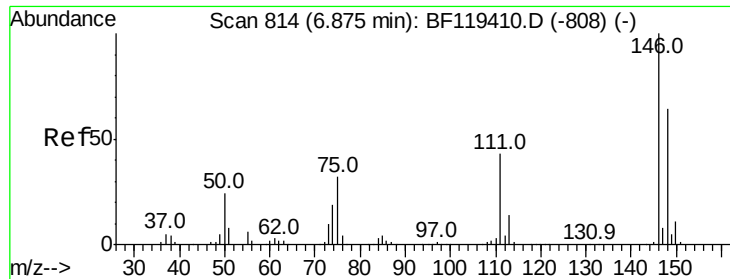
mohammad
4/6/2020 1:38:37 PM



#12
1,3-Dichlorobenzene
Concen: 42.194 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.4
75	31.0	23.0	34.4





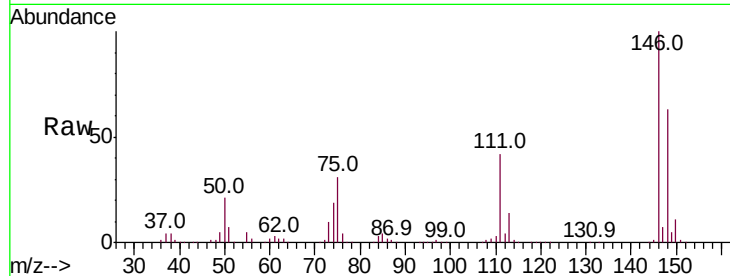
#13
 1,4-Dichlorobenzene
 Concen: 42.624 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampled :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.5	77.3
111	42.2	33.3	49.9

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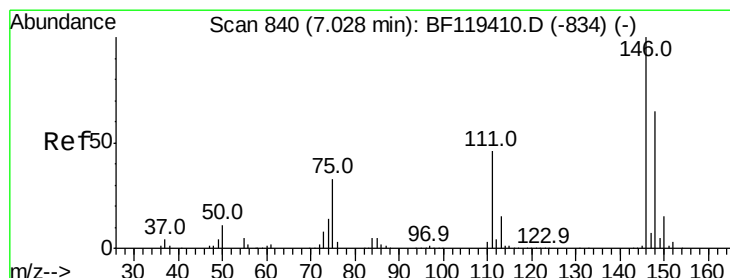
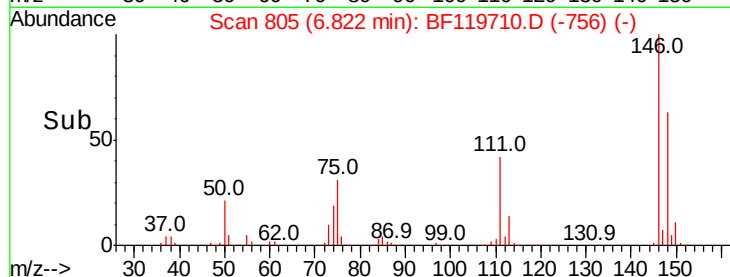
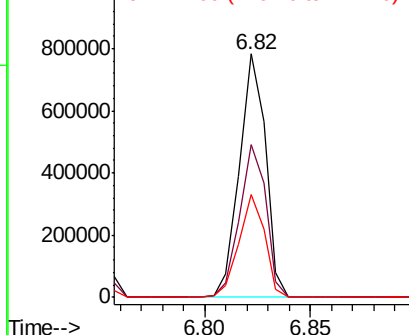


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.851 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

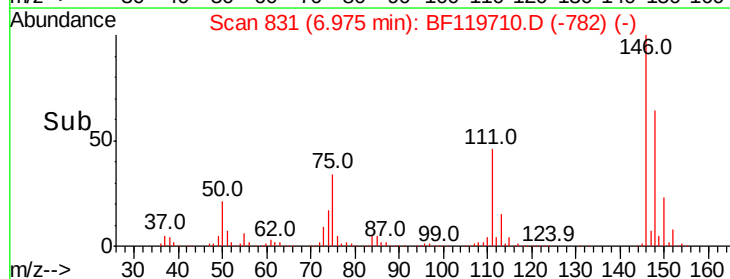
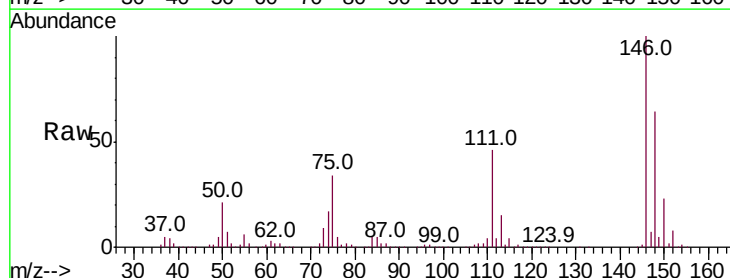
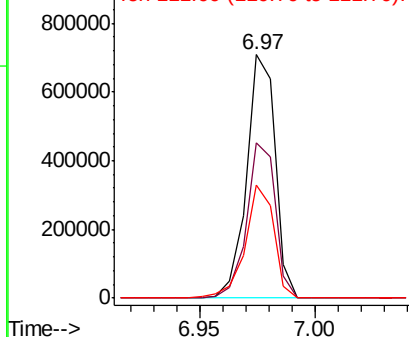
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	46.3	36.1	54.1

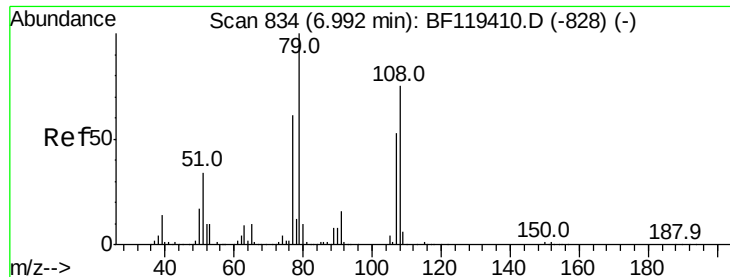
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





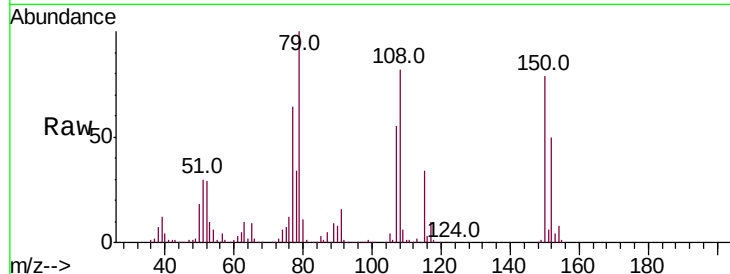
#15
Benzyl Alcohol
Concen: 40.833 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

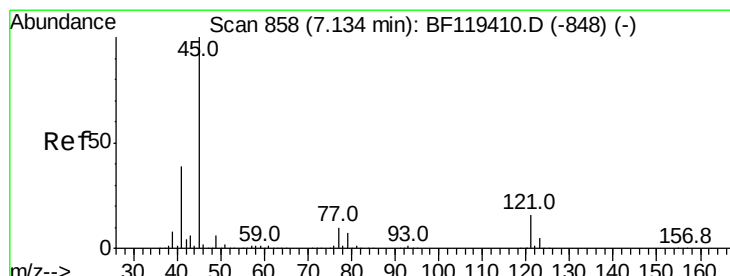
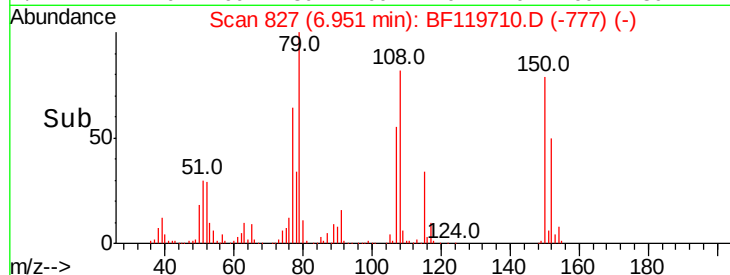
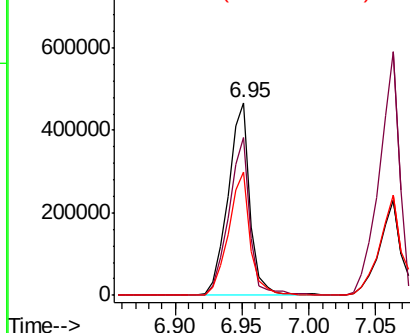
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	60.6	90.8
77	64.0	50.2	75.2

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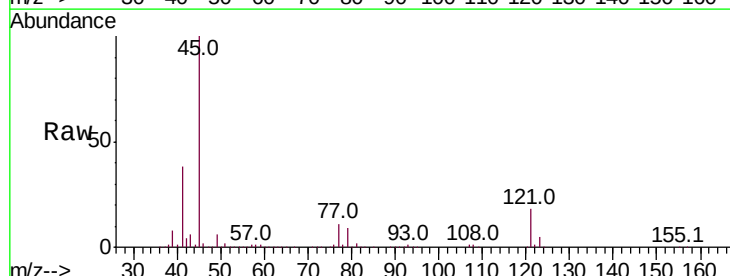


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

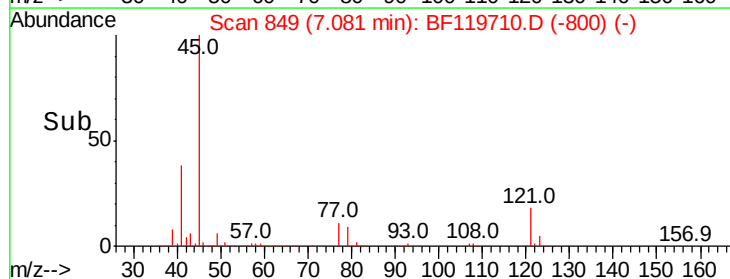
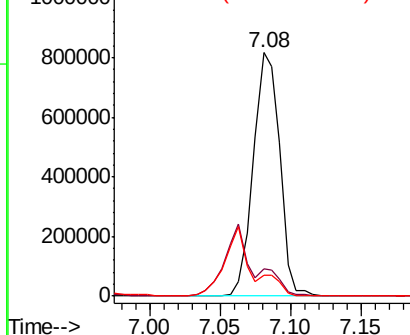


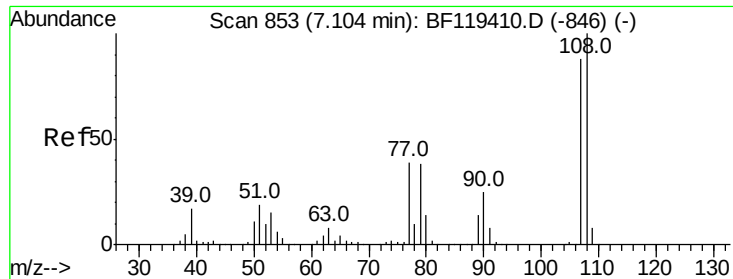
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.406 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	8.7	0.0	28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





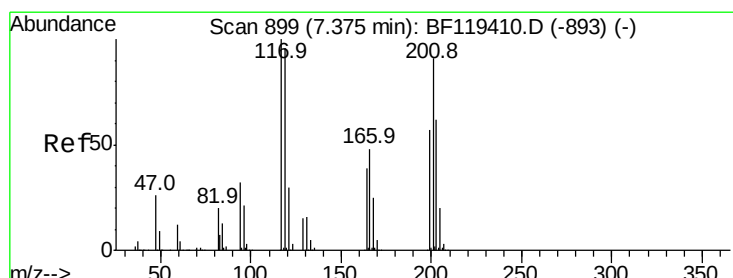
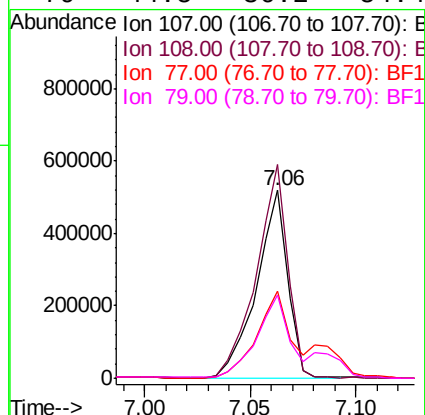
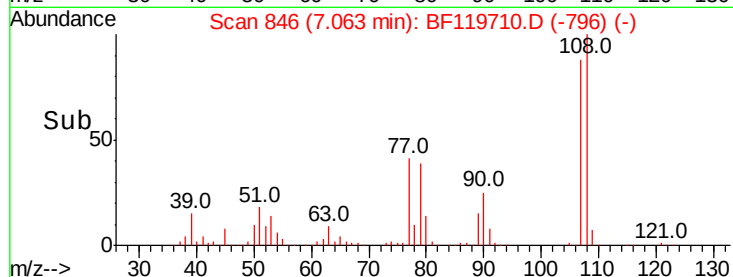
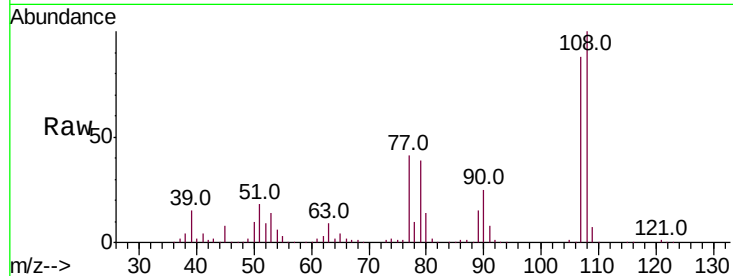
#17
2-Methylphenol
Concen: 40.007 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:	107	Resp:	533001
Ion Ratio	Lower	Upper	
107	100		
108	113.6	92.2	138.4
77	46.5	36.6	54.8
79	44.5	36.2	54.4

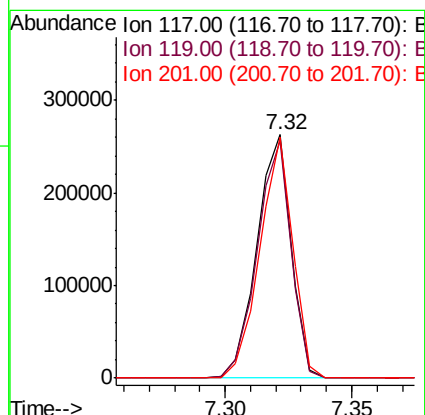
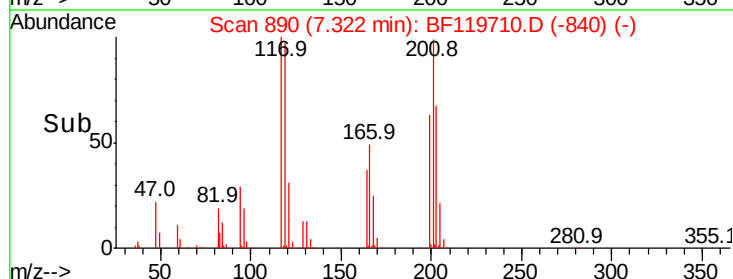
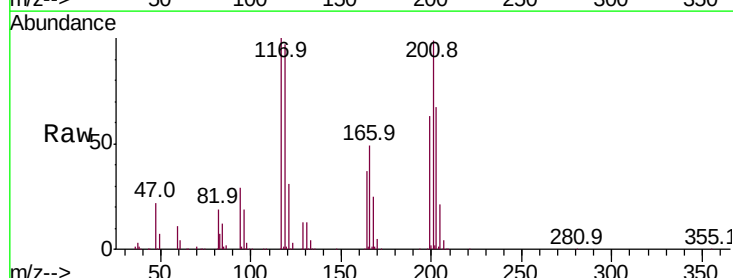
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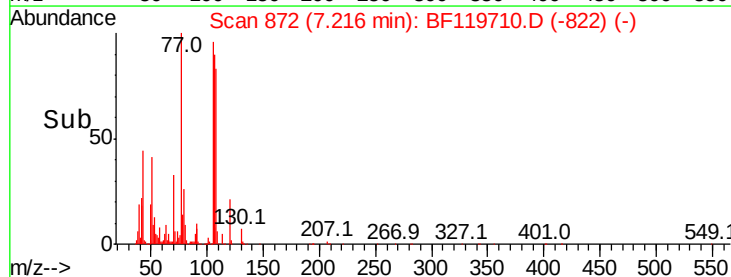
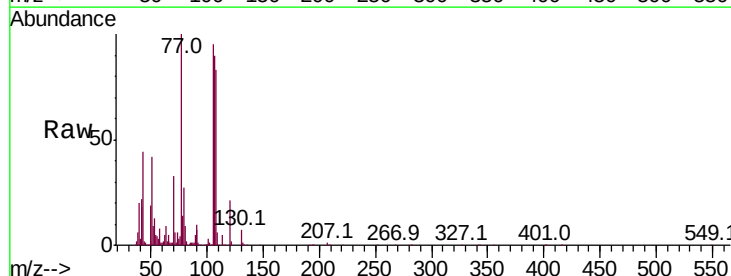
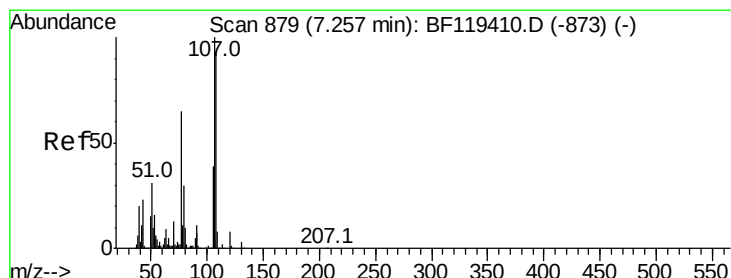
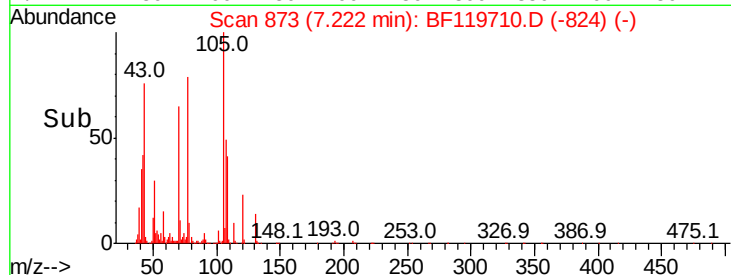
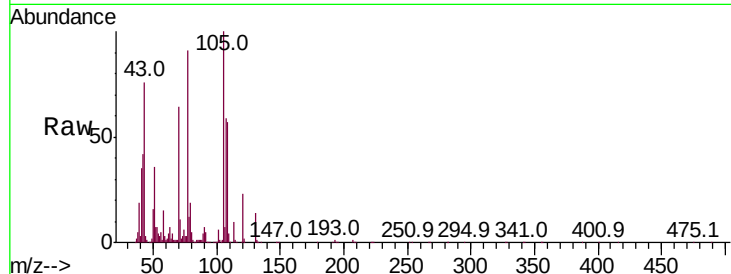
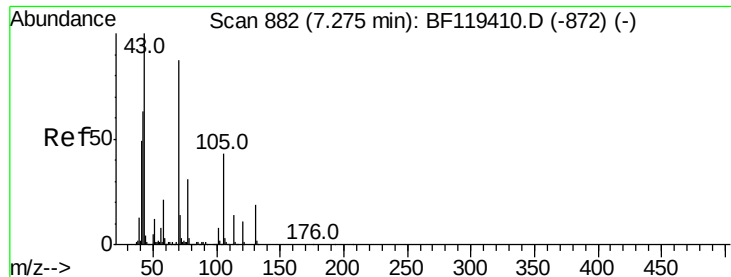
mohammad
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#18
Hexachloroethane
Concen: 43.068 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

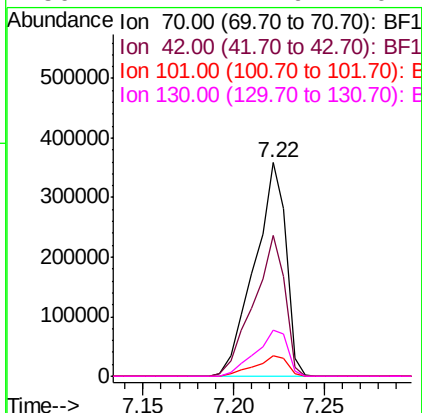
Tgt Ion:	117	Resp:	248444
Ion Ratio	Lower	Upper	
117	100		
119	97.3	76.1	114.1
201	99.1	73.0	109.6





#19
n-Nitroso-di-n-propylamine
Concen: 40.561 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.8	54.5	81.7
101	9.7	7.6	11.4
130	21.4	17.6	26.4



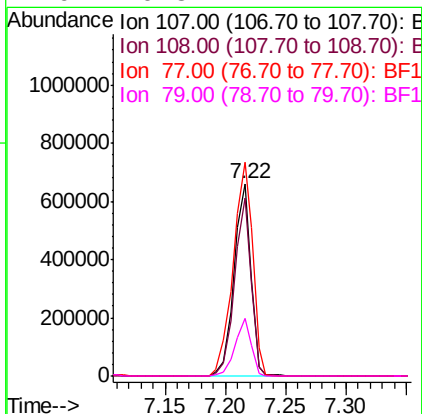
Instrument :
BNA_F
ClientSampleId :
PB127799BS

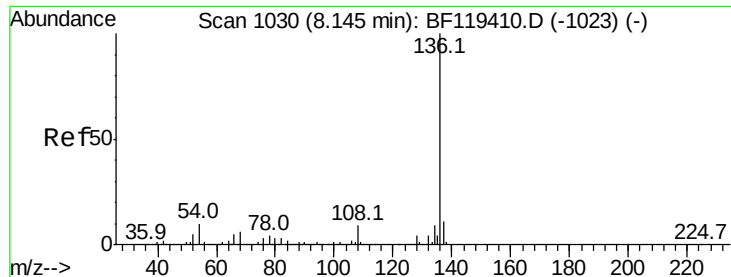
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#20
3+4-Methylphenols
Concen: 39.760 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	67.9	107.9
77	111.1	52.9	92.9#
79	29.8	7.7	47.7





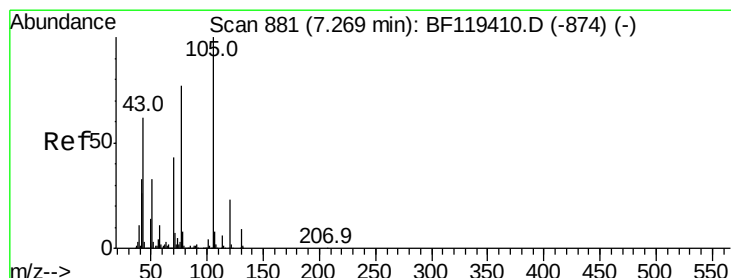
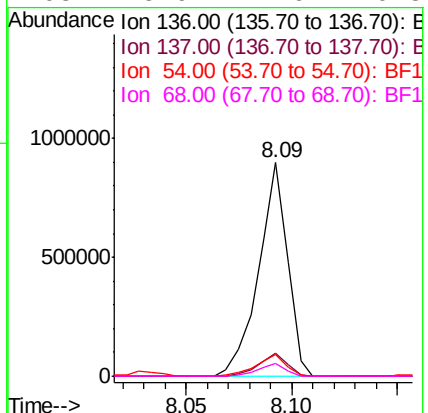
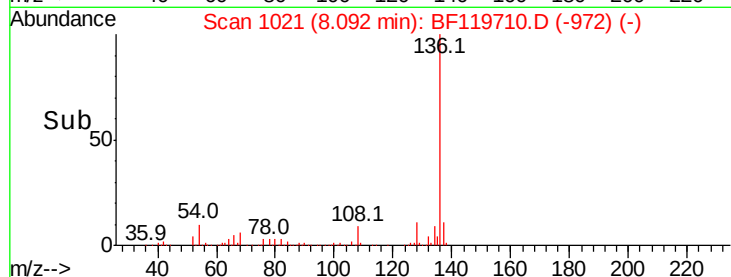
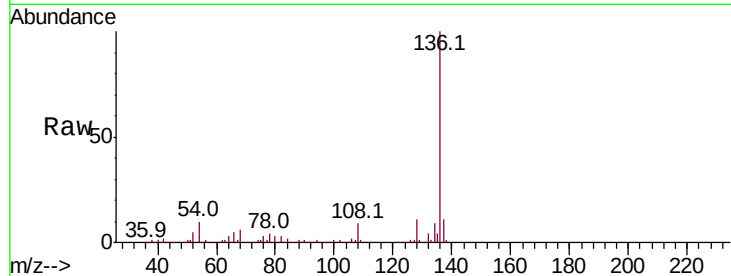
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	857396		
137	11.0		8.7	13.1
54	10.0		9.1	13.7
68	5.9		4.6	6.8

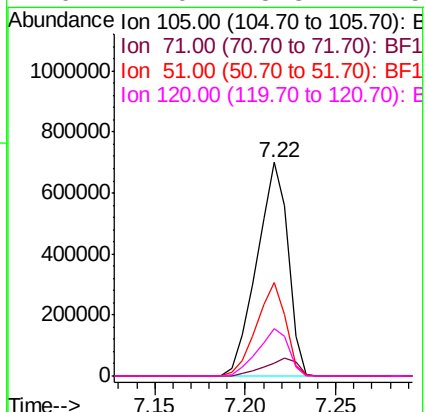
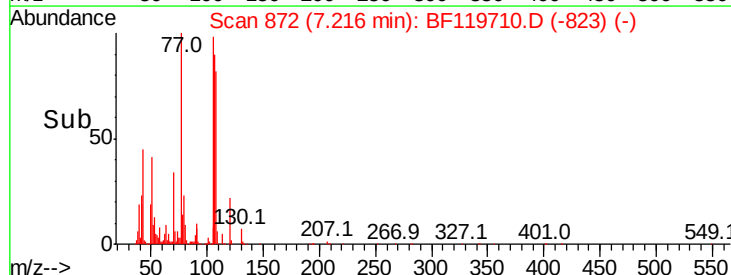
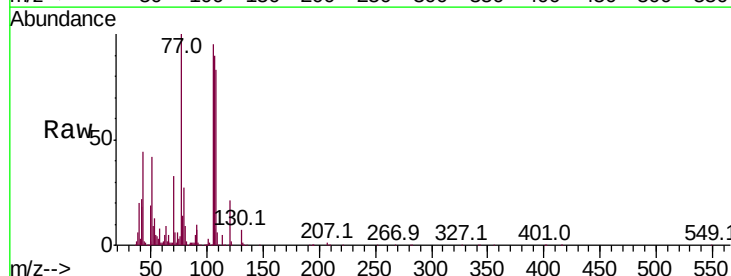
Manual Integrations
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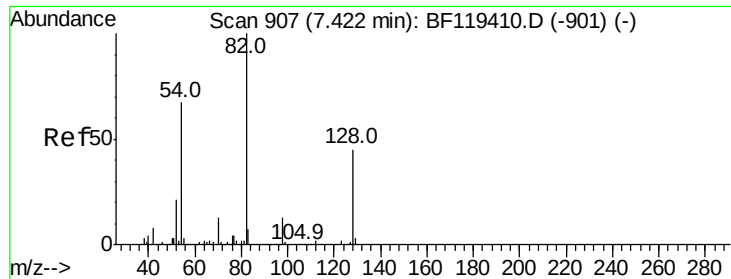
mohammad
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#22
Acetophenone
Concen: 40.866 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	837223		
71	6.1		5.7	8.5
51	43.5		26.2	39.4
120	22.0		18.3	27.5





