

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119514.D
 Acq On : 25 Mar 2020 20:26
 Operator : CG/JU
 Sample : L2028-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Manual Integrations
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mohammad
 3/27/2020 8:12:02 AM

Quant Time: Mar 26 03:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	361647	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1415157	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	757197	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1462637	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	986811	20.00	ng	0.00
87) Perylene-d12	15.49	264	879772	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1993491	87.75	ng	0.00
7) Phenol-d6	6.47	99	2631526	90.68	ng	0.00
23) Nitrobenzene-d5	7.41	82	1646735	63.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	802263	102.70	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3207458	62.75	ng	-0.01
79) Terphenyl-d14	12.97	244	3517242	69.83	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.67	88	387115	34.502 ng	97
3) Pyridine	3.41	79	1083971	35.068 ng	97
4) n-Nitrosodimethylamine	3.37	42	622067	41.267 ng	98
6) Aniline	6.50	93	1316943	32.880 ng	99
8) 2-Chlorophenol	6.63	128	1208589	50.653 ng	99
9) Benzaldehyde	6.39	77	741731	40.290 ng	98
10) Phenol	6.49	94	1512874	48.857 ng	98
11) bis(2-Chloroethyl)ether	6.58	93	1158844	46.792 ng	99
12) 1,3-Dichlorobenzene	6.79	146	1197221	46.361 ng	99
13) 1,4-Dichlorobenzene	6.86	146	1216839	47.109 ng	100
14) 1,2-Dichlorobenzene	7.02	146	1137360	47.108 ng	98
15) Benzyl Alcohol	6.99	79	1015270	46.508 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2209924	44.239 ng	97
17) 2-Methylphenol	7.10	107	984179	45.019 ng	99
18) Hexachloroethane	7.36	117	476428	50.330 ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	859097	49.114 ng	94
20) 3+4-Methylphenols	7.25	107	1159273	43.269 ng	# 85
22) Acetophenone	7.26	105	1564237	46.259 ng	# 92
24) Nitrobenzene	7.43	77	1262118	45.355 ng	98
25) Isophorone	7.67	82	2430828	46.020 ng	98
26) 2-Nitrophenol	7.75	139	649226	59.254 ng	99
27) 2,4-Dimethylphenol	7.78	122	1108831	48.942 ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1519201	48.639 ng	98
29) 2,4-Dichlorophenol	7.99	162	1029587	49.459 ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1076914	46.778 ng	99
31) Naphthalene	8.15	128	3324696	45.653 ng	98
32) Benzoic acid	7.92	122	876590	60.150 ng	99
33) 4-Chloroaniline	8.20	127	519492	15.568 ng	96
34) Hexachlorobutadiene	8.27	225	630306	48.934 ng	98
35) Caprolactam	8.58	113	358266m	52.586 ng	
36) 4-Chloro-3-methylphenol	8.69	107	1109060	48.745 ng	99
37) 2-Methylnaphthalene	8.85	142	2351261	49.195 ng	99
38) 1-Methylnaphthalene	8.95	142	2224050	49.163 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	996703	44.909 ng	98

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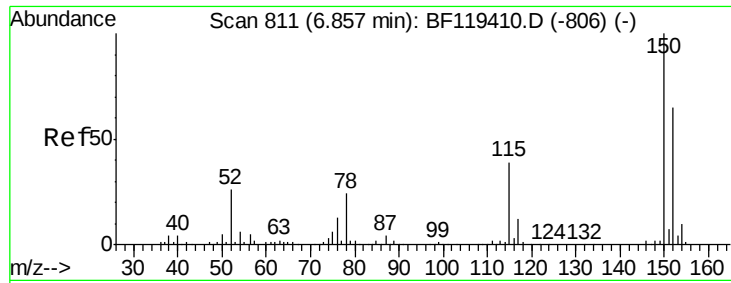
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1253262	99.327	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	787836	49.604	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	794820	44.673	nq	98
46) 1,1'-Biphenyl	9.32	154	2773413	44.972	nq	99
47) 2-Chloronaphthalene	9.34	162	2183781	45.207	nq	97
48) 2-Nitroaniline	9.43	65	794797	47.668	nq	95
49) Acenaphthylene	9.76	152	3363650	44.341	nq	98
50) Dimethylphthalate	9.62	163	2896404	53.852	nq	99
51) 2,6-Dinitrotoluene	9.67	165	599078	51.966	nq	97
52) Acenaphthene	9.93	154	2407278	50.903	nq	99
53) 3-Nitroaniline	9.84	138	344611	23.678	nq	98
54) 2,4-Dinitrophenol	9.95	184	630350	122.150	nq	95
55) Dibenzofuran	10.10	168	3024090	44.600	nq	96
56) 4-Nitrophenol	10.01	139	997487	86.878	nq	88
57) 2,4-Dinitrotoluene	10.08	165	789570	54.369	nq	# 87
58) Fluorene	10.45	166	2307533	46.021	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	674024	50.681	nq	98
60) Diethylphthalate	10.32	149	2668840	48.891	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	1138563	46.435	nq	99
62) 4-Nitroaniline	10.47	138	620719	44.475	nq	98
63) Azobenzene	10.60	77	2535118	46.118	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	412382	67.237	nq	98
66) n-Nitrosodiphenylamine	10.56	169	2196906	45.754	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	774435	46.492	nq	93
68) Hexachlorobenzene	10.99	284	831618	48.779	nq	# 92
69) Atrazine	11.09	200	663918	50.436	nq	99
70) Pentachlorophenol	11.19	266	936534	93.686	nq	98
71) Phenanthrene	11.40	178	3315168	43.712	nq	98
72) Anthracene	11.46	178	3428979	44.485	nq	98
73) Carbazole	11.61	167	3177448	41.647	nq	98
74) Di-n-butylphthalate	11.94	149	4068489	49.850	nq	# 97
75) Fluoranthene	12.59	202	3561078	43.386	nq	98
77) Benzidine	12.72	184	2033590	48.695	nq	98
78) Pyrene	12.83	202	3578542	44.187	nq	99
80) Butylbenzylphthalate	13.44	149	1826185	55.752	nq	99
81) Benzo(a)anthracene	14.02	228	2786243	43.419	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	806437	31.873	nq	96
83) Chrysene	14.05	228	2858450	43.162	nq	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2365234	60.574	nq	99
85) Di-n-octyl phthalate	14.62	149	4121696	60.019	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2627590	42.127	nq	97
88) Benzo(b)fluoranthene	15.06	252	2986200	50.813	nq	100
89) Benzo(k)fluoranthene	15.10	252	2430380	43.431	nq	98
90) Benzo(a)pyrene	15.43	252	2397035	44.881	nq	98
91) Dibenzo(a,h)anthracene	16.98	278	2198711	47.067	nq	99
92) Benzo(g,h,i)perylene	17.41	276	2144448	45.694	nq	95

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



#1

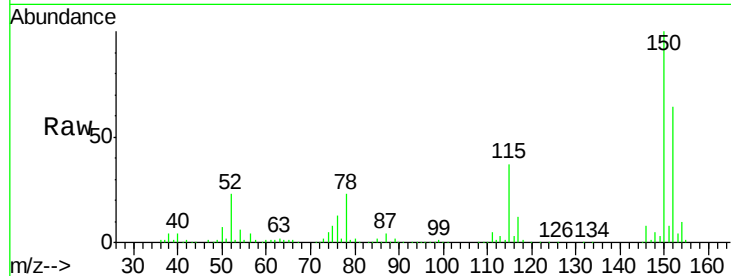
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.9	185.9
115	57.3	47.8	71.6

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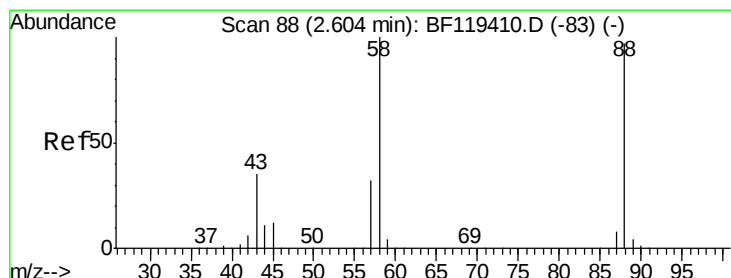
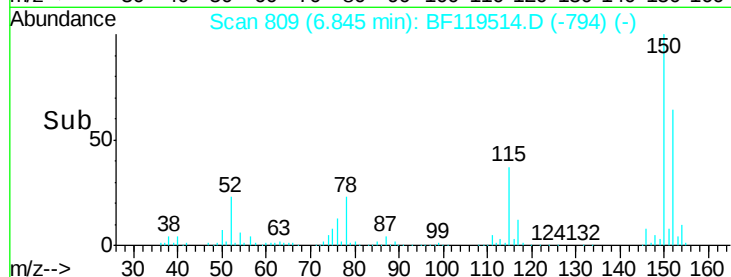
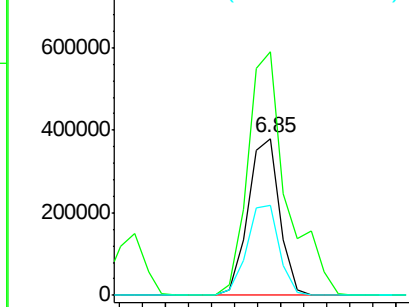


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

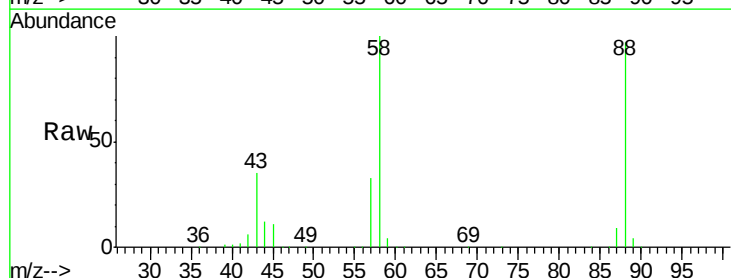
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.502 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.7	79.4	119.2
43	36.0	28.4	42.6

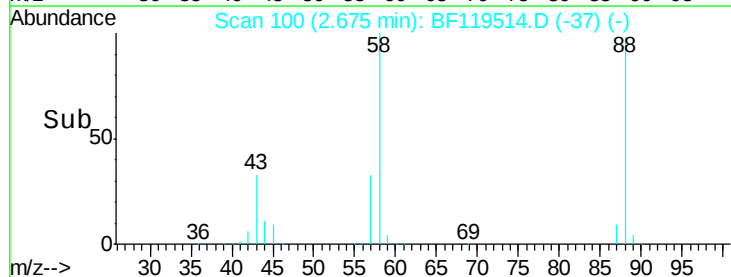
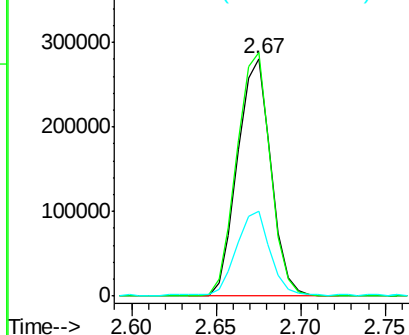


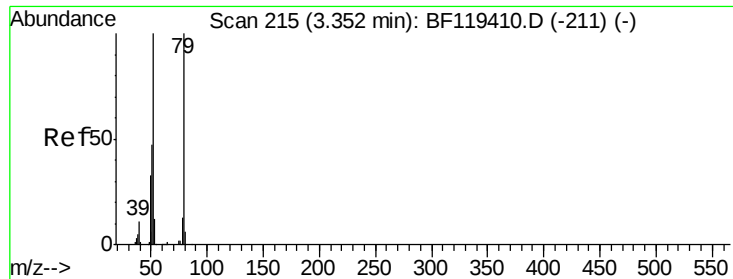
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.068 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.06 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion: 79 Resp: 1083971

Ion Ratio Lower Upper

79 100

52 97.6 80.0 120.0

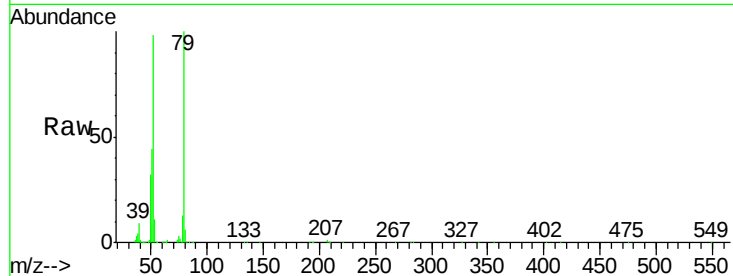
51 44.5 37.9 56.9

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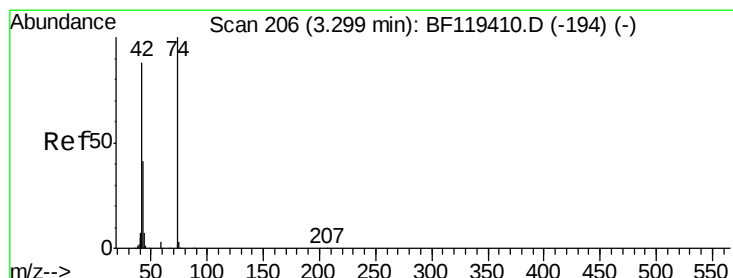
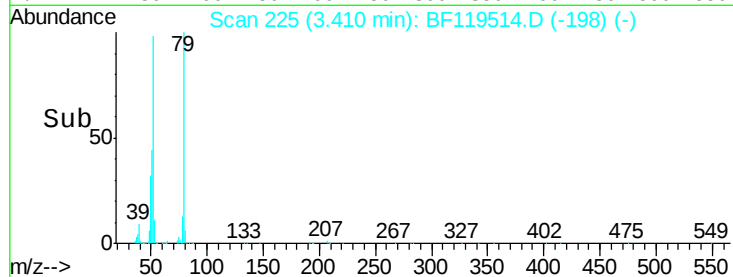
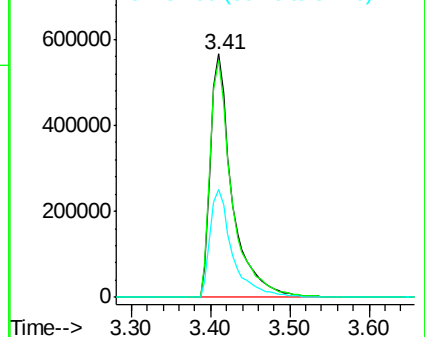
3/27/2020 8:12:02 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.267 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.07 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

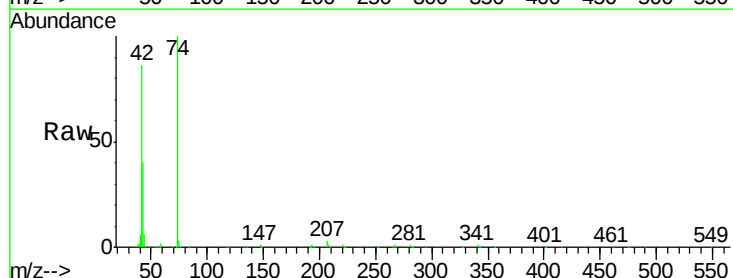
Tgt Ion: 42 Resp: 622067

Ion Ratio Lower Upper

42 100

74 115.8 91.3 136.9

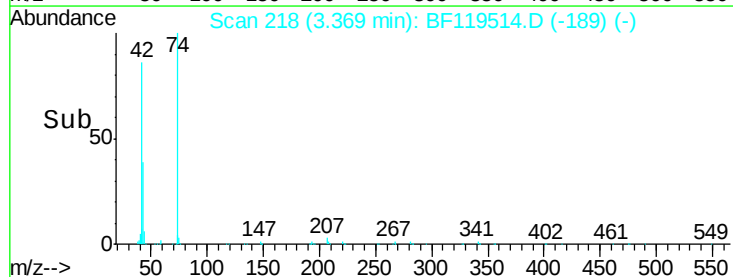
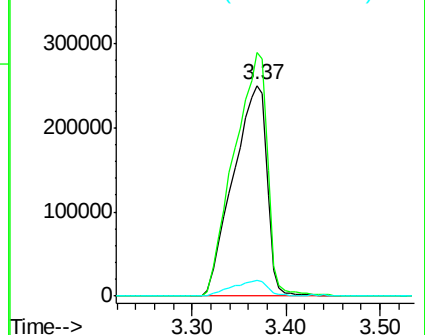
44 7.5 7.1 10.7

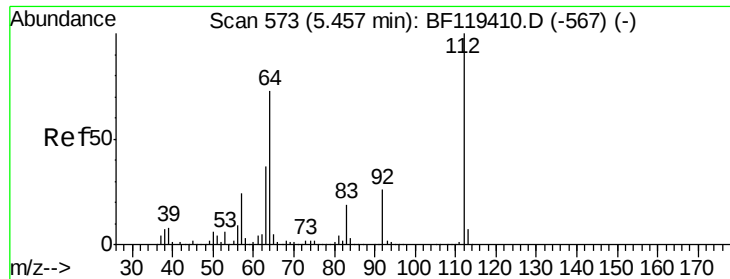


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.750 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:112 Resp: 1993491

Ion Ratio Lower Upper

112 100

64 71.1 58.1 87.1

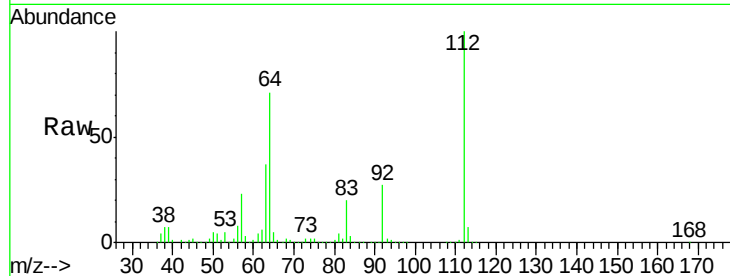
63 37.3 29.7 44.5

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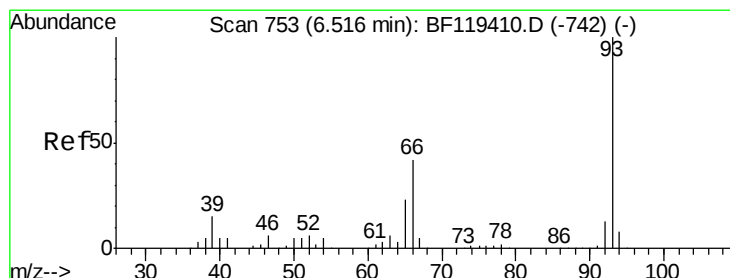
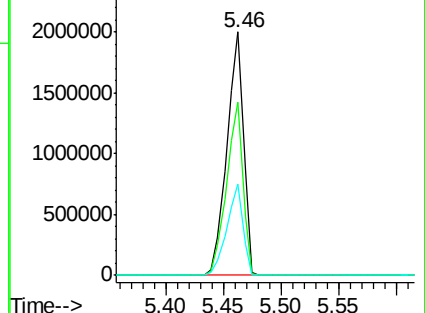
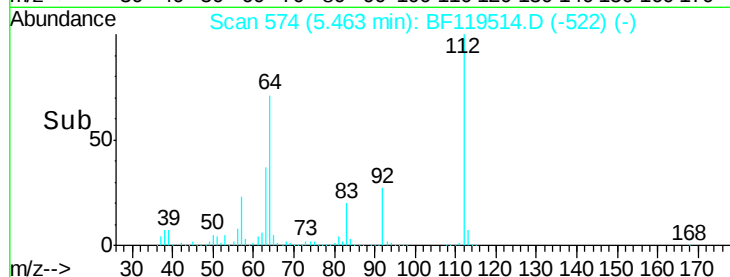
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.880 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

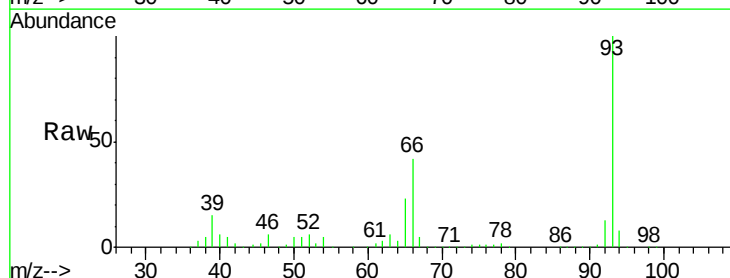
Tgt Ion: 93 Resp: 1316943

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

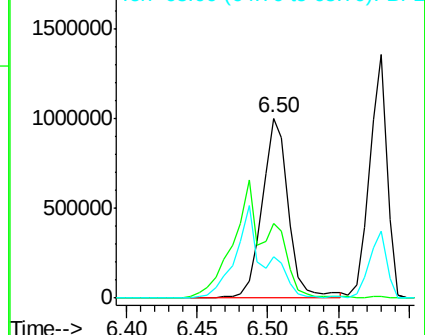
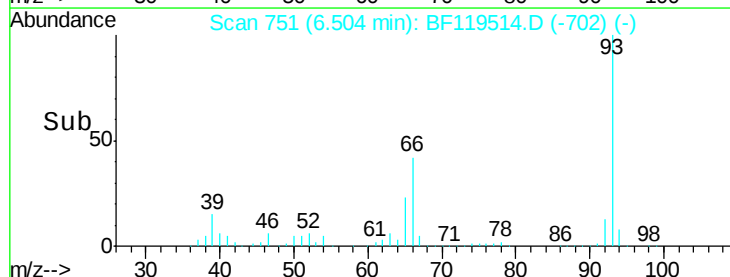
65 22.8 18.2 27.4

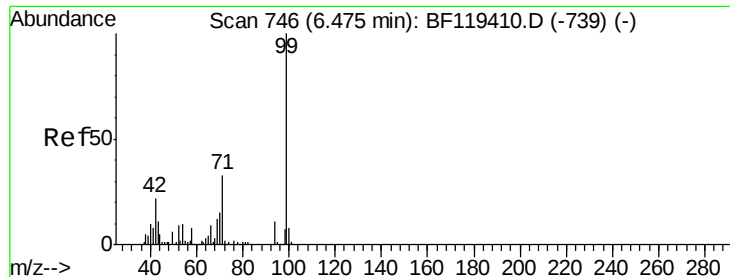


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.678 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion: 99 Resp: 2631526

Ion Ratio Lower Upper

99 100

42 20.8 17.8 26.6

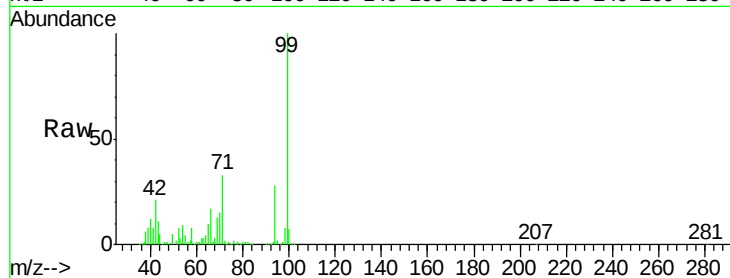
71 33.2 26.0 39.0

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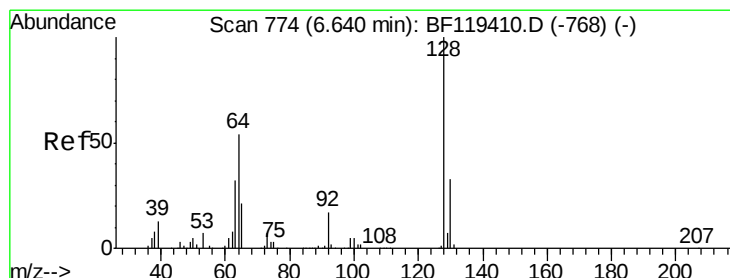
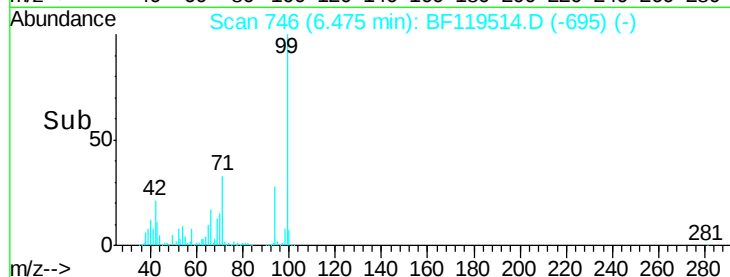
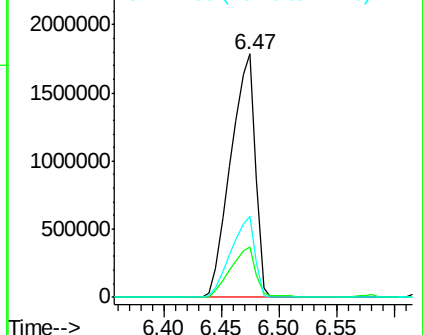
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.653 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

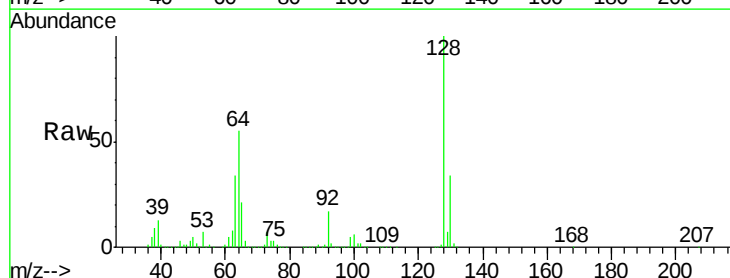
Tgt Ion:128 Resp: 1208589

Ion Ratio Lower Upper

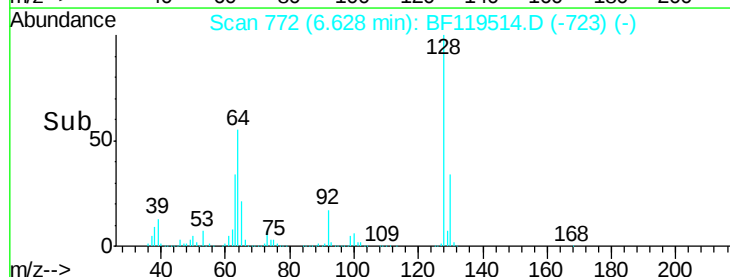
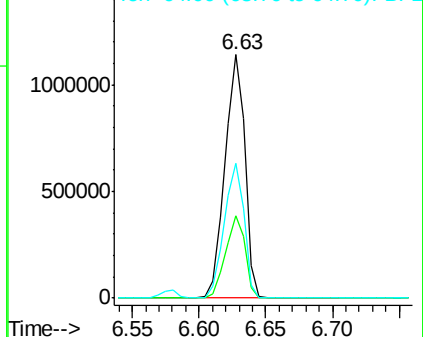
128 100