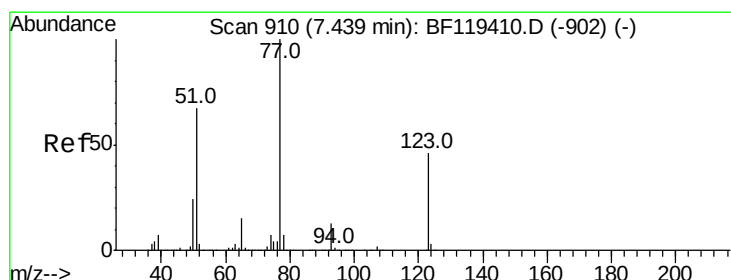
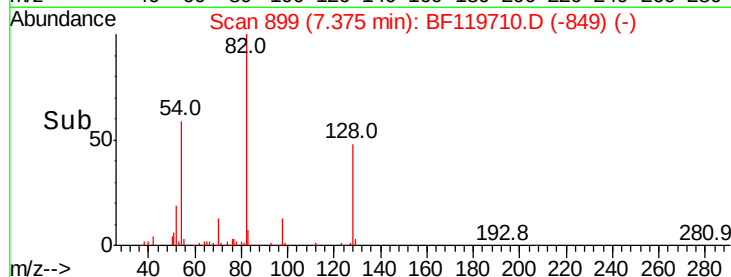
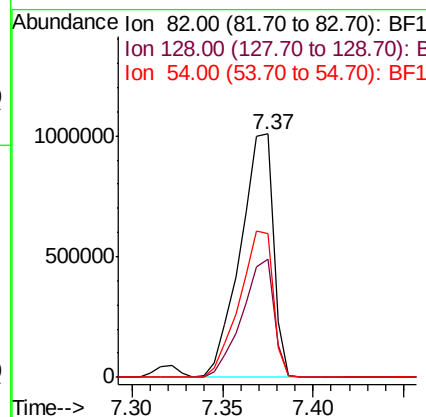
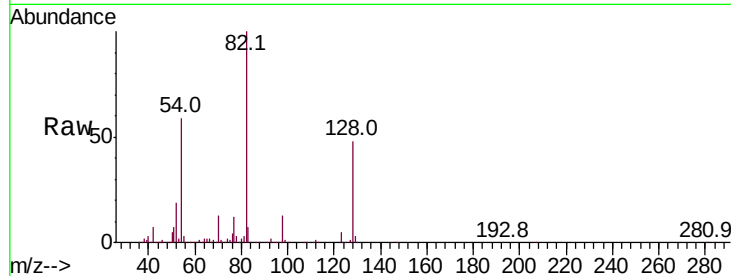
#23
 Nitrobenzene-d5
 Concen: 81.368 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion: 82 Resp: 1283660
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.3 54.5
 54 59.3 50.6 75.8

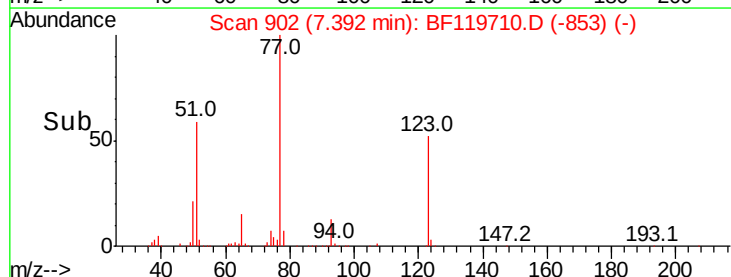
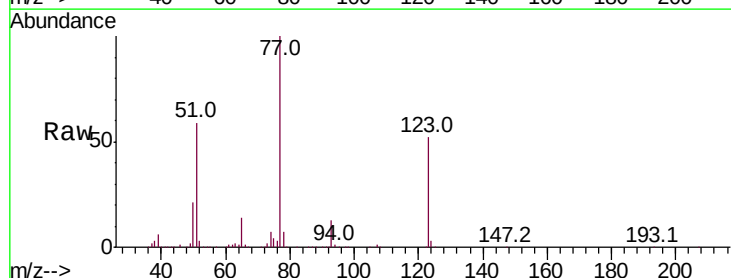
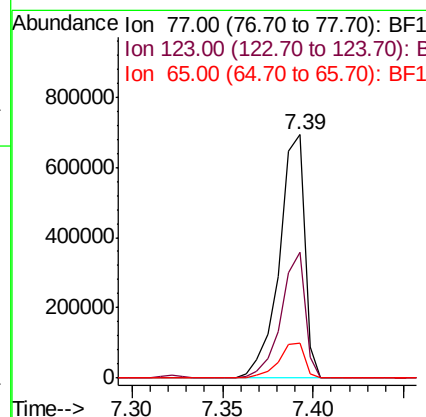
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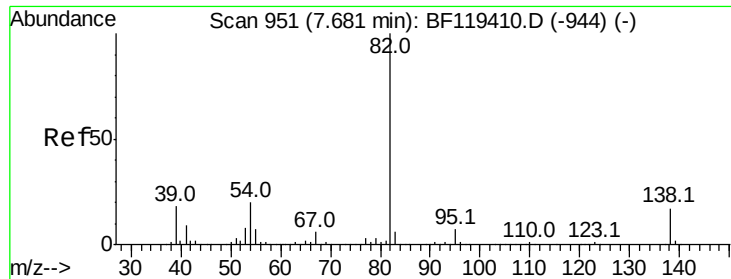
mohammad
 4/6/2020 1:38:37 PM



#24
 Nitrobenzene
 Concen: 40.029 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion: 77 Resp: 674881
 Ion Ratio Lower Upper
 77 100
 123 51.7 38.0 57.0
 65 14.5 12.6 18.8





#25

Isophorone

Concen: 38.535 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion: 82 Resp: 1233219

Ion Ratio Lower Upper

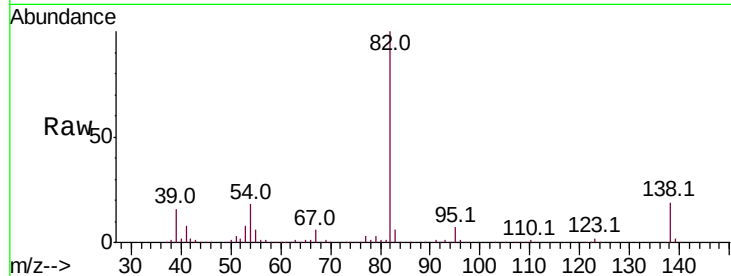
82 100

95 6.6 5.8 8.6

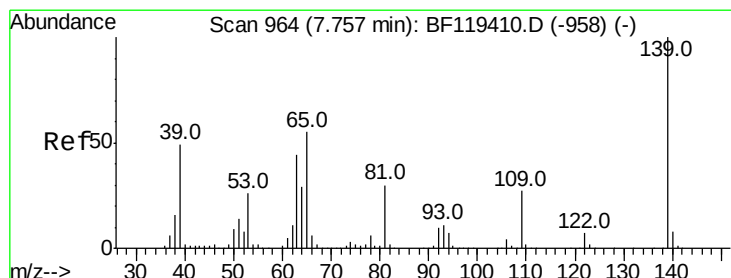
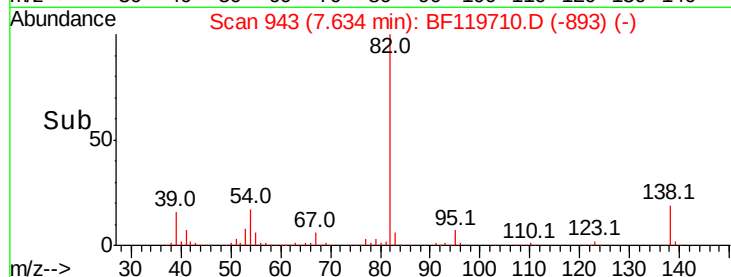
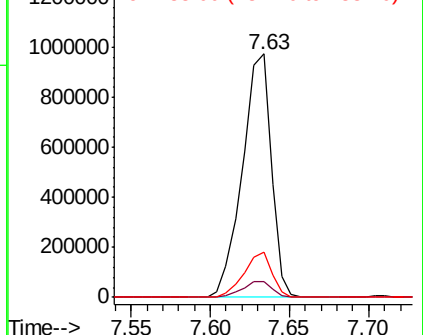
138 18.7 14.6 21.8

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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): E



#26

2-Nitrophenol

Concen: 53.531 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

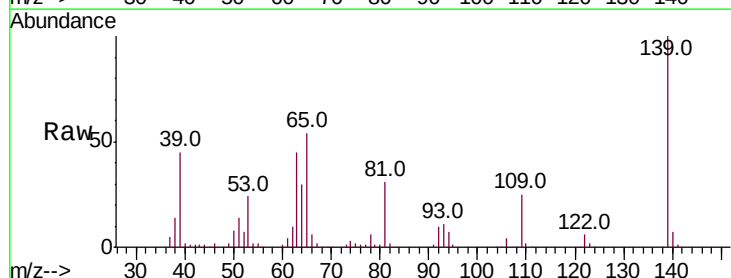
Tgt Ion:139 Resp: 355358

Ion Ratio Lower Upper

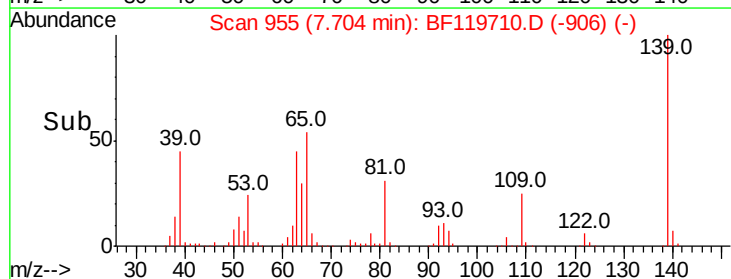
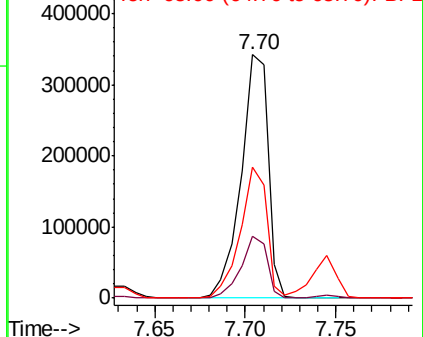
139 100

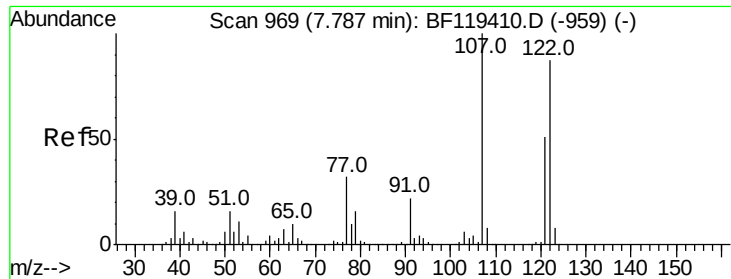
109 25.3 22.1 33.1

65 54.0 49.2 73.8



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





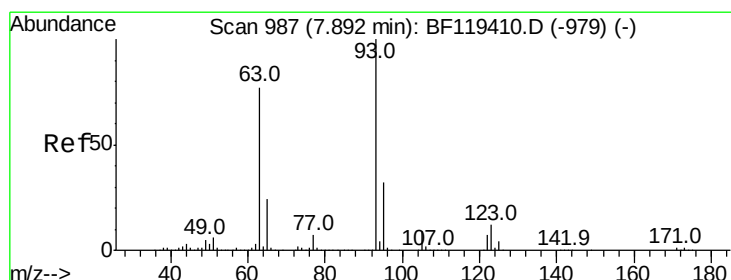
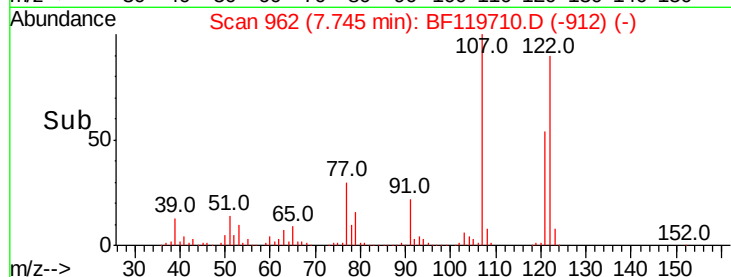
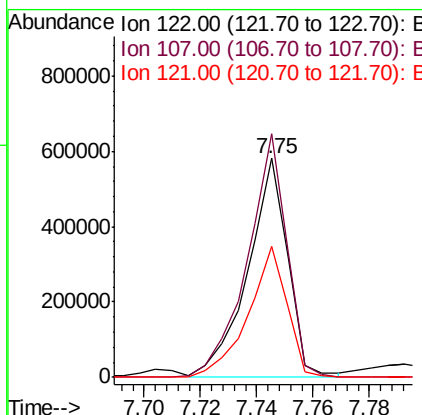
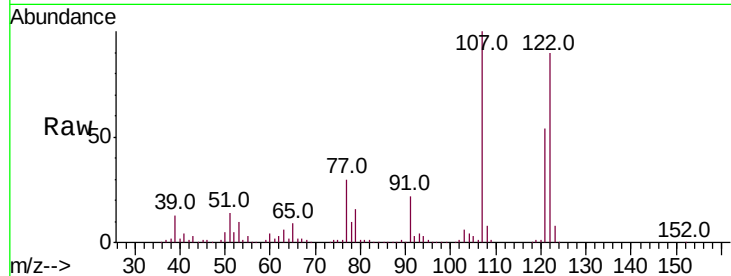
#27
2,4-Dimethylphenol
Concen: 41.614 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	89.0	133.6
121	59.6	46.7	70.1

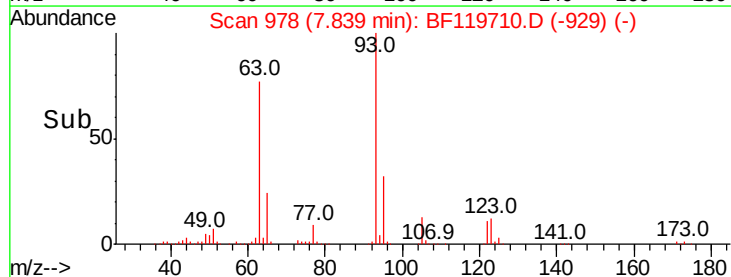
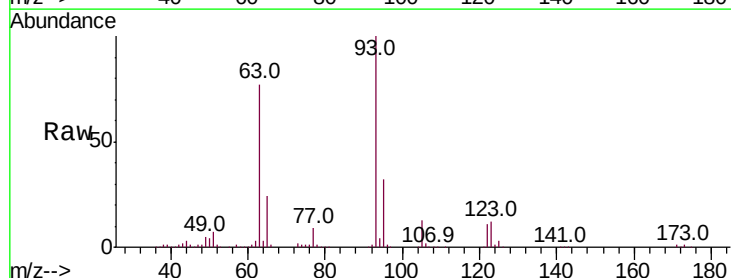
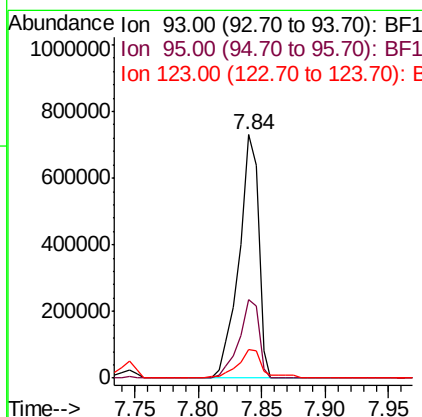
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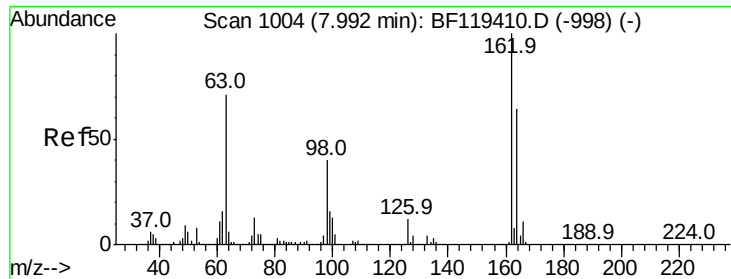
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.185 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.6	9.7	14.5





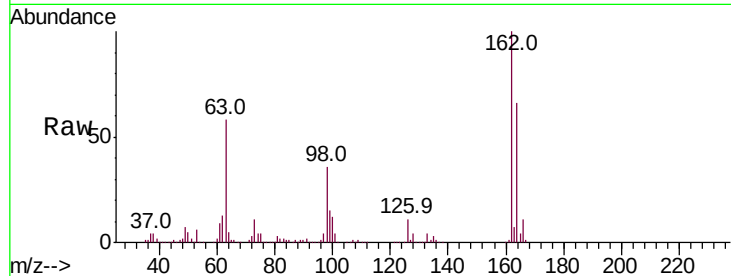
#29
 2,4-Dichlorophenol
 Concen: 42.636 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	537734		
164	65.9	44.7	84.7	
98	36.3	20.7	60.7	

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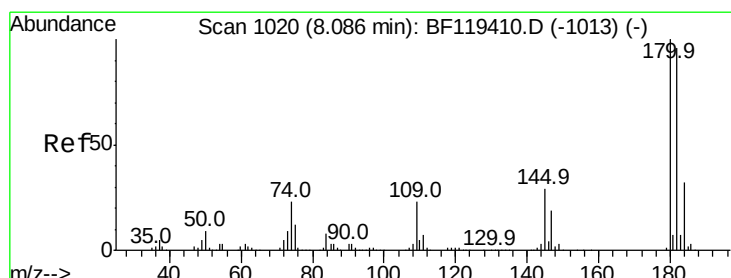
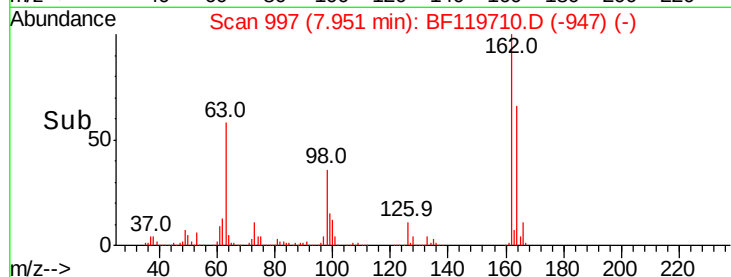
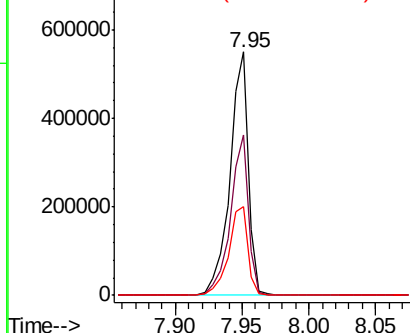


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.186 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

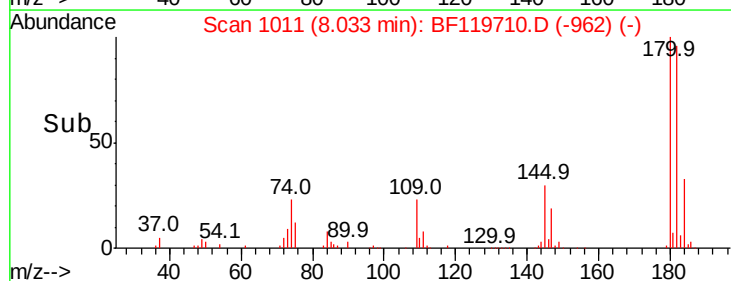
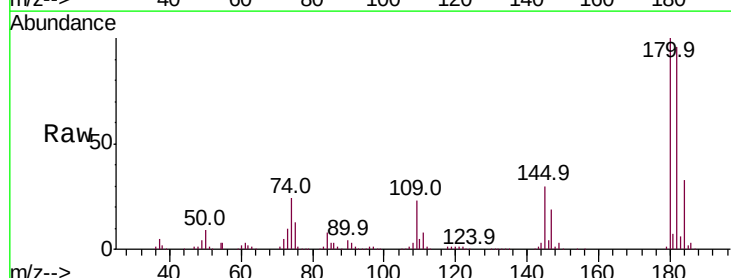
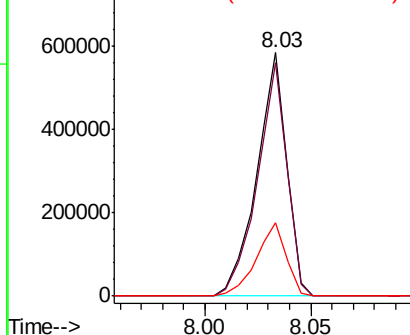
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	574465		
182	96.0	74.7	112.1	
145	30.1	24.5	36.7	

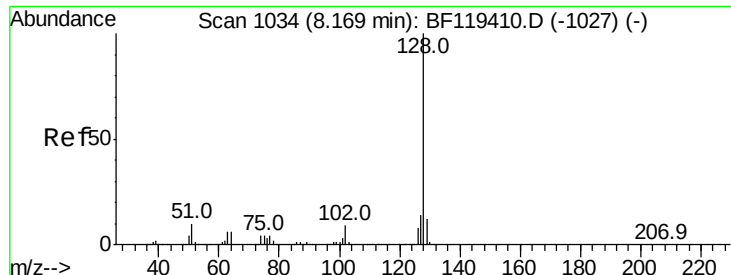
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





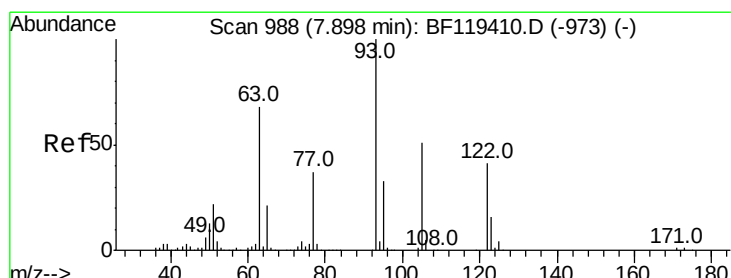
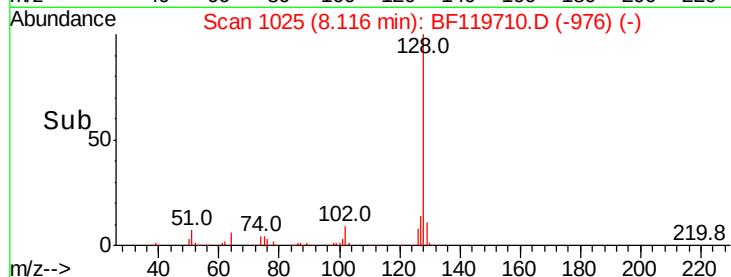
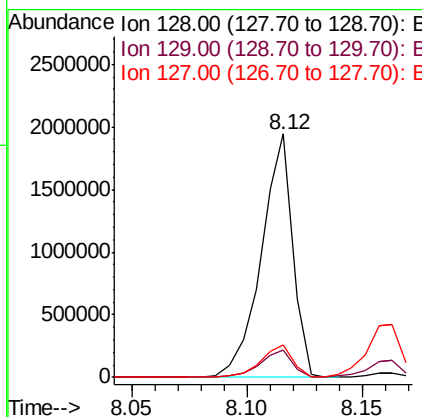
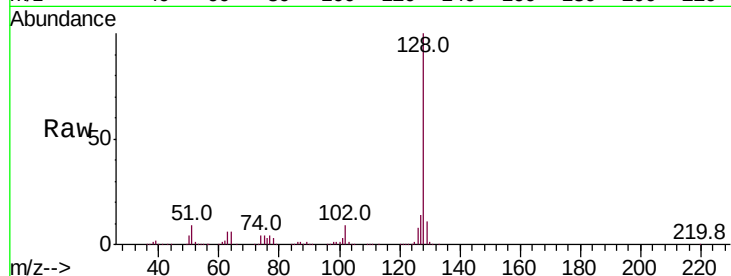
#31
Naphthalene
Concen: 41.797 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:128 Resp: 1844214
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 11.3 16.9

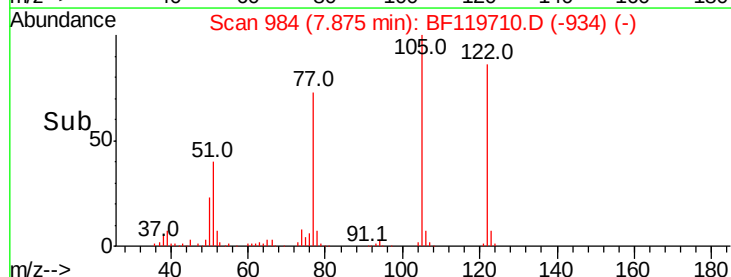
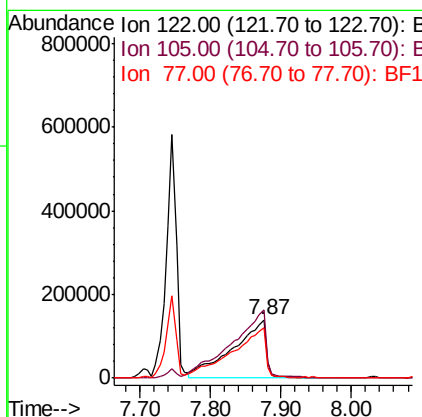
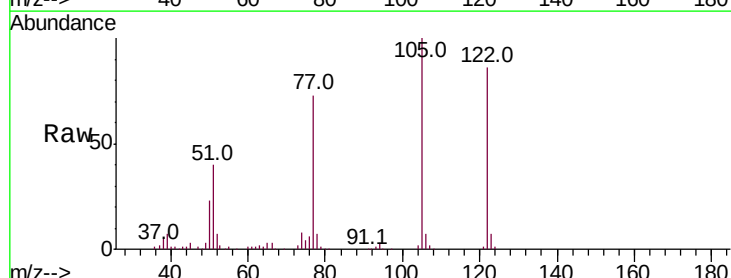
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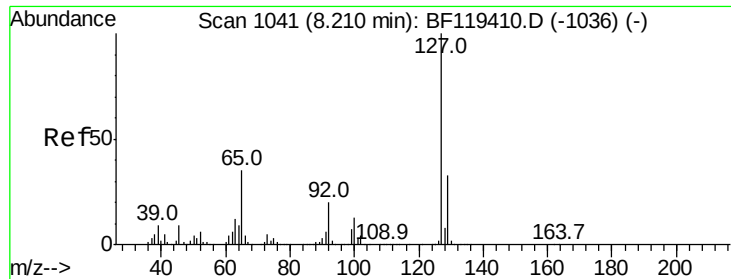
mohammad
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#32
Benzoic acid
Concen: 51.605 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion:122 Resp: 455649
Ion Ratio Lower Upper
122 100
105 116.8 104.9 144.9
77 85.2 74.4 114.4





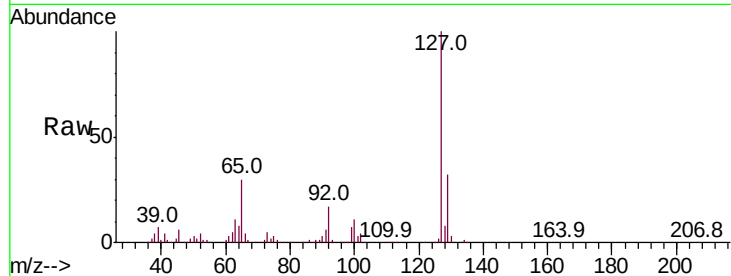
#33
4-Chloroaniline
Concen: 23.121 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	30.2	27.4	41.0		
92	17.4	15.3	22.9		

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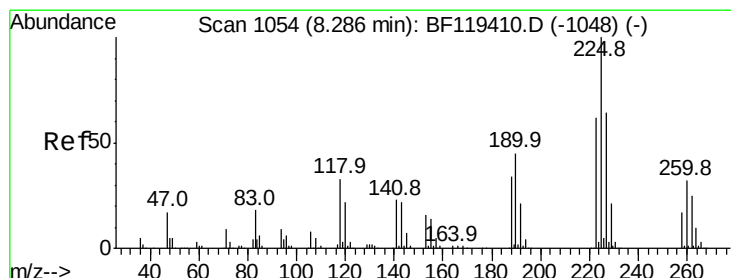
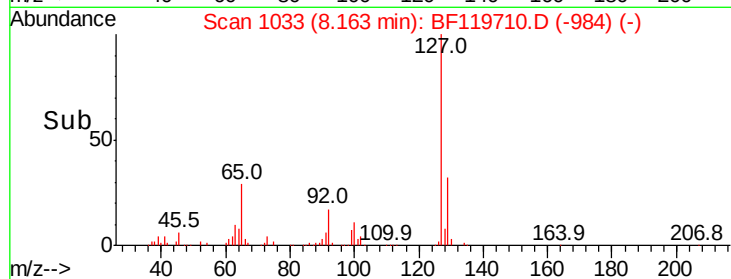
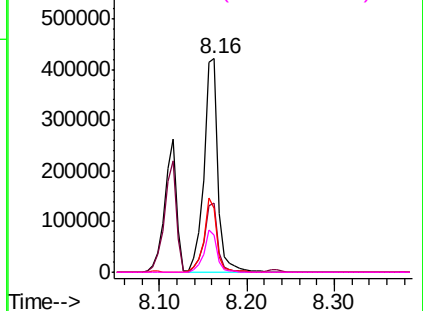
Abundance

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: 40.862 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

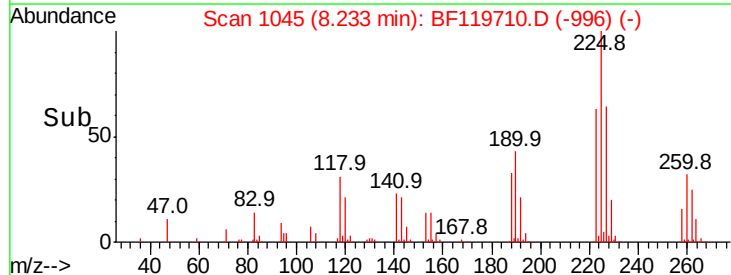
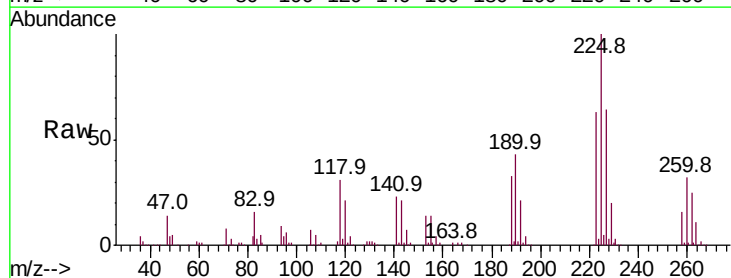
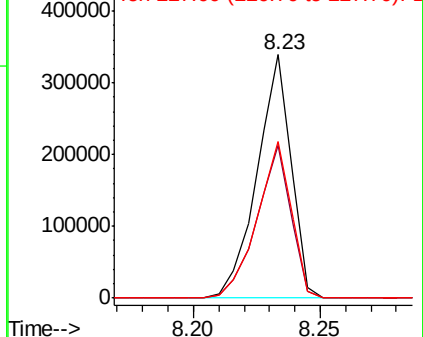
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.6		
227	64.3	50.7	76.1		

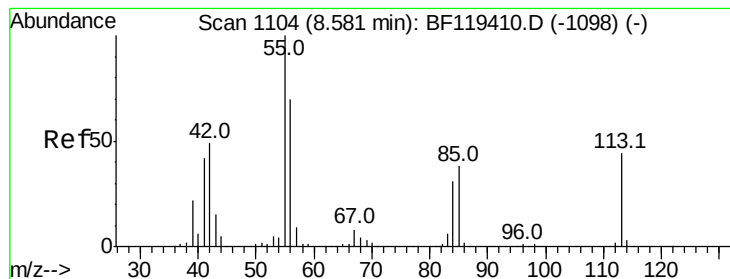
Abundance

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: 43.238 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

ClientSampleID :

PB127799BS

Tot Ion:113 Resp: 178475

Ion Ratio Lower Upper

113 100

55 221.4 218.4 258.4

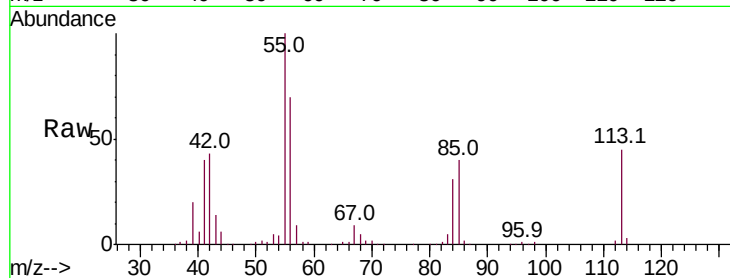
56 154.8 148.9 188.9

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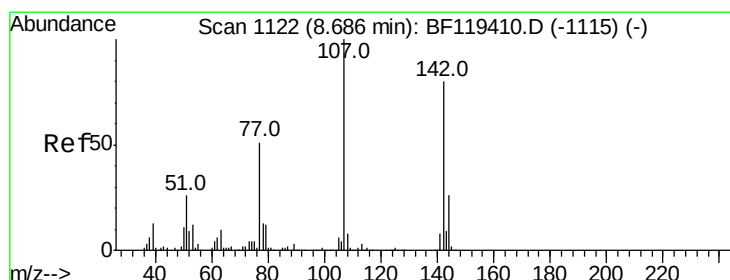
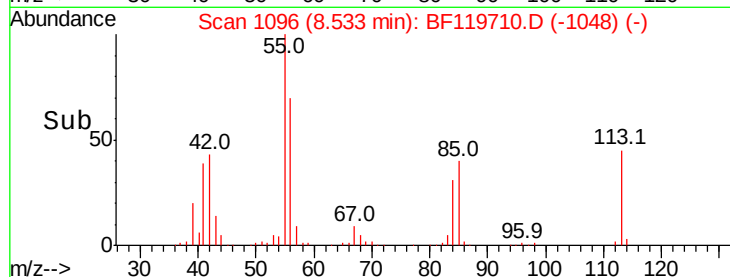
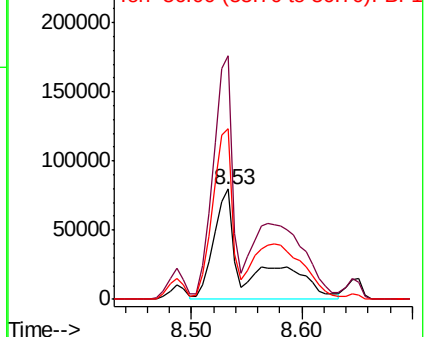
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.189 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

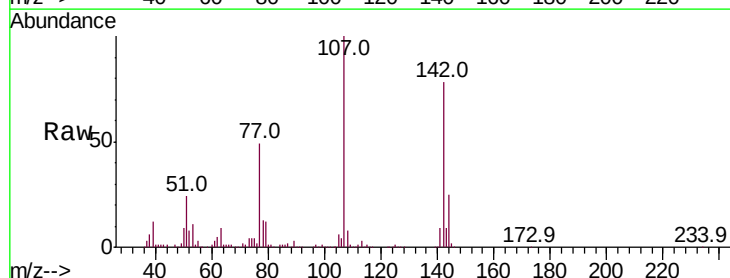
Tgt Ion:107 Resp: 595351

Ion Ratio Lower Upper

107 100

144 24.9 21.0 31.6

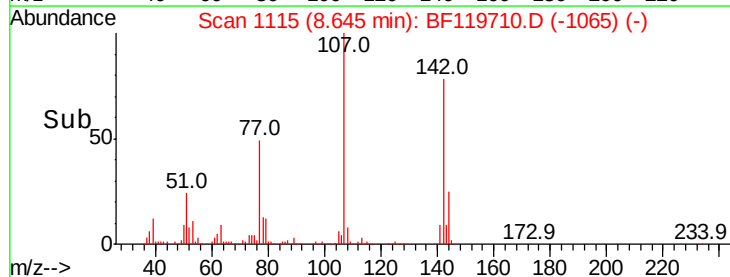
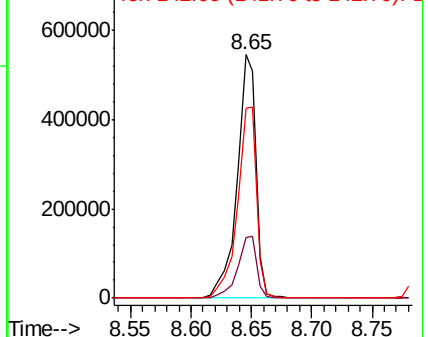
142 78.2 64.4 96.6

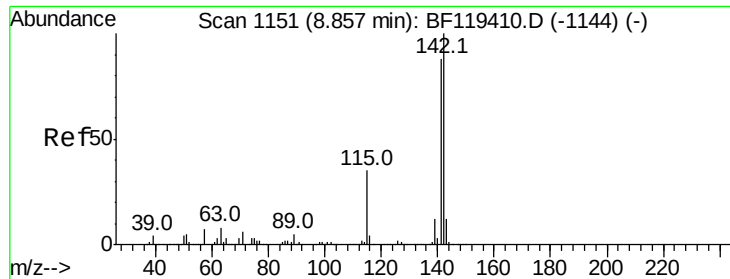


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





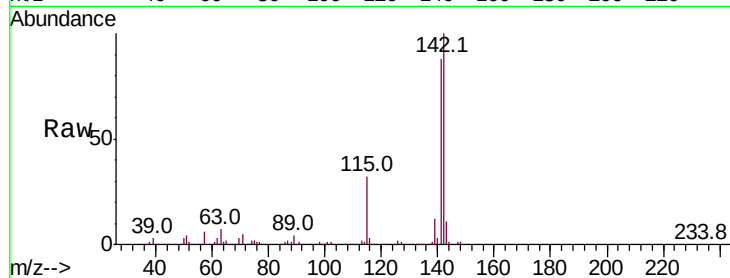
#37
2-Methylnaphthalene
Concen: 43.191 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	32.4	27.9	41.9

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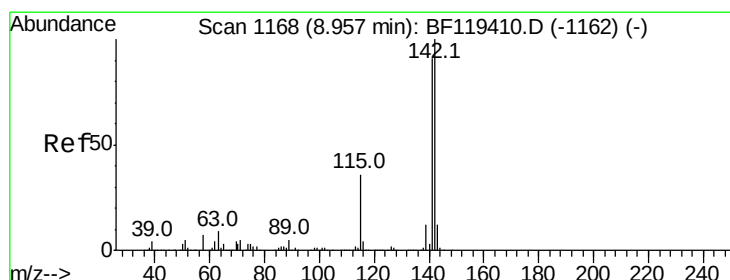
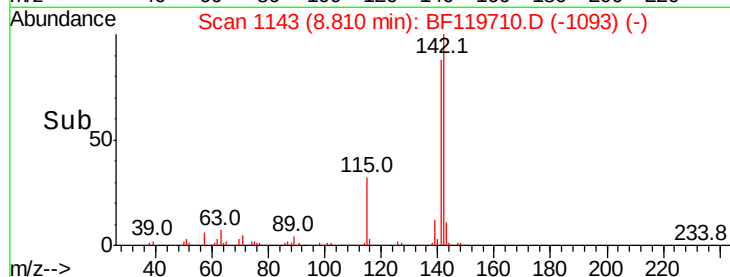
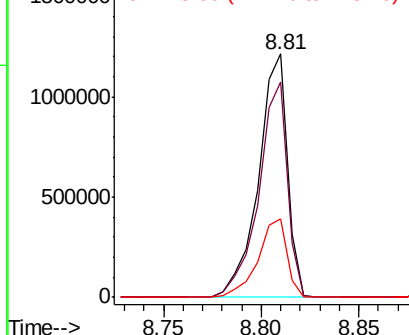


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.886 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

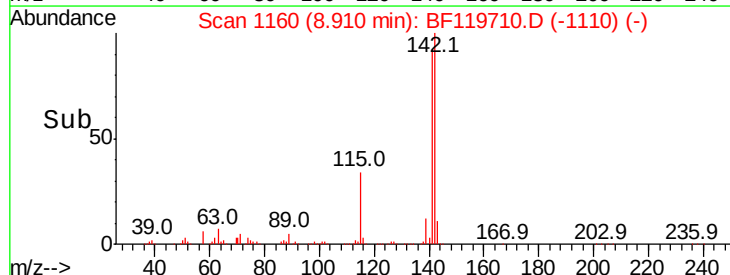
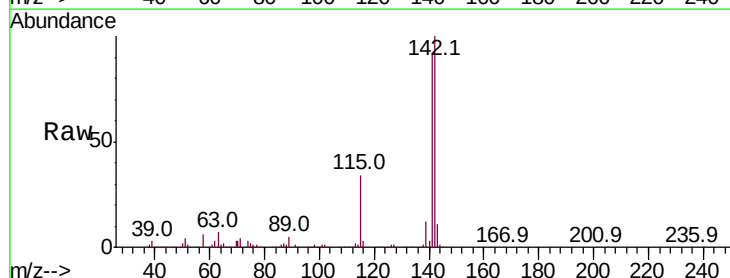
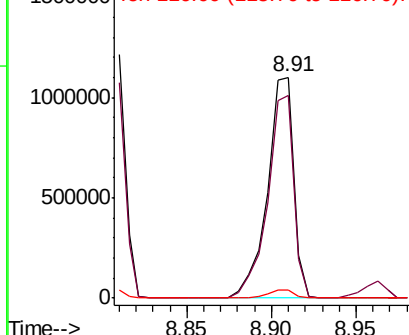
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.7	110.5
116	3.4	3.0	4.6

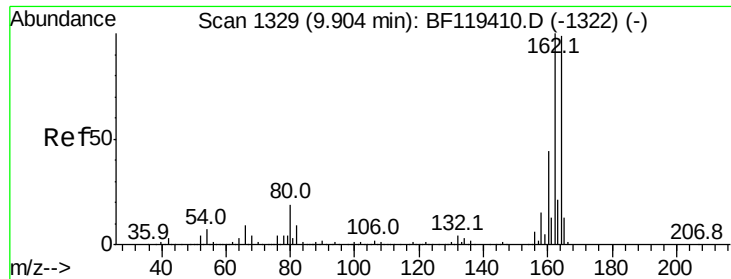
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





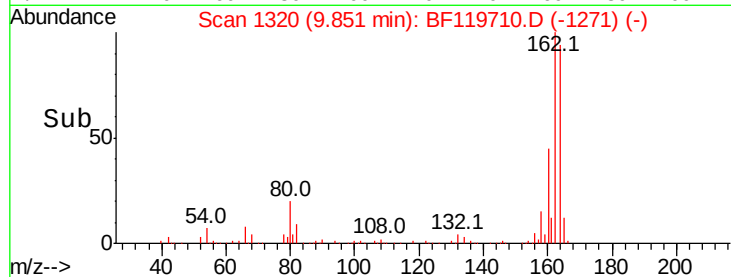
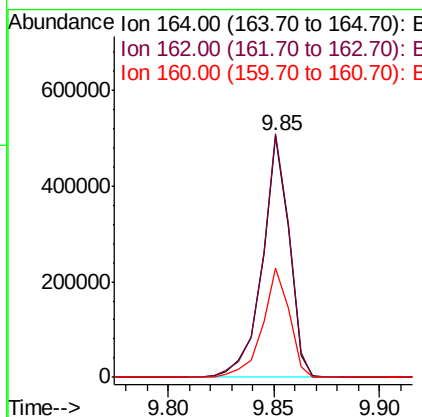
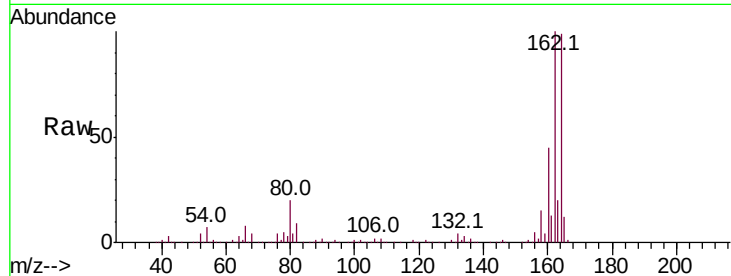
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.4	35.7	53.5

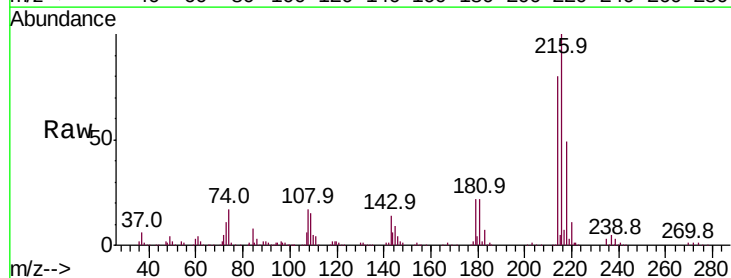
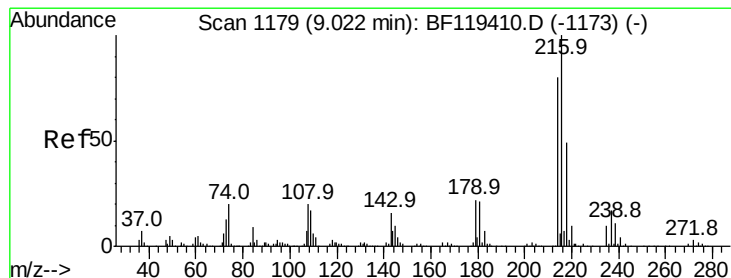
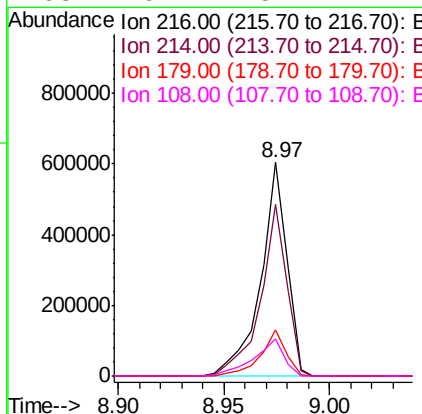
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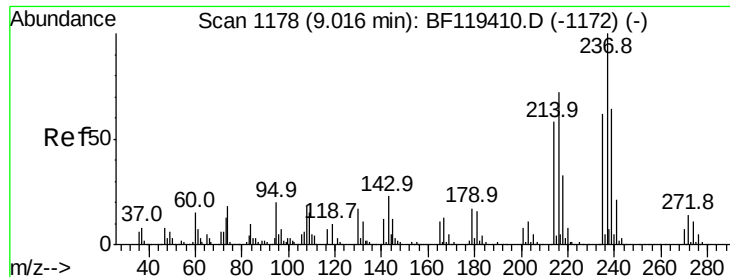
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.232 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.2	94.8
179	21.2	17.1	25.7
108	20.2	15.1	22.7





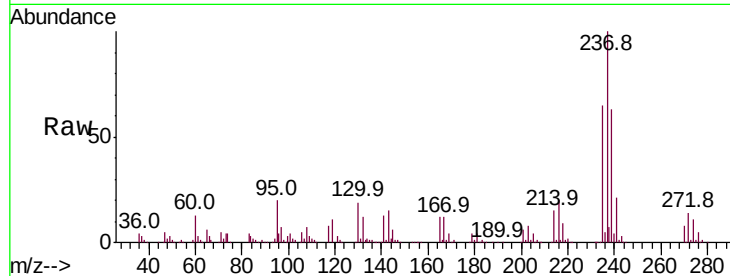
#41
Hexachlorocyclopentadiene
Concen: 86.427 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

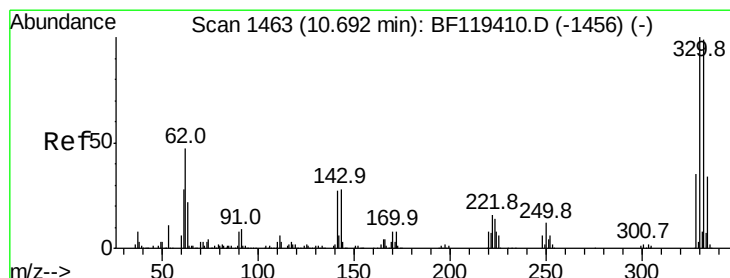
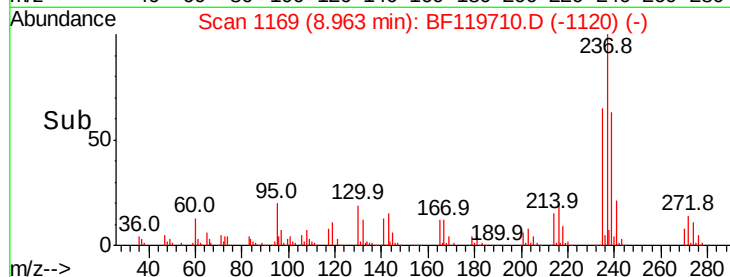
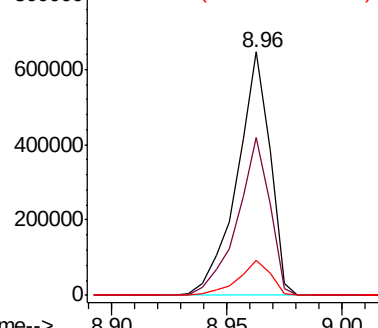
Tot Ion	Ratio	Resp	Lower	Upper
237	100	641181		
235	64.7	43.2	83.2	
272	14.5	0.0	34.1	

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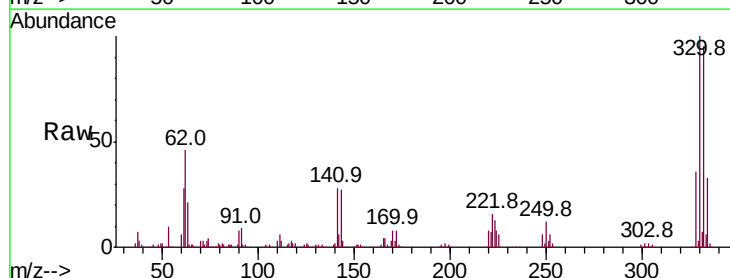


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

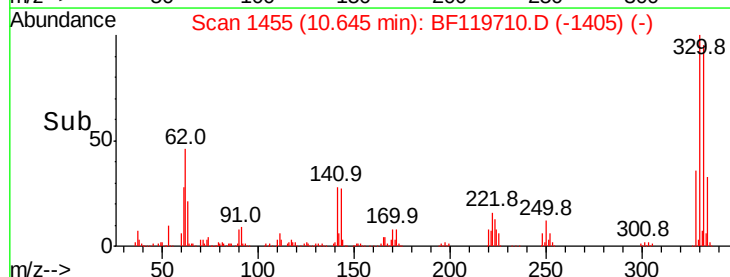
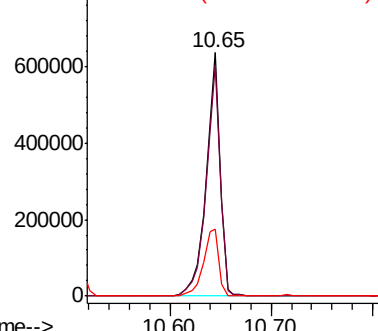