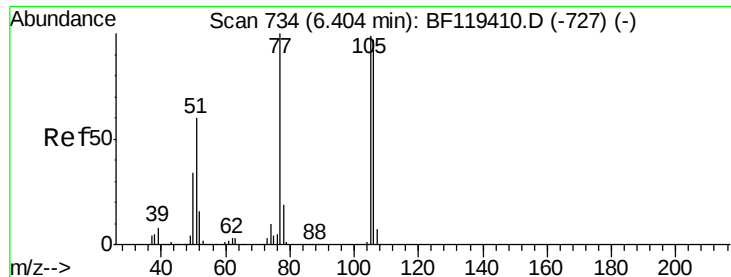
130 33.6 13.0 53.0

64 55.3 35.1 75.1



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





#9

Benzaldehyde

Concen: 40.290 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

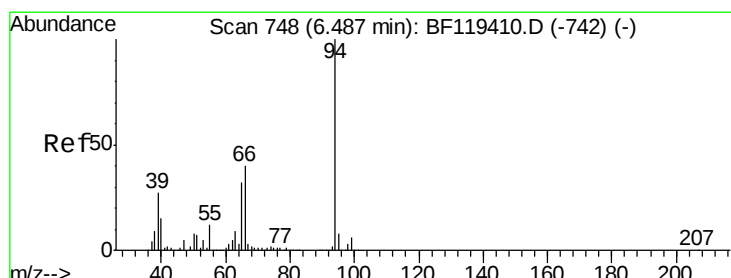
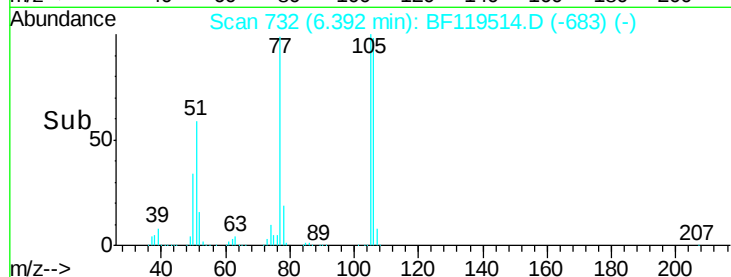
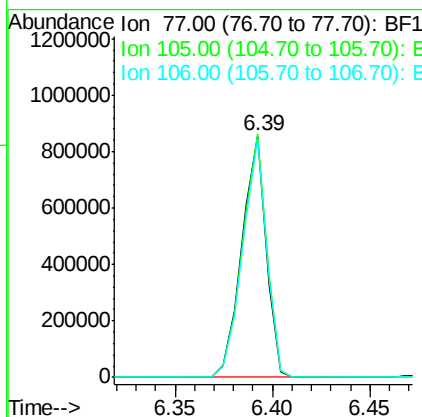
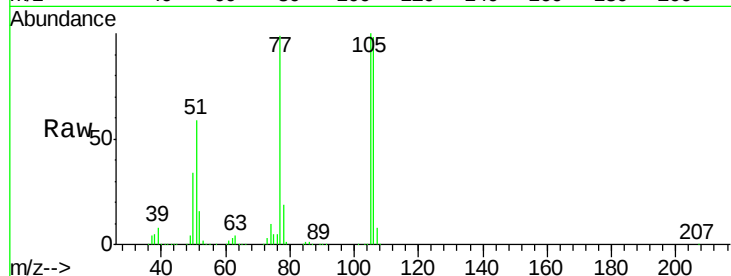
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:	77	Resp:	741731
Ion Ratio	Lower	Upper	
77	100		
105	100.7	78.6	118.6
106	98.5	76.5	116.5

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#10

Phenol

Concen: 48.857 ng

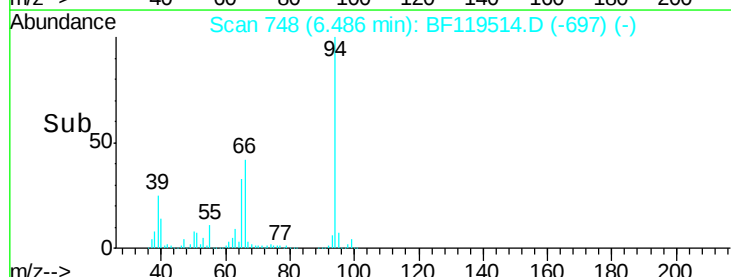
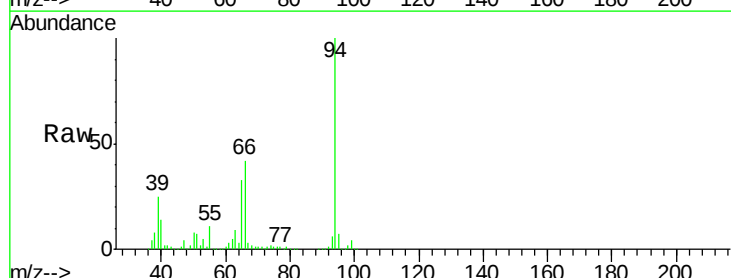
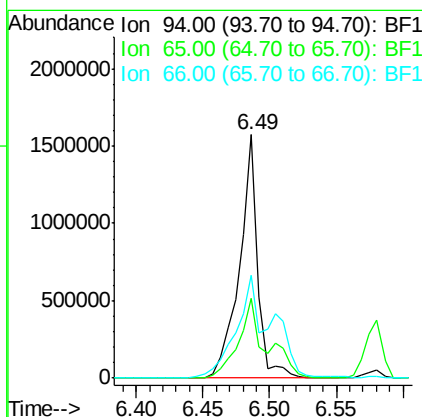
RT: 6.49 min Scan# 748

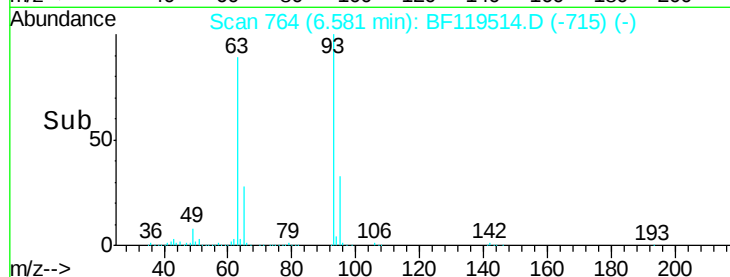
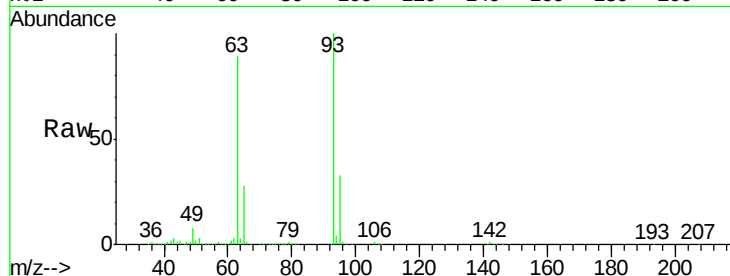
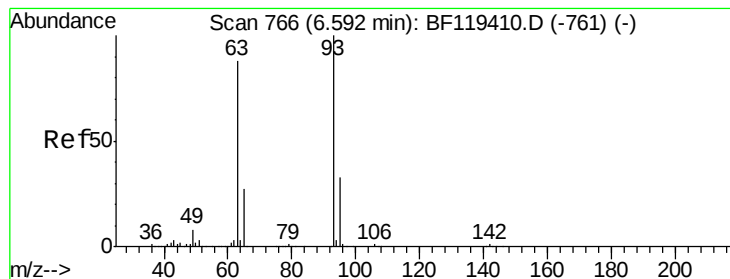
Delta R.T. -0.00 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion:	94	Resp:	1512874
Ion Ratio	Lower	Upper	
94	100		
65	32.7	12.0	52.0
66	42.1	20.6	60.6





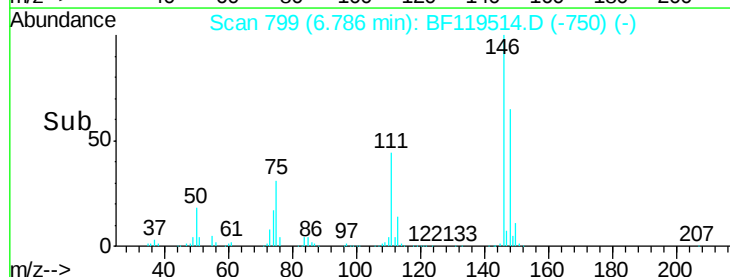
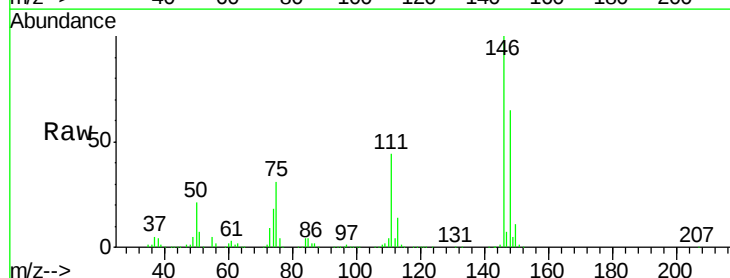
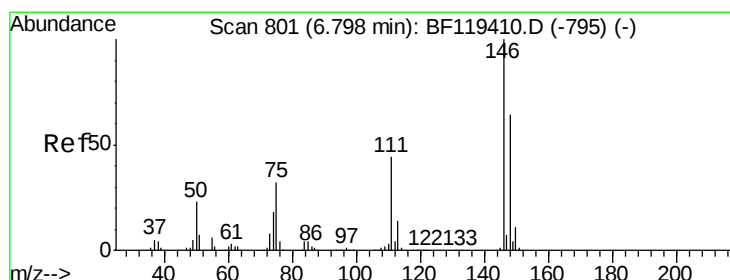
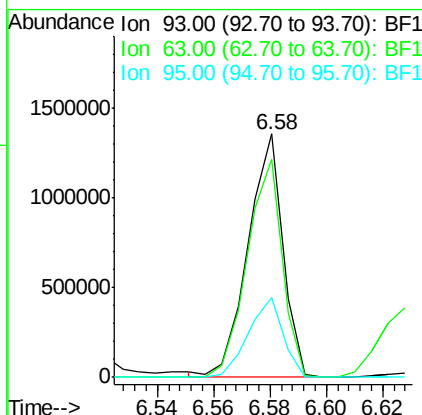
#11
bis(2-Chloroethyl)ether
Concen: 46.792 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tot Ion: 93 Resp: 1158844
Ion Ratio Lower Upper
93 100
63 89.4 68.4 108.4
95 33.0 13.4 53.4

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

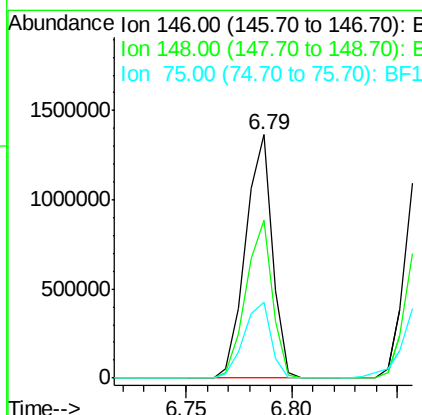
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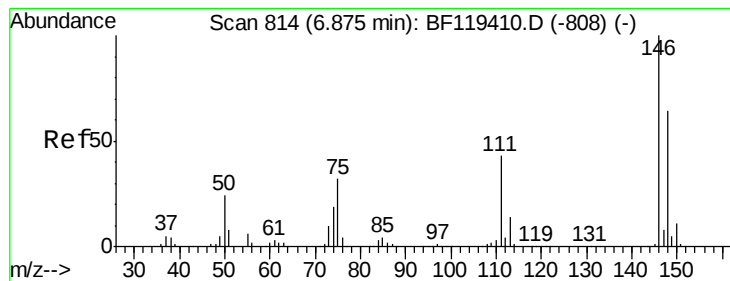
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.361 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion: 146 Resp: 1197221
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 31.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 47.109 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:146 Resp: 1216839

Ion Ratio Lower Upper

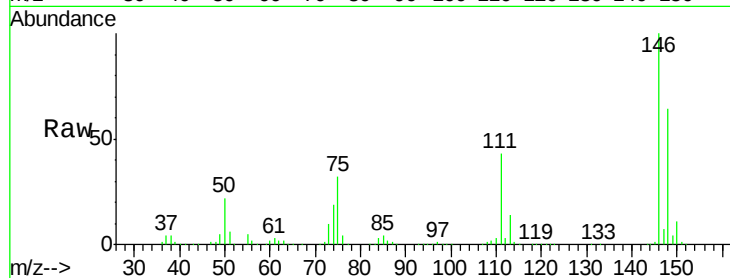
146 100

148 63.5 50.9 76.3

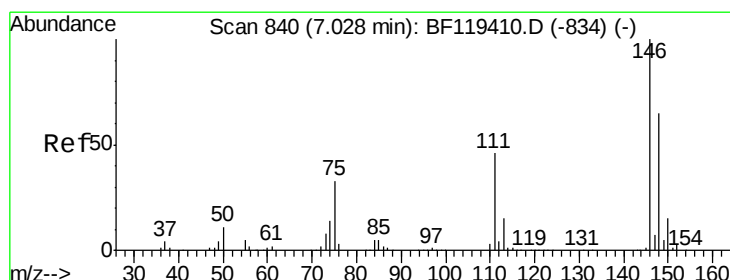
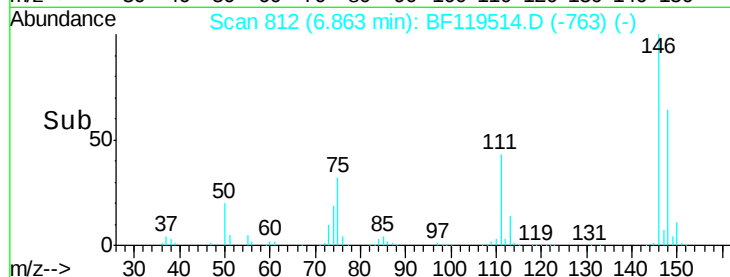
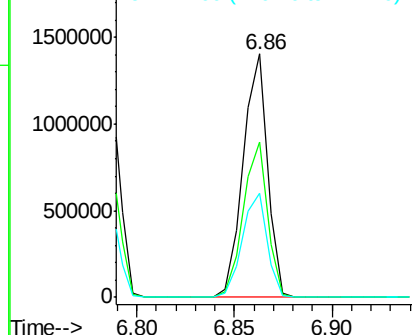
111 42.6 34.6 52.0

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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: 47.108 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

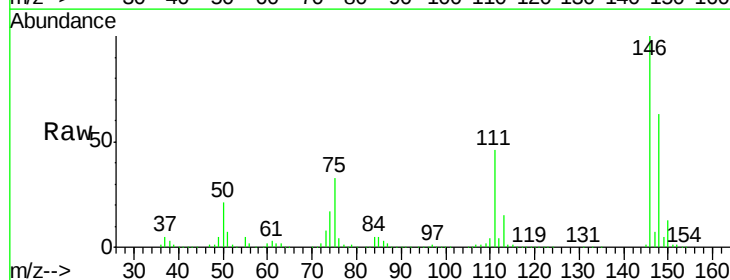
Tgt Ion:146 Resp: 1137360

Ion Ratio Lower Upper

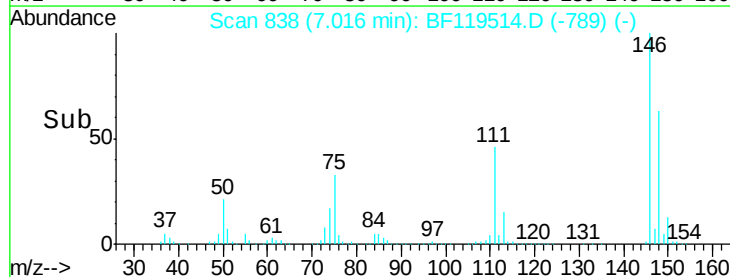
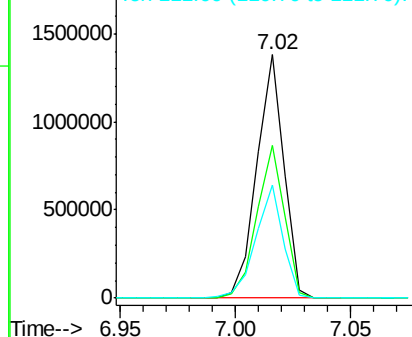
146 100

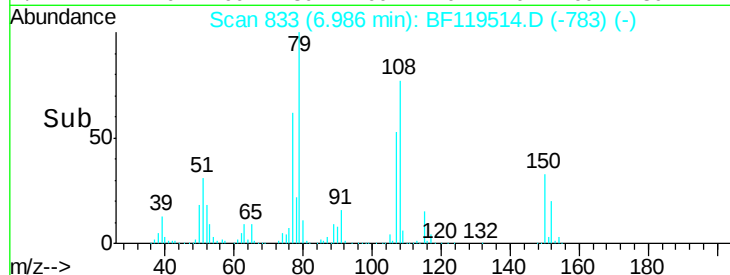
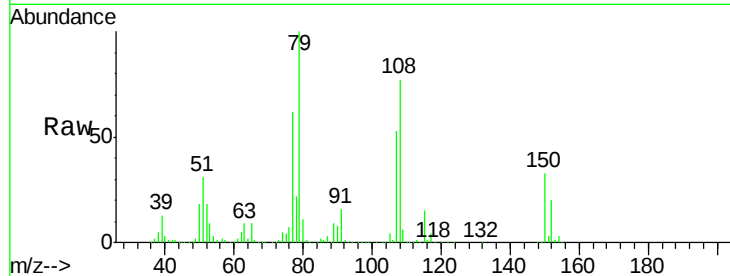
148 63.0 51.7 77.5

111 46.5 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





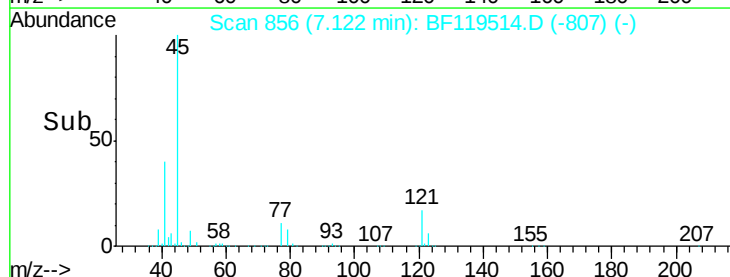
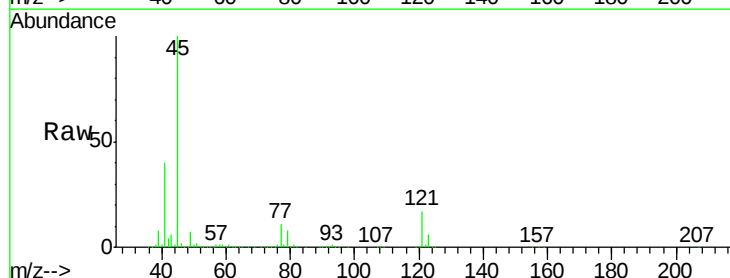
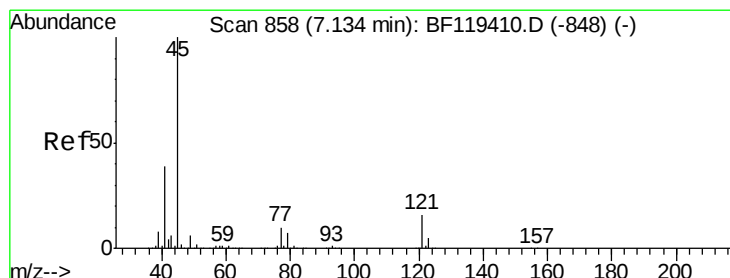
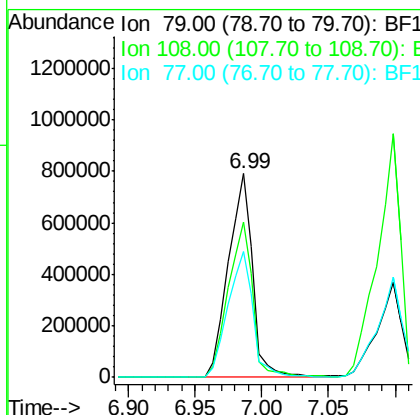
#15
Benzyl Alcohol
Concen: 46.508 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tot Ion: 79 Resp: 1015270
Ion Ratio Lower Upper
79 100
108 76.7 60.4 90.6
77 62.1 49.0 73.4

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

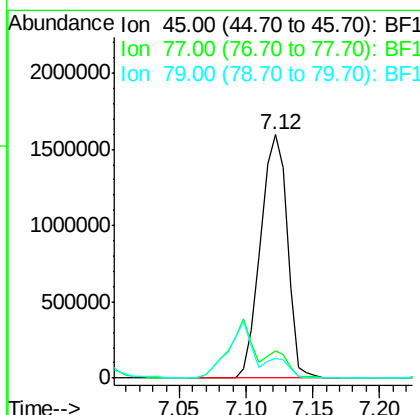
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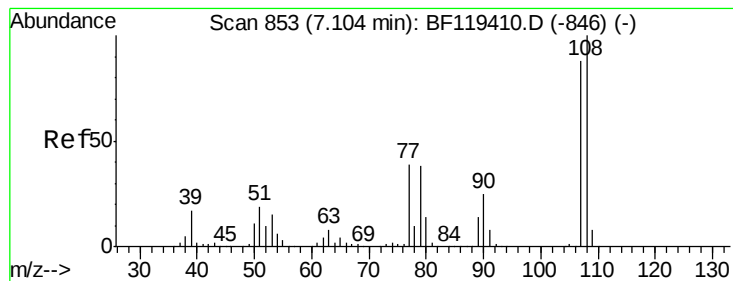
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.239 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion: 45 Resp: 2209924
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.1
79 8.3 0.0 27.4





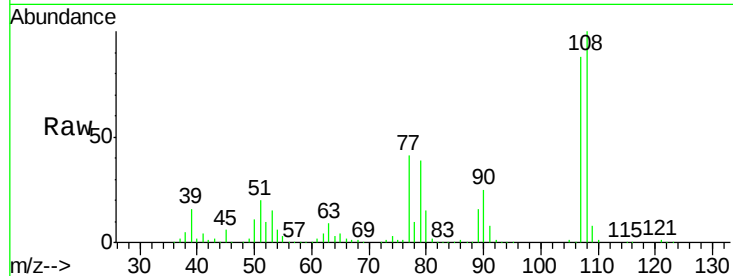
#17
2-Methylphenol
Concen: 45.019 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:	107	Resp:	984179
Ion Ratio	Lower	Upper	
107	100		
108	113.3	90.7	136.1
77	46.9	35.6	53.4
79	44.5	34.7	52.1

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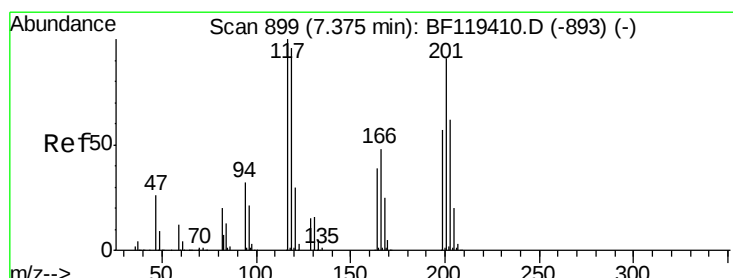
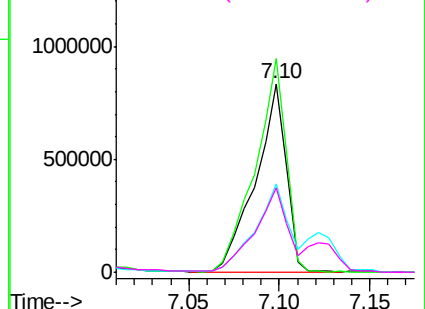
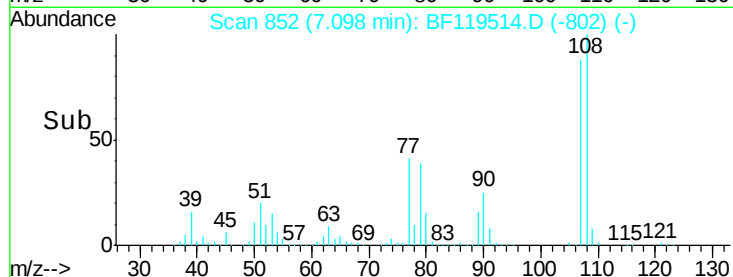
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

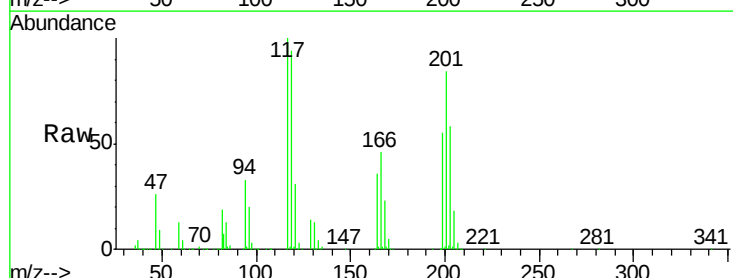
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 50.330 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:	117	Resp:	476428
Ion Ratio	Lower	Upper	
117	100		
119	94.2	76.8	115.2
201	84.4	72.5	108.7

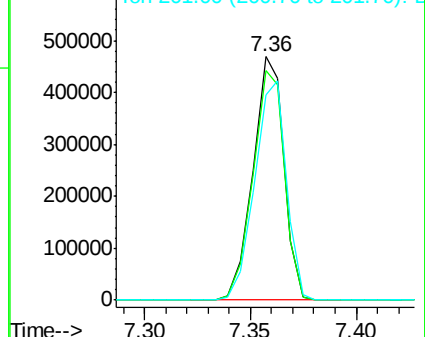
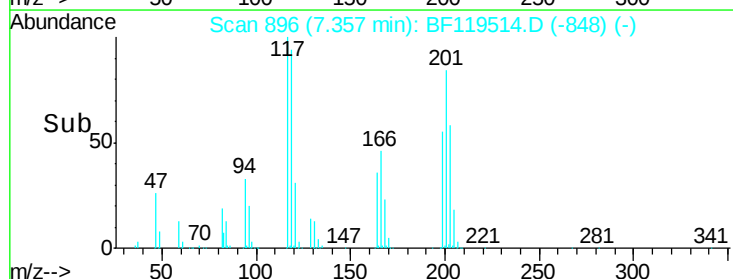


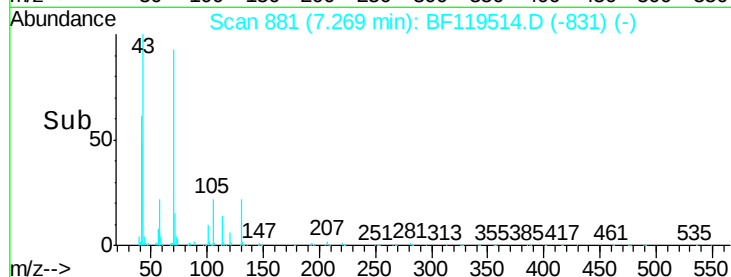
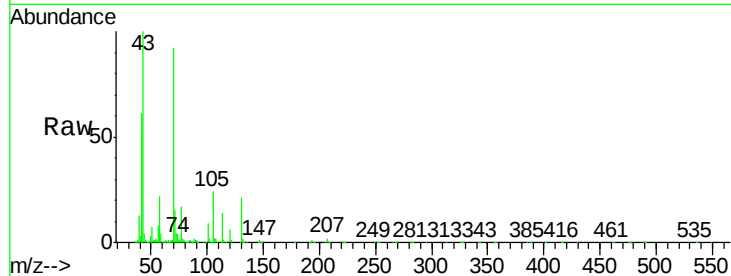
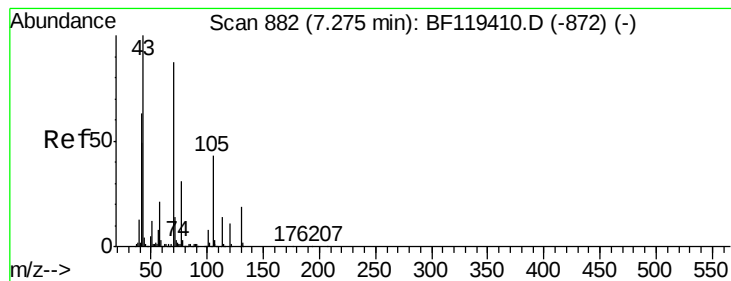
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.114 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion: 70 Resp: 859097

Ion Ratio Lower Upper

70 100

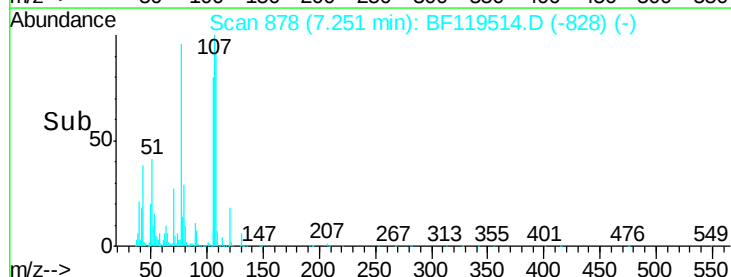
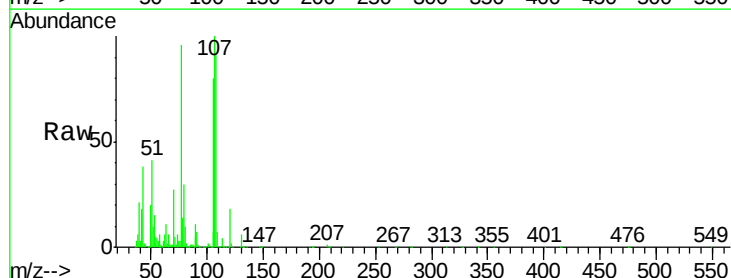
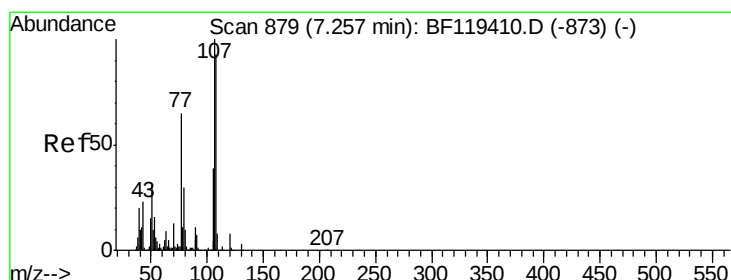
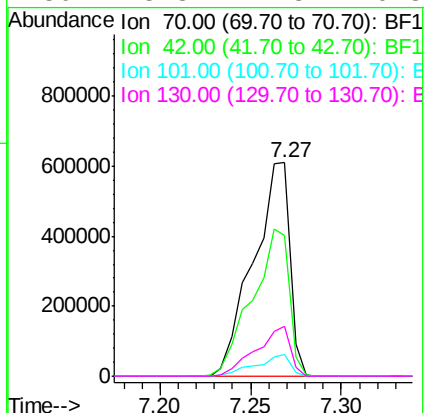
42 66.1 58.2 87.4

101 10.2 7.4 11.2

130 23.3 17.8 26.8

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#20

3+4-Methylphenols

Concen: 43.269 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion: 107 Resp: 1159273

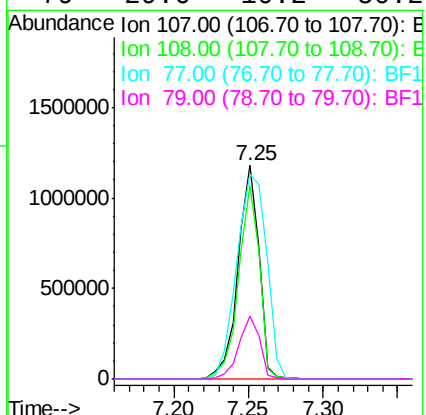
Ion Ratio Lower Upper

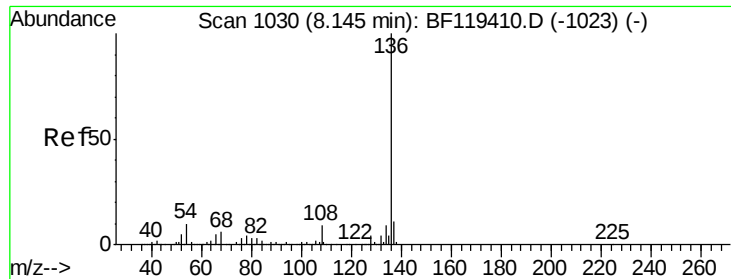
107 100

108 90.7 72.6 112.6

77 95.6 44.7 84.7#

79 29.6 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

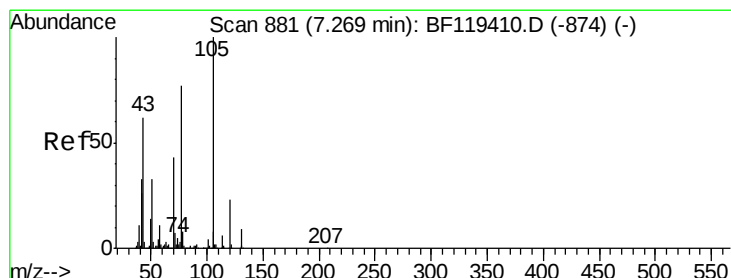
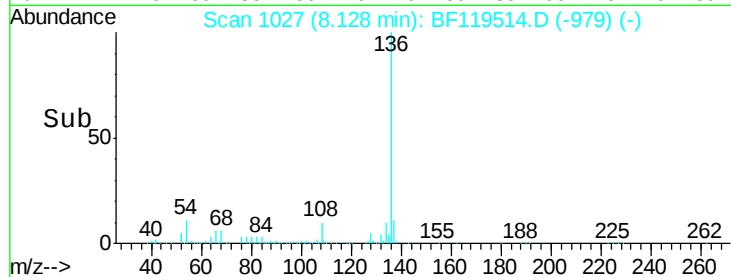
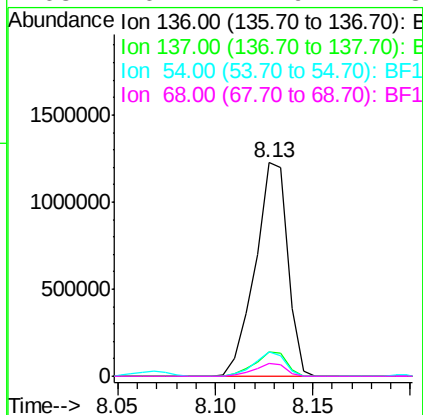
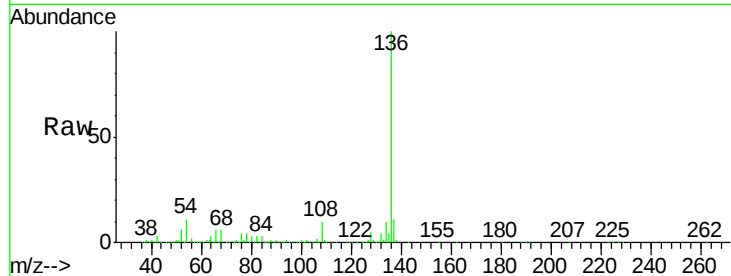
ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion	136	Resp	1415157
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.5	8.3	12.5
68	6.1	4.9	7.3

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#22

Acetophenone

Concen: 46.259 ng

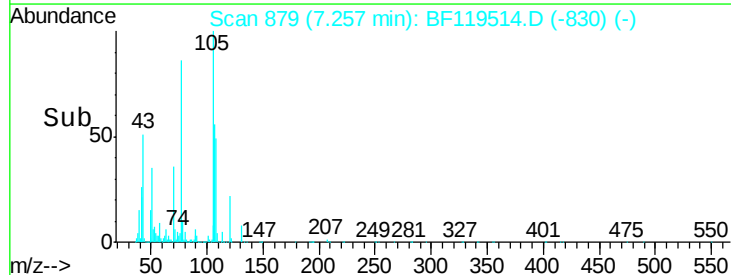
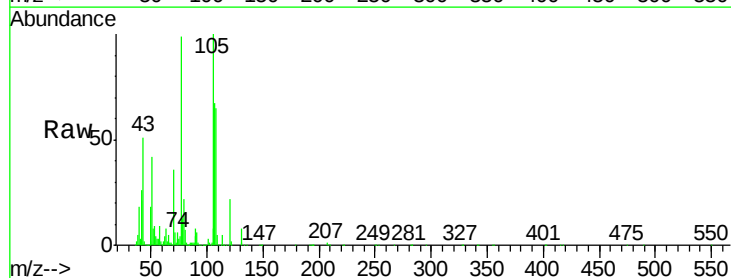
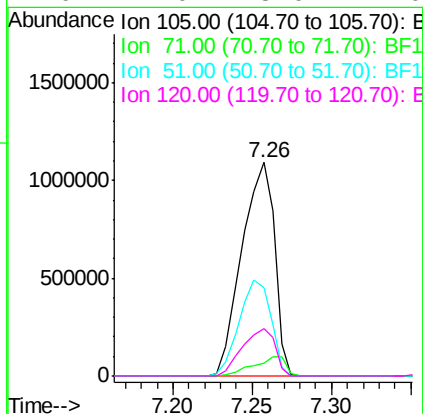
RT: 7.26 min Scan# 879

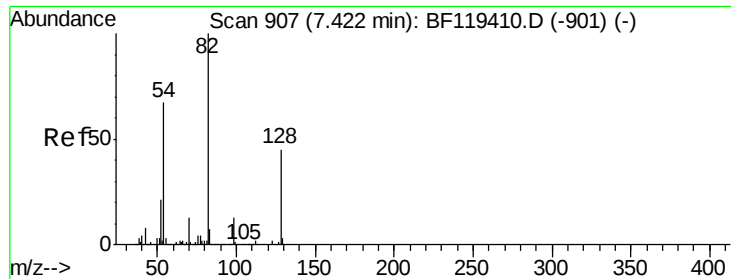
Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion	105	Resp	1564237
Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.8	8.6
51	41.6	26.8	40.2#
120	22.0	18.0	27.0





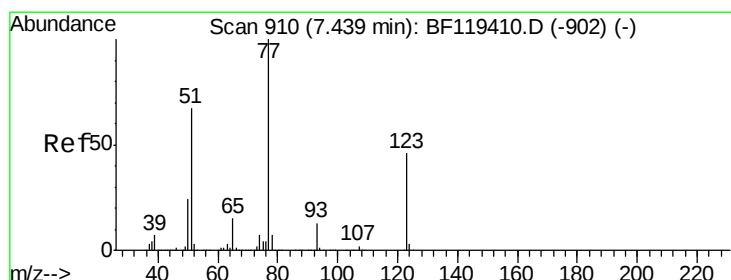
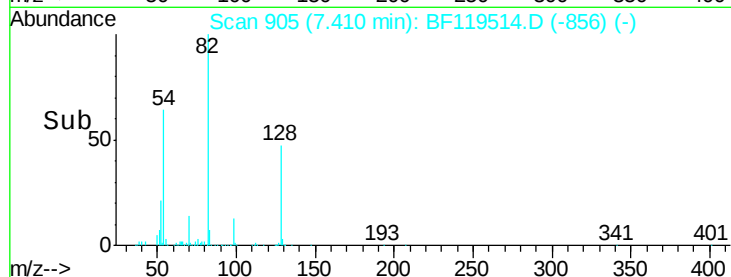
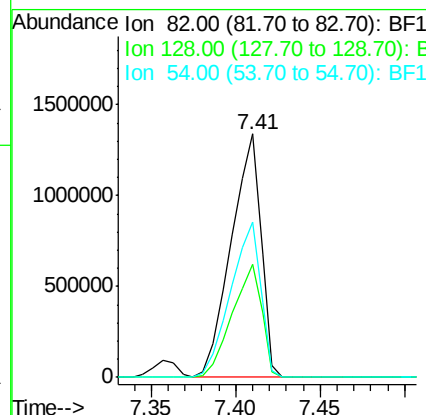
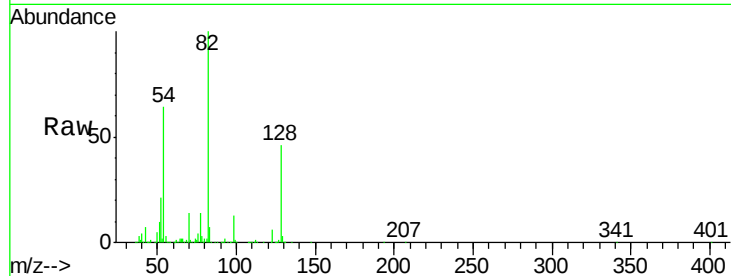
#23
 Nitrobenzene-d5
 Concen: 63.241 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion: 82 Resp: 1646735
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.8 53.8
 54 63.8 53.4 80.0

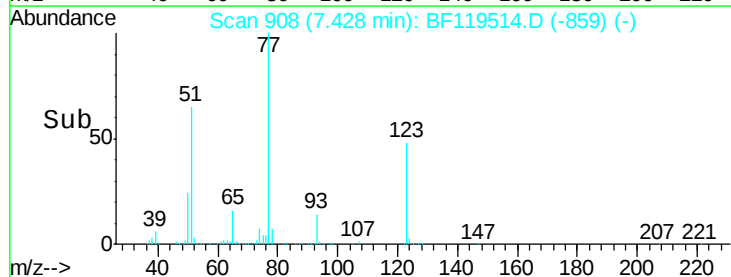
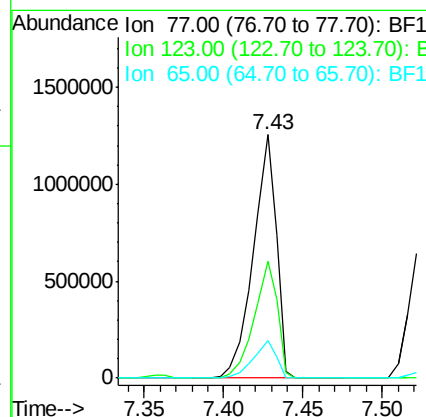
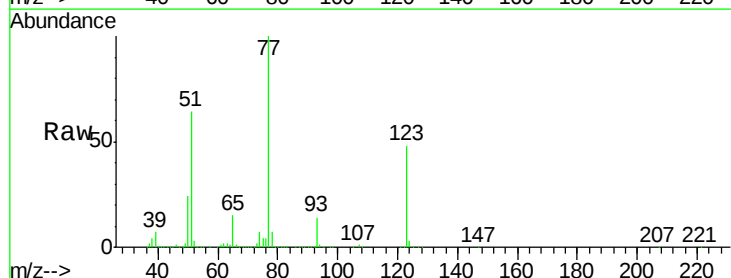
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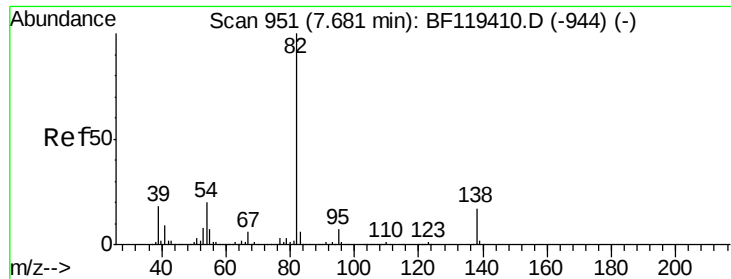
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#24
 Nitrobenzene
 Concen: 45.355 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion: 77 Resp: 1262118
 Ion Ratio Lower Upper
 77 100
 123 48.1 36.9 55.3
 65 15.4 12.2 18.4





#25

Isophorone

Concen: 46.020 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion: 82 Resp: 2430828

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

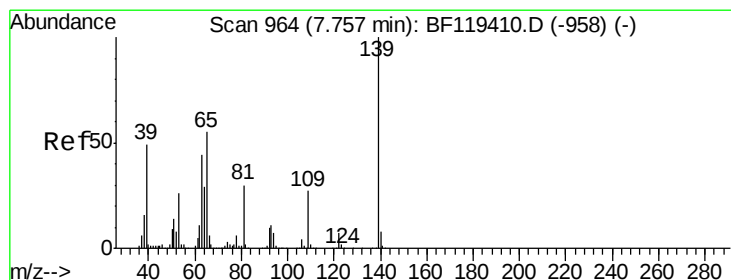
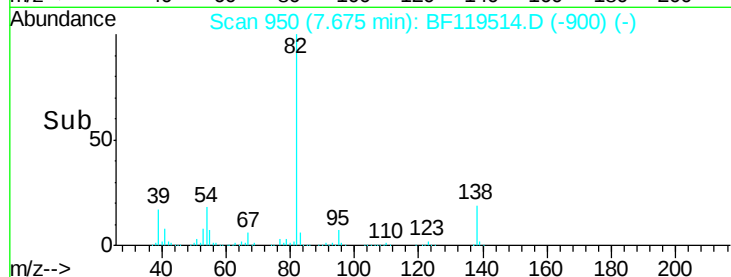
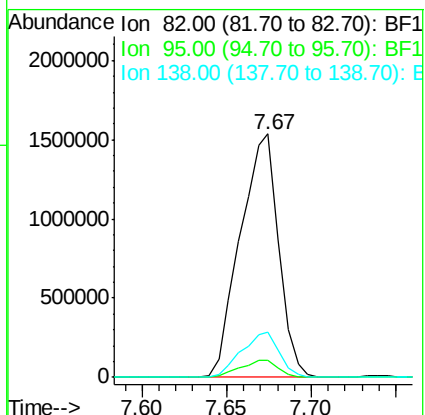
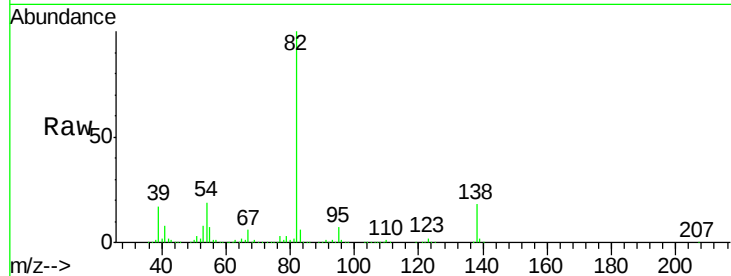
138 18.3 13.8 20.8

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#26

2-Nitrophenol

Concen: 59.254 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

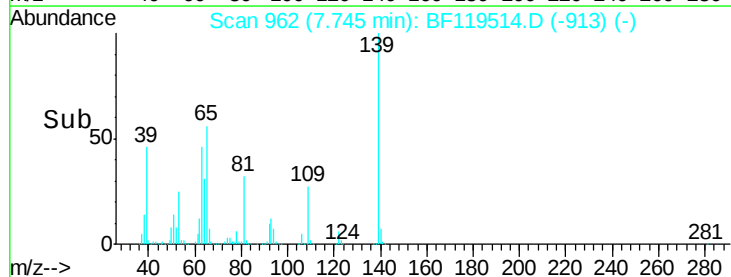
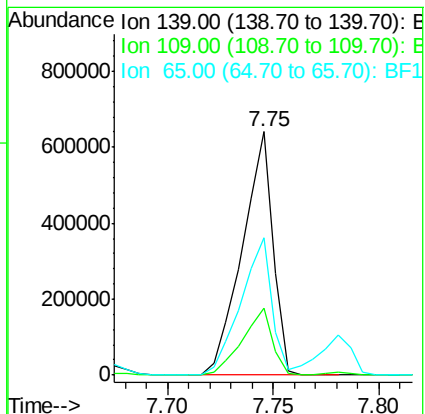
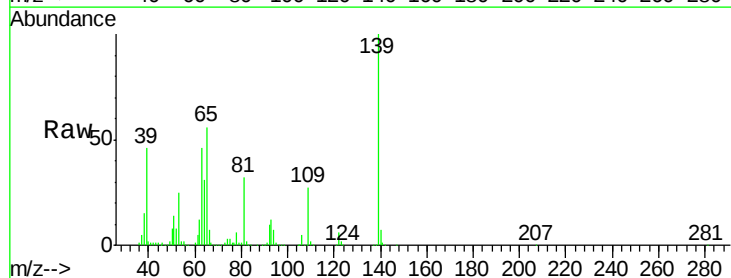
Tgt Ion: 139 Resp: 649226

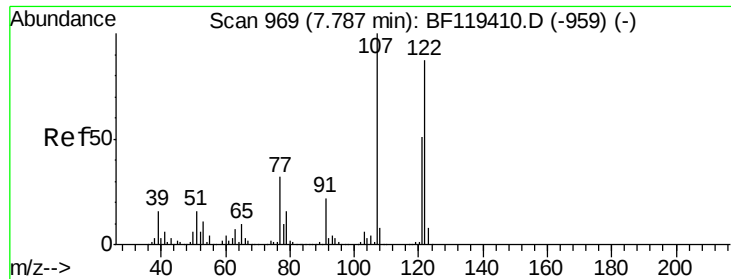
Ion Ratio Lower Upper

139 100

109 27.3 21.7 32.5

65 56.2 43.9 65.9





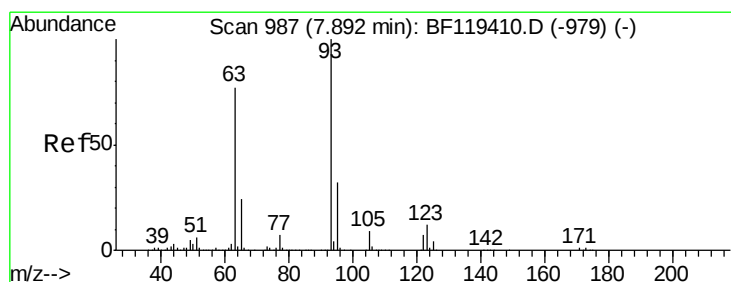
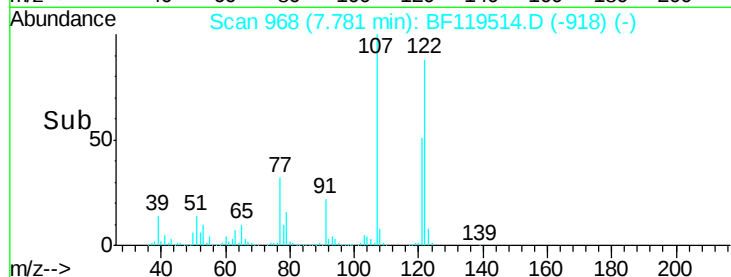
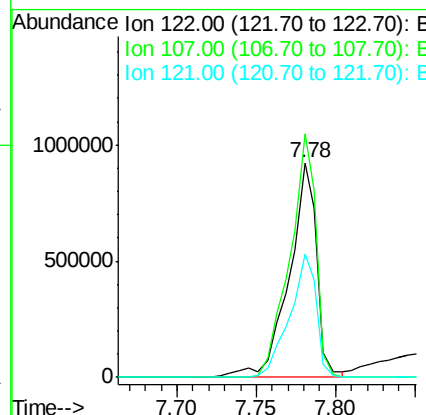
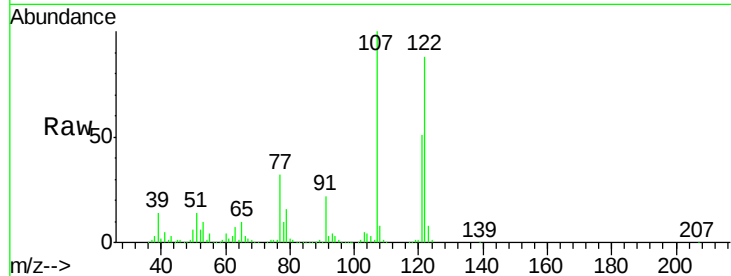
#27
2,4-Dimethylphenol
Concen: 48.942 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.8	137.6
121	57.4	46.5	69.7

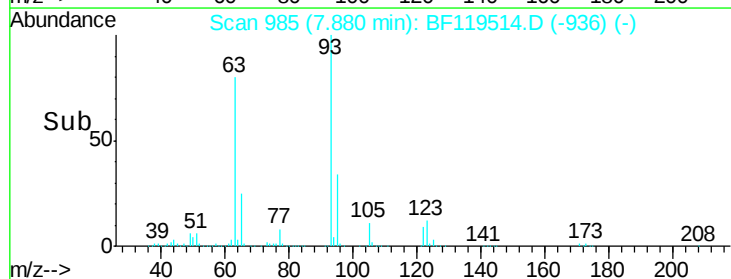
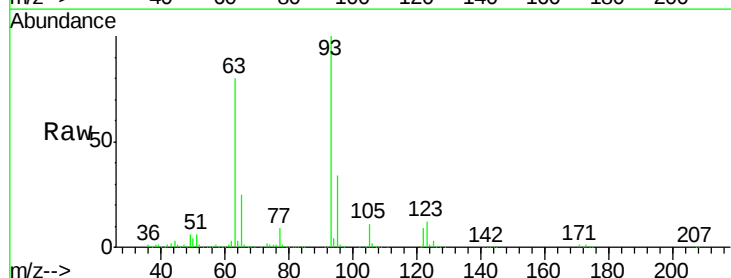
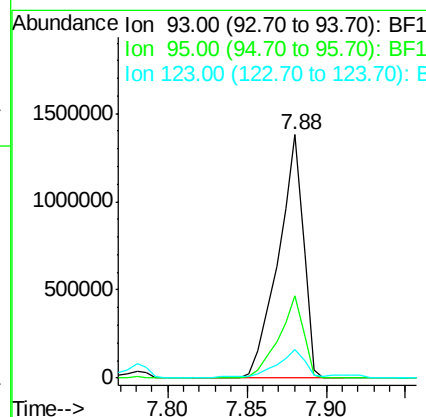
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#28
bis(2-Chloroethoxy)methane
Concen: 48.639 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.0	39.0
123	12.0	9.7	14.5





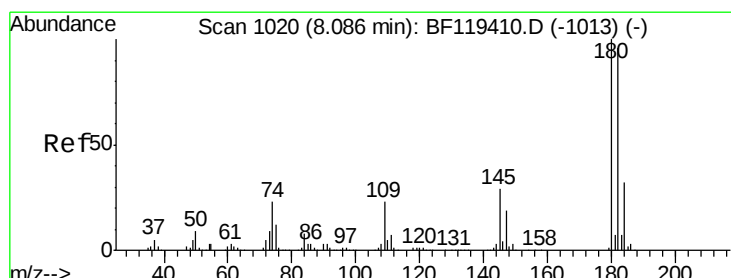
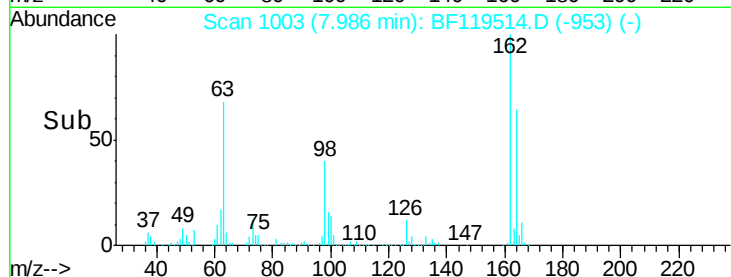
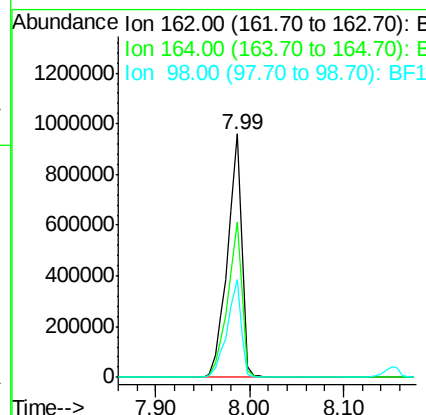
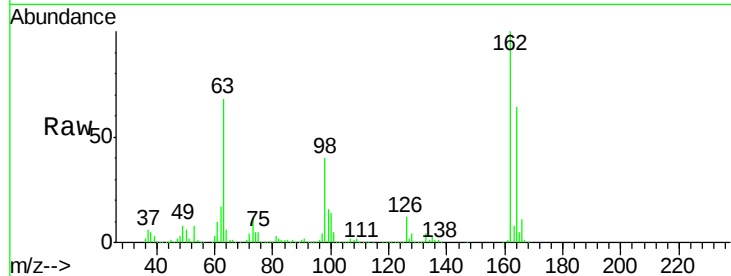
#29
2,4-Dichlorophenol
Concen: 49.459 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	40.0	20.4	60.4