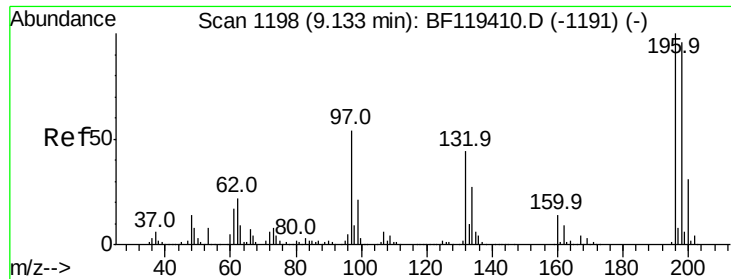
#42
2,4,6-Tribromophenol
Concen: 132.936 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	610579		
332	95.9	75.7	113.5	
141	30.6	25.4	38.0	



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





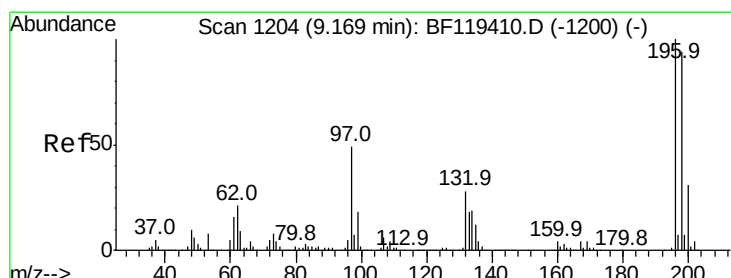
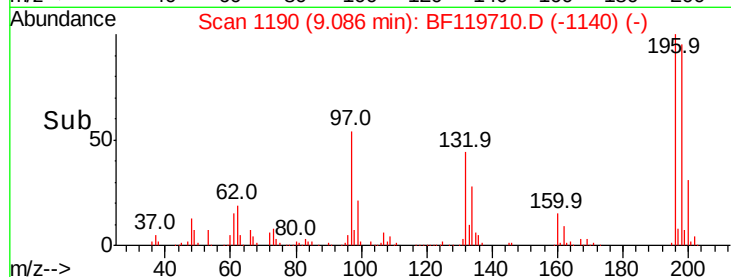
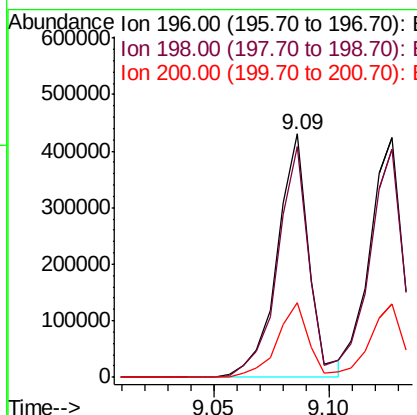
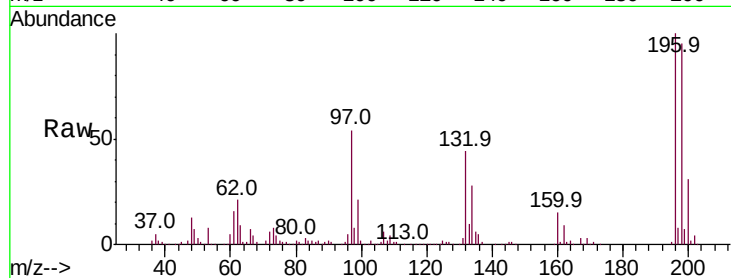
#43
 2,4,6-Trichlorophenol
 Concen: 43.754 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampled :
 PB127799BS

Tot Ion:196	Resp: 408592
Ion Ratio	Lower Upper
196 100	
198 94.7	76.6 115.0
200 30.7	24.6 36.8

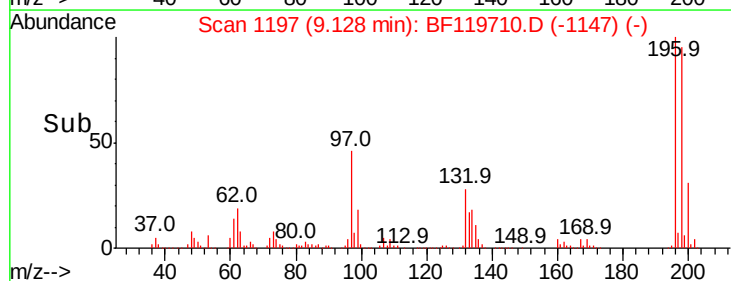
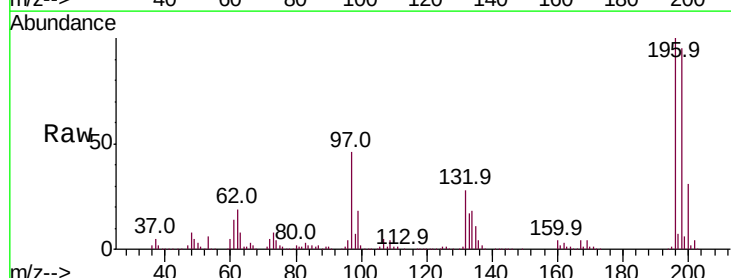
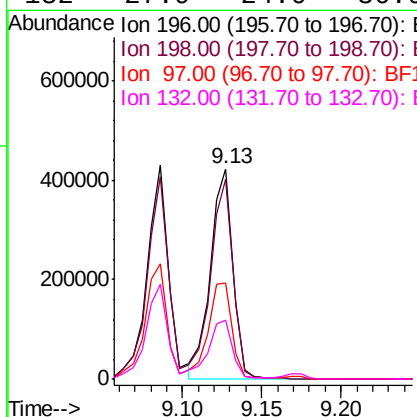
Manual Integrations
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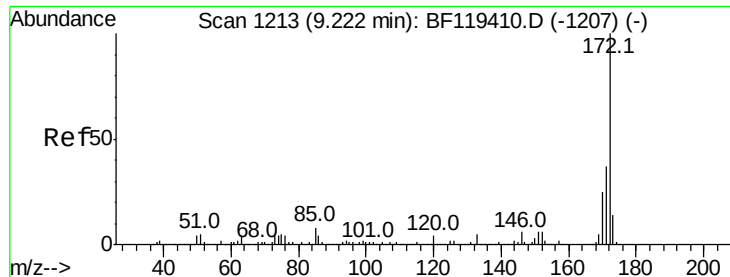
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.995 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion:196	Resp: 418397
Ion Ratio	Lower Upper
196 100	
198 95.2	73.8 110.8
97 45.6	42.6 63.8
132 27.9	24.0 36.0





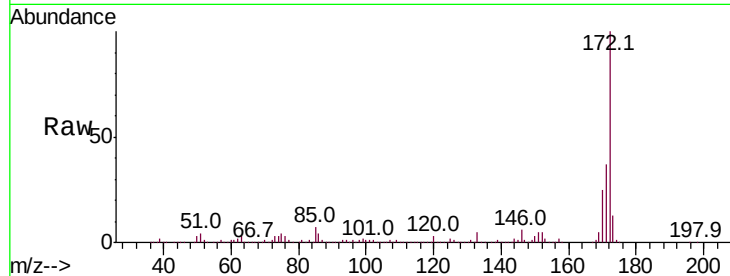
#45
2-Fluorobiphenyl
Concen: 79.837 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

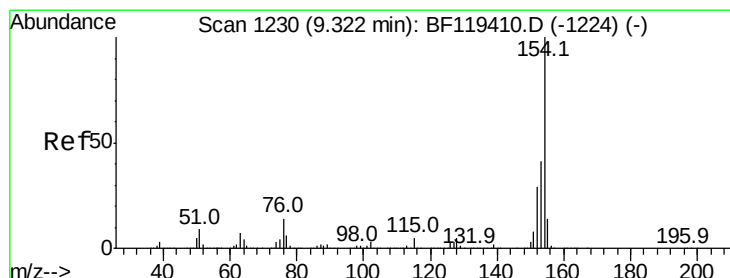
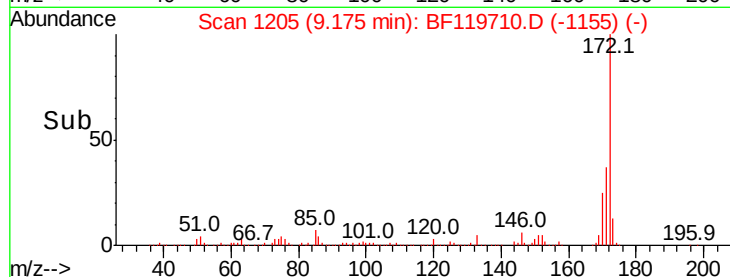
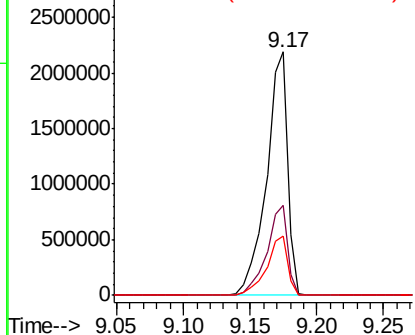
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	20.2	30.2

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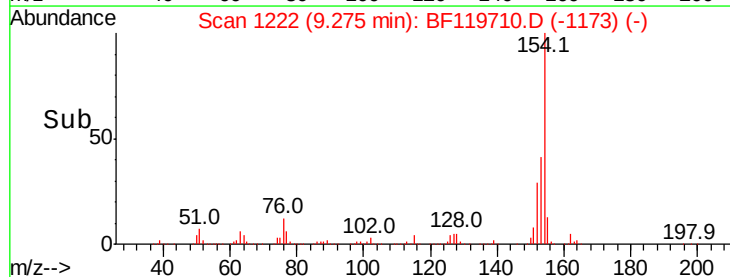
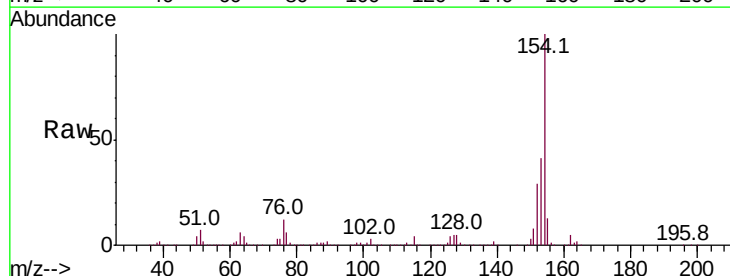
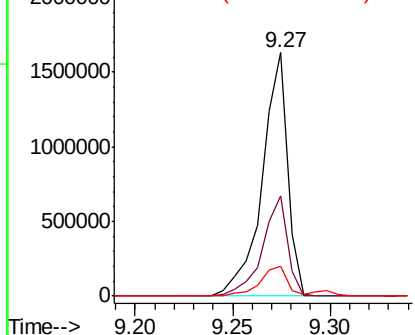
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

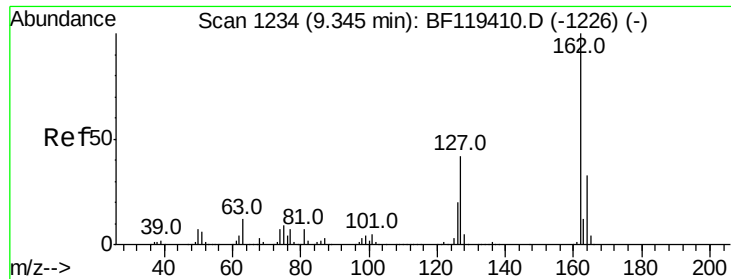


#46
1,1'-Biphenyl
Concen: 40.687 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	12.0	0.0	33.0

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





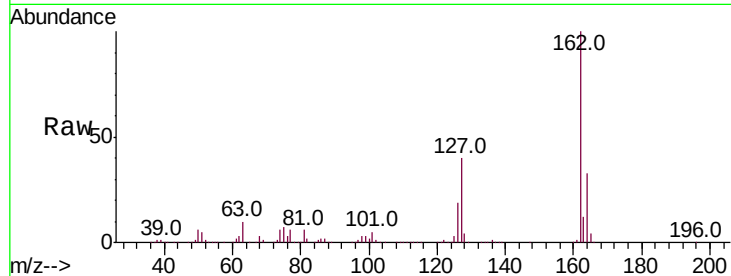
#47
2-Chloronaphthalene
Concen: 41.219 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

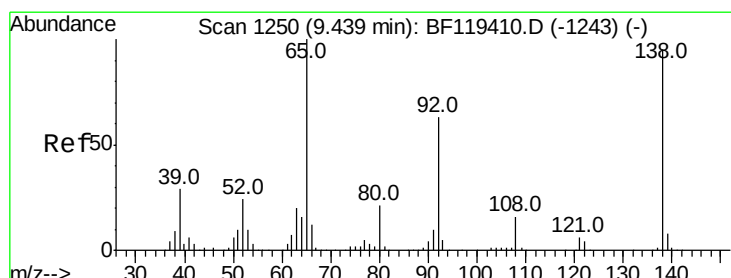
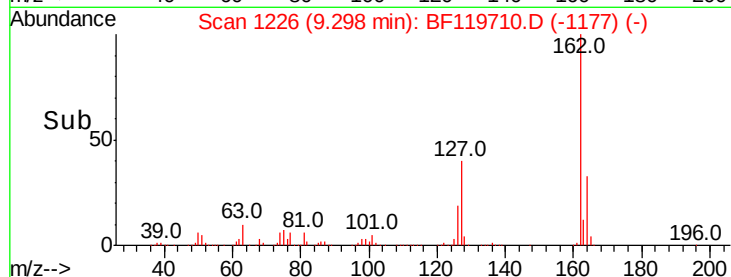
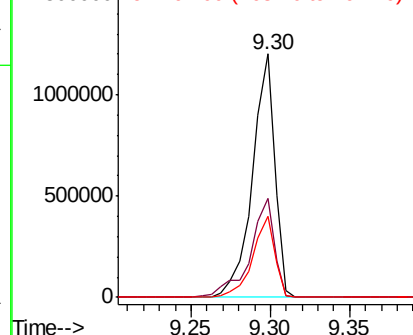
Tot Ion:162 Resp: 1170720
Ion Ratio Lower Upper
162 100
127 40.5 33.7 50.5
164 33.2 26.3 39.5

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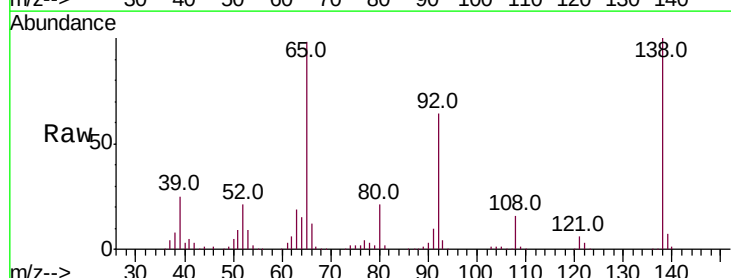


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

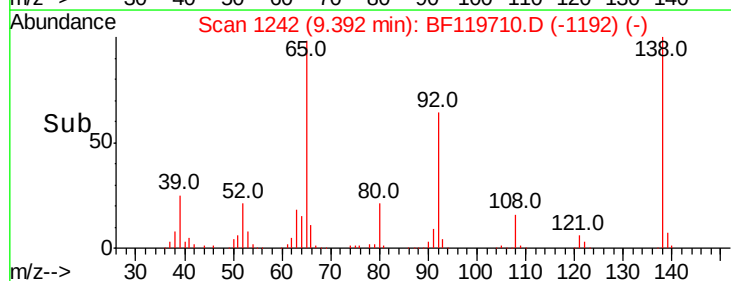
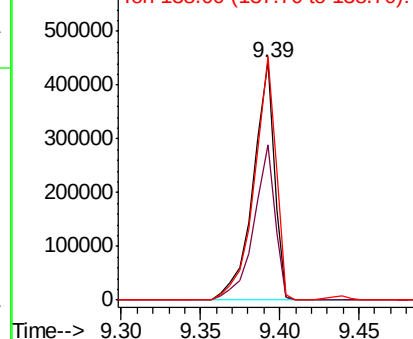


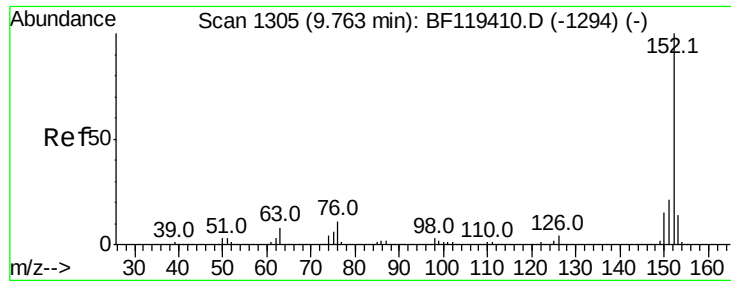
#48
2-Nitroaniline
Concen: 42.103 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion: 65 Resp: 412755
Ion Ratio Lower Upper
65 100
92 65.2 50.0 75.0
138 102.2 75.0 112.4



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





#49

Acenaphthylene

Concen: 41.864 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion:152 Resp: 1867252

Ion Ratio Lower Upper

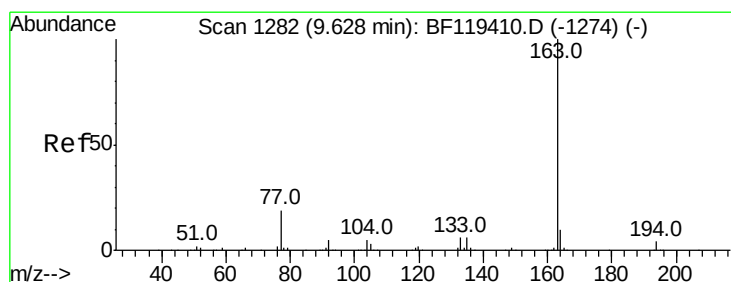
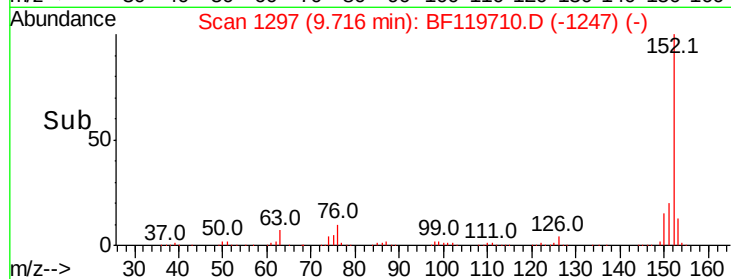
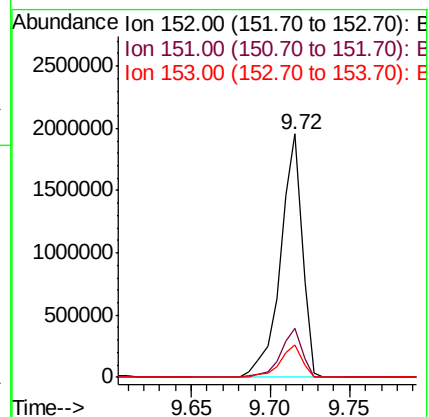
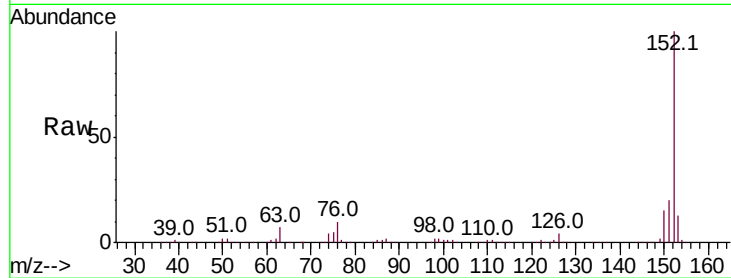
152 100

151 20.2 17.2 25.8

153 13.4 11.2 16.8

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#50

Dimethylphthalate

Concen: 42.701 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

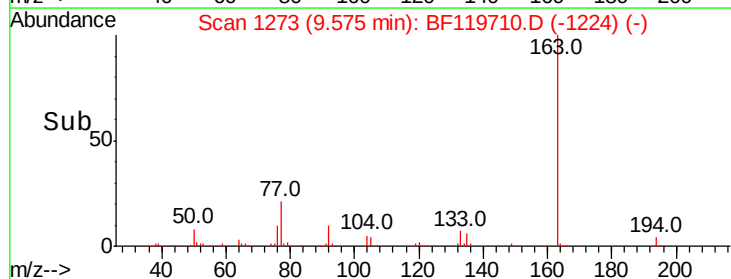
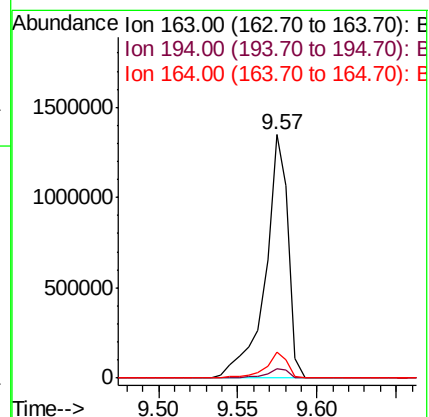
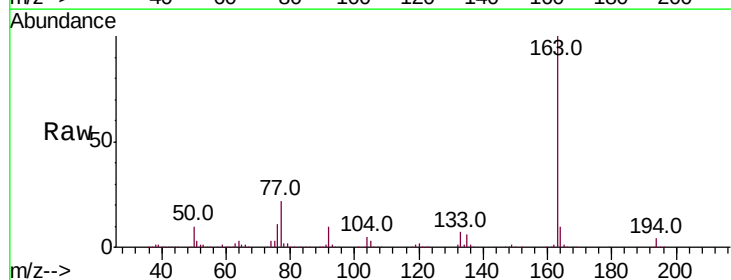
Tgt Ion:163 Resp: 1350345

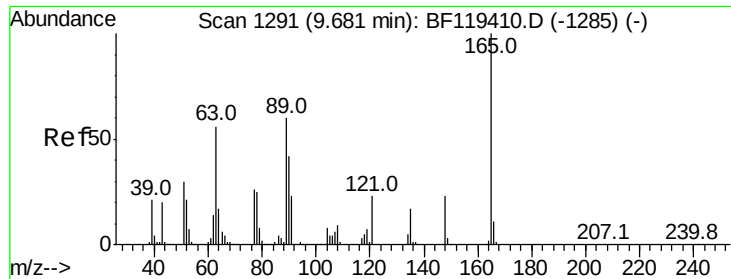
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.5 8.2 12.2





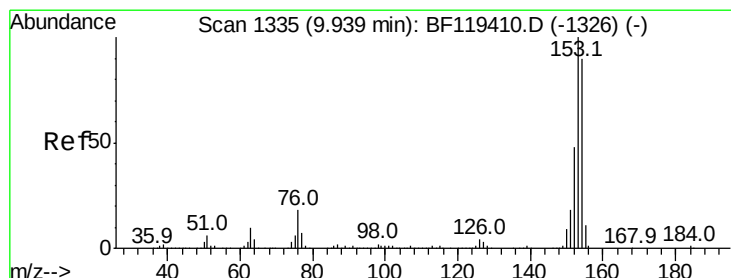
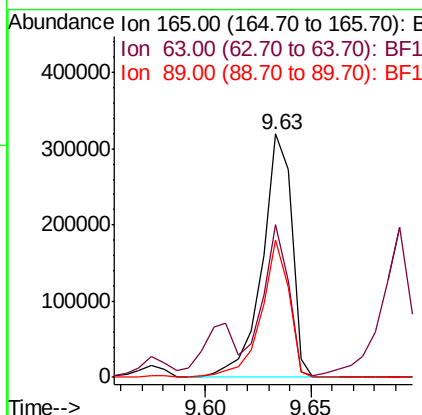
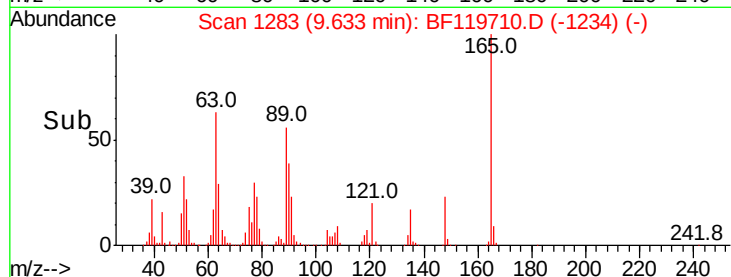
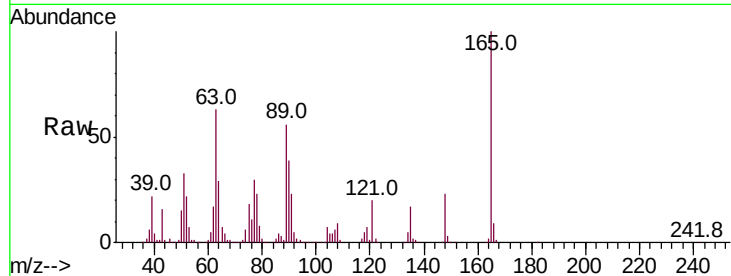
#51
2,6-Dinitrotoluene
Concen: 45.855 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.9	45.0	67.4	
89	56.2	41.5	62.3	