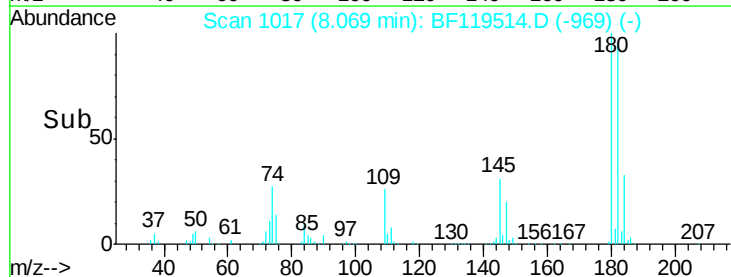
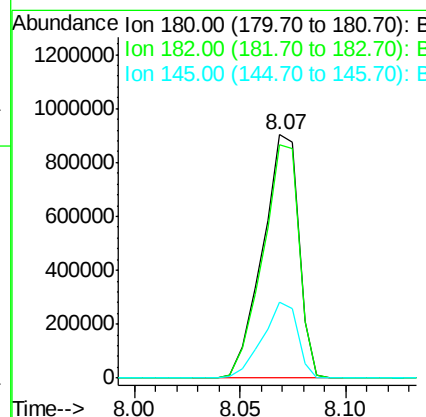
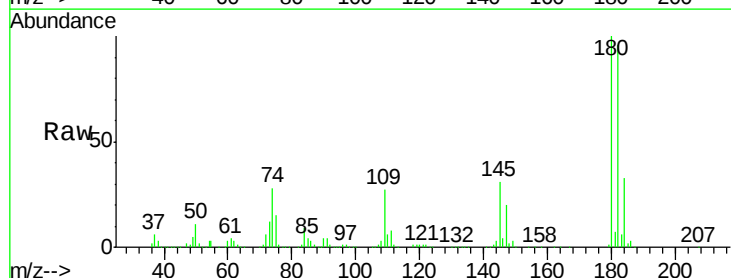
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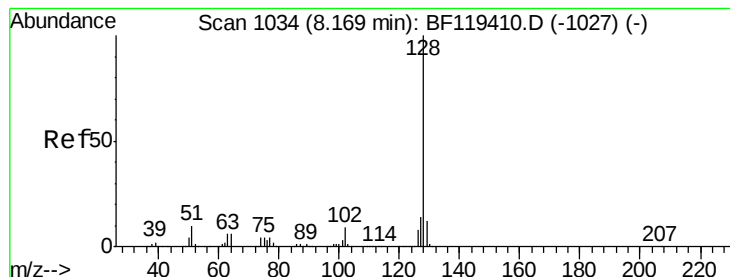
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.778 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	115.0
145	31.2	23.2	34.8





#31

Naphthalene

Concen: 45.653 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:128 Resp: 3324696

Ion Ratio Lower Upper

128 100

129 12.4 9.3 13.9

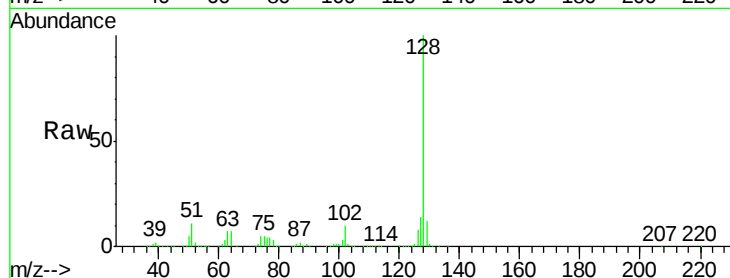
127 14.3 11.0 16.4

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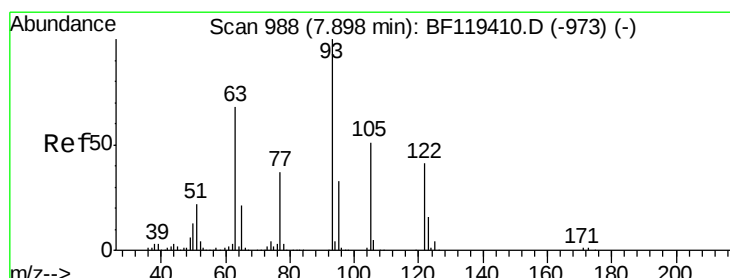
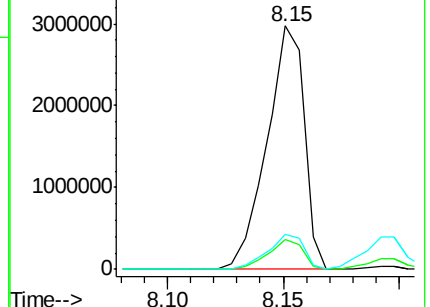
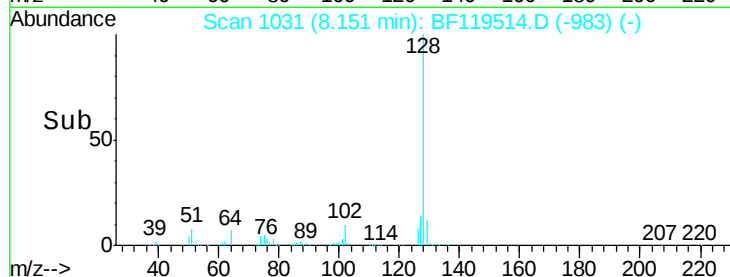
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.150 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

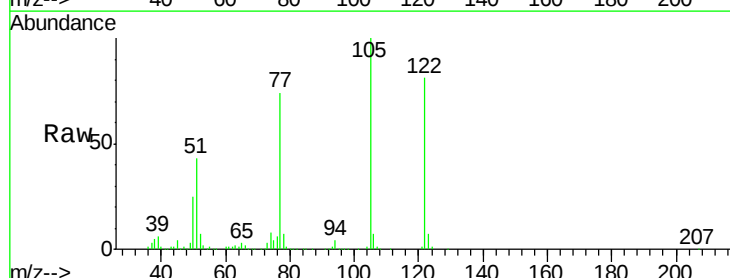
Tgt Ion:122 Resp: 876590

Ion Ratio Lower Upper

122 100

105 124.0 102.9 142.9

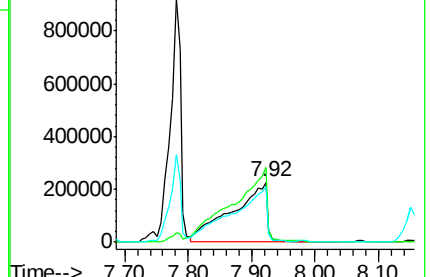
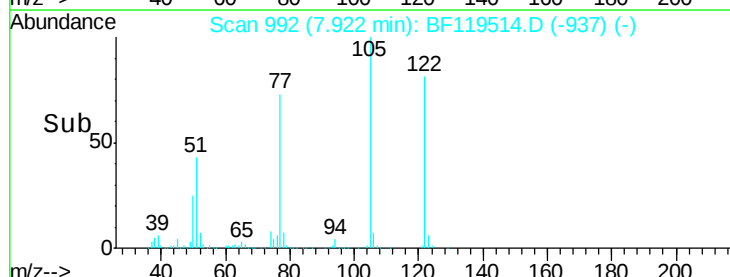
77 91.6 70.1 110.1

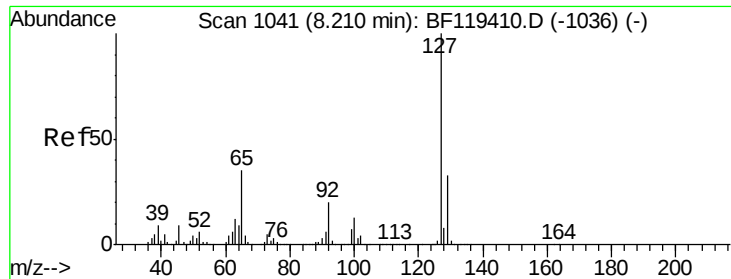


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





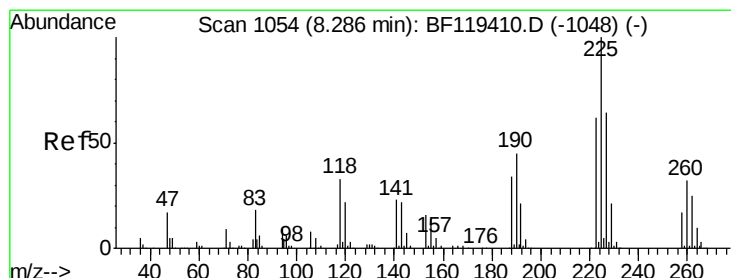
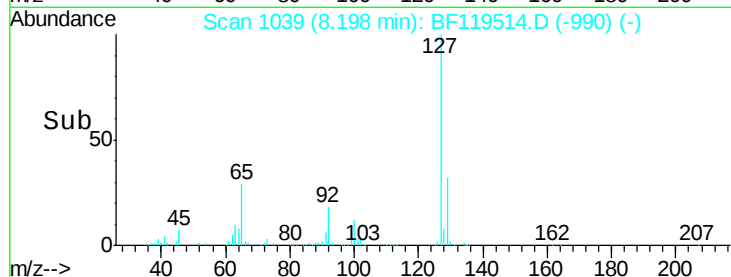
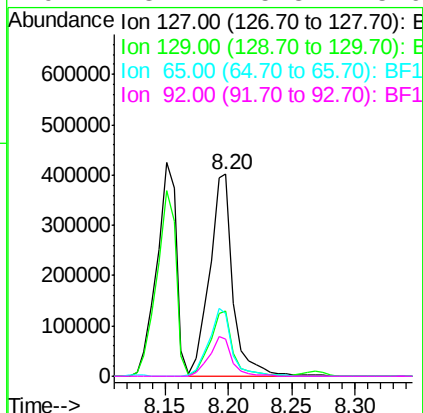
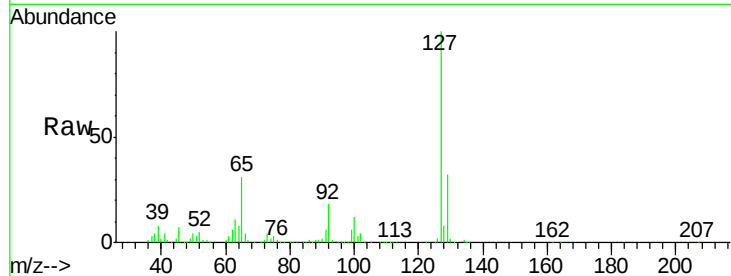
#33
4-Chloroaniline
Concen: 15.568 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		519492		
129	32.1	26.2	39.4		
65	31.0	27.7	41.5		
92	18.4	15.8	23.6		

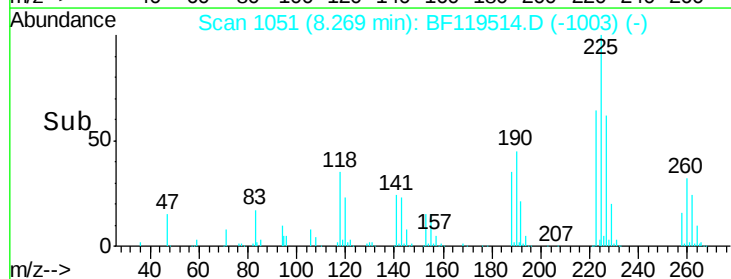
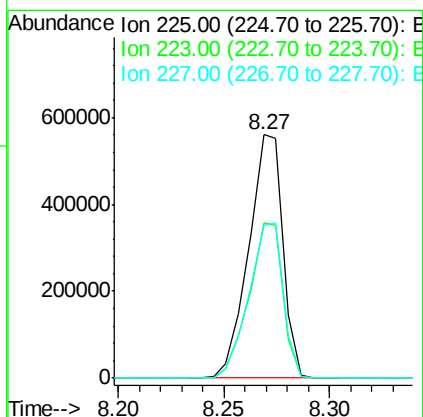
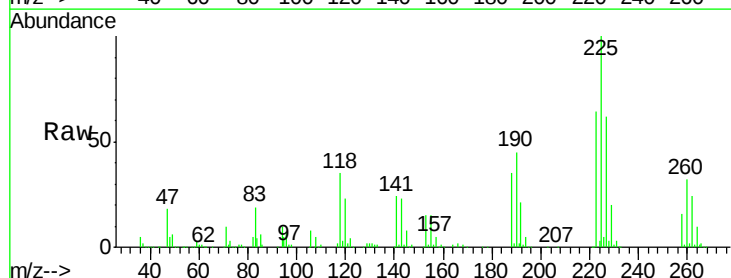
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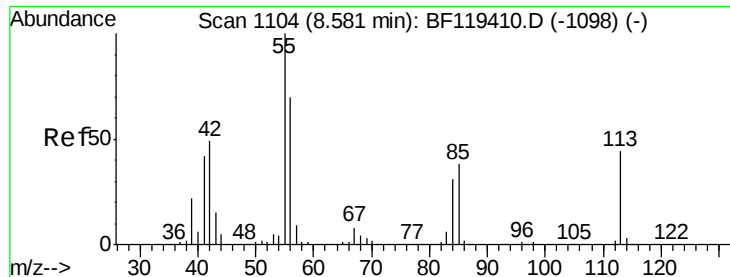
mohammad
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#34
Hexachlorobutadiene
Concen: 48.934 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		630306		
223	64.0	49.2	73.8		
227	62.5	51.1	76.7		





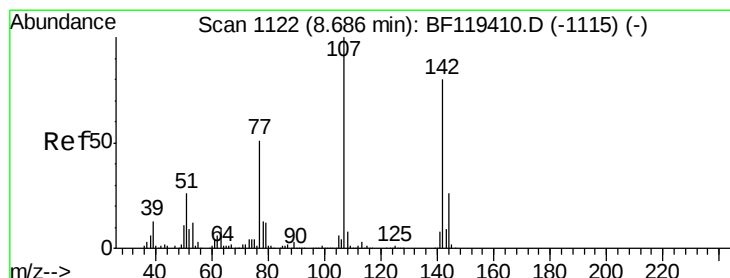
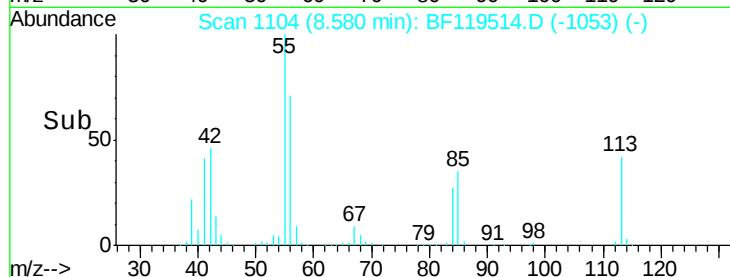
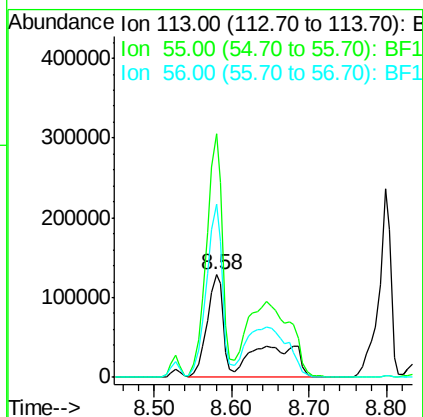
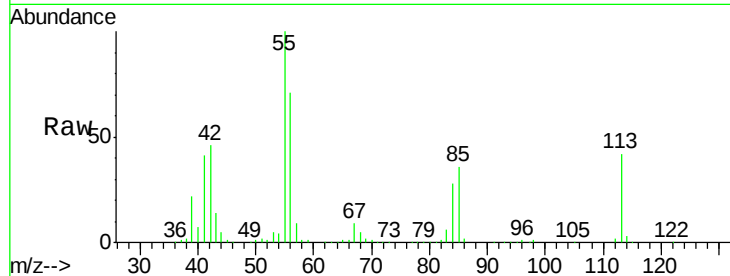
#35
 Caprolactam
 Concen: 52.586 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	237.1	208.4	248.4
56	168.8	138.9	178.9

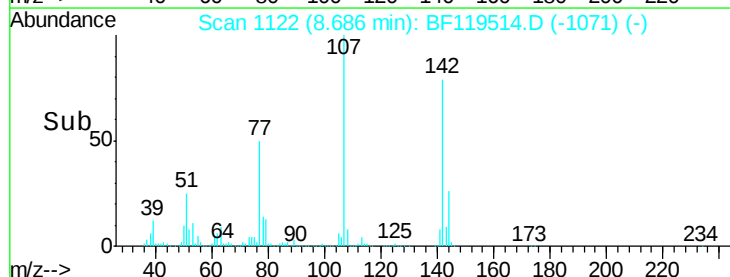
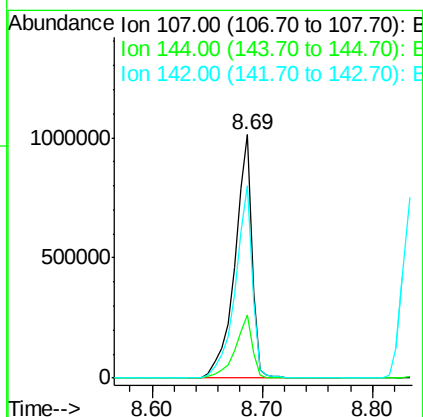
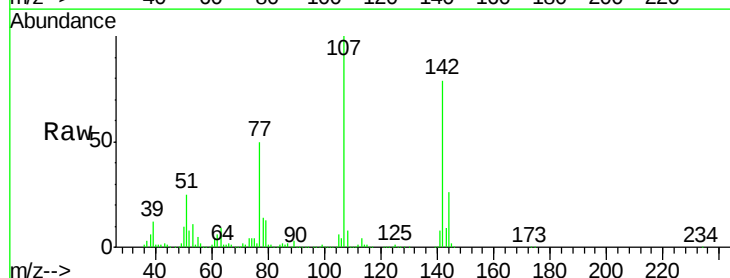
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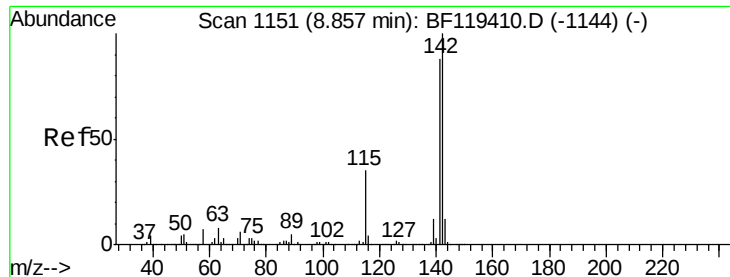
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.745 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.6	31.0
142	79.1	63.8	95.6





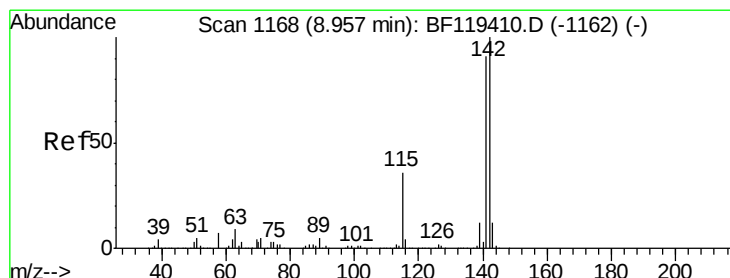
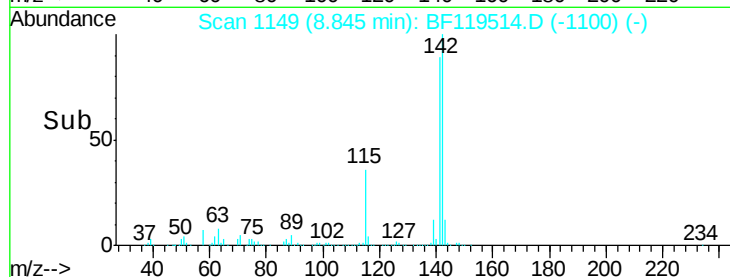
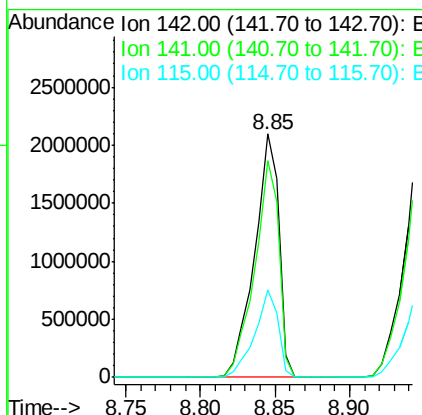
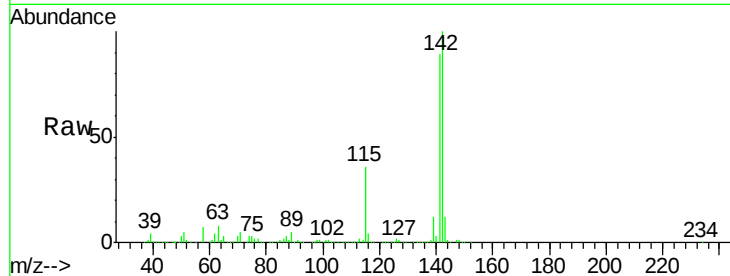
#37
2-Methylnaphthalene
Concen: 49.195 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	35.9	27.8	41.6

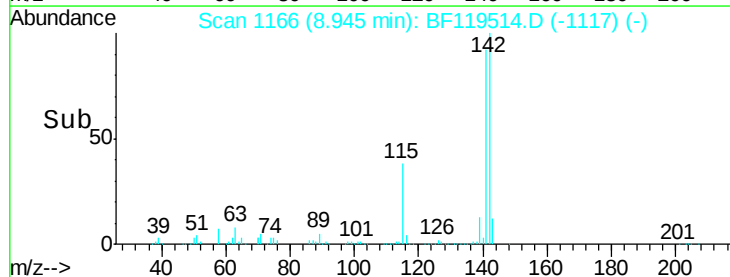
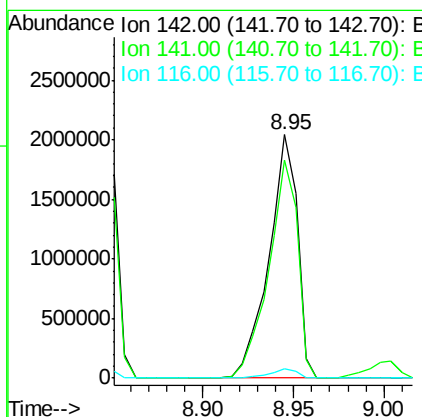
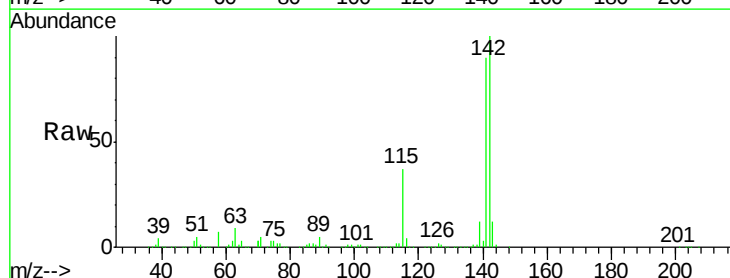
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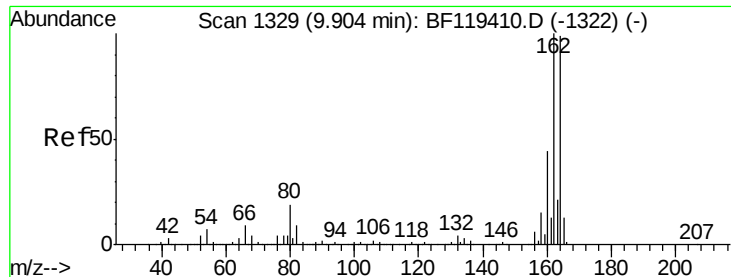
mohammad
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#38
1-Methylnaphthalene
Concen: 49.163 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.1	109.7
116	4.0	3.0	4.6





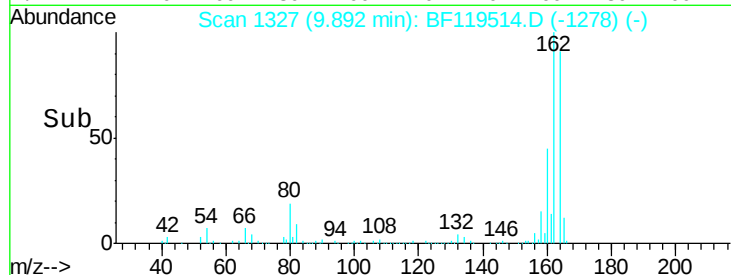
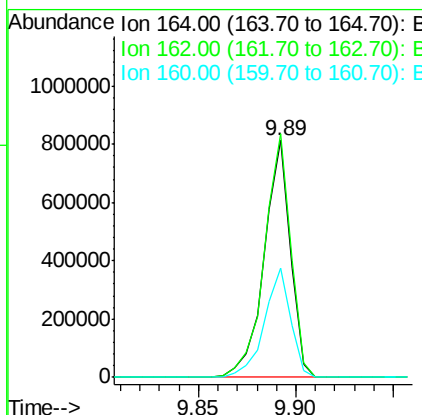
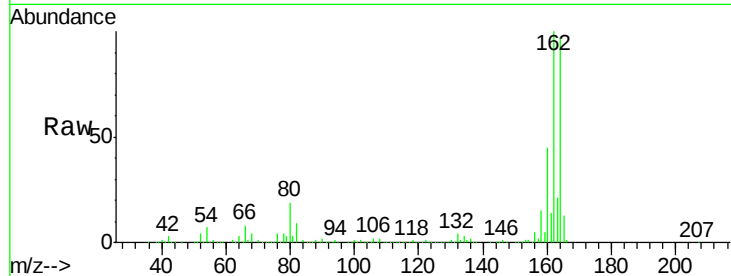
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.7	121.1
160	46.0	35.5	53.3