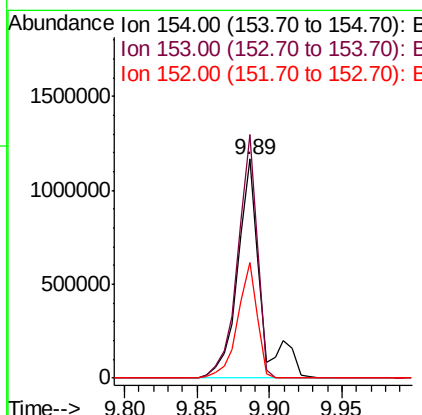
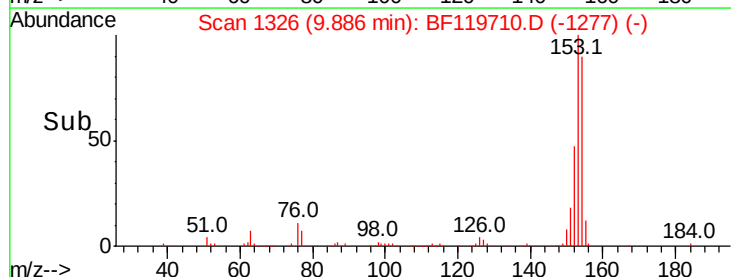
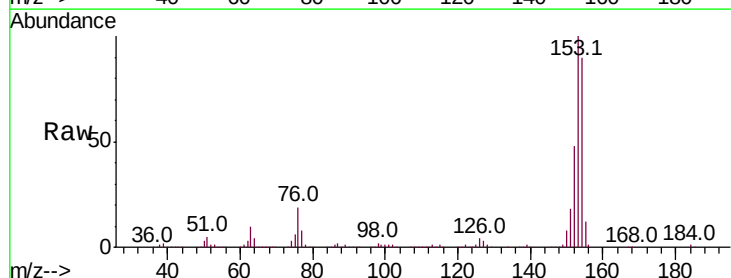
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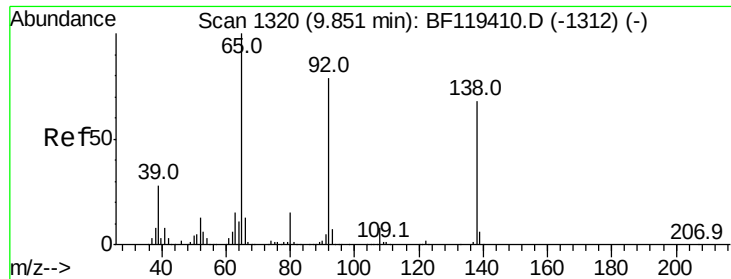
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#52
Acenaphthene
Concen: 46.328 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.2	88.1	132.1	
152	52.8	43.0	64.4	





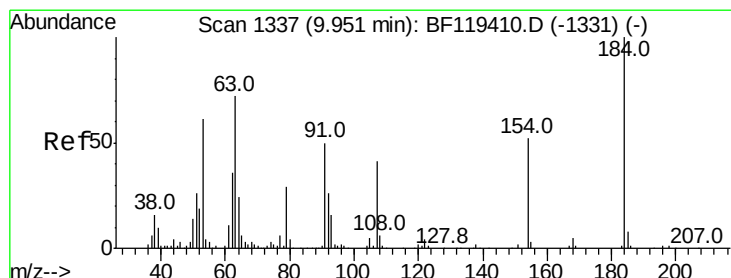
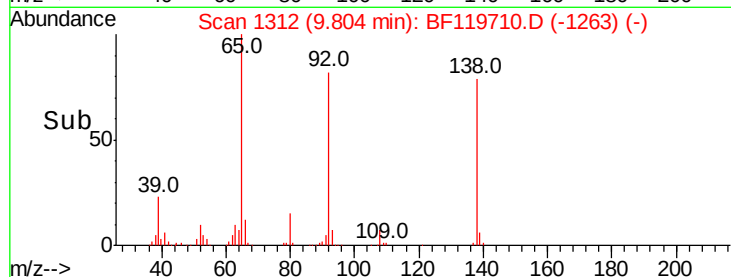
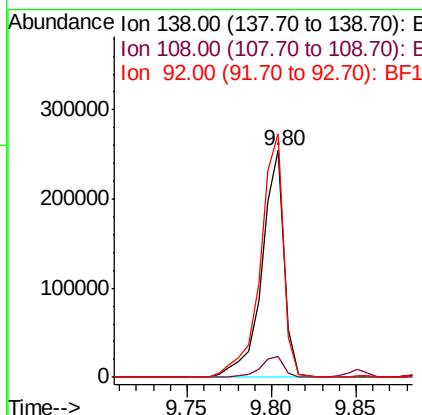
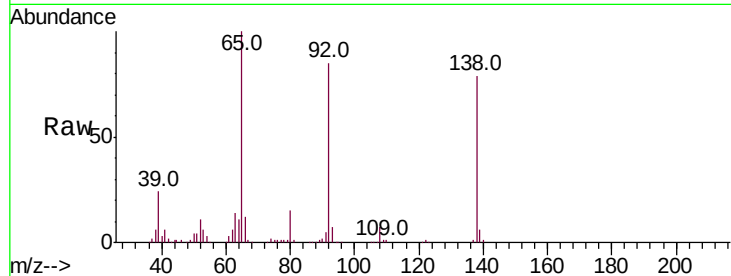
#53
3-Nitroaniline
Concen: 27.182 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	8.6	13.0
92	107.5	95.4	143.0

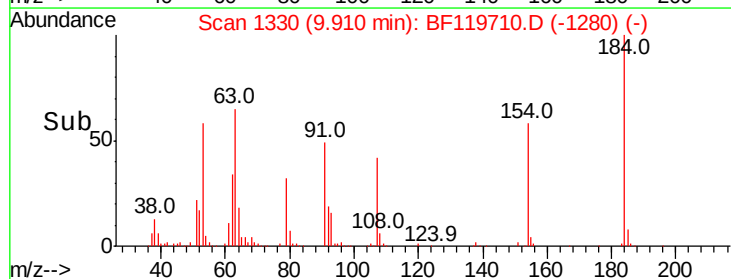
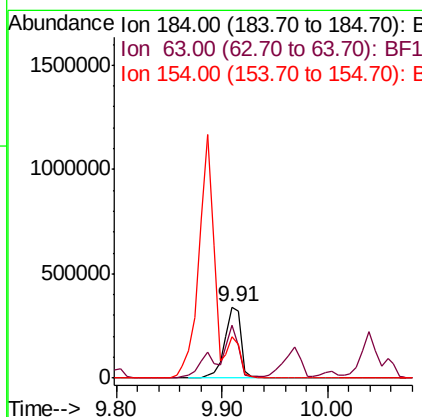
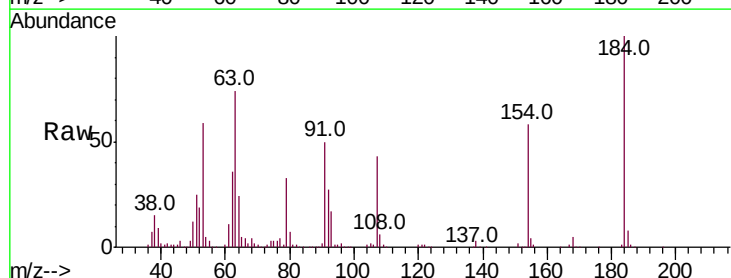
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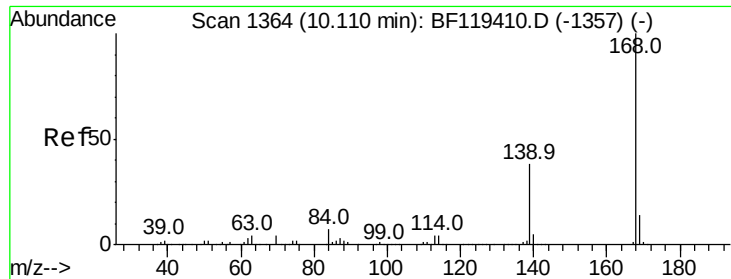
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#54
2,4-Dinitrophenol
Concen: 121.859 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.9	50.2	75.4
154	58.0	44.5	66.7





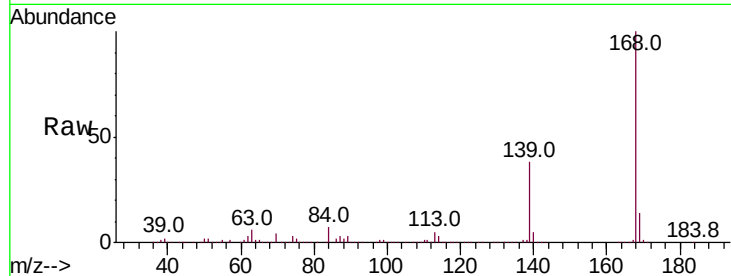
#55
Dibenzofuran
Concen: 41.932 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.9	11.0	16.6

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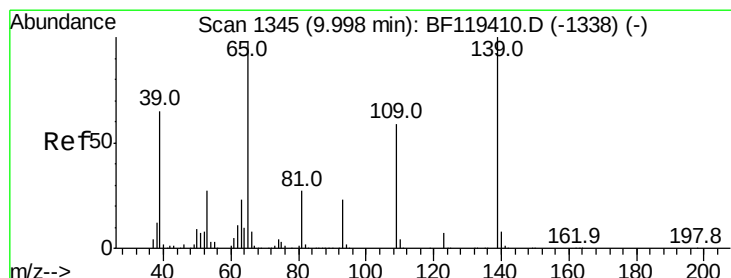
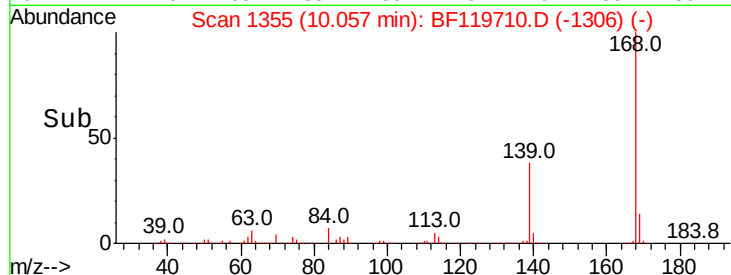
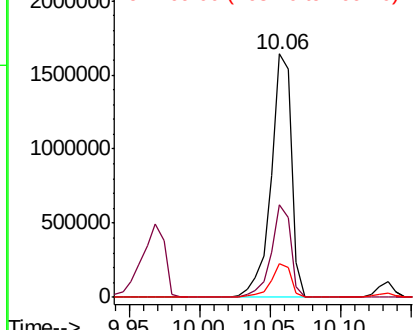


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.255 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

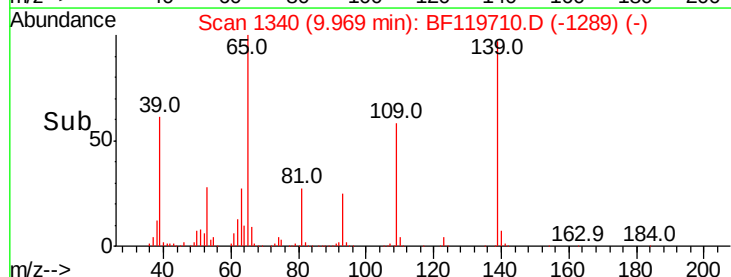
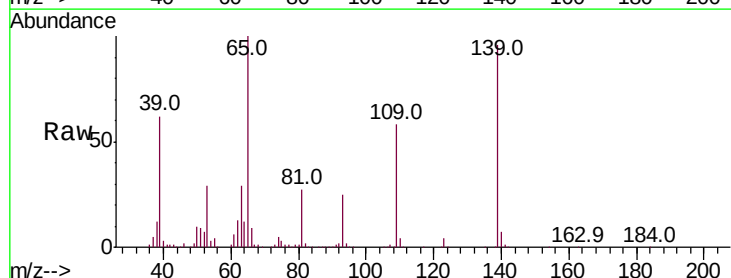
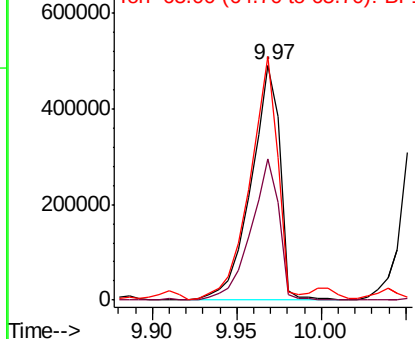
Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.9	43.3	83.3
65	103.7	91.0	131.0

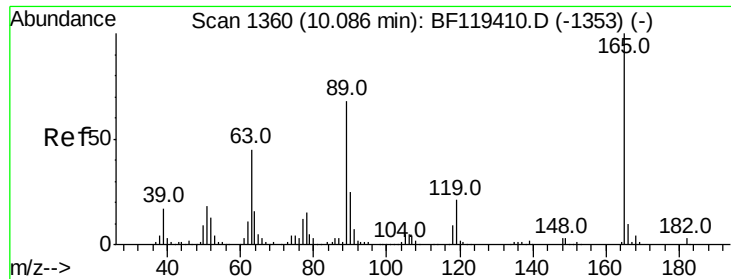
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





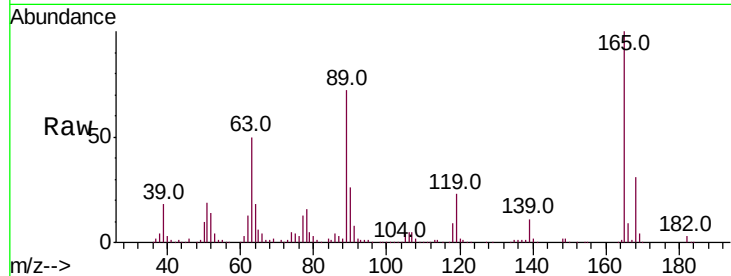
#57
2,4-Dinitrotoluene
Concen: 48.993 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

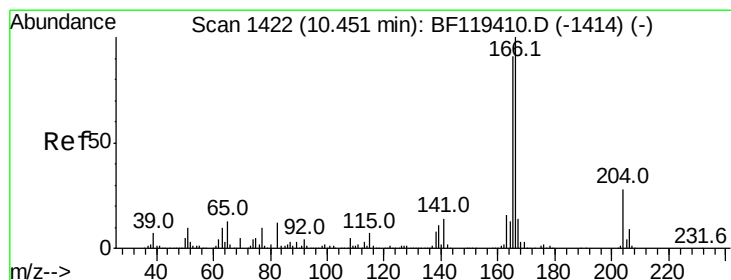
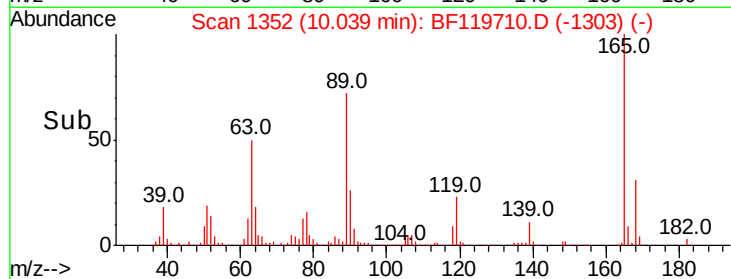
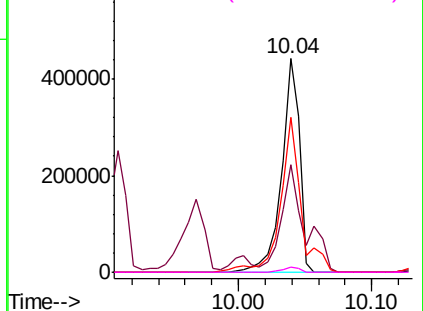
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.2	42.6	64.0	
89	72.3	61.0	91.4	
182	2.5	2.2	3.2	

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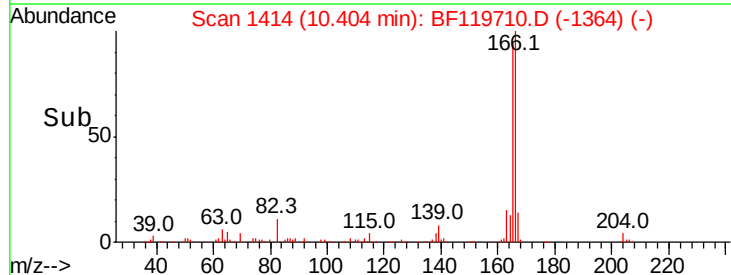
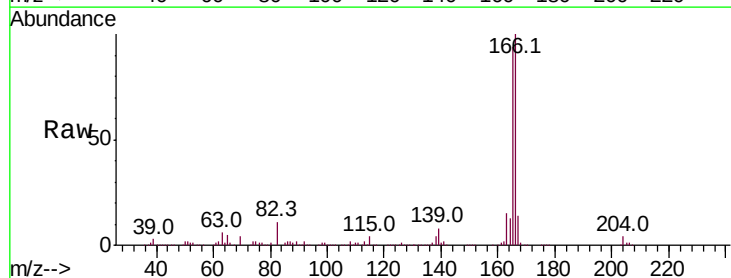
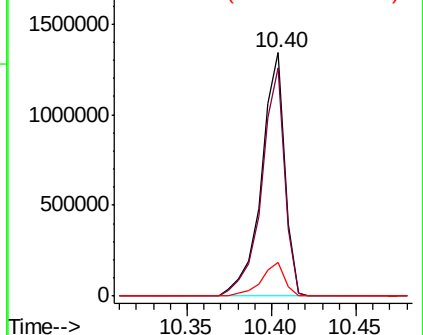
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

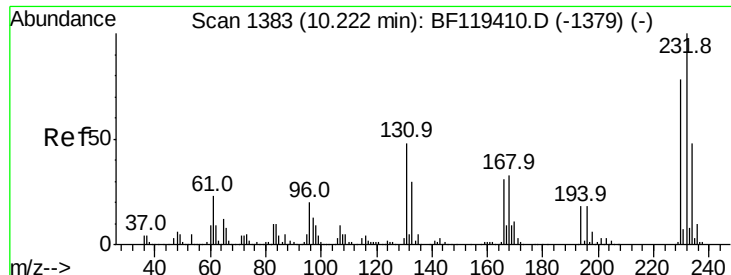


#58
Fluorene
Concen: 43.382 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.8	75.4	113.2	
167	13.6	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.636 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion:232 Resp: 356852

Ion Ratio Lower Upper

232 100

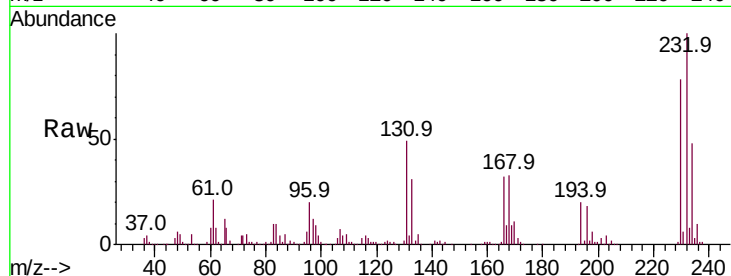
131 46.3 37.5 56.3

130 2.1 1.8 2.6

166 30.9 24.6 36.8

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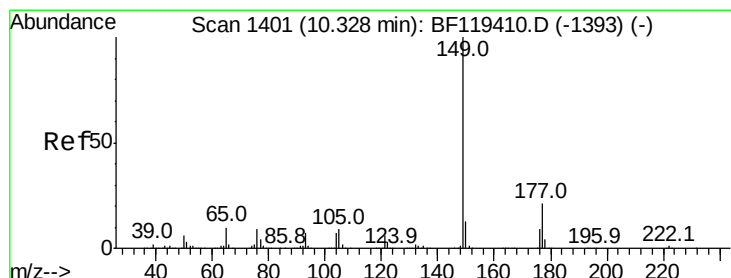
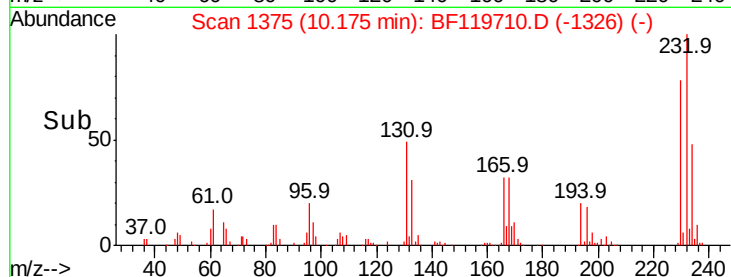
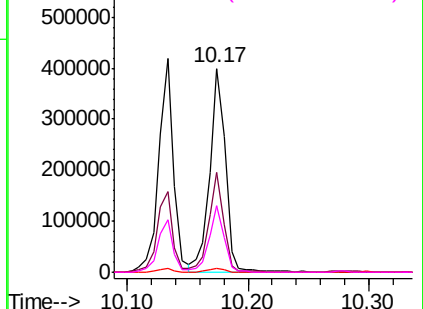


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.181 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

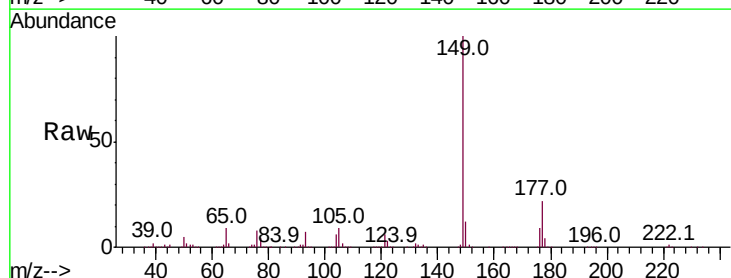
Tgt Ion:149 Resp: 1385934

Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.6

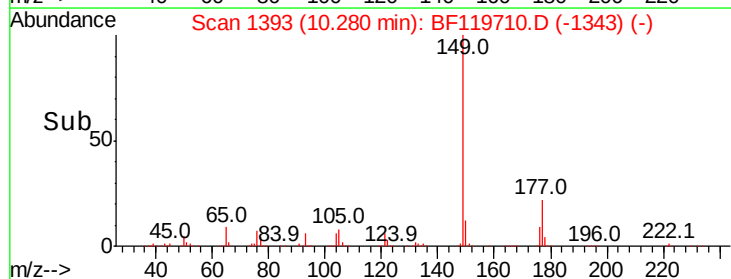
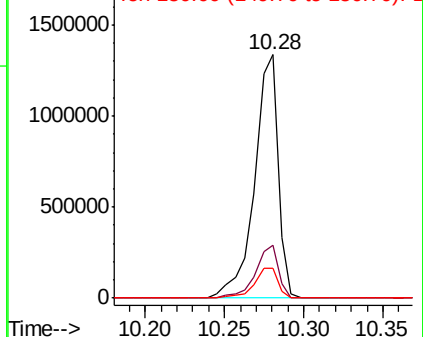
150 12.4 10.1 15.1

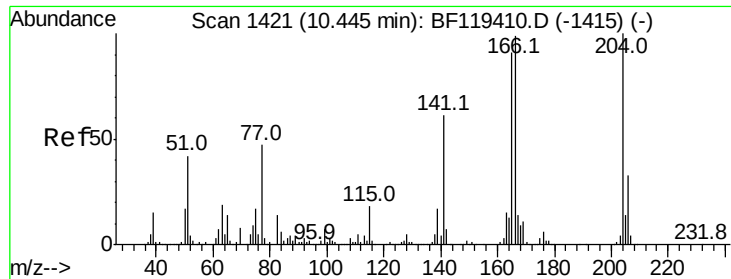


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





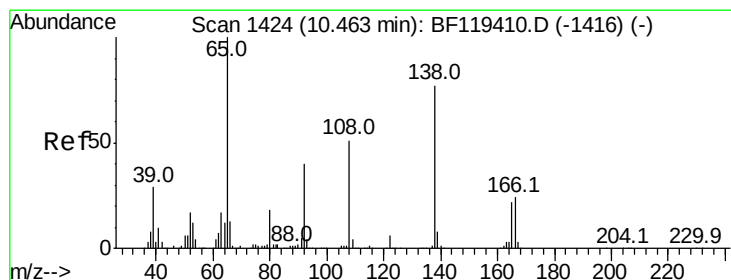
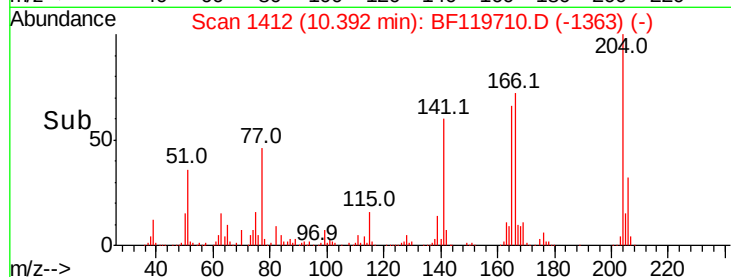
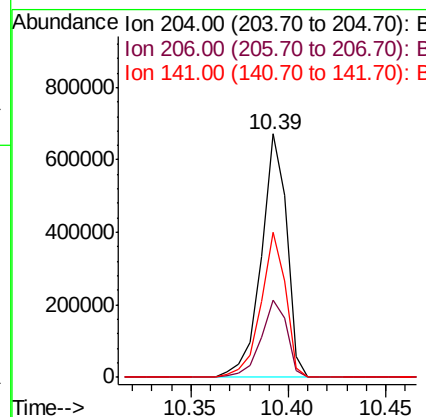
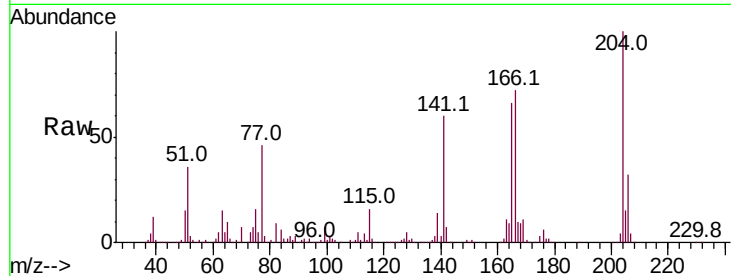
#61
4-Chlorophenyl-phenylether
Concen: 42.048 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.7	40.1
141	59.8	47.3	70.9

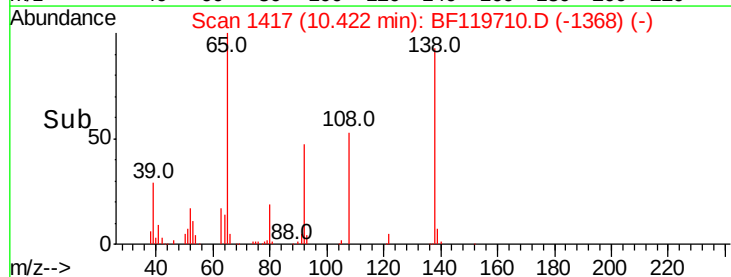
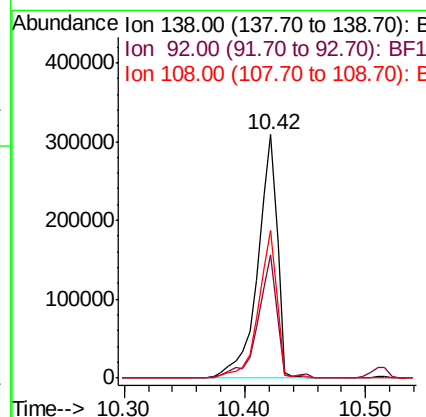
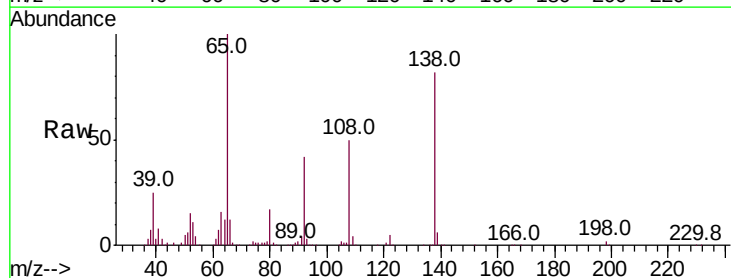
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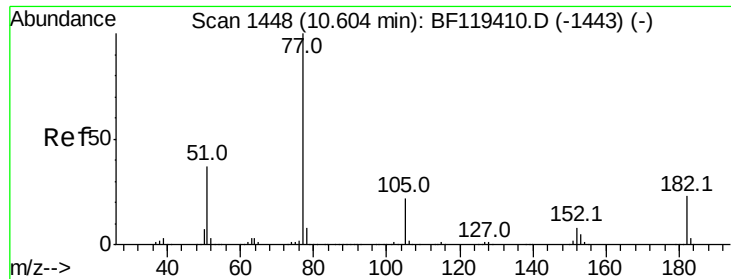
mohammad
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#62
4-Nitroaniline
Concen: 42.516 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.5	71.5
108	60.8	45.8	85.8





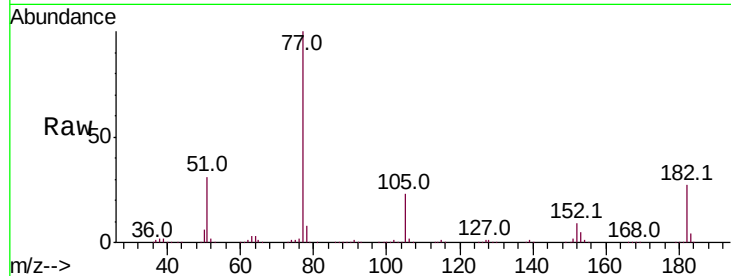
#63
Azobenzene
Concen: 41.338 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.4	44.4
105	23.5	2.6	42.6
51	30.8	15.1	55.1

Manual Integrations
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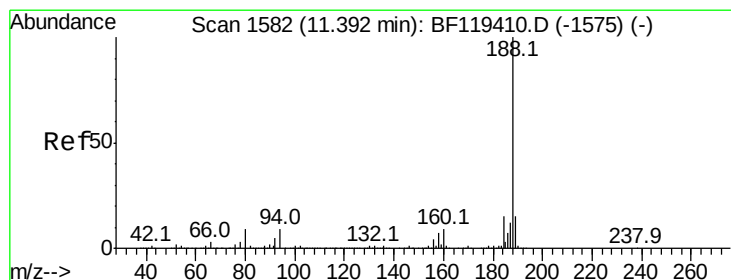
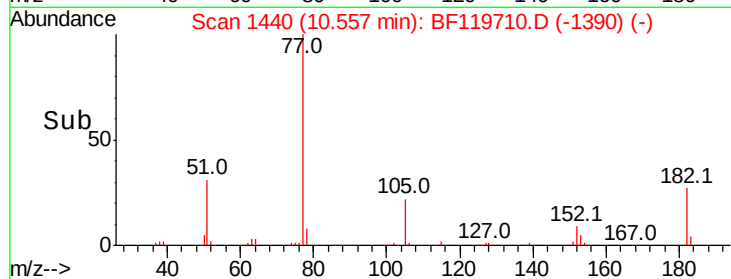
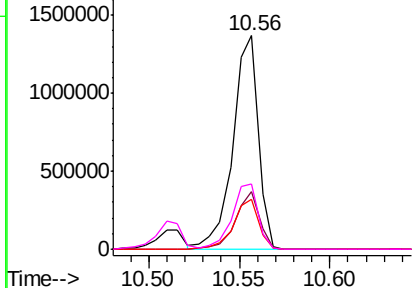
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

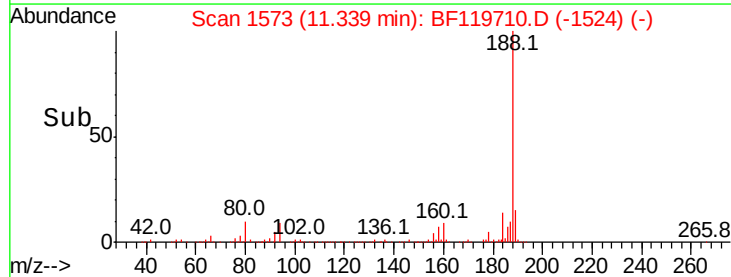
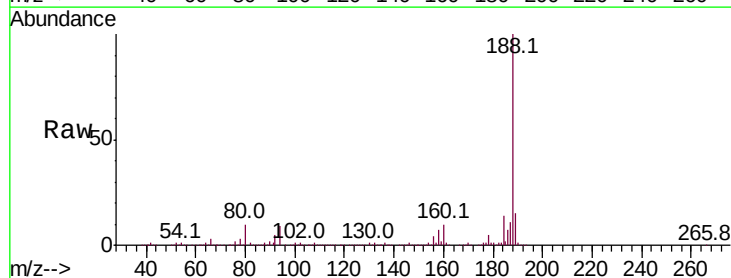
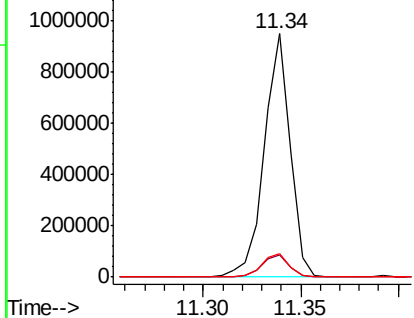
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.8	9.0	13.4

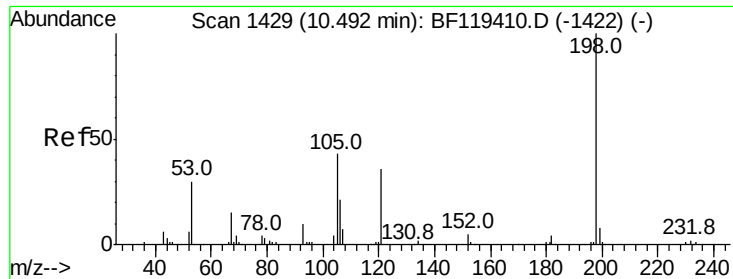
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





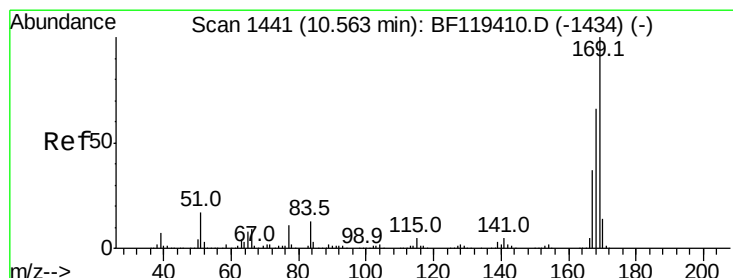
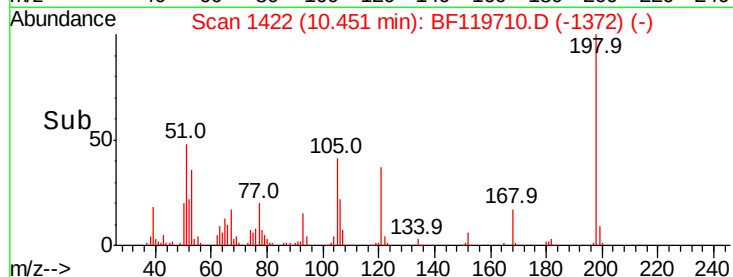
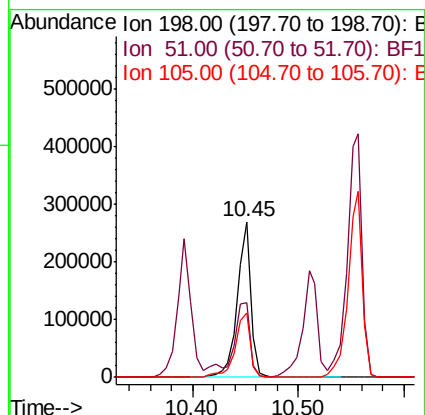
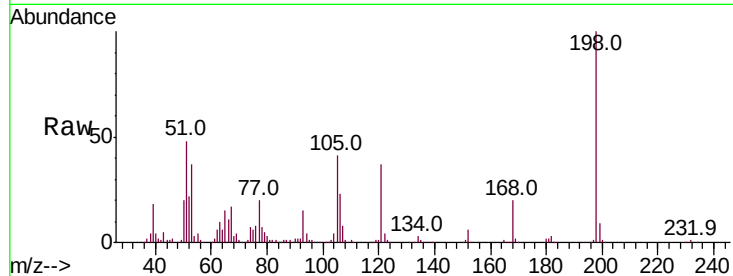
#65
 4,6-Dinitro-2-methylphenol
 Concen: 64.824 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.9	29.0	69.0
105	41.2	22.2	62.2

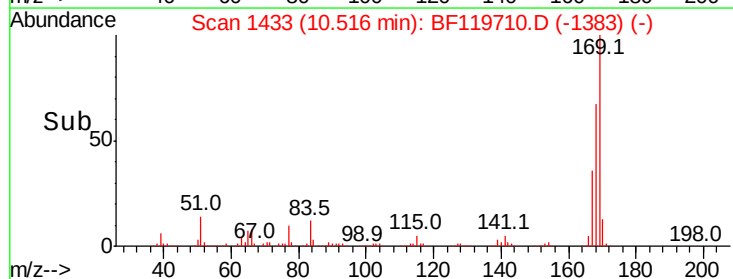
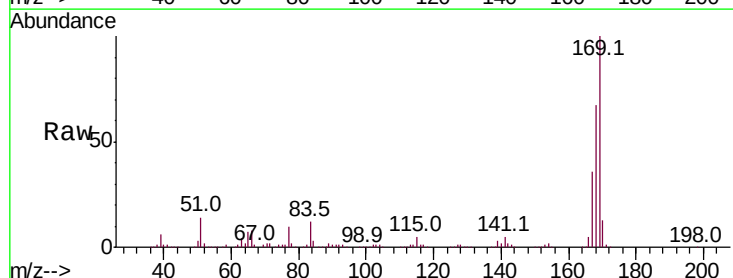
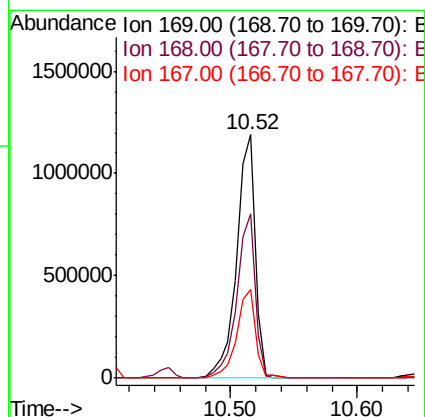
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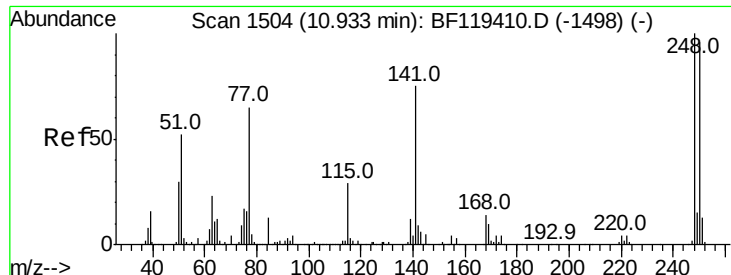
mohammad
 4/6/2020 1:38:37 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.688 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	29.1	43.7





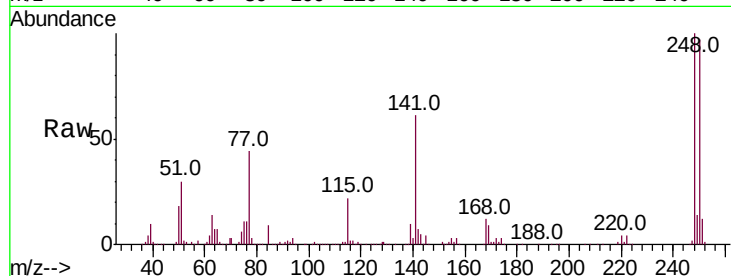
#67
 4-Bromophenyl-phenylether
 Concen: 40.793 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.3	115.9
141	60.8	58.6	87.8

Manual Integrations
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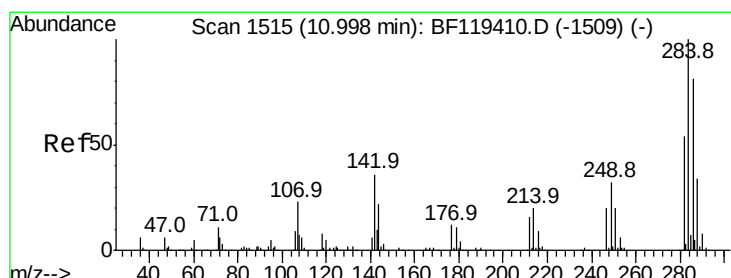
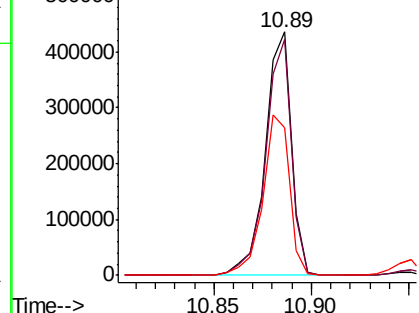
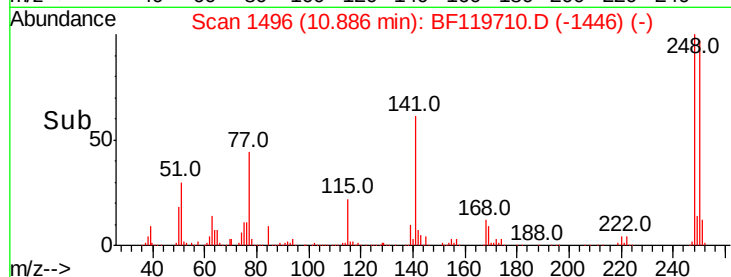


Abundance

Ion 248.00 (247.70 to 248.70): E

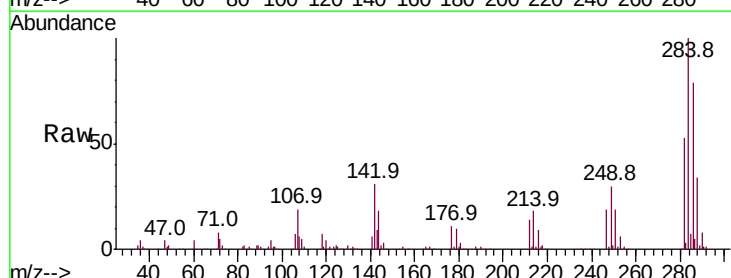
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.900 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	29.2	43.8
249	30.4	25.1	37.7

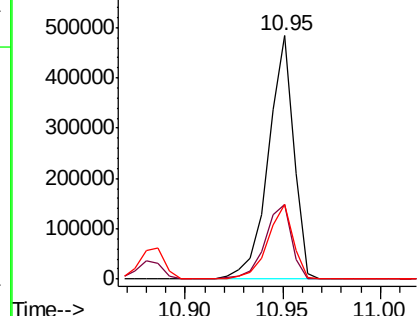
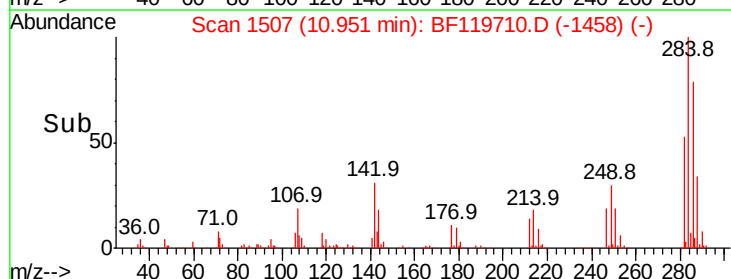


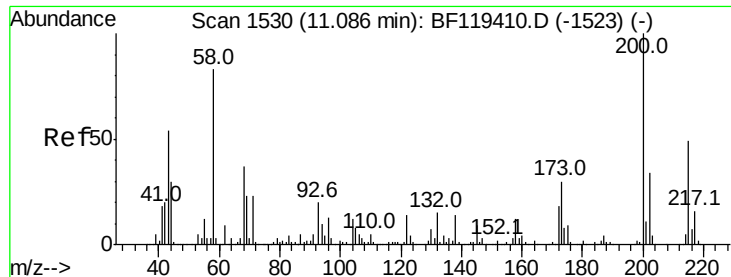
Abundance

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





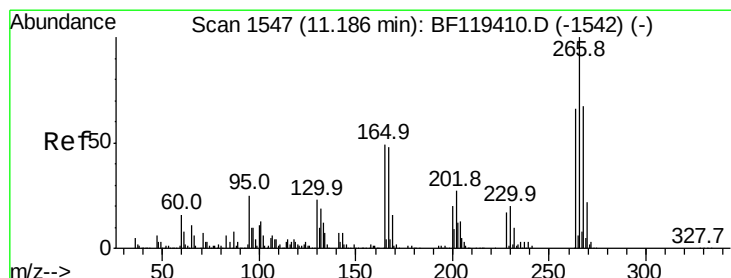
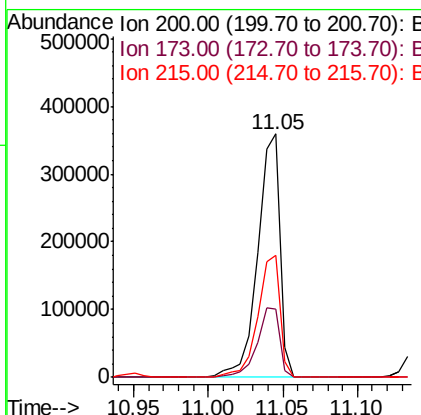
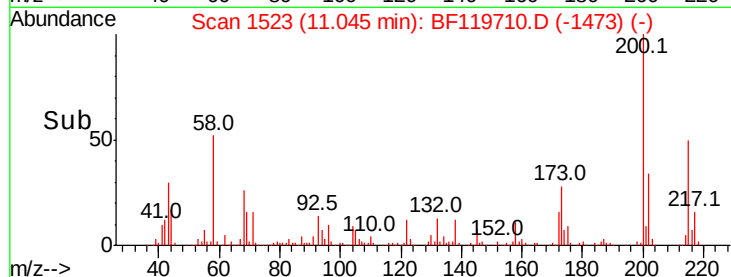
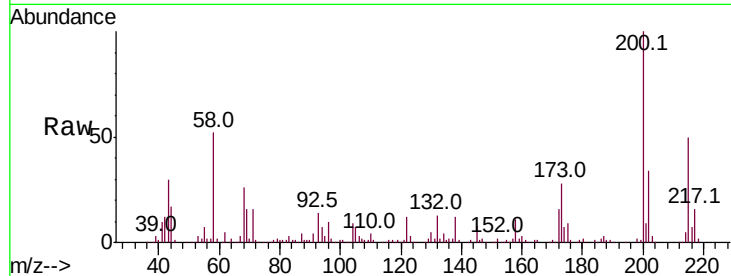
#69
 Atrazine
 Concen: 46.446 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	9.3	49.3
215	50.3	29.5	69.5

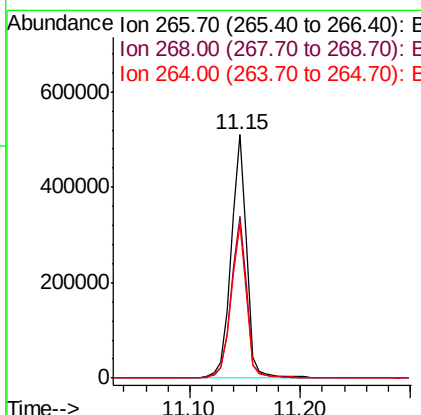
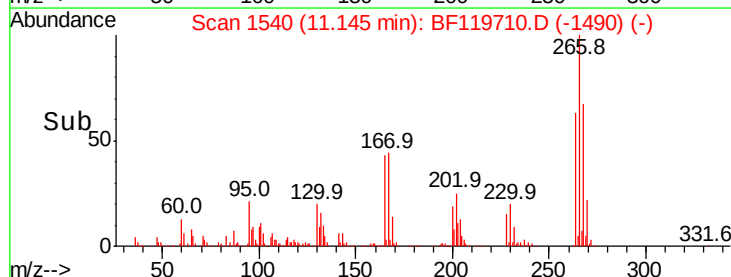
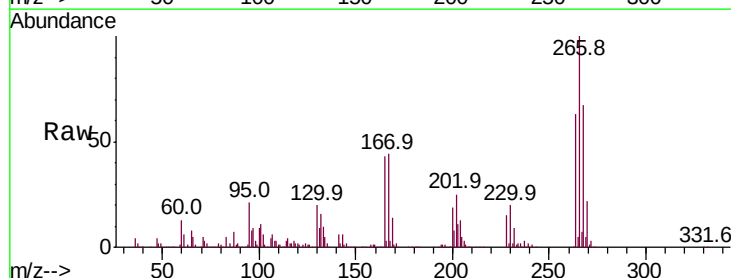
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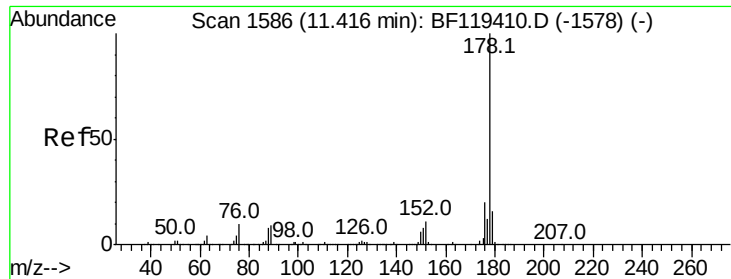
mohammad
 4/6/2020 1:38:37 PM



#70
 Pentachlorophenol
 Concen: 84.789 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	53.3	79.9
264	63.4	49.0	73.4





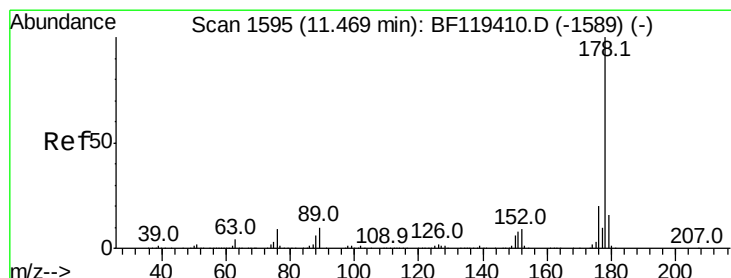
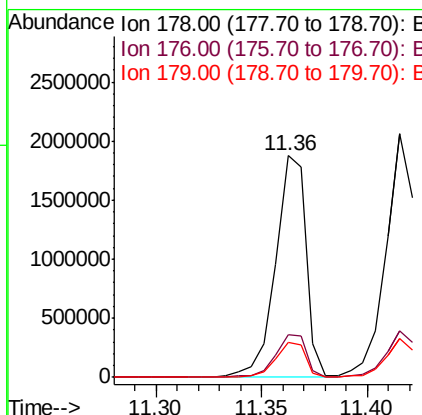
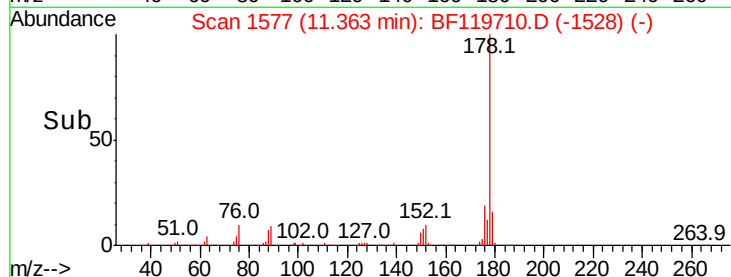
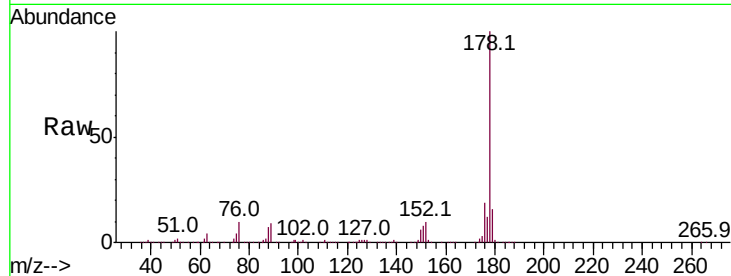
#71
Phenanthrene
Concen: 41.942 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:178 Resp: 1894613
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.4
179 15.7 13.2 19.8