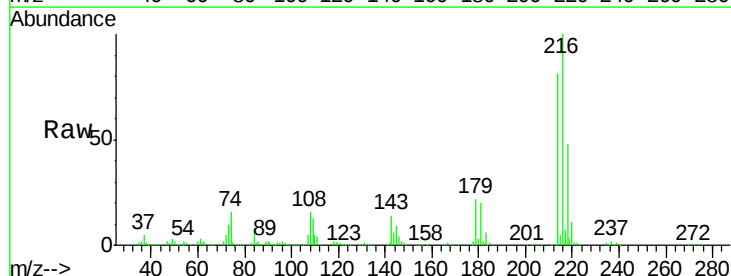
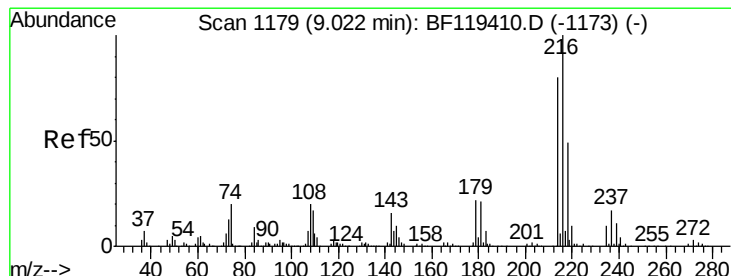
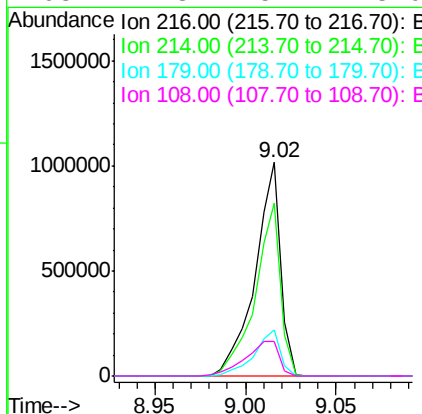
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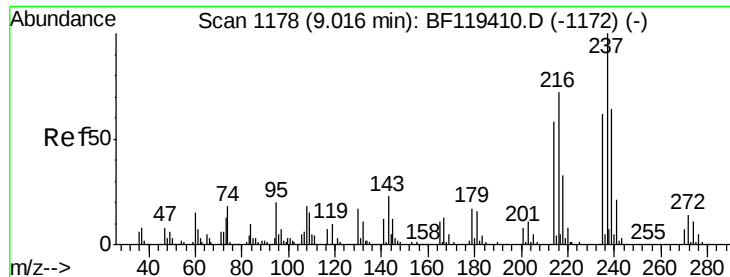
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.909 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.6
179	21.8	17.0	25.4
108	21.3	15.4	23.0





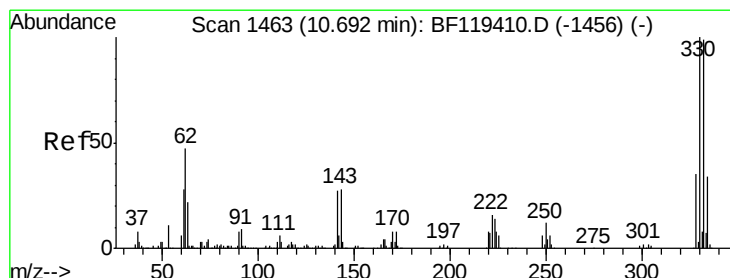
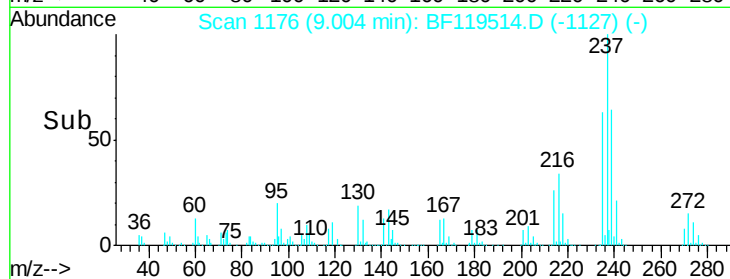
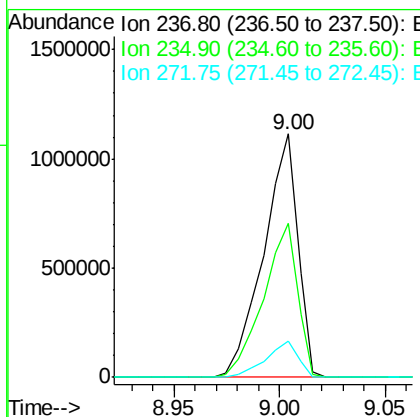
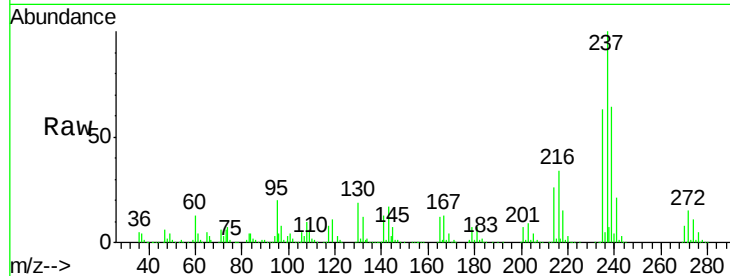
#41
Hexachlorocyclopentadiene
Concen: 99.327 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:	237	Resp:	1253262
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.5	82.5
272	14.9	0.0	34.3

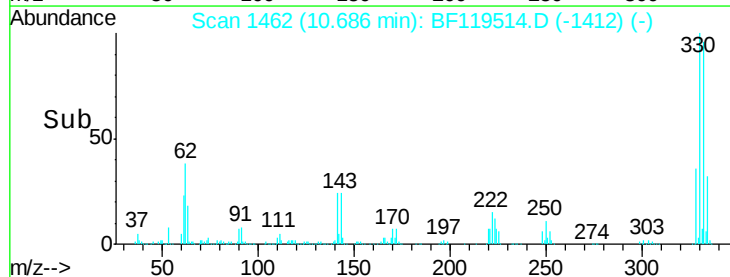
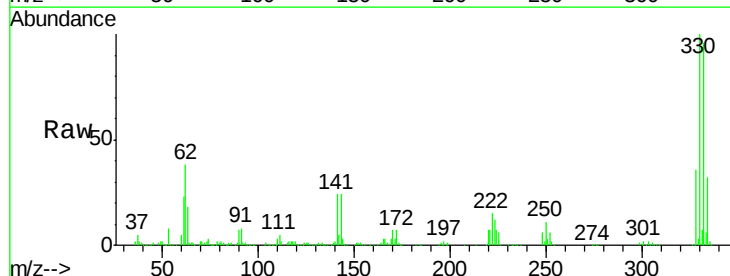
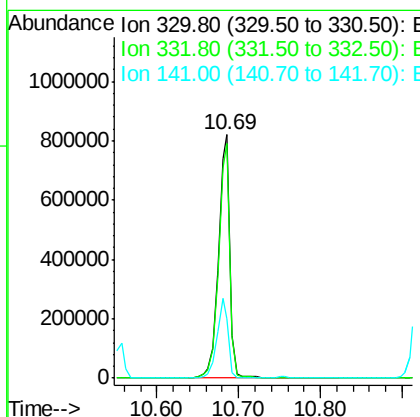
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 102.700 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:	330	Resp:	802263
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.6	116.4
141	32.1	26.6	40.0





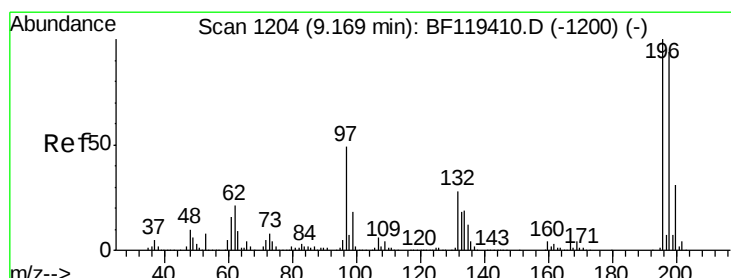
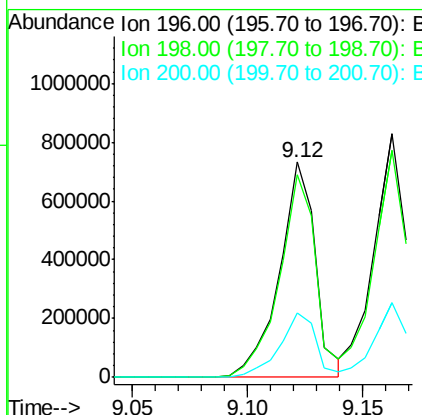
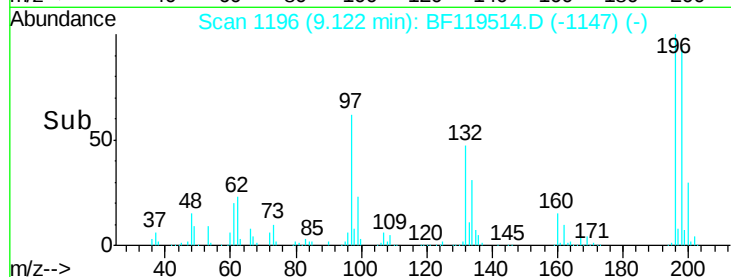
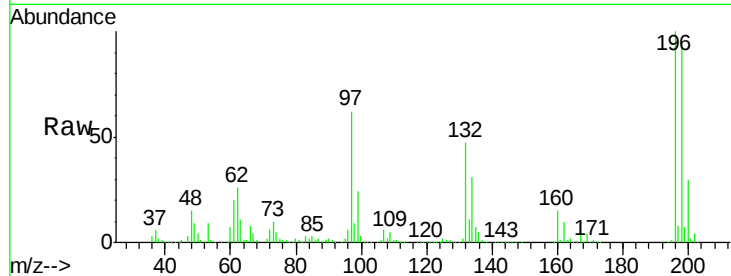
#43
 2,4,6-Trichlorophenol
 Concen: 49.604 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion:	196	Resp:	787836
Ion Ratio	Lower	Upper	
196	100		
198	94.4	77.0	115.4
200	30.2	25.1	37.7

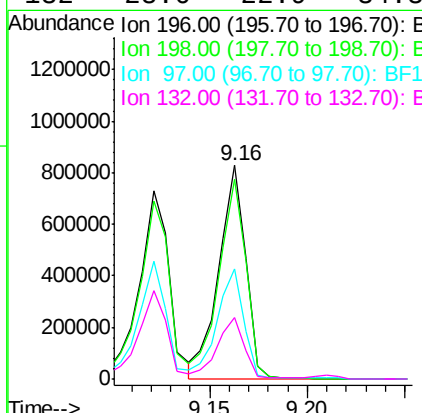
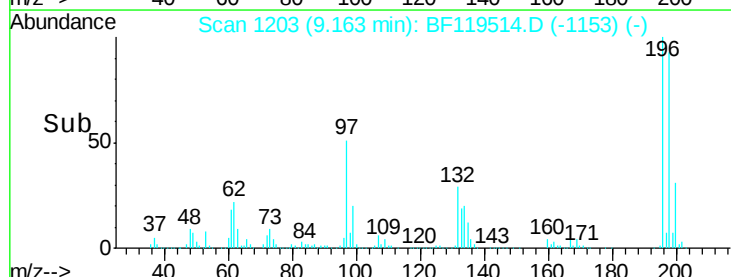
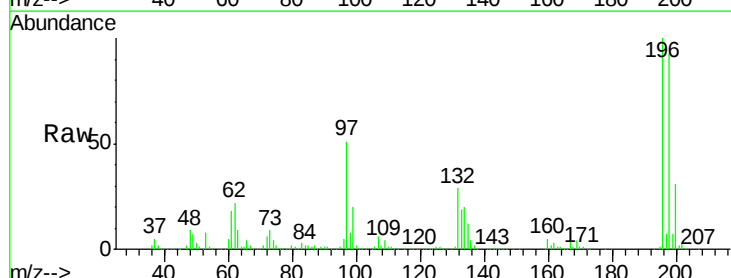
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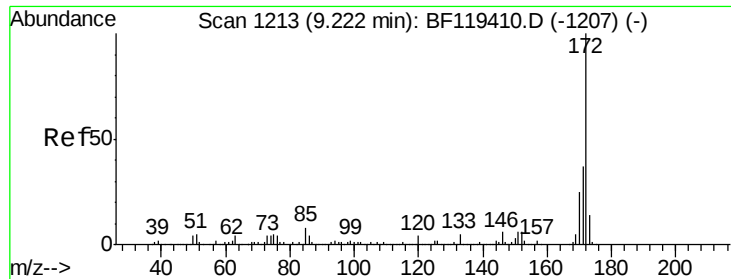
mohammad
 3/27/2020 8:12:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.673 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:	196	Resp:	794820
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.3	112.9
97	51.3	39.0	58.4
132	28.6	22.9	34.3





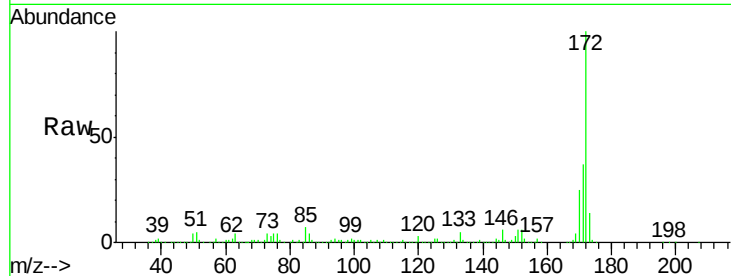
#45
2-Fluorobiphenyl
Concen: 62.755 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

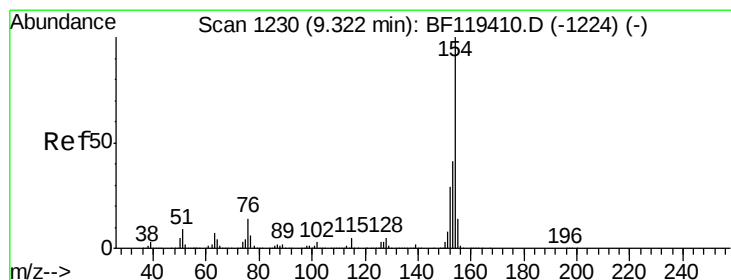
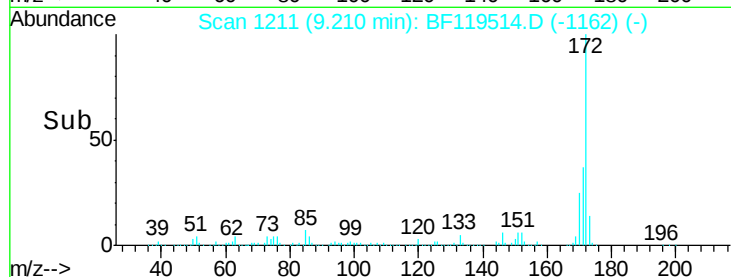
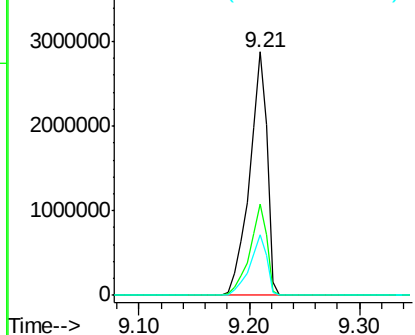
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	24.7	20.1	30.1

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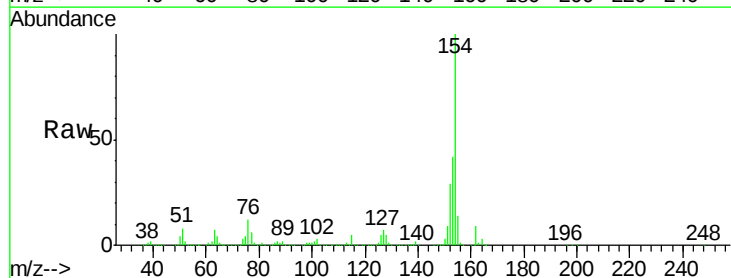


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

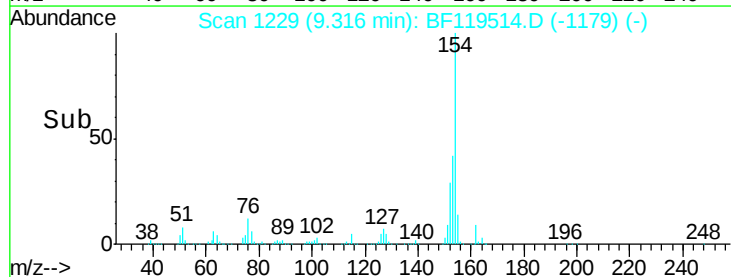
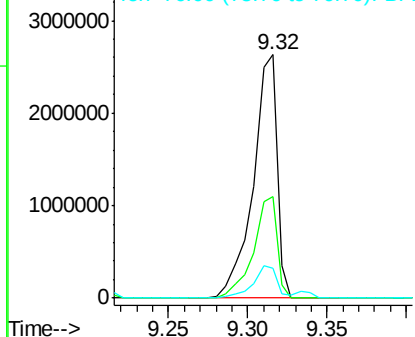


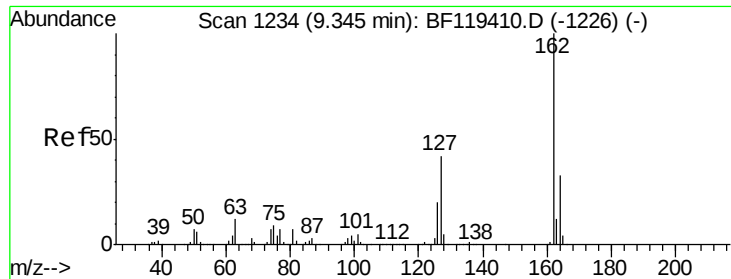
#46
1,1'-Biphenyl
Concen: 44.972 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.4	61.4
76	12.0	0.0	33.6



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





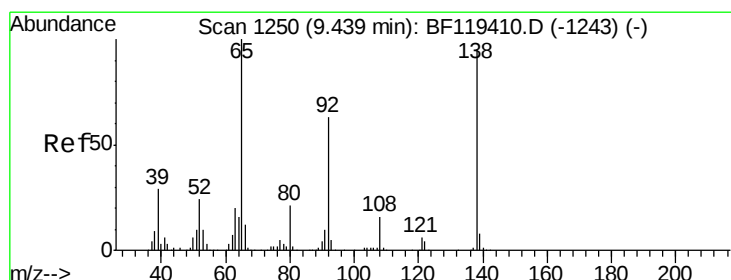
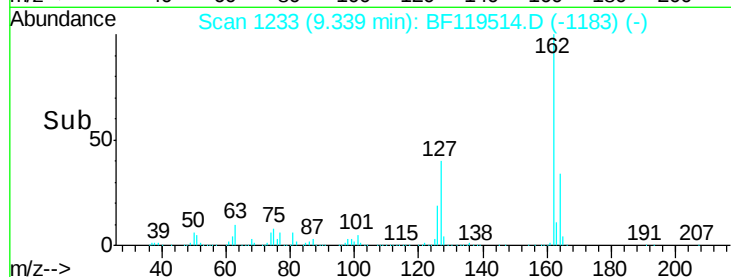
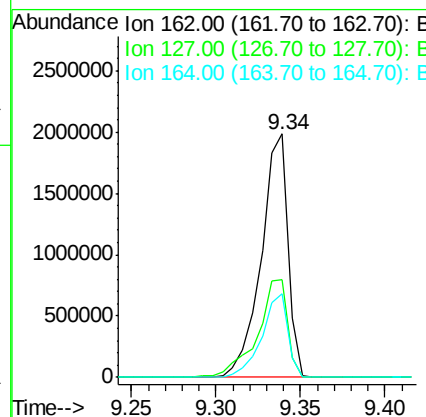
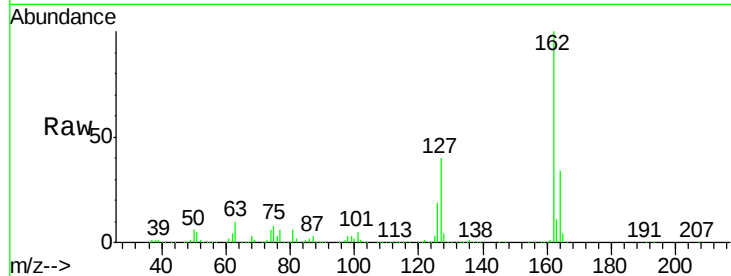
#47
 2-Chloronaphthalene
 Concen: 45.207 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.7	50.5
164	34.1	26.2	39.4

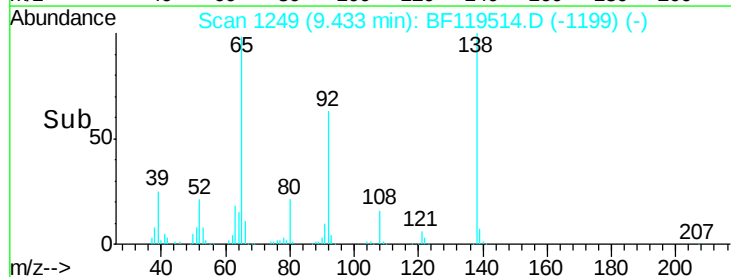
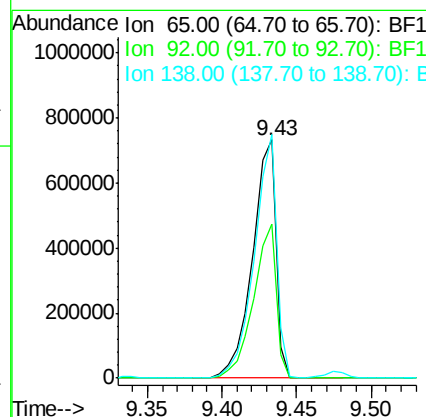
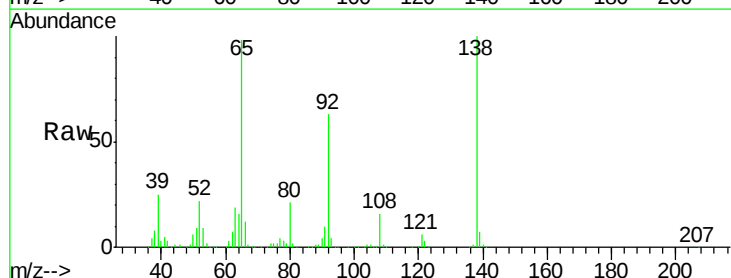
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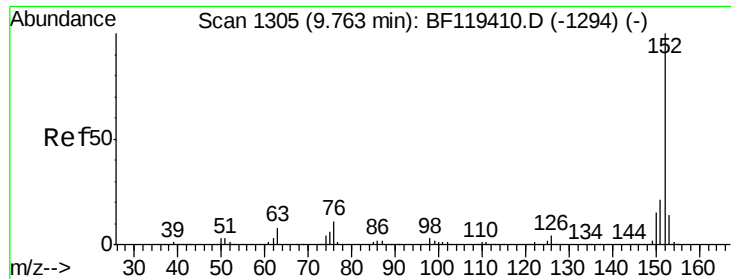
mohammad
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#48
 2-Nitroaniline
 Concen: 47.668 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	50.5	75.7
138	102.2	75.8	113.8





#49

Acenaphthylene

Concen: 44.341 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:152 Resp: 3363650

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

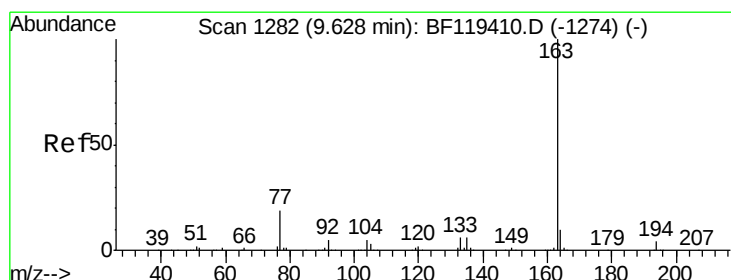
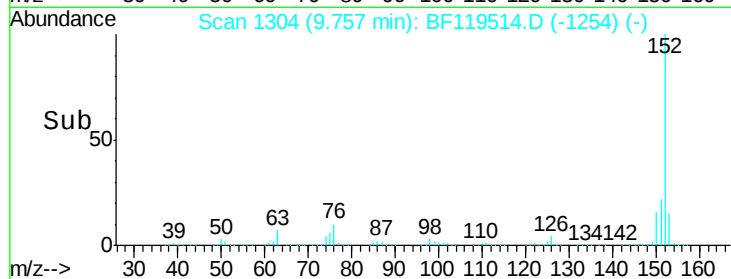
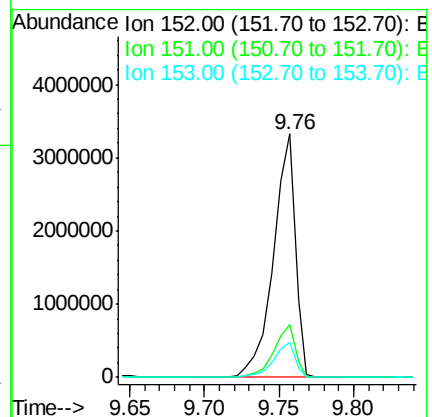
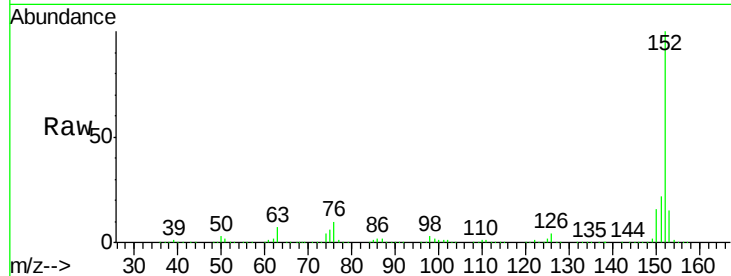
153 14.5 11.2 16.8

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#50

Dimethylphthalate

Concen: 53.852 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

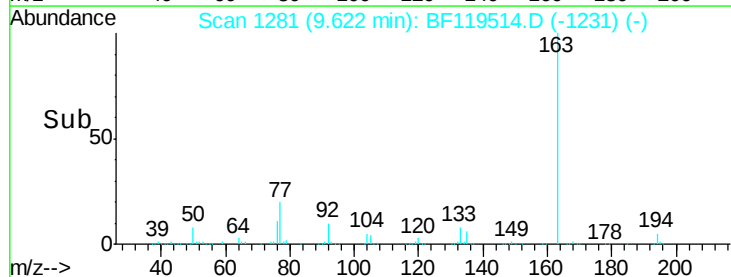
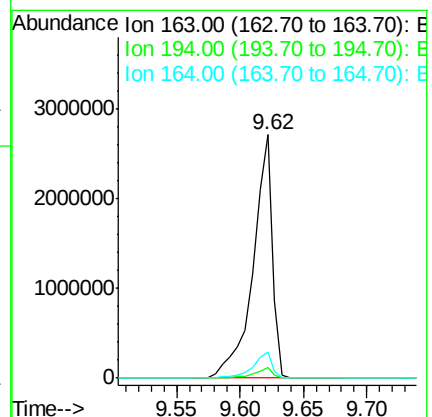
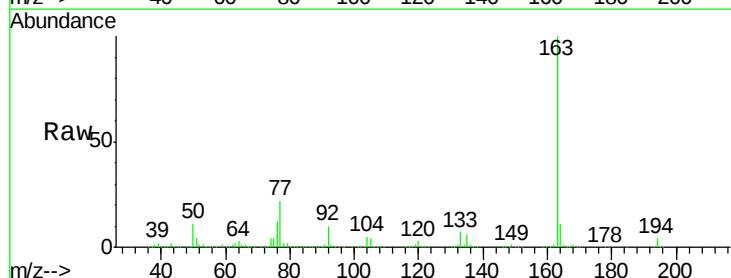
Tgt Ion:163 Resp: 2896404