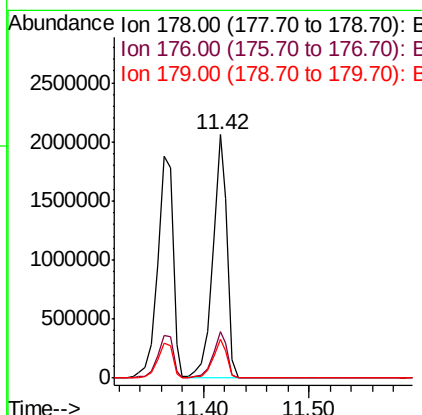
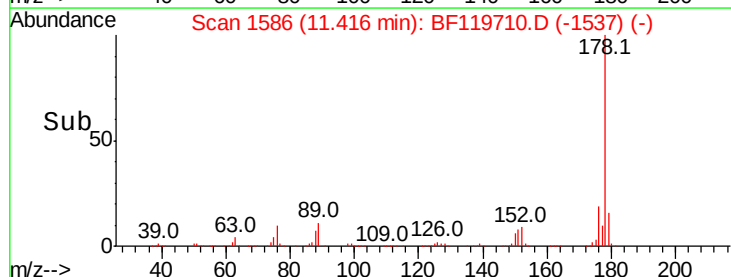
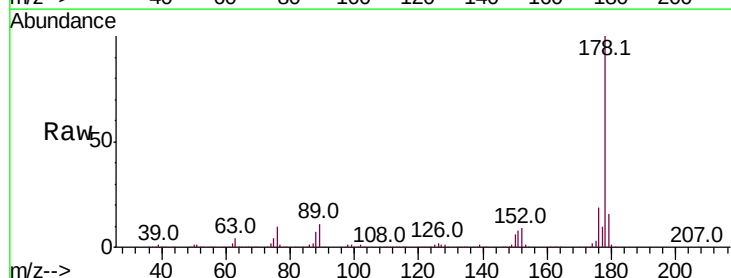
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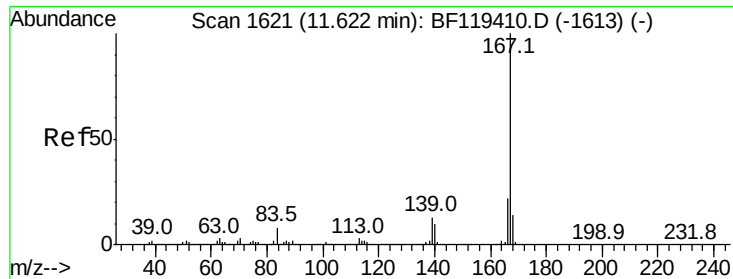
mohammad
4/6/2020 1:38:37 PM



#72
Anthracene
Concen: 42.615 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion:178 Resp: 1956481
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 16.1 13.0 19.4





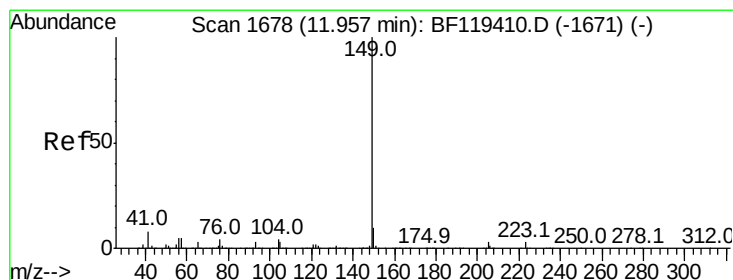
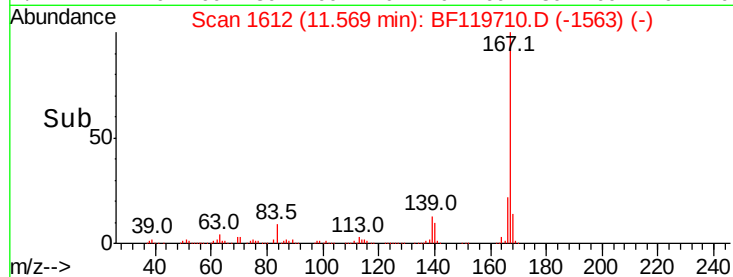
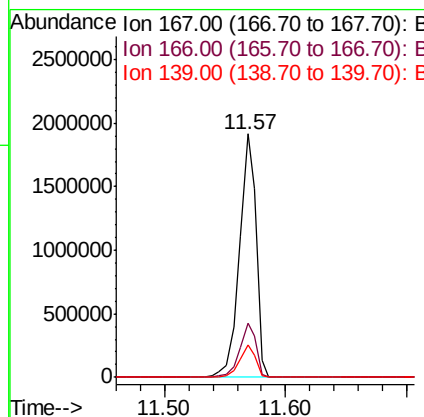
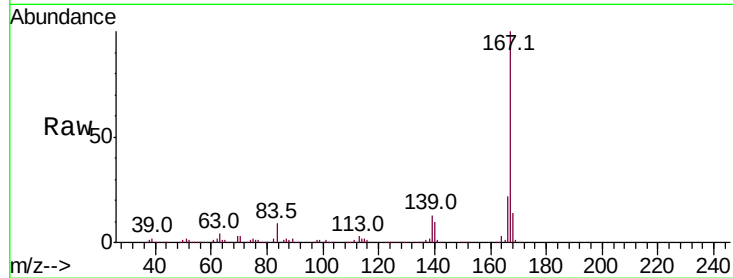
#73
 Carbazole
 Concen: 40.639 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.3	10.7	16.1

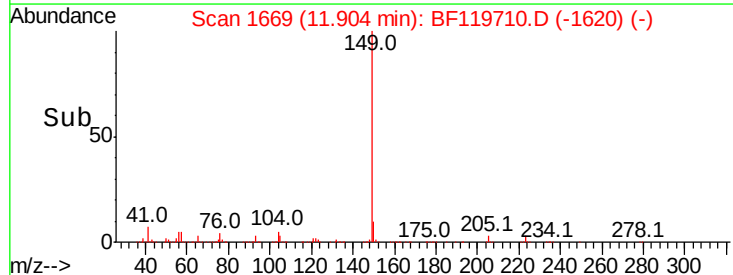
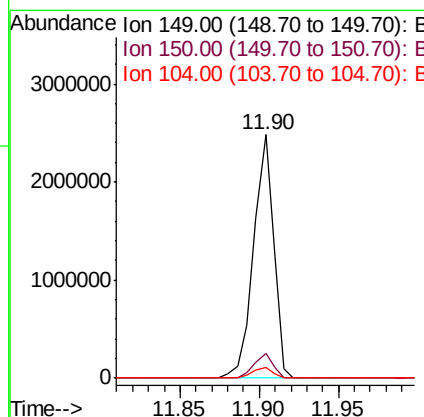
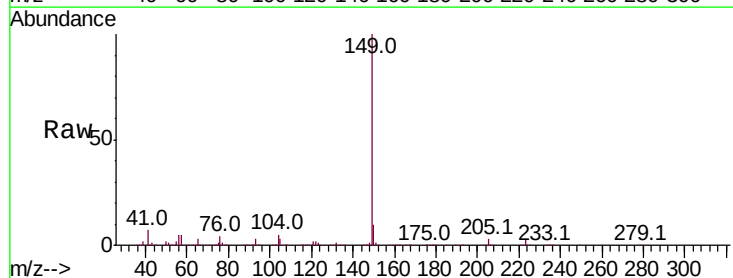
Manual Integrations
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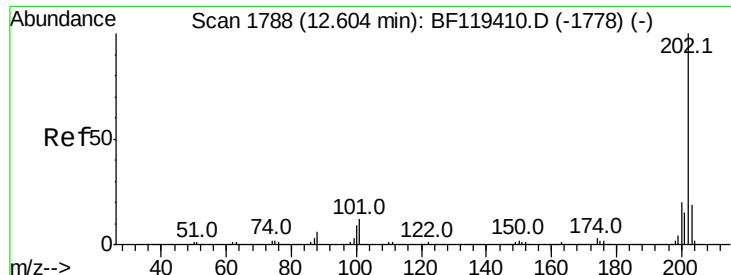
mohammad
 4/6/2020 1:38:37 PM



#74
 Di-n-butylphthalate
 Concen: 44.893 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	4.6	3.6	5.4





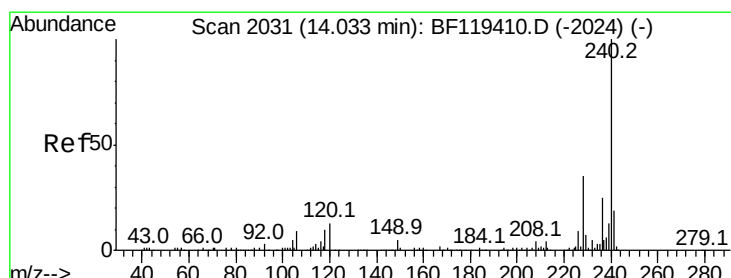
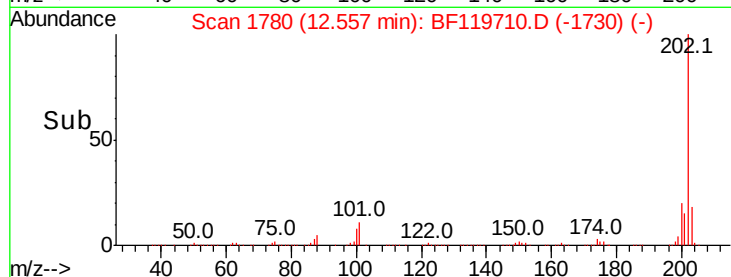
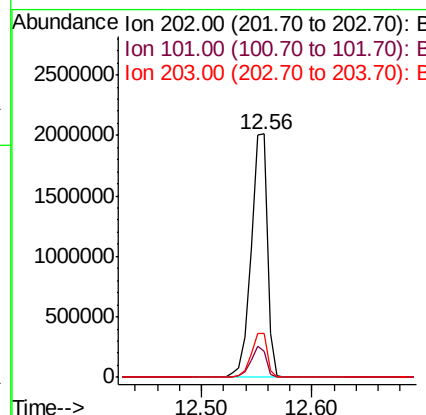
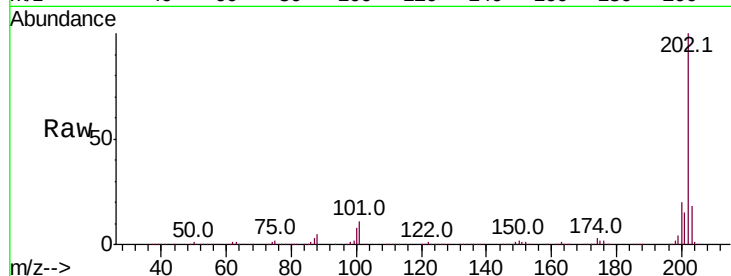
#75
 Fluoranthene
 Concen: 42.780 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.2
203	17.9	0.0	38.8

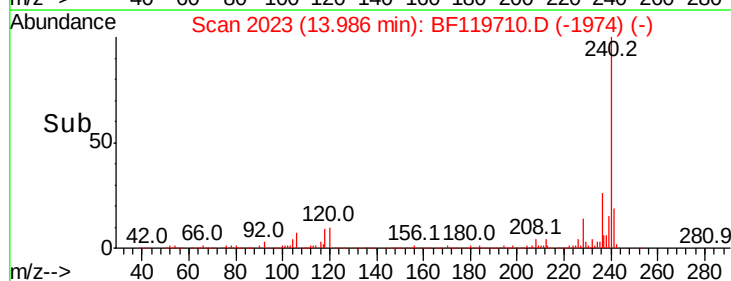
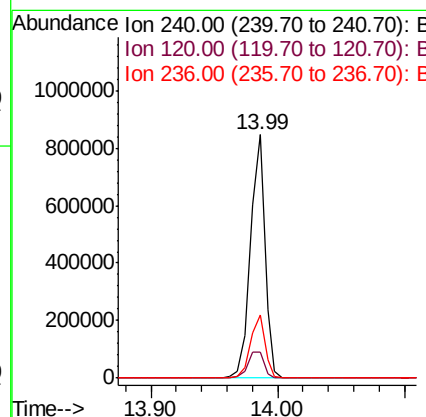
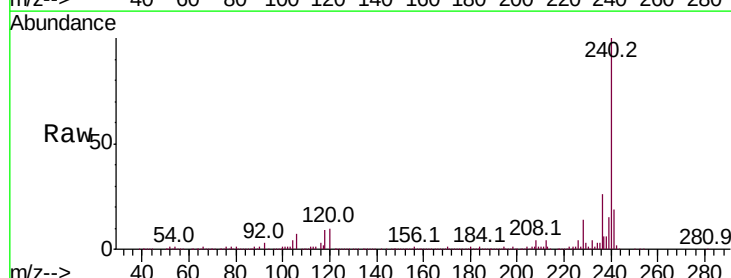
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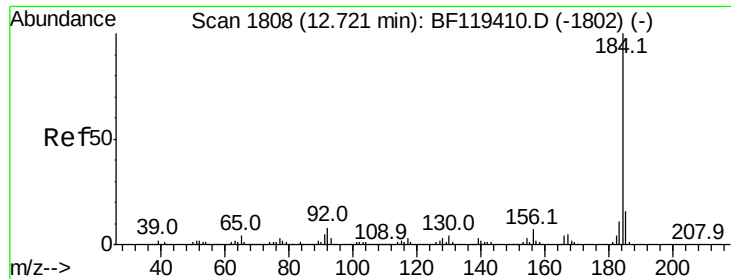
mohammad
 4/6/2020 1:38:37 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	26.0	20.2	30.2





#77

Benzidine

Concen: 33.654 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

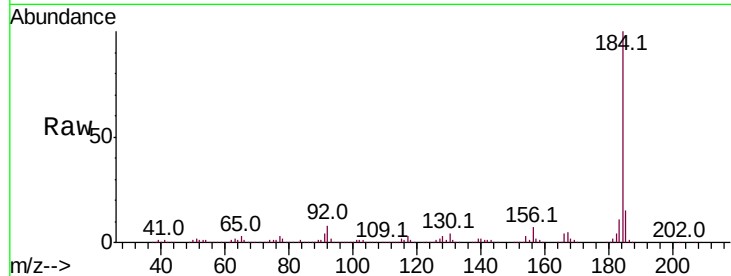
ClientSampleId :

PB127799BS

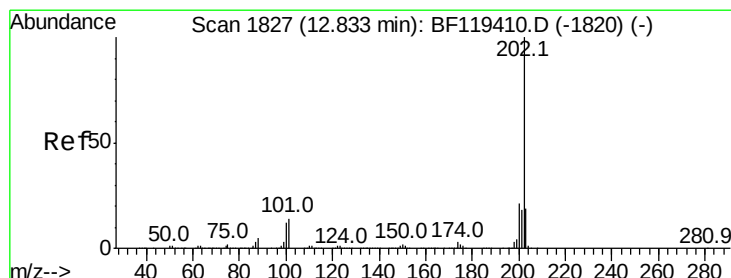
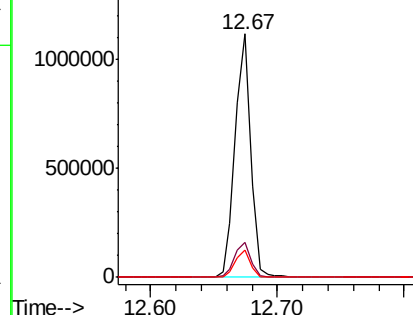
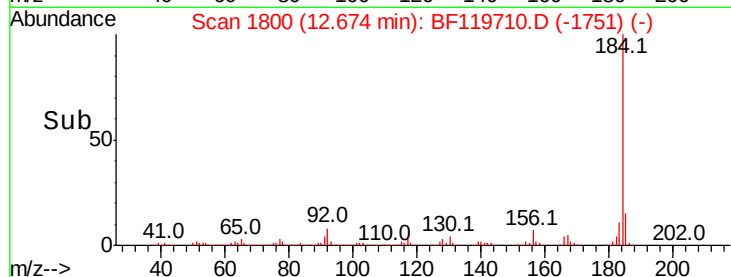
Tot Ion:	184	Resp:	954260
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.3	18.5
183	11.3	9.0	13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.961 ng

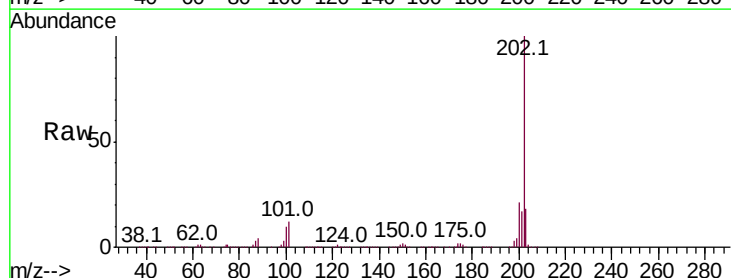
RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

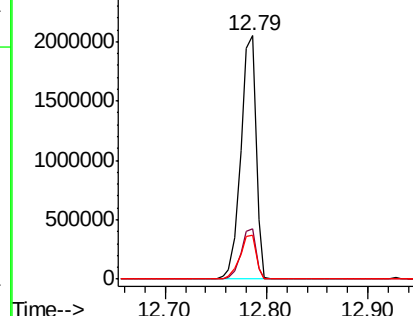
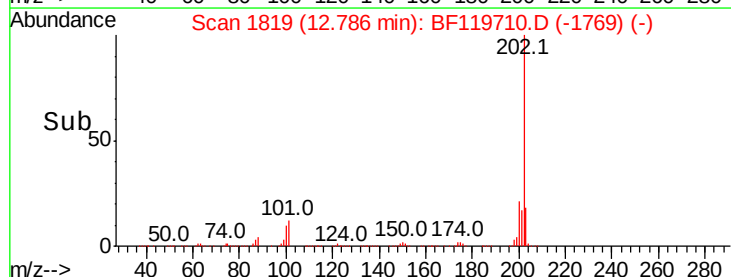
Lab File: BF119710.D

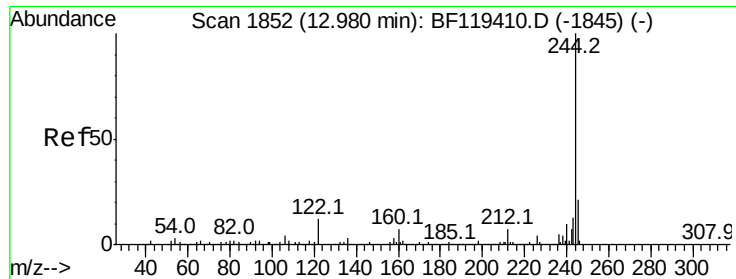
Acq: 3 Apr 2020 11:10

Tgt Ion:	202	Resp:	2142325
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	18.1	15.1	22.7



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





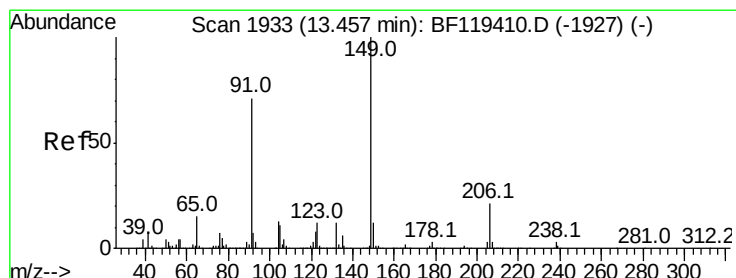
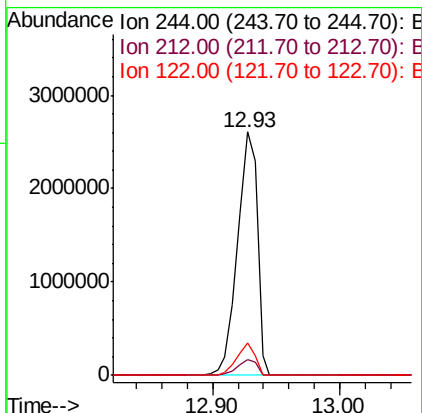
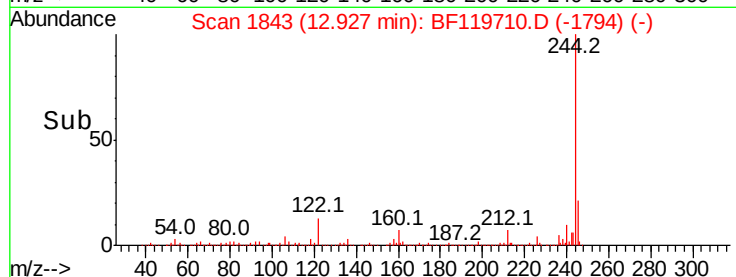
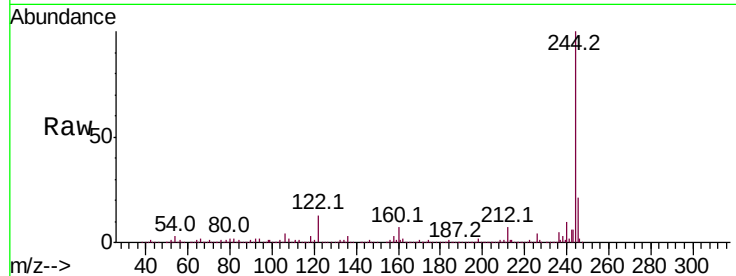
#79
 Terphenyl-d14
 Concen: 81.500 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.2	10.3	15.5

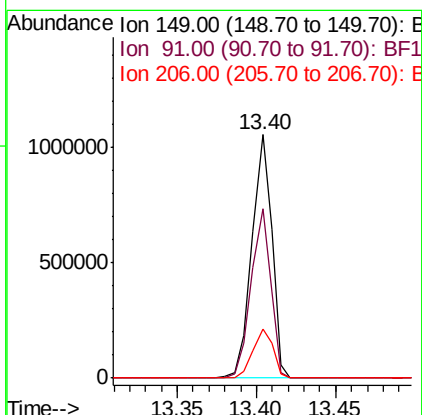
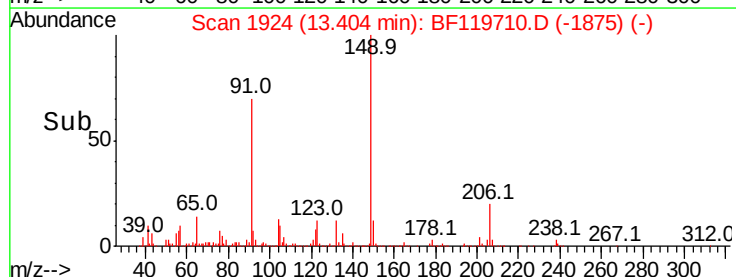
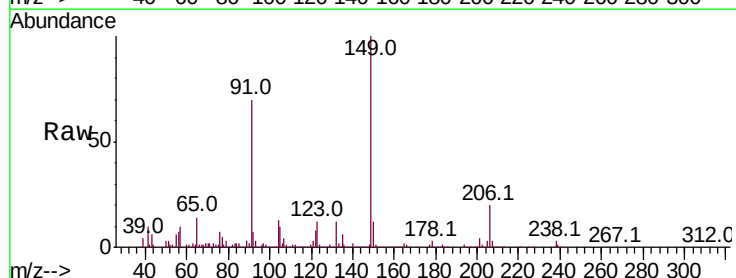
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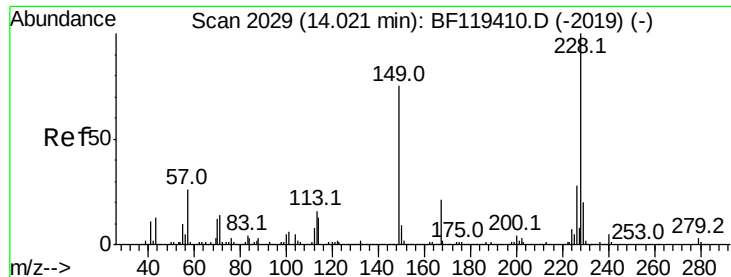
mohammad
 4/6/2020 1:38:37 PM



#80
 Butylbenzylphthalate
 Concen: 41.576 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	54.7	82.1
206	20.1	16.2	24.2





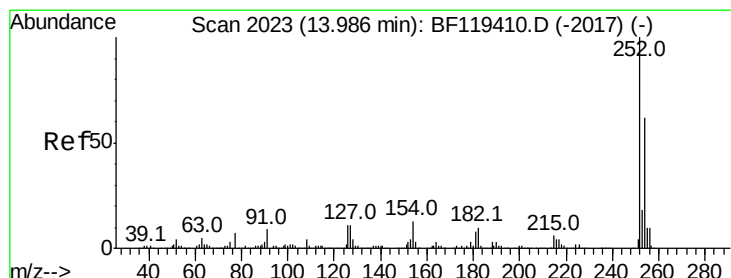
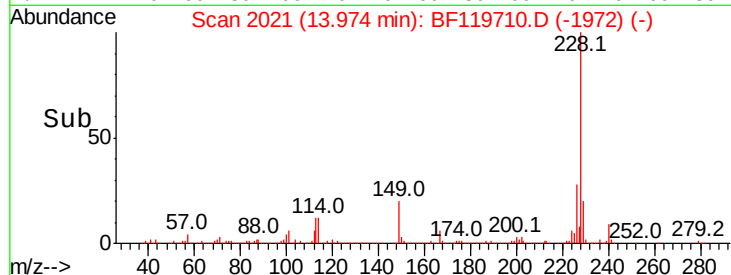
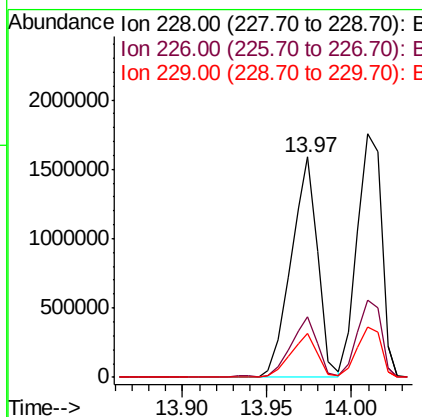
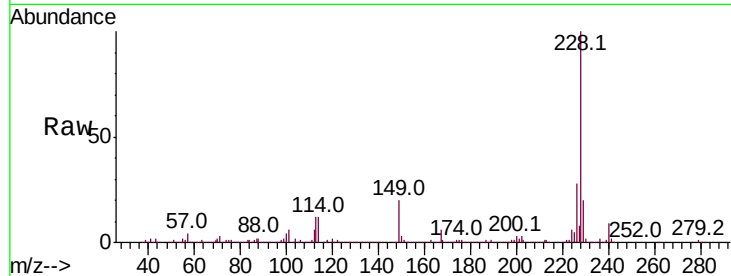
#81
Benzo(a)anthracene
Concen: 39.913 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	16.2	24.4

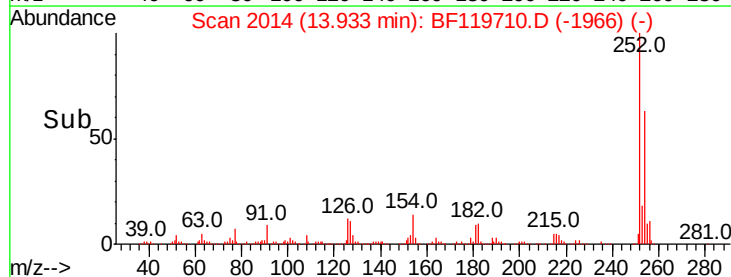
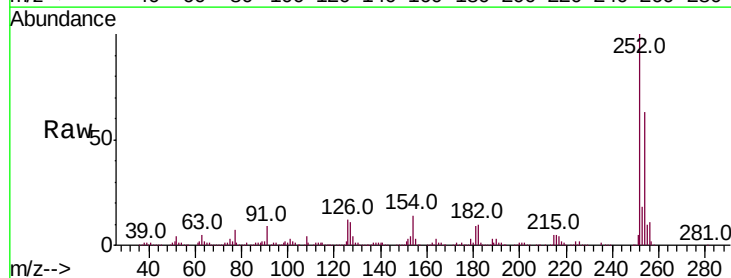
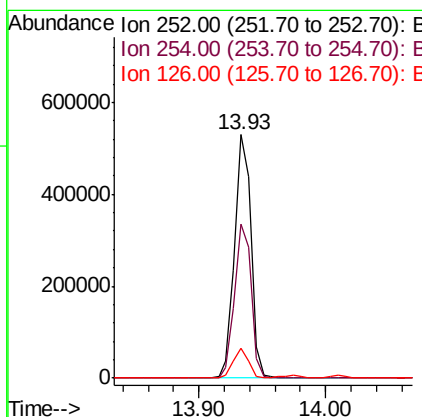
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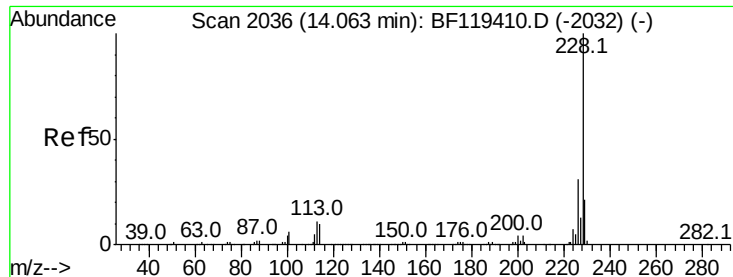
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.264 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.2	76.8
126	12.3	9.6	14.4





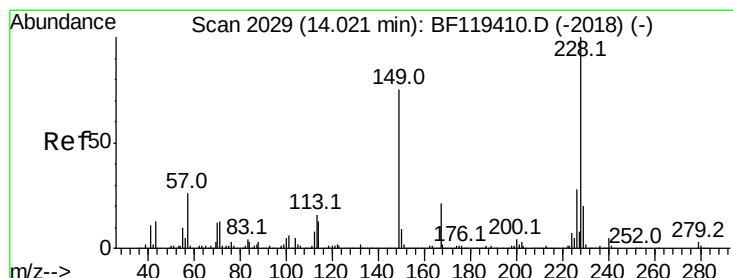
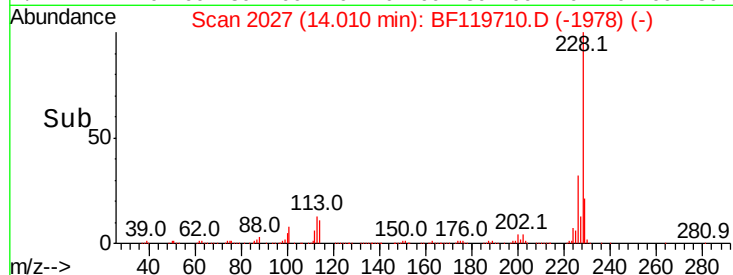
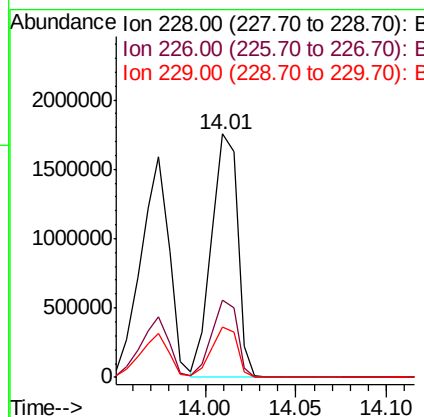
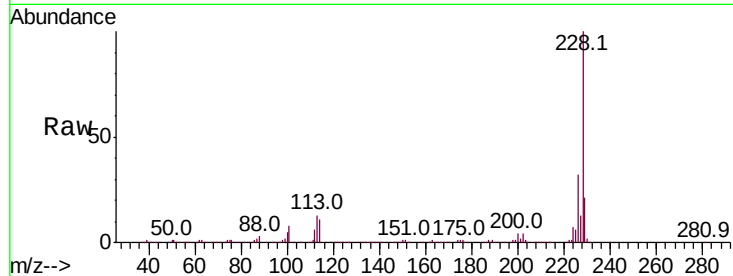
#83
 Chrysene
 Concen: 39.285 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.7	16.6	24.8

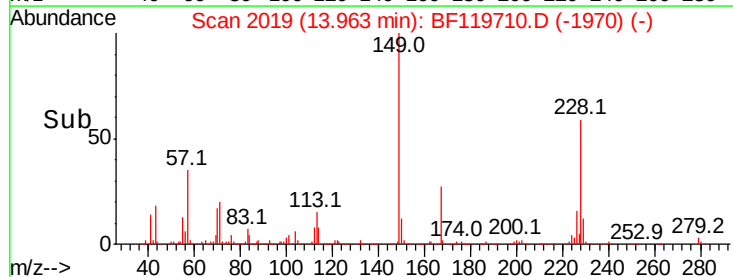
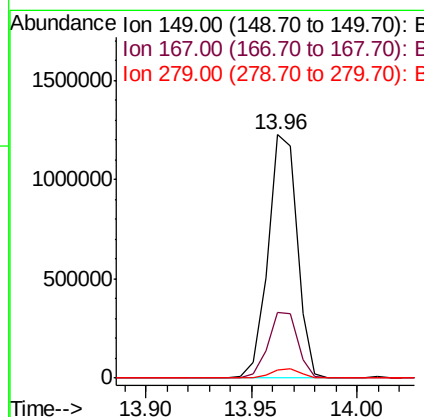
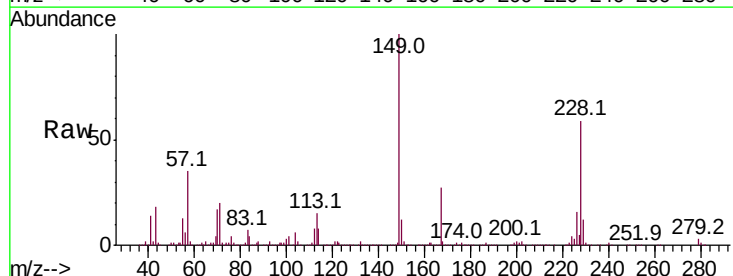
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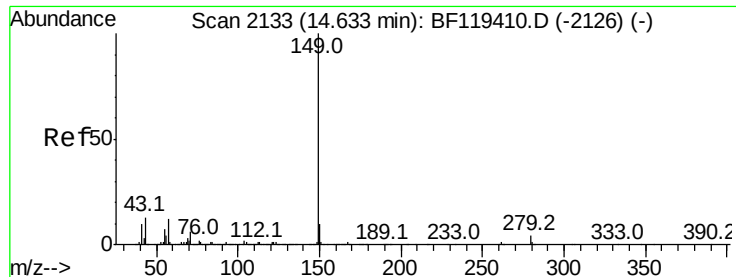
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.525 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF119710.D
 Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 45.538 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Instrument :

BNA_F

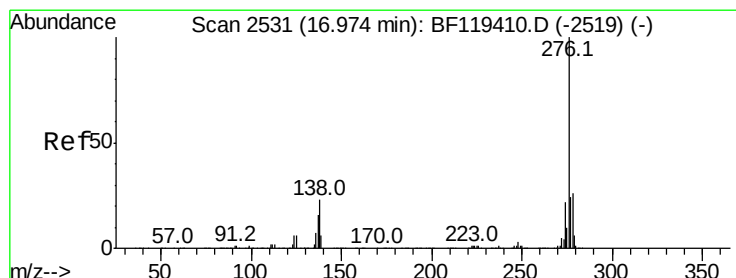
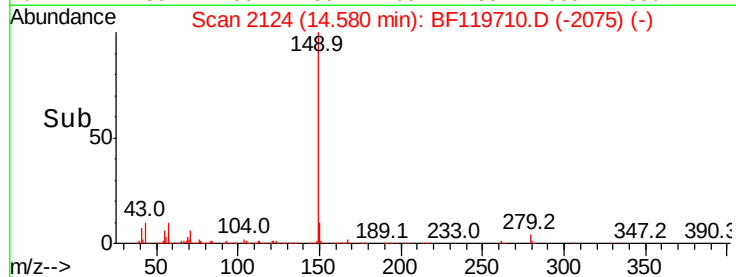
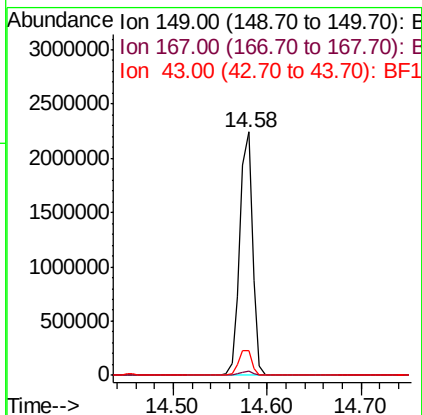
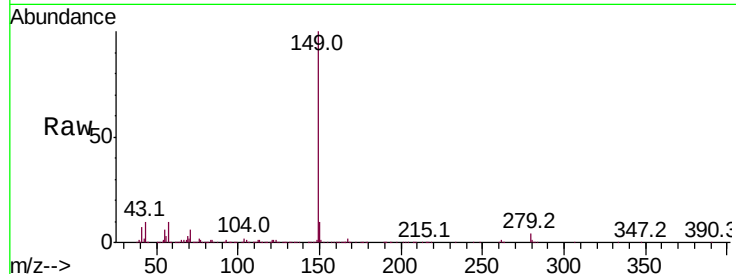
ClientSampleId :

PB127799BS

Tot Ion:	149	Resp:	2123269
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.490 ng

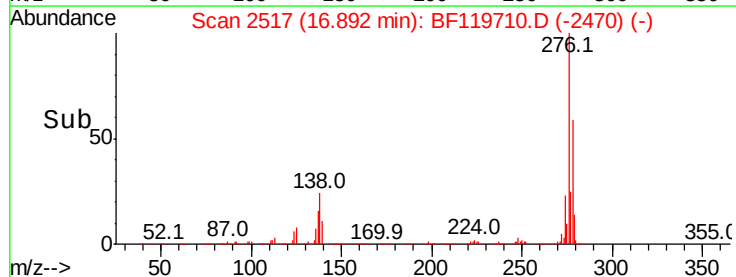
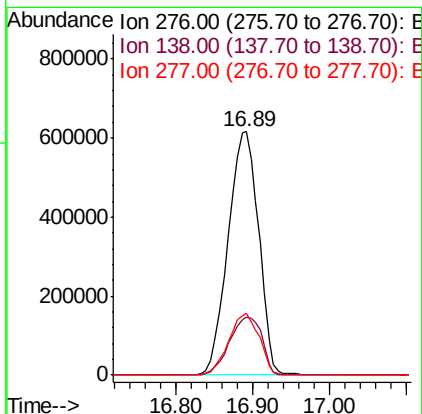
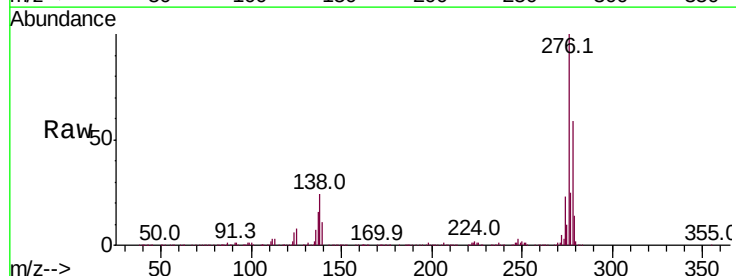
RT: 16.89 min Scan# 2517

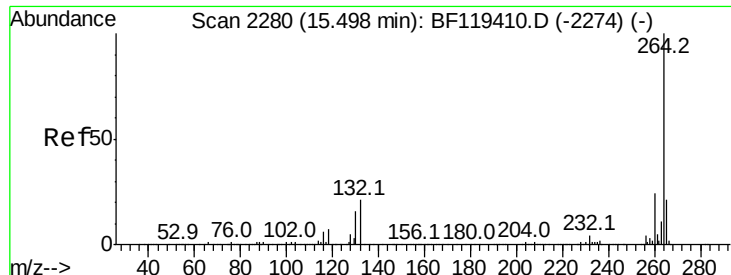
Delta R.T. -0.02 min

Lab File: BF119710.D

Acq: 3 Apr 2020 11:10

Tgt Ion:	276	Resp:	1714688
Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	25.2	20.0	30.0





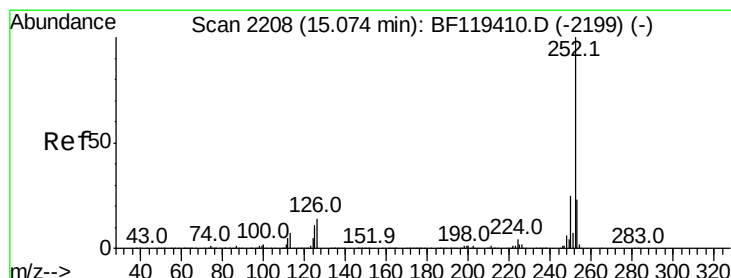
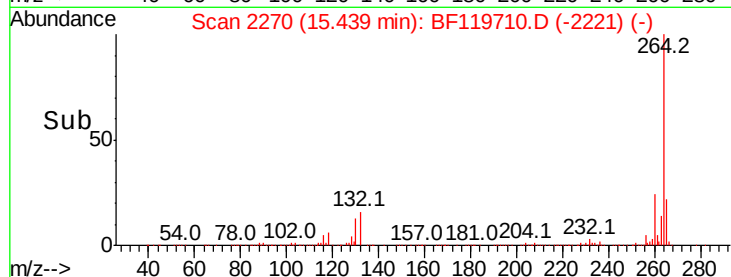
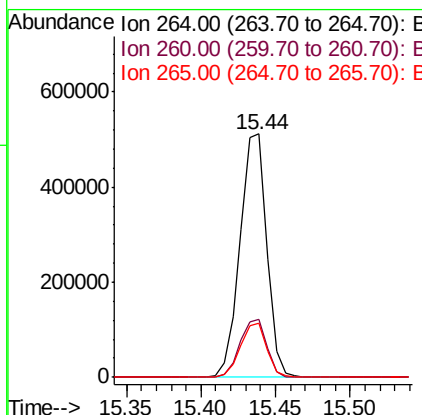
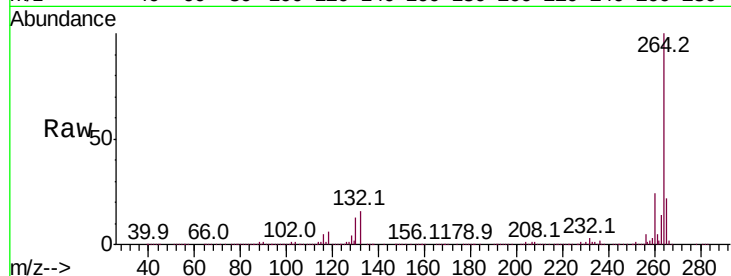
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.7	26.5

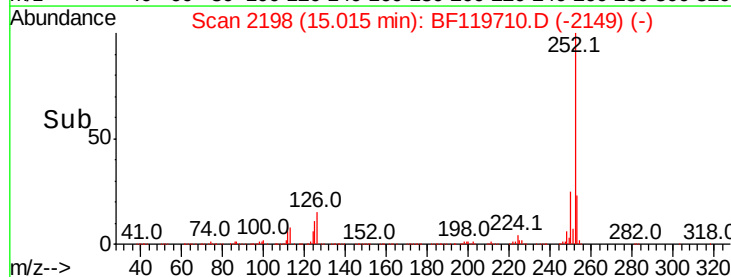
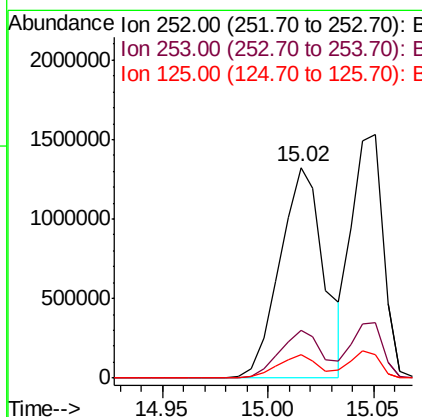
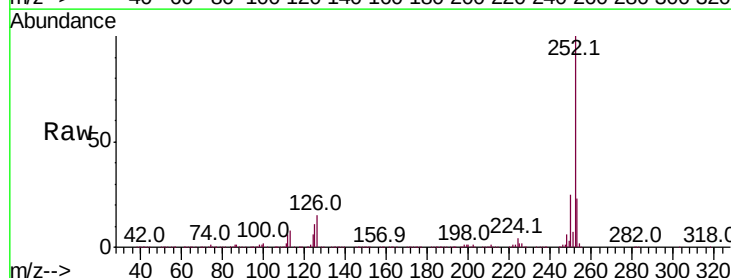
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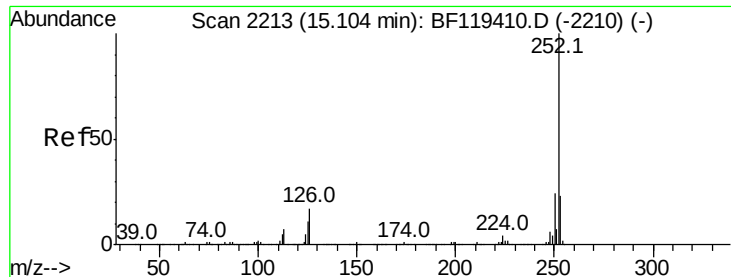
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.445 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.2	7.9	11.9





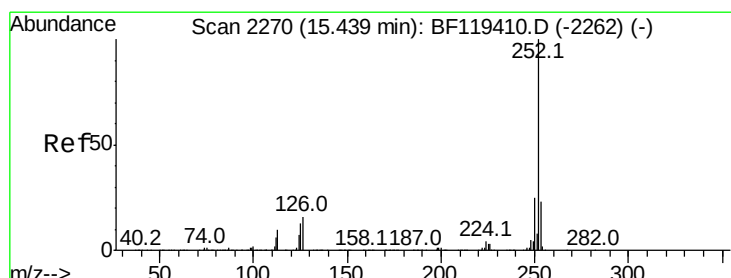
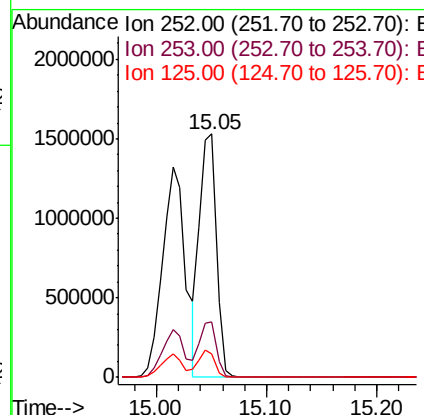
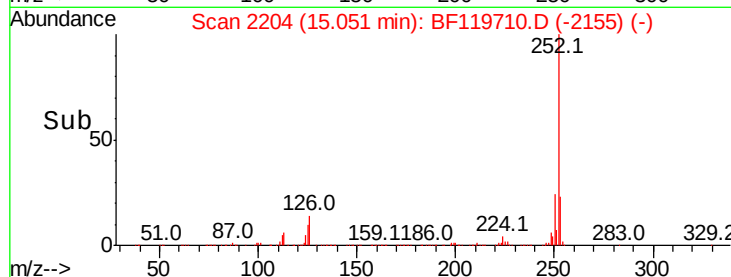
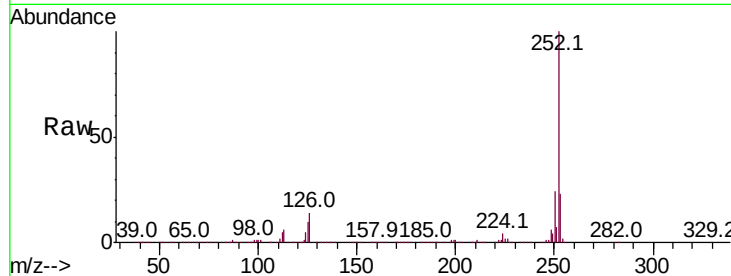
#89
Benzo(k)fluoranthene
Concen: 39.248 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:252 Resp: 1593318
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.8 8.4 12.6

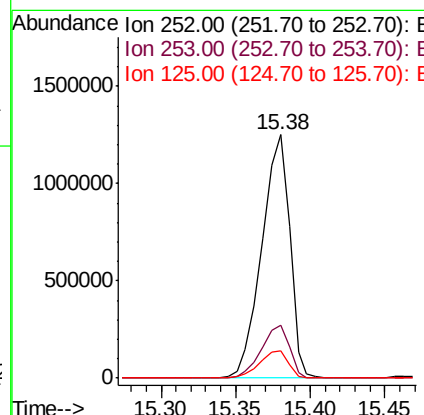
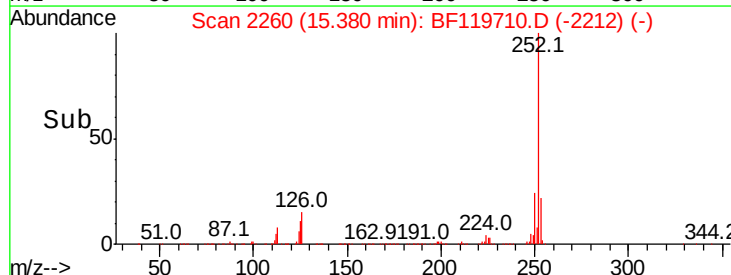
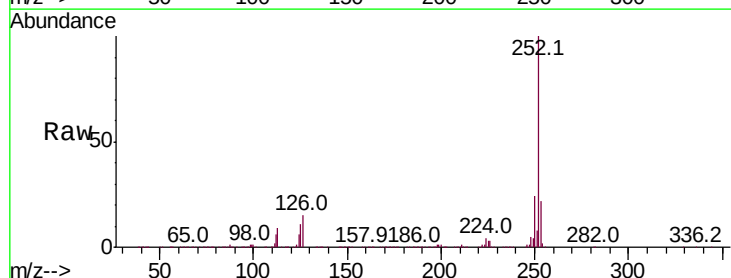
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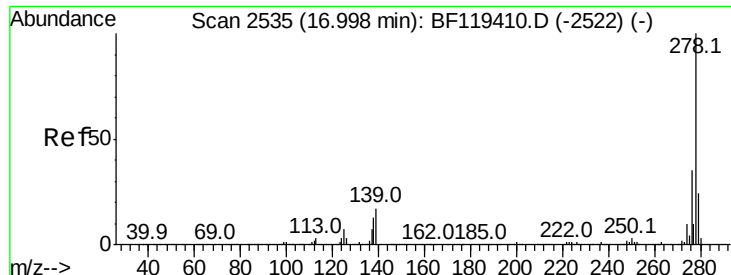
mohammad
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#90
Benzo(a)pyrene
Concen: 41.706 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion:252 Resp: 1615913
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.2 9.4 14.2





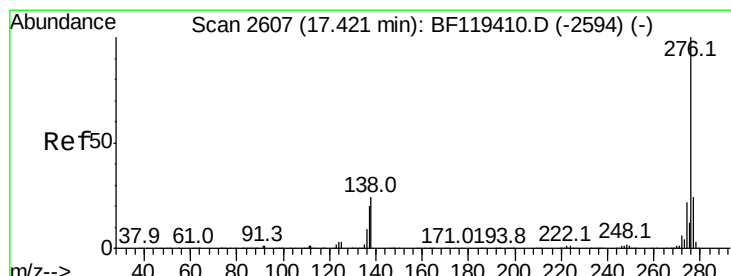
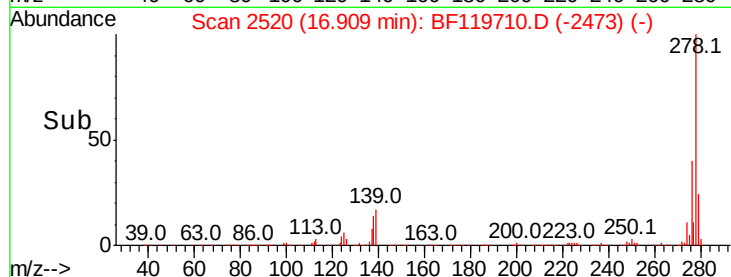
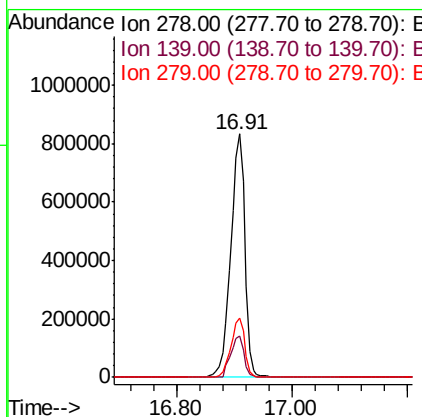
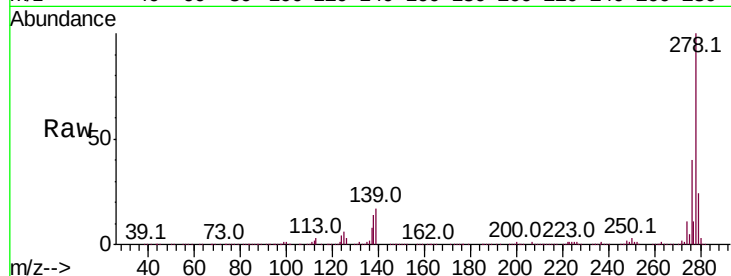
#91
Dibenzo(a,h)anthracene
Concen: 41.848 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.3	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 41.143 ng
RT: 17.33 min Scan# 2591
Delta R.T. -0.03 min
Lab File: BF119710.D
Acq: 3 Apr 2020 11:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	22.2	15.4	23.0