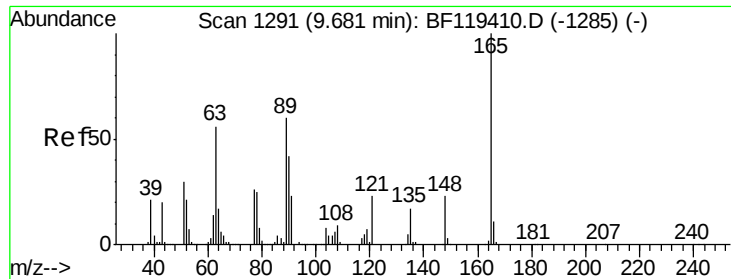
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.7 8.1 12.1





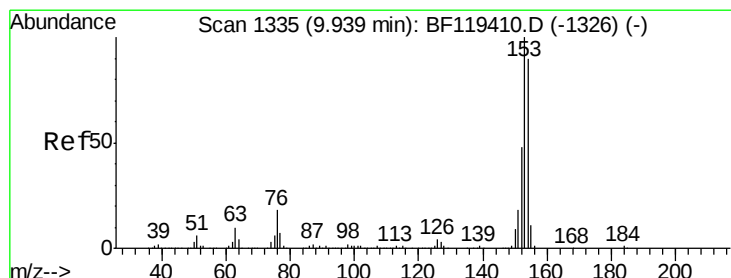
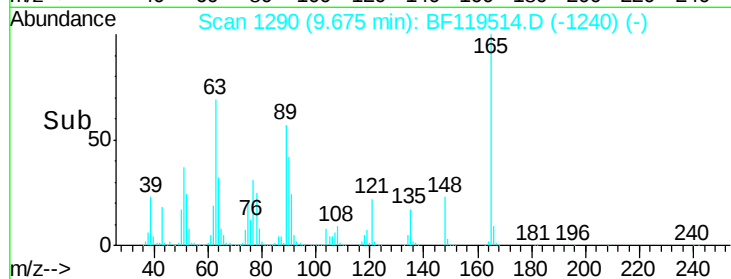
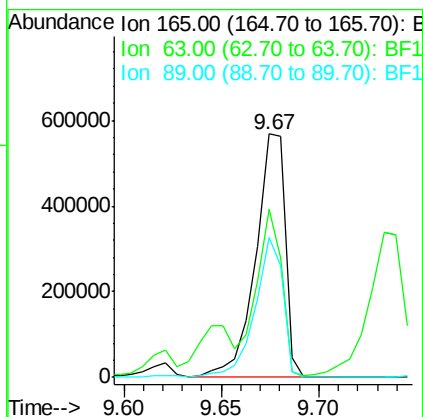
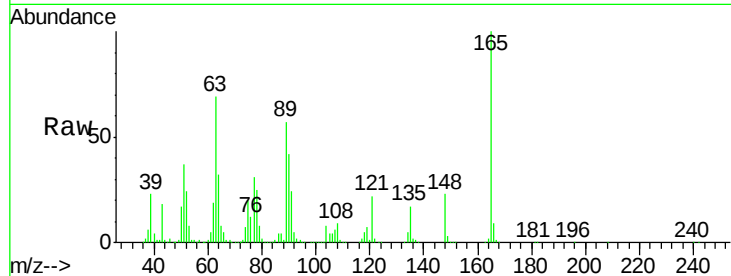
#51
2,6-Dinitrotoluene
Concen: 51.966 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	599078		
63	69.1	57.3	85.9	
89	57.5	47.8	71.8	

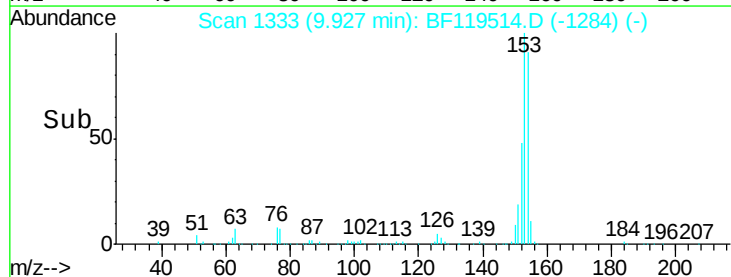
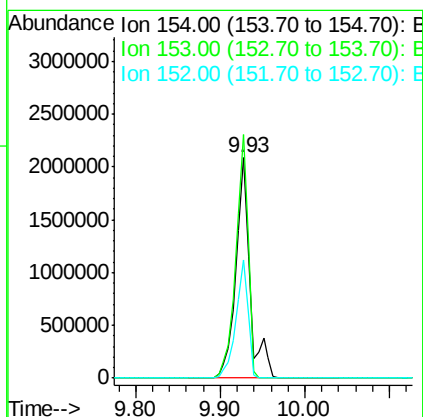
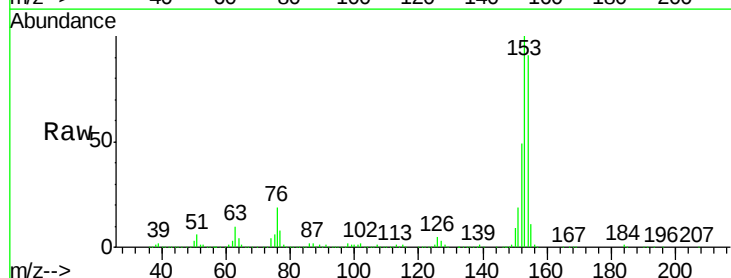
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#52
Acenaphthene
Concen: 50.903 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2407278		
153	110.4	89.0	133.6	
152	53.8	43.1	64.7	





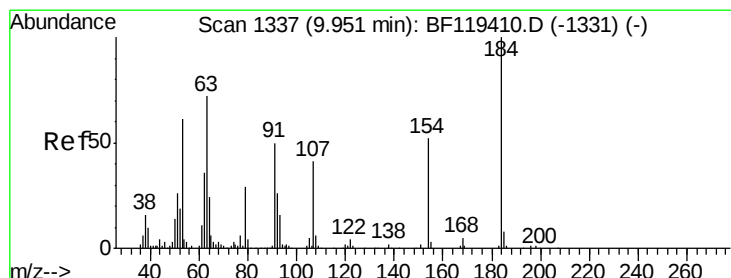
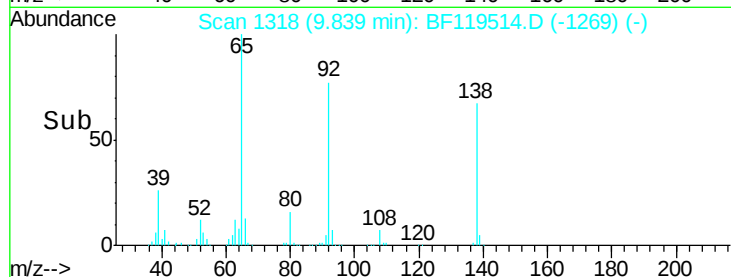
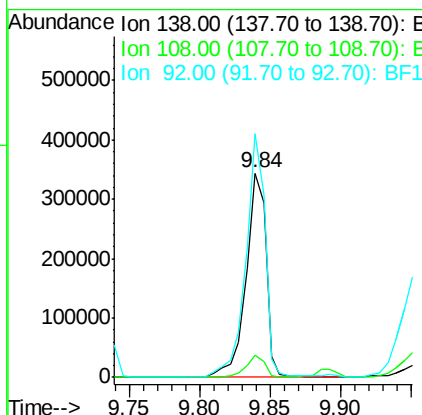
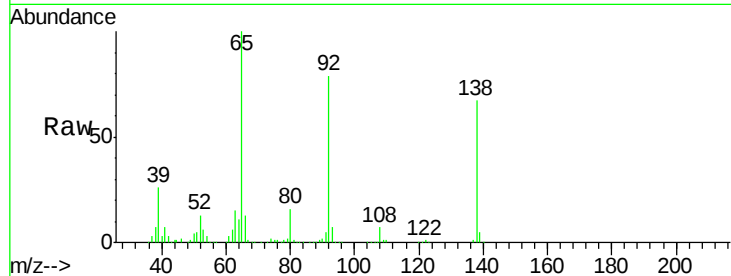
#53
3-Nitroaniline
Concen: 23.678 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.0	13.6
92	119.0	93.2	139.8

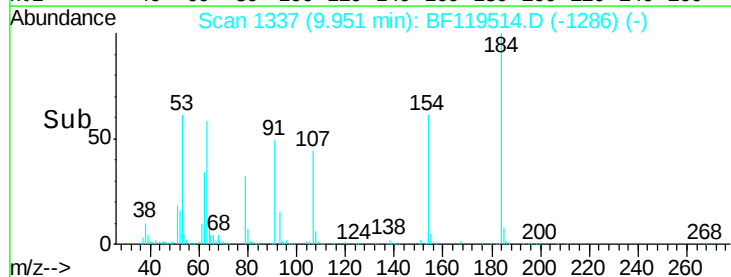
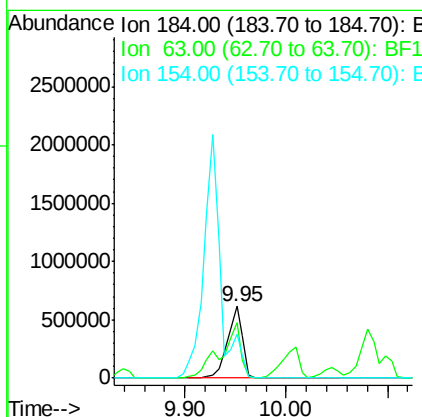
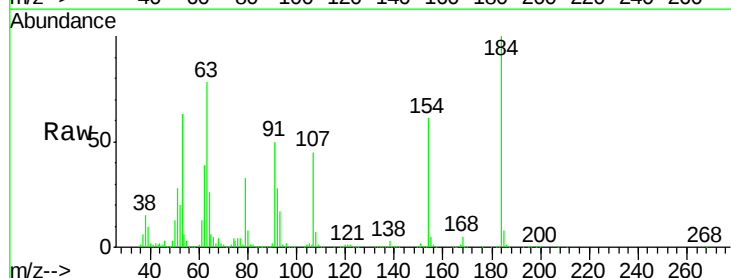
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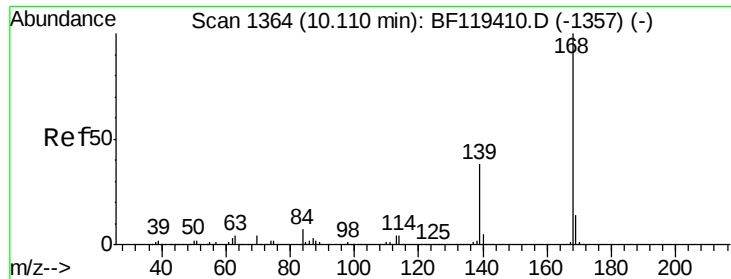
mohammad
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#54
2,4-Dinitrophenol
Concen: 122.150 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.5	58.5	87.7
154	61.2	51.8	77.6





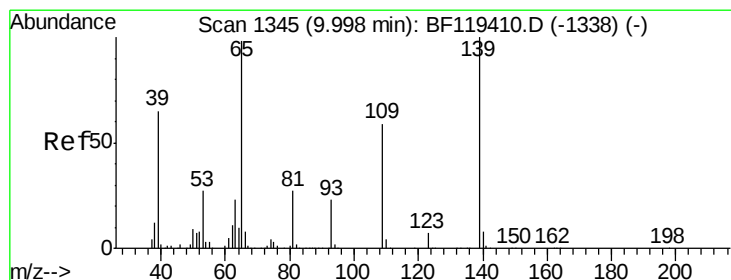
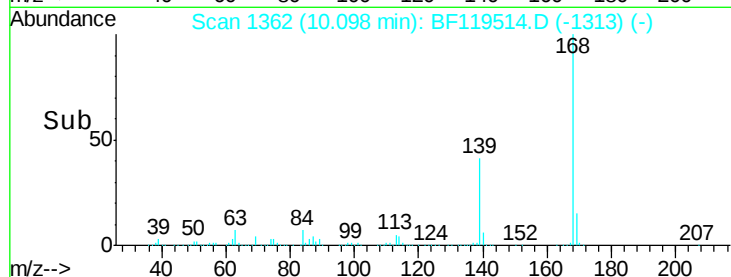
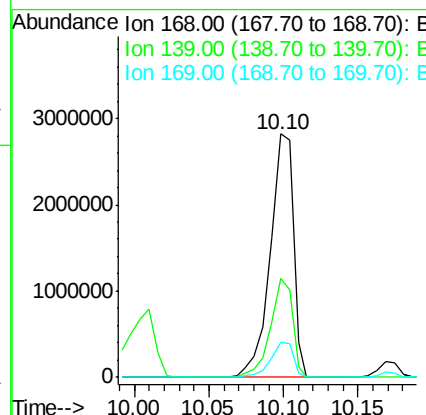
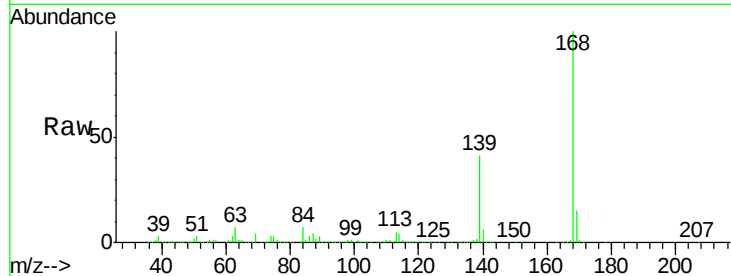
#55
Dibenzenofuran
Concen: 44.600 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.2	45.4
169	14.6	11.1	16.7

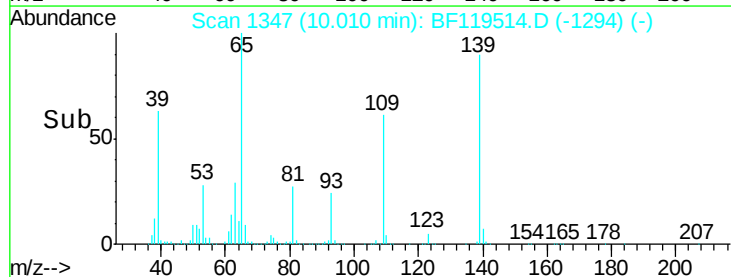
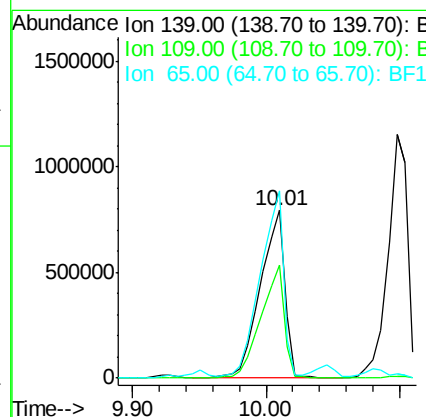
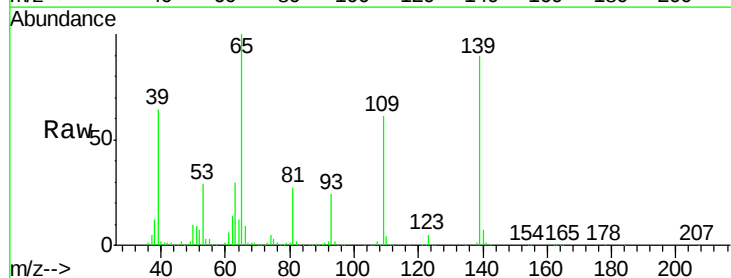
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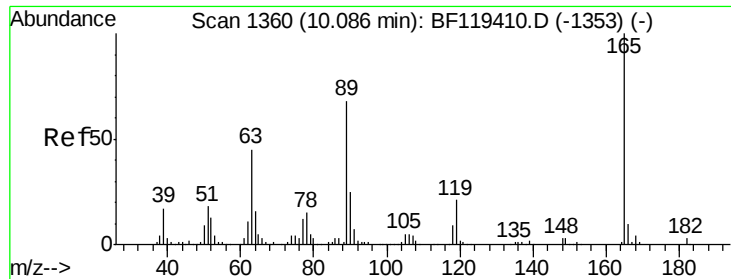
mohammad
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#56
4-Nitrophenol
Concen: 86.878 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.7	39.6	79.6
65	111.4	78.3	118.3





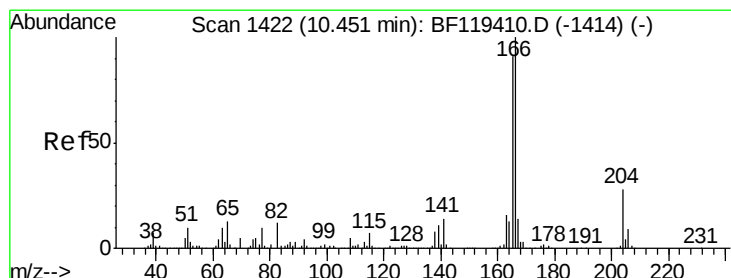
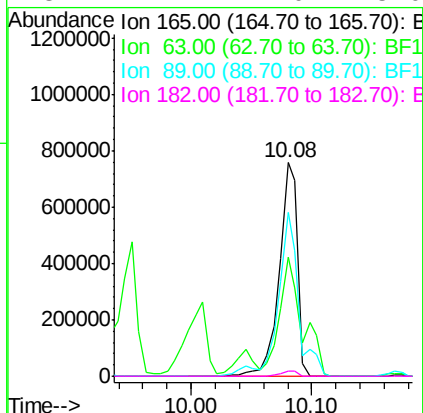
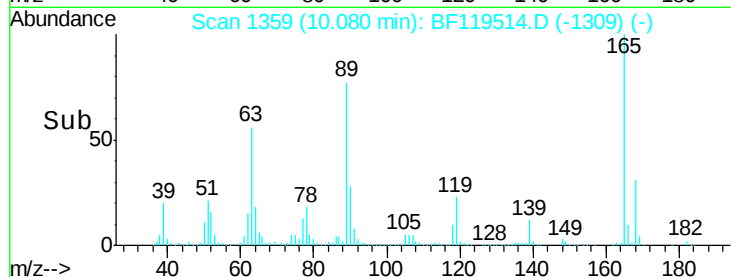
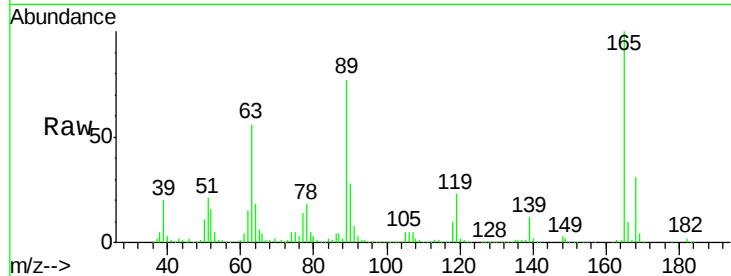
#57
2,4-Dinitrotoluene
Concen: 54.369 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	36.2	54.4#
89	77.0	54.3	81.5
182	2.4	2.0	3.0

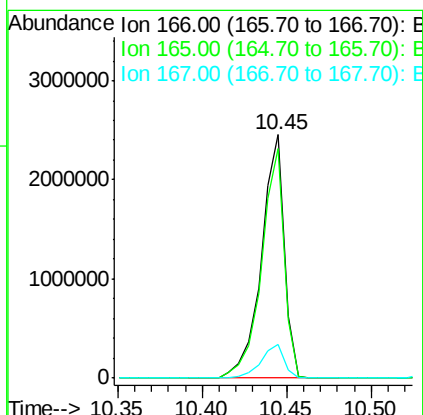
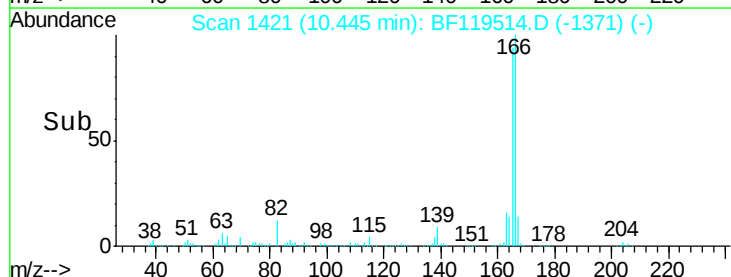
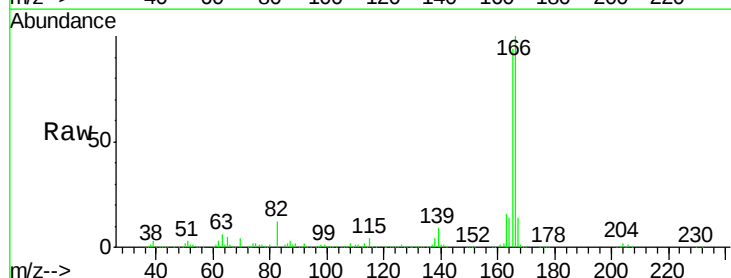
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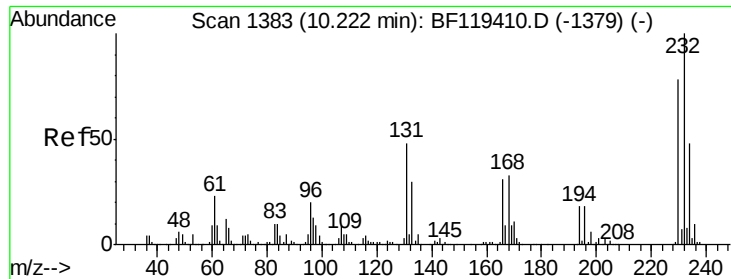
mohammad
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#58
Fluorene
Concen: 46.021 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	73.1	109.7
167	14.0	11.0	16.6





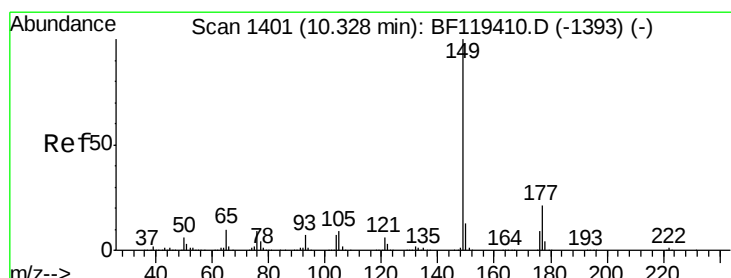
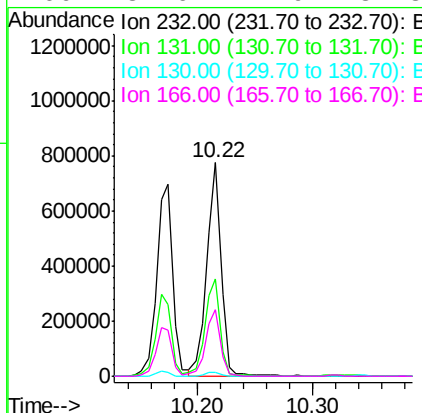
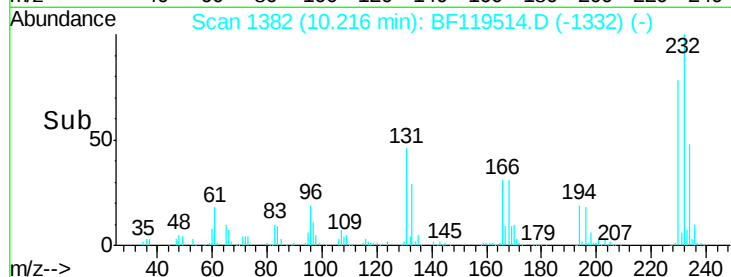
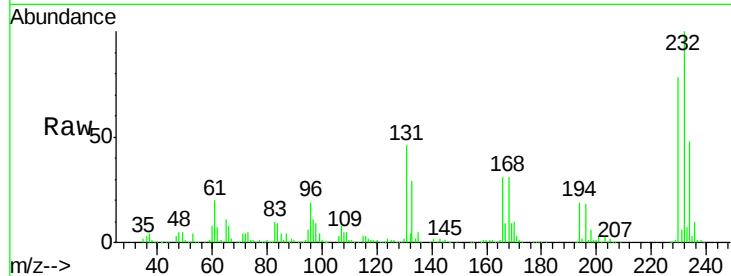
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.681 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion:	232	Resp:	674024
Ion Ratio	Lower	Upper	
232	100		
131	47.2	36.3	54.5
130	2.0	1.8	2.6
166	31.6	24.9	37.3

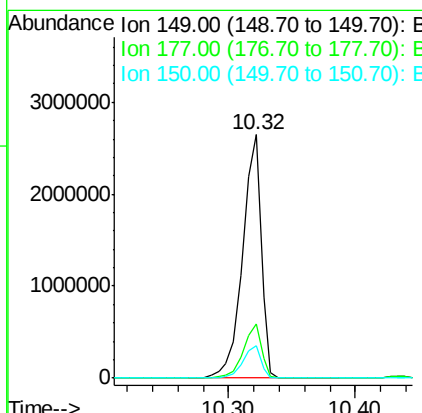
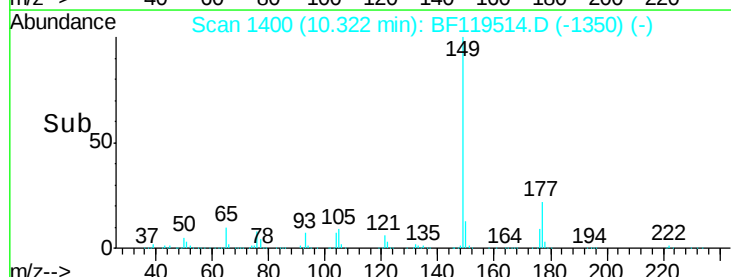
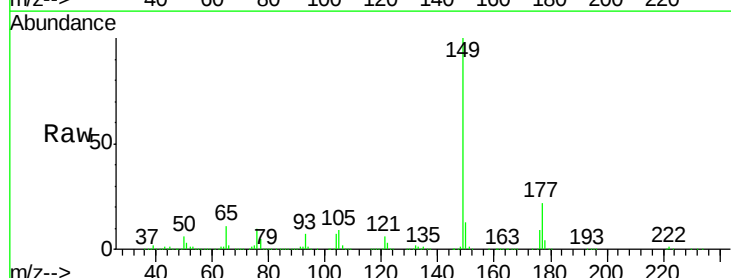
Manual Integrations
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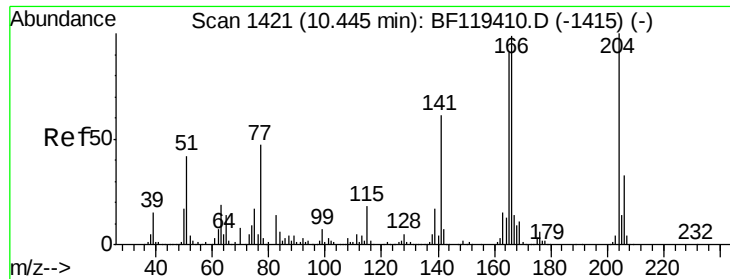
mohammad
 3/27/2020 8:12:02 AM



#60
 Diethylphthalate
 Concen: 48.891 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:	149	Resp:	2668840
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.0	25.6
150	13.3	10.2	15.4





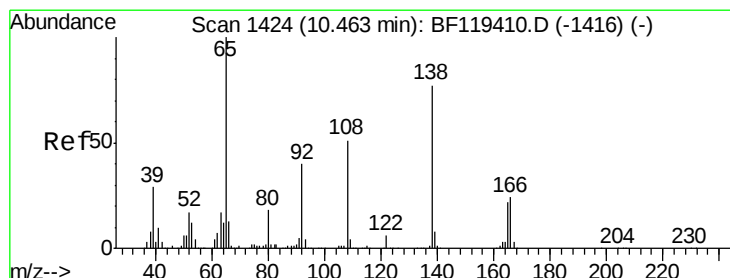
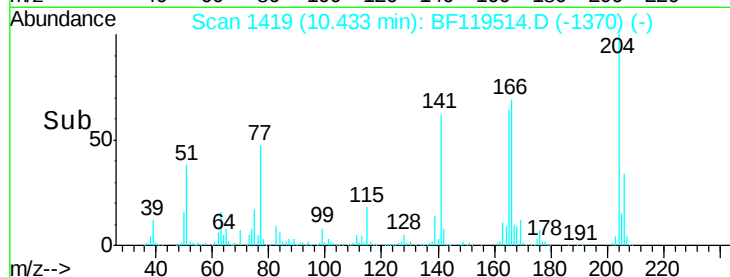
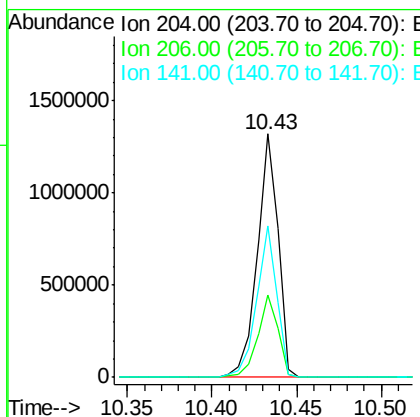
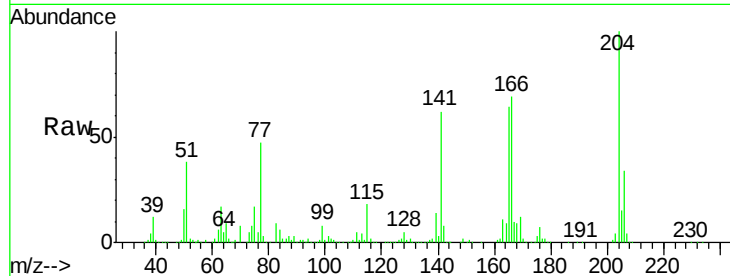
#61
 4-Chlorophenyl-phenylether
 Concen: 46.435 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.7	40.1
141	62.3	48.8	73.2

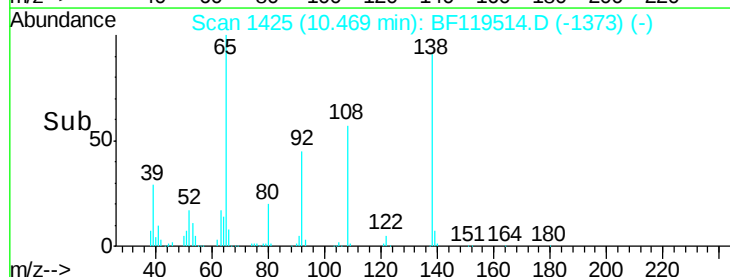
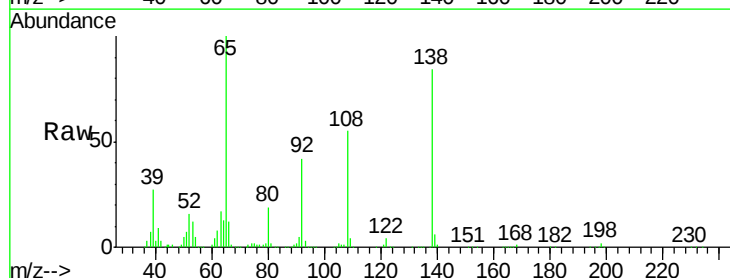
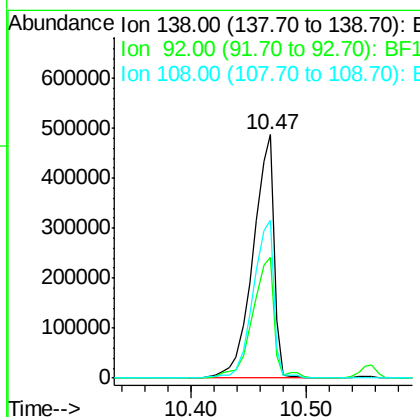
Manual Integrations
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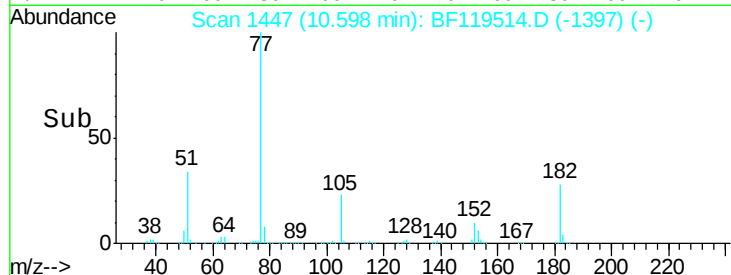
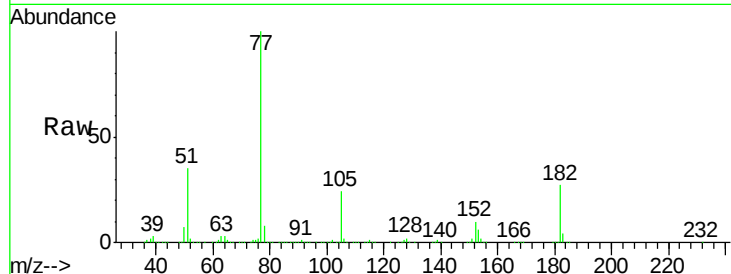
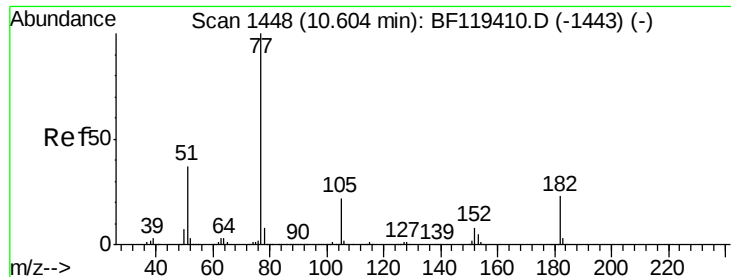
mohammad
 3/27/2020 8:12:02 AM



#62
 4-Nitroaniline
 Concen: 44.475 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	32.0	72.0
108	64.9	46.0	86.0





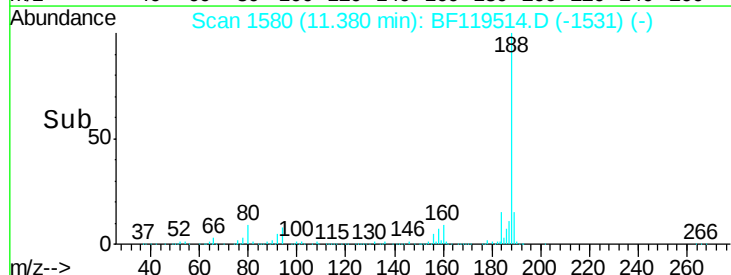
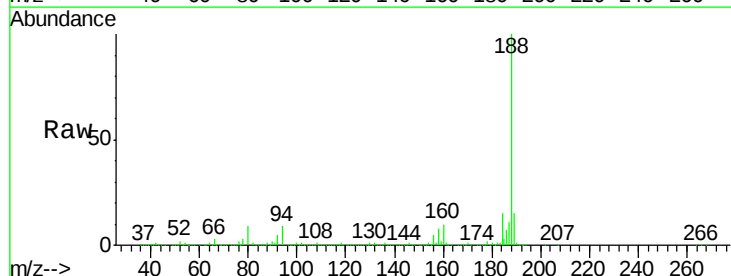
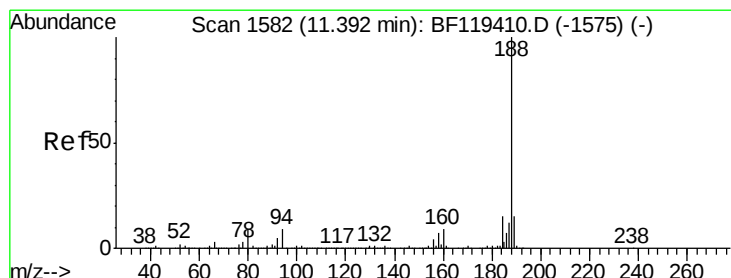
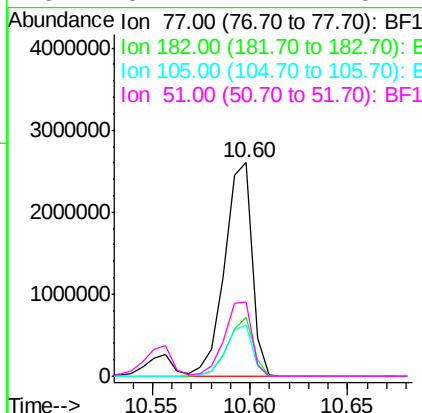
#63
Azobenzene
Concen: 46.118 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	2.5	42.5
105	24.0	2.5	42.5
51	34.7	17.1	57.1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

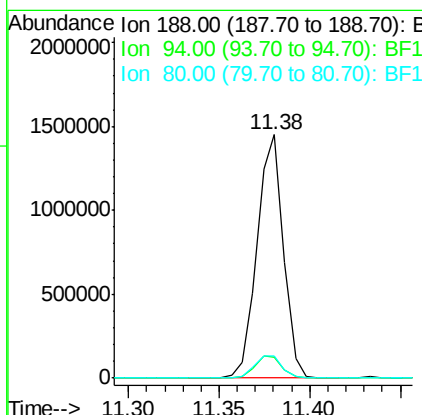
Manual Integrations
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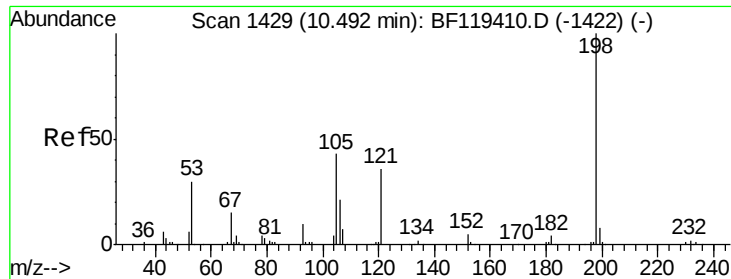
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.3	7.5	11.3





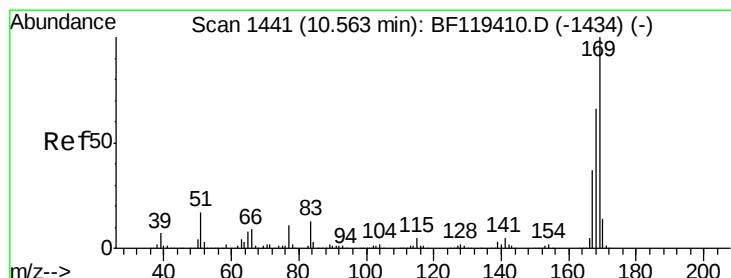
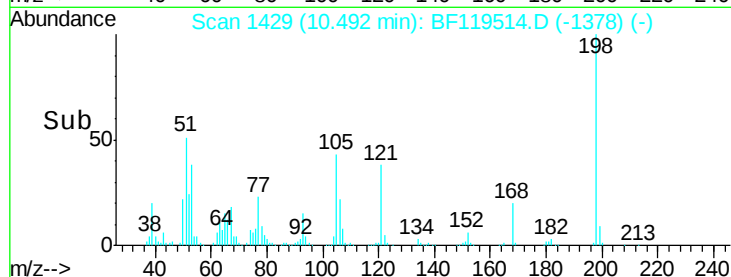
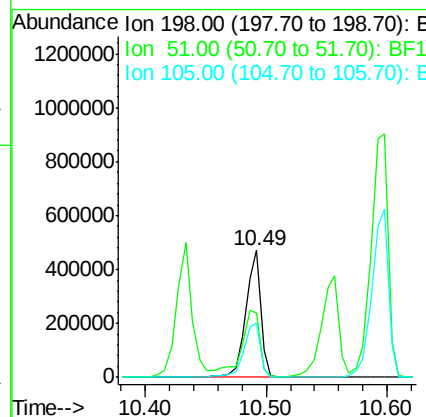
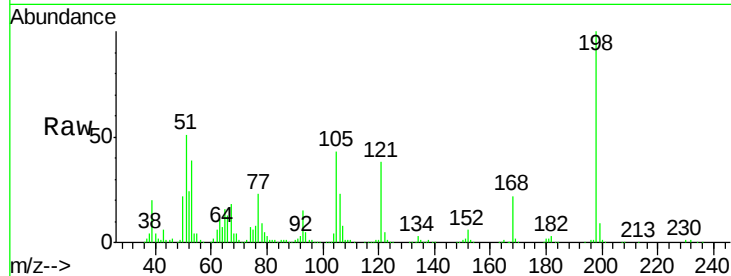
#65
4,6-Dinitro-2-methylphenol
Concen: 67.237 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.0	33.1	73.1
105	43.1	24.1	64.1

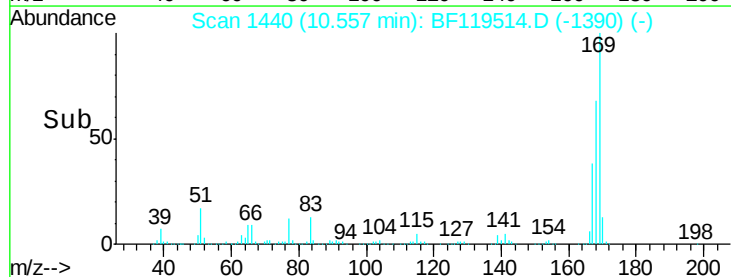
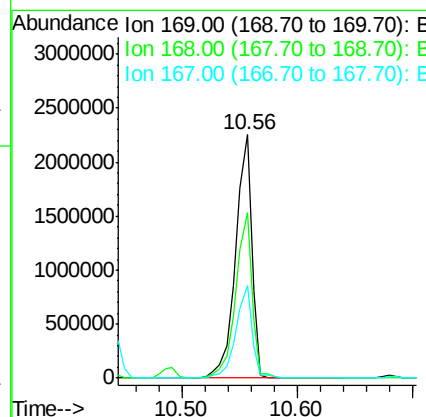
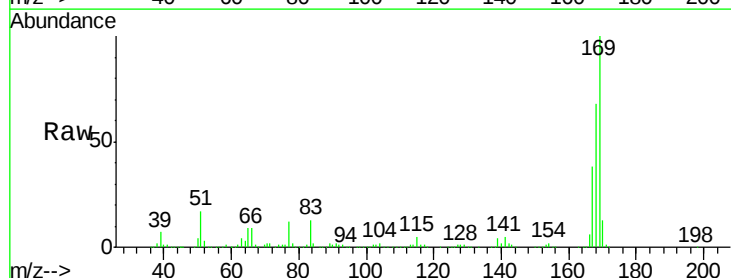
Manual Integrations
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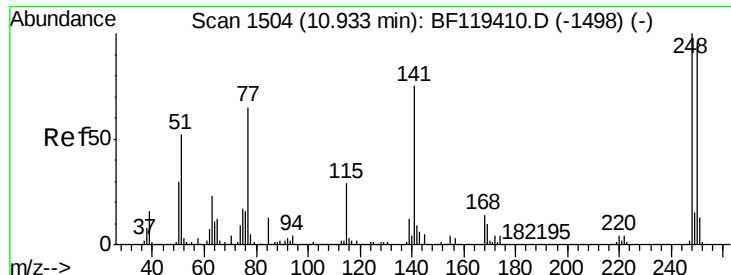
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.754 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	52.7	79.1
167	37.8	29.3	43.9





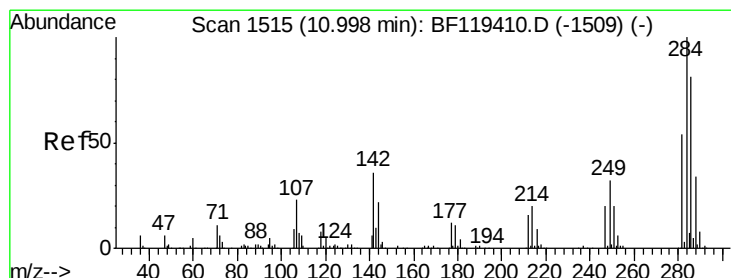
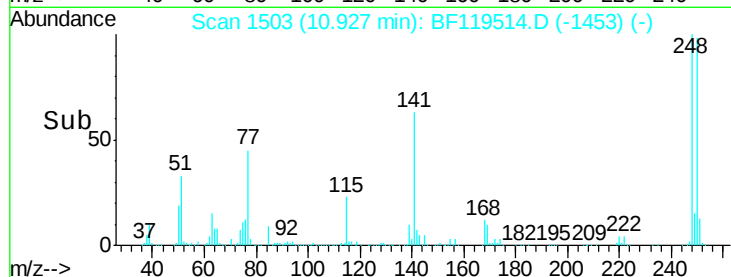
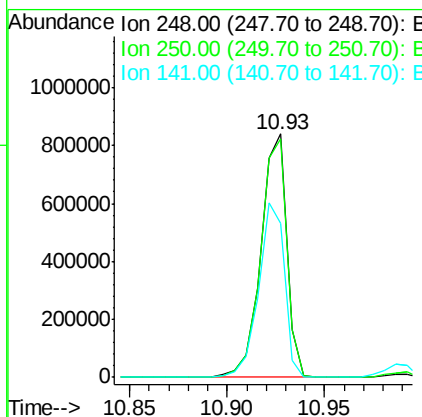
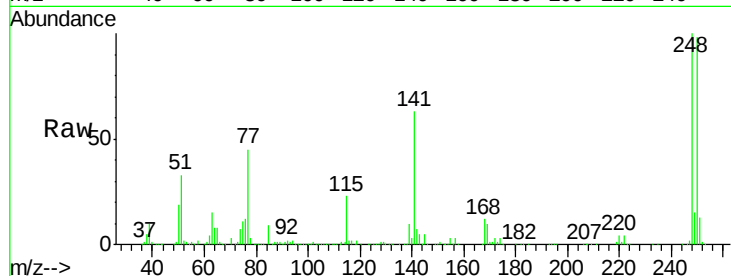
#67
4-Bromophenyl-phenylether
Concen: 46.492 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.6
141	63.2	59.7	89.5

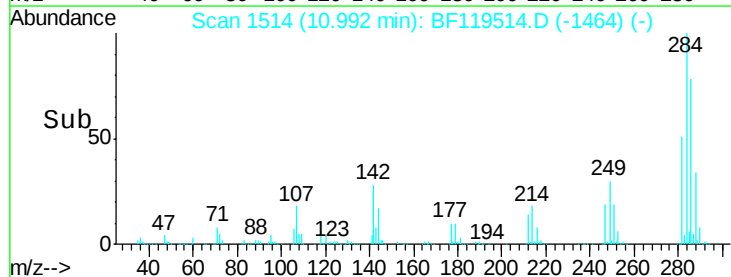
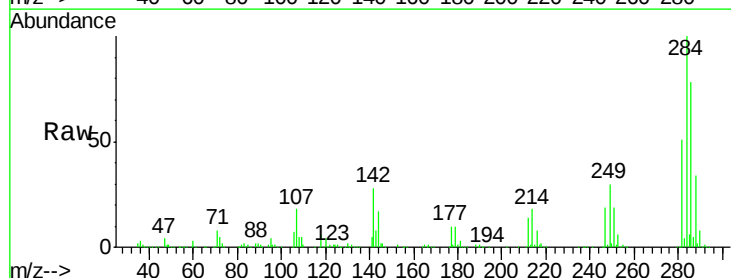
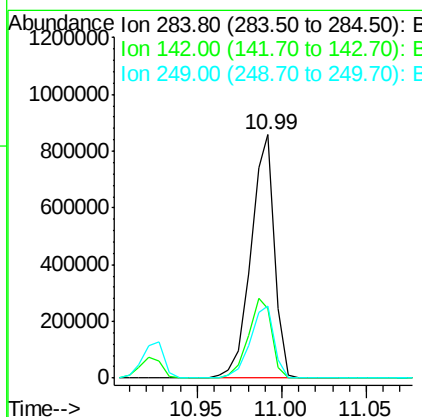
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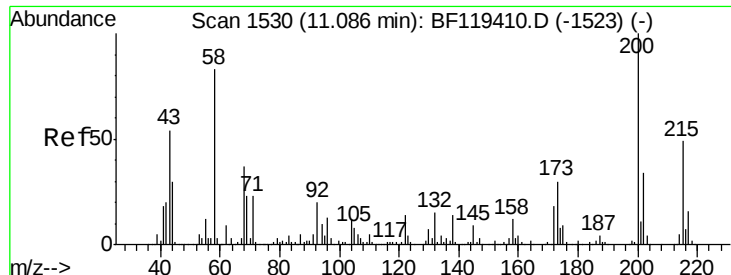
mohammad
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#68
Hexachlorobenzene
Concen: 48.779 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	28.7	43.1#
249	29.8	25.4	38.0





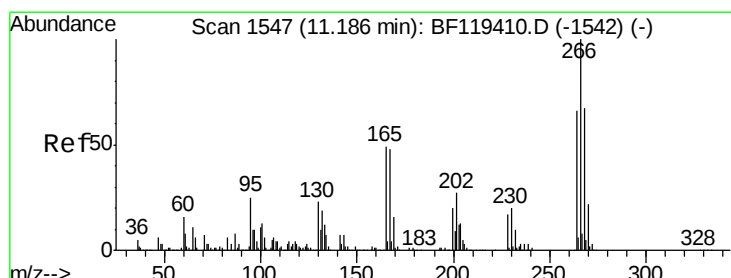
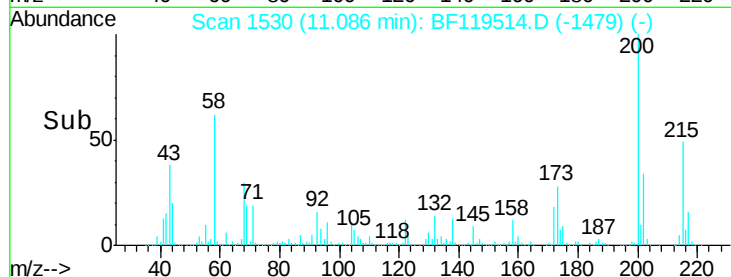
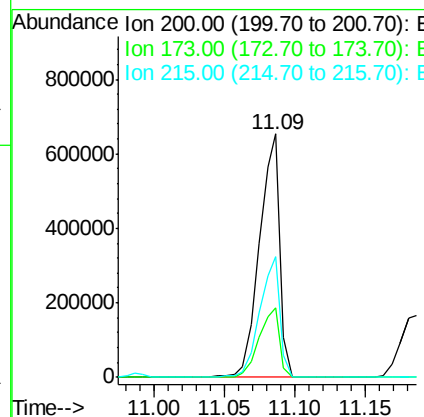
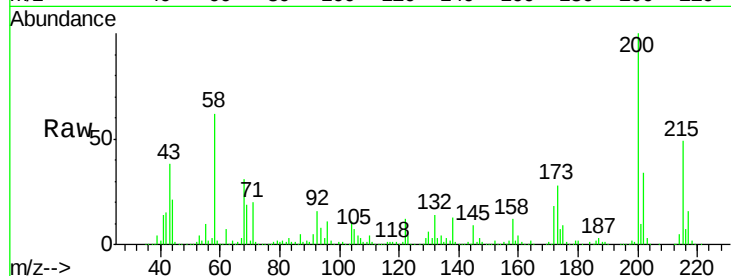
#69
 Atrazine
 Concen: 50.436 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.9	49.9
215	49.5	29.4	69.4

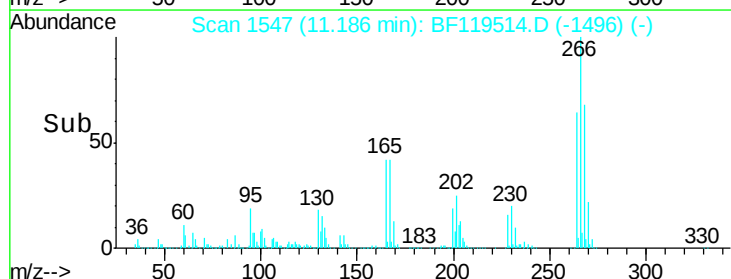
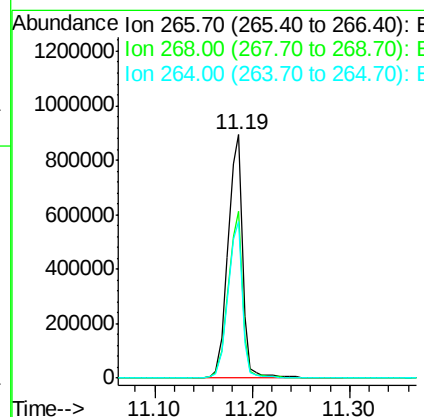
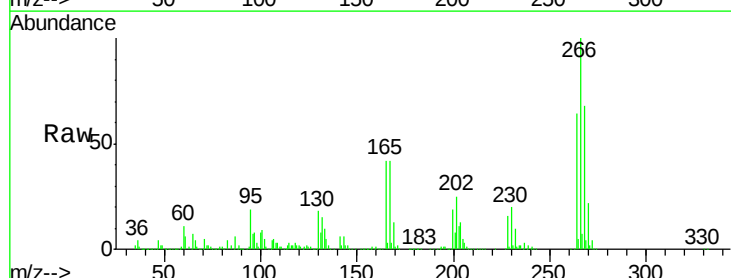
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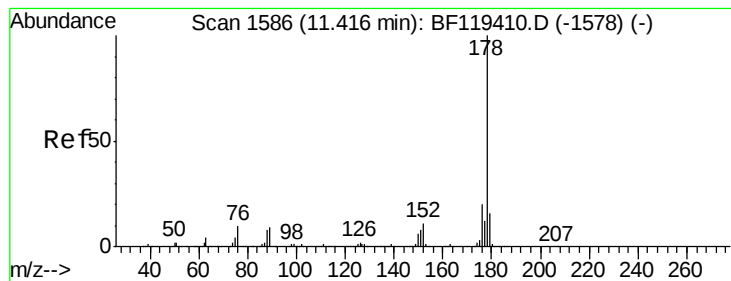
mohammad
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#70
 Pentachlorophenol
 Concen: 93.686 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	53.7	80.5
264	64.3	52.5	78.7





#71

Phenanthrene

Concen: 43.712 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:178 Resp: 3315168

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

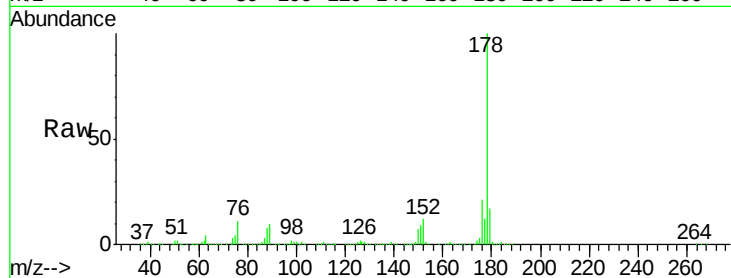
179 17.1 12.9 19.3

Manual Integrations

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mohammad

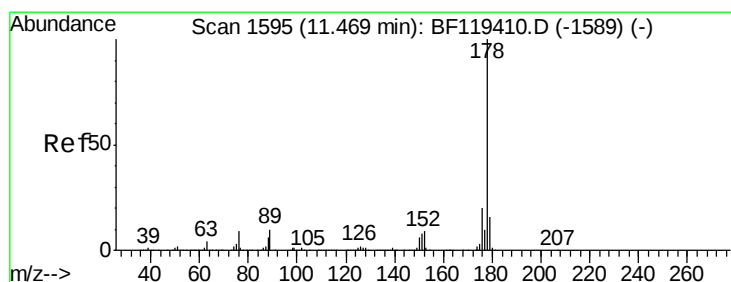
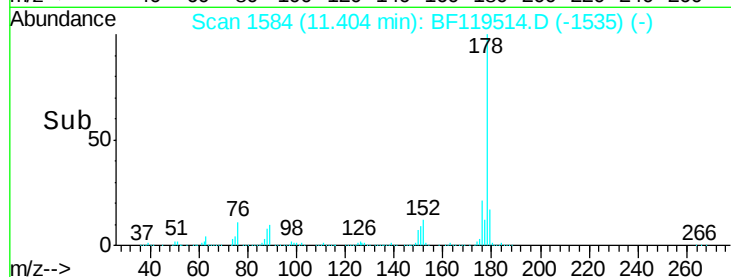
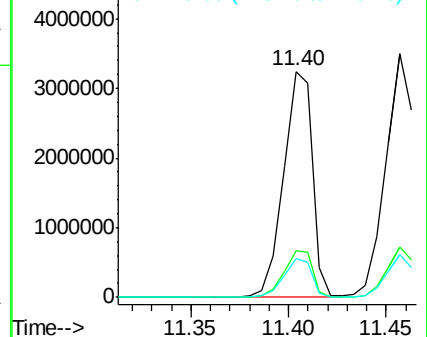
3/27/2020 8:12:02 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.485 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion:178 Resp: 3428979

Ion Ratio Lower Upper

178 100

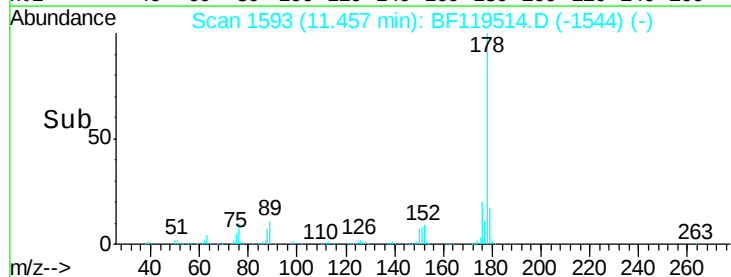
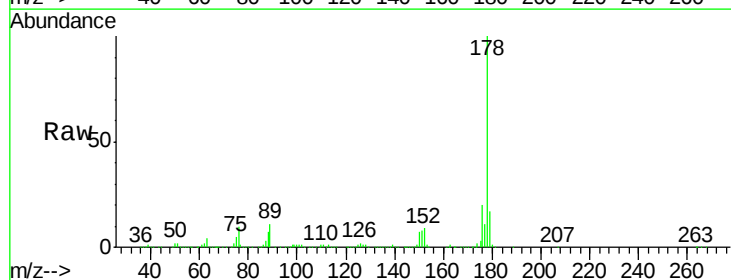
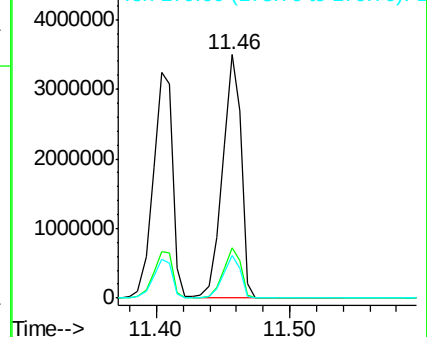
176 20.5 15.6 23.4

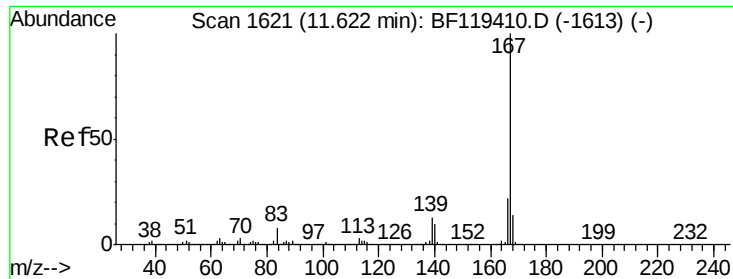
179 17.4 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





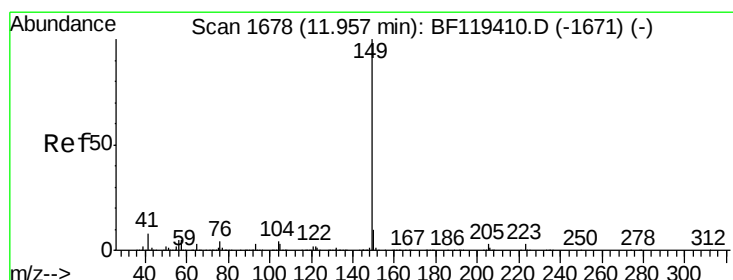
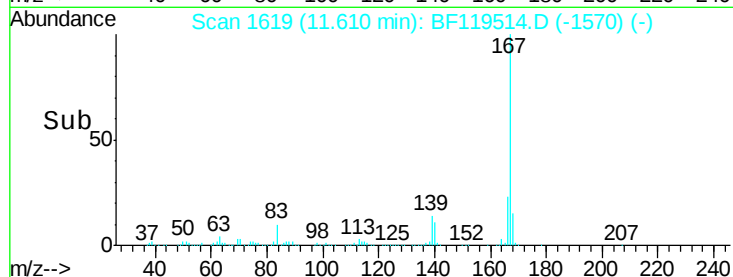
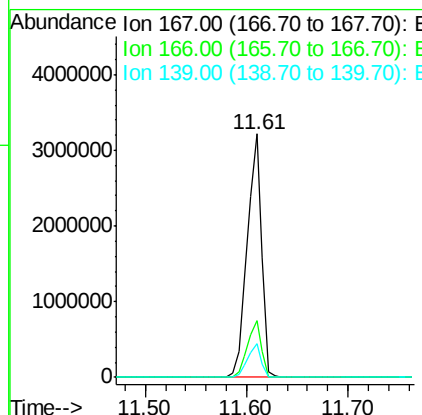
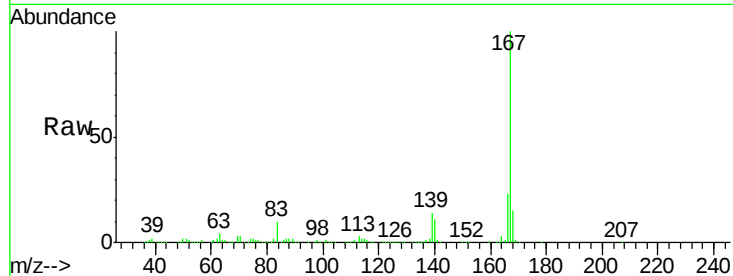
#73
 Carbazole
 Concen: 41.647 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion:167 Resp: 3177448
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.6
 139 13.7 10.2 15.4

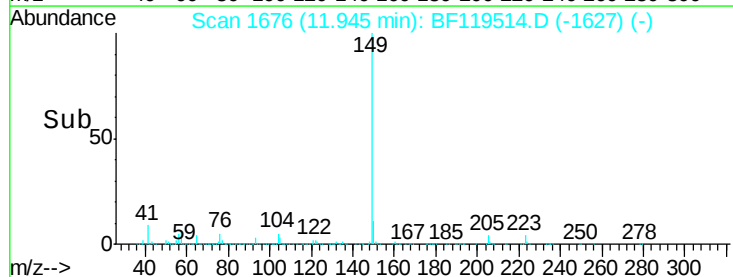
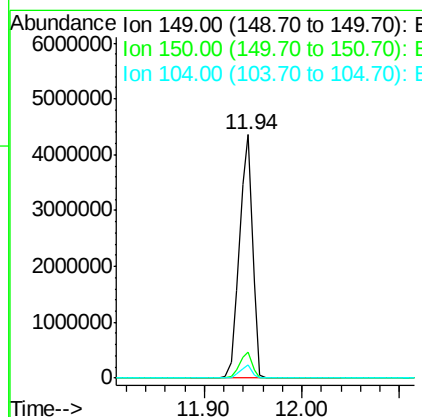
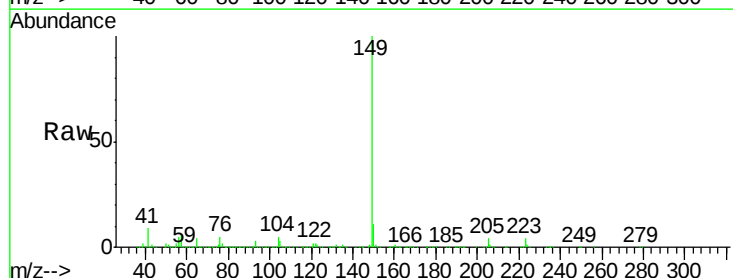
Manual Integrations
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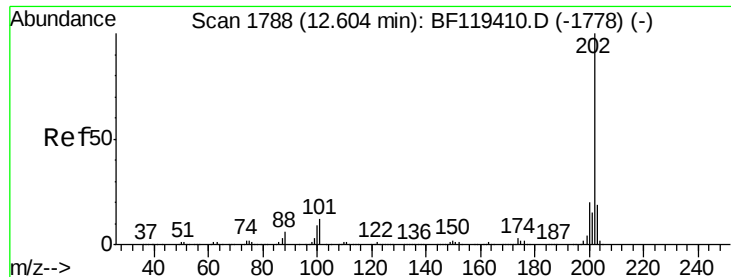
mohammad
 3/27/2020 8:12:02 AM



#74
 Di-n-butylphthalate
 Concen: 49.850 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:149 Resp: 4068489
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.6 11.4
 104 5.3 3.5 5.3#





#75

Fluoranthene

Concen: 43.386 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:202 Resp: 3561078

Ion Ratio Lower Upper

202 100

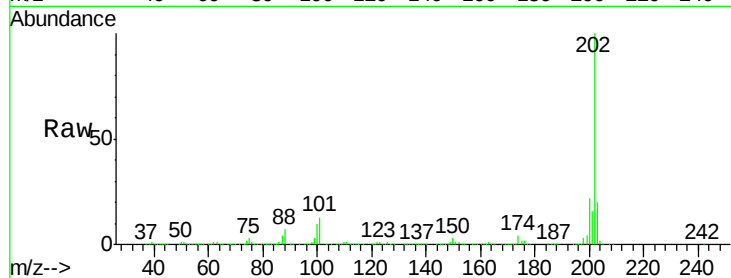
101 13.4 0.0 32.4

203 19.5 0.0 38.5

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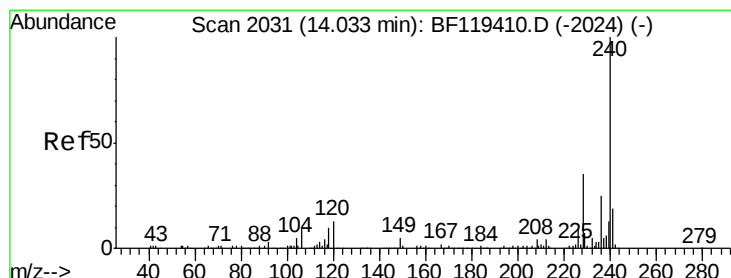
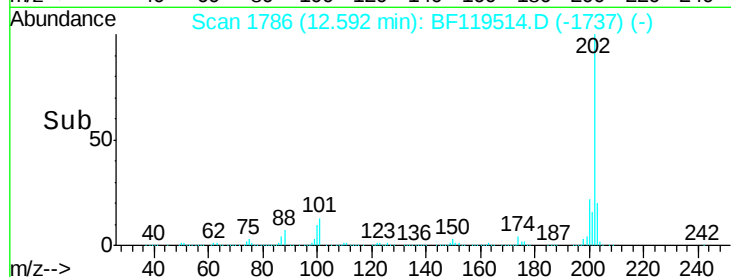
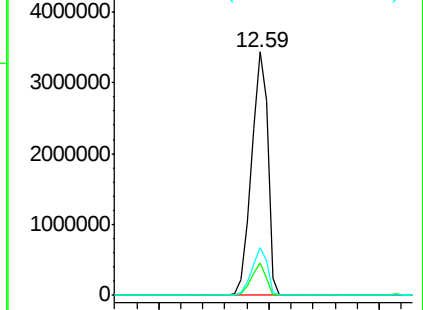
3/27/2020 8:12:02 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

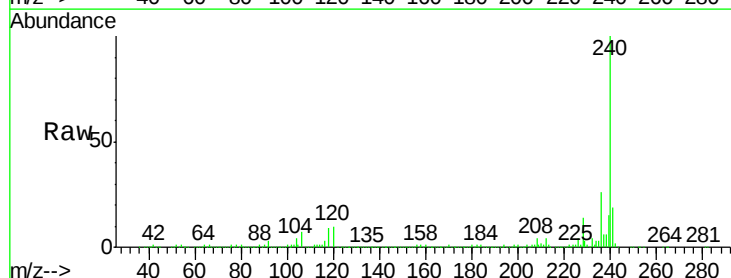
Tgt Ion:240 Resp: 986811

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

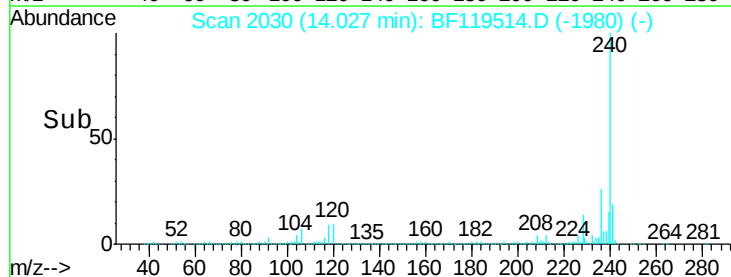
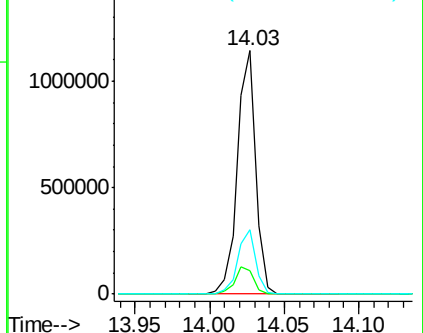
236 26.5 20.4 30.6

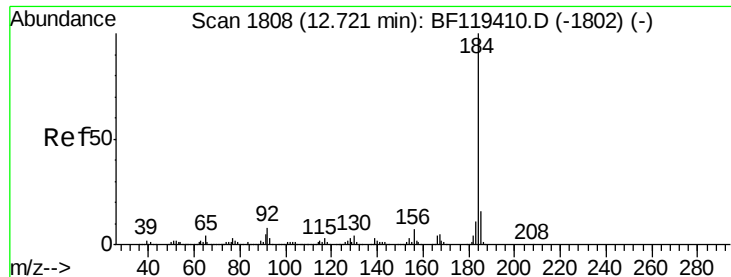


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.695 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:184 Resp: 2033590

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

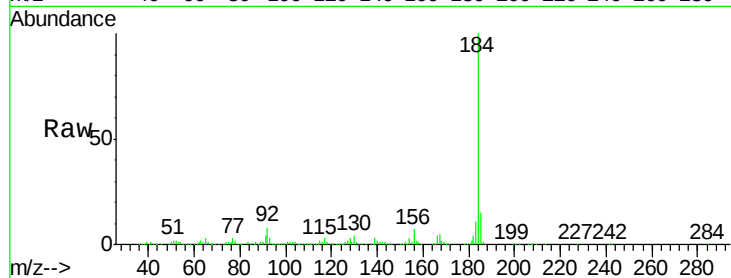
183 11.3 9.0 13.4

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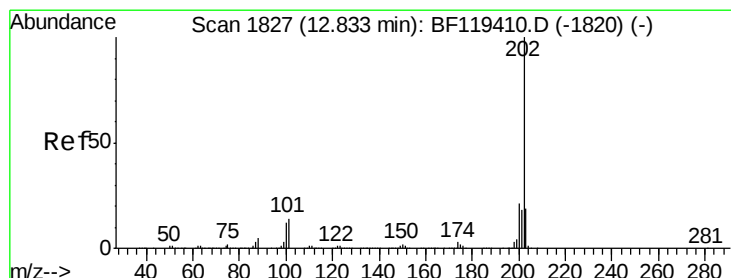
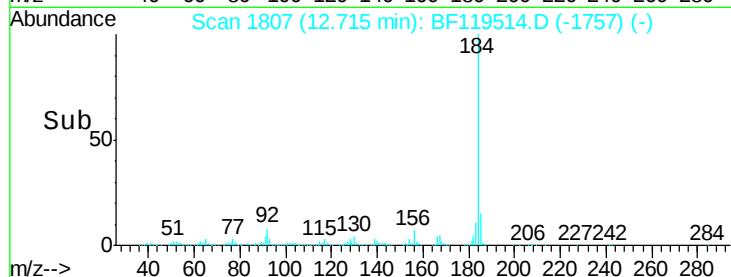
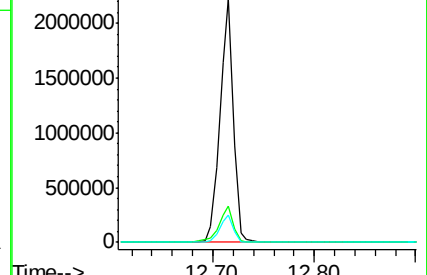
3/27/2020 8:12:02 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.187 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

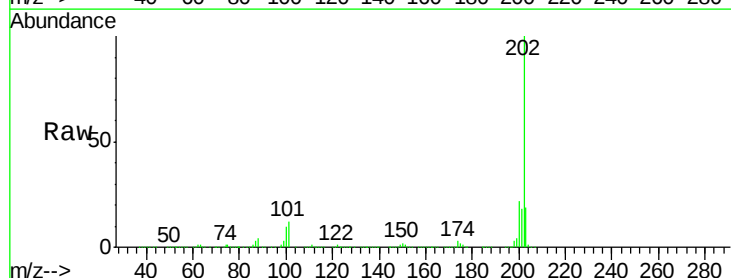
Tgt Ion:202 Resp: 3578542

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

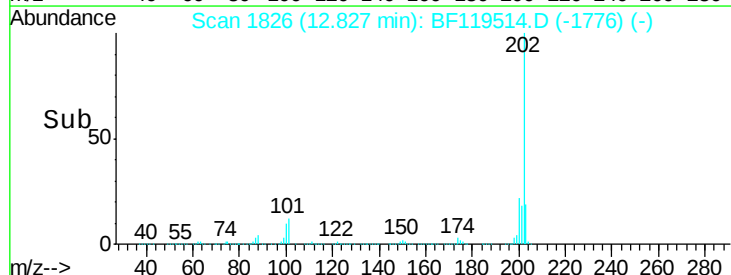
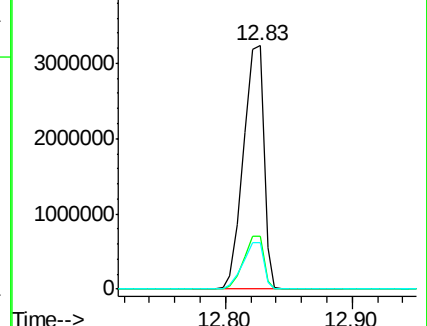
203 18.8 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





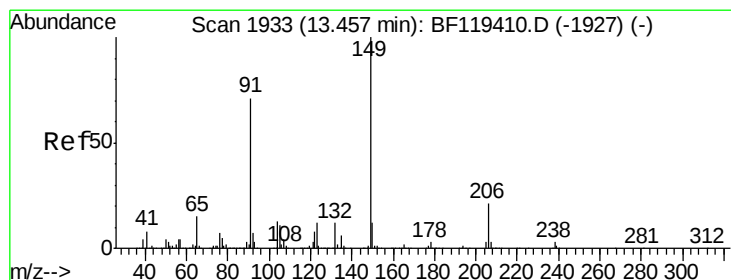
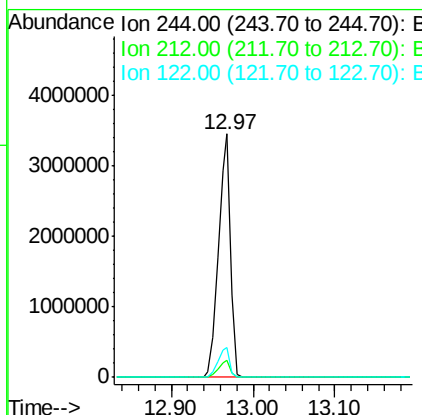
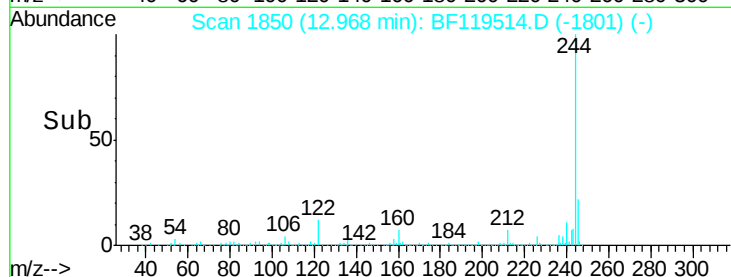
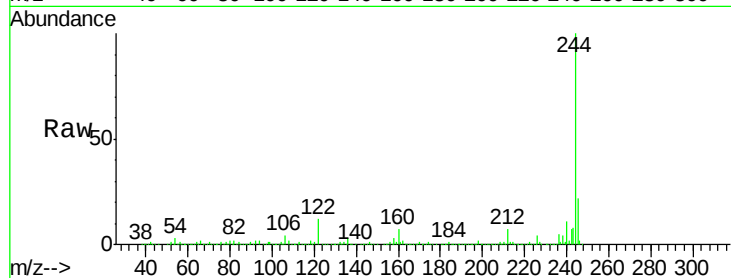
#79
 Terphenyl-d14
 Concen: 69.831 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.3	9.8	14.8

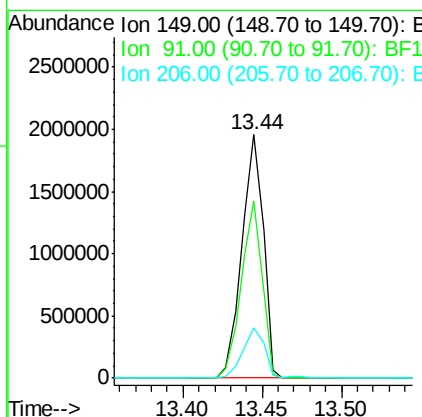
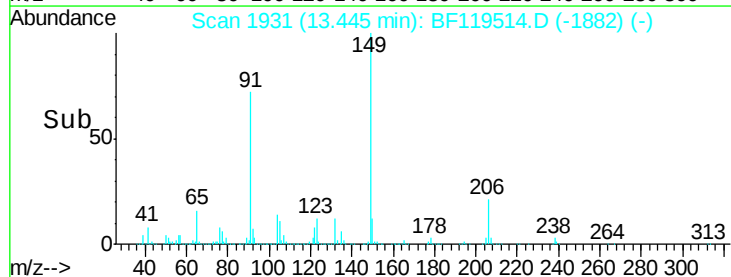
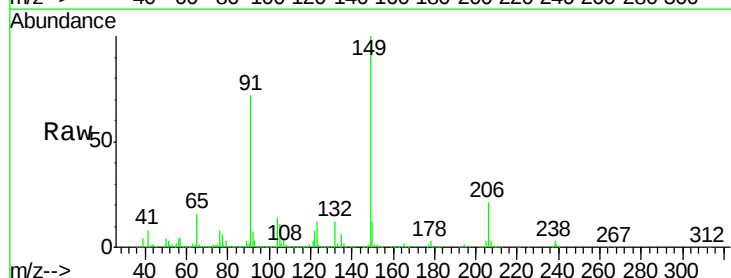
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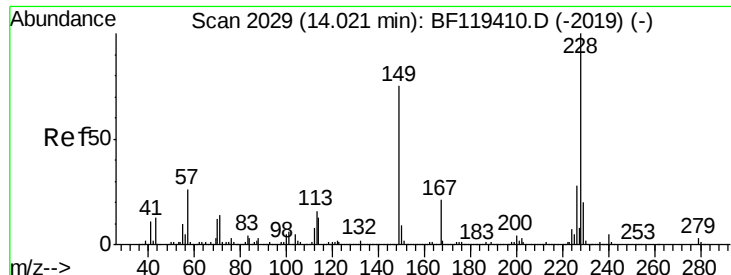
mohammad
 3/27/2020 8:12:02 AM



#80
 Butylbenzylphthalate
 Concen: 55.752 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.0	85.6
206	20.9	16.4	24.6





#81

Benzo(a)anthracene

Concen: 43.419 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

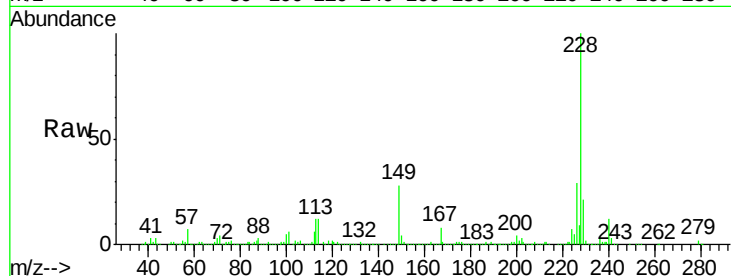
ClientSampleId :

SB-30-(8-8.5)MS

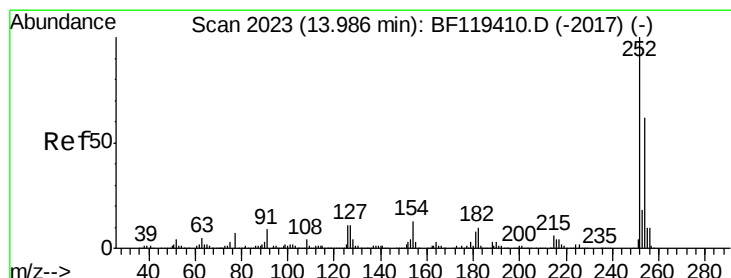
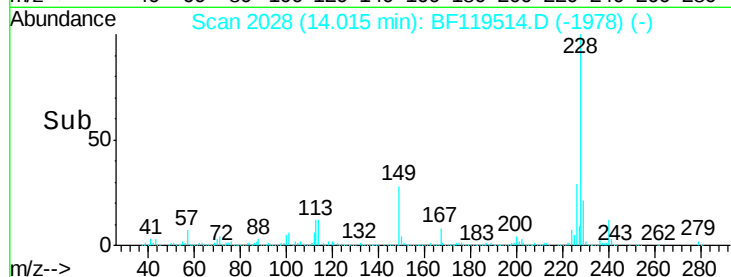
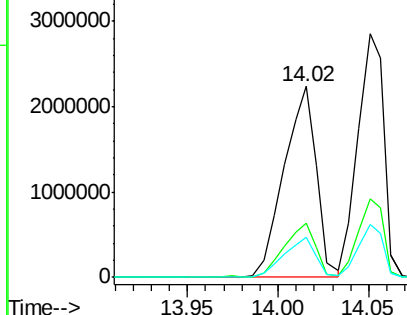
Tot Ion:	228	Resp:	2786243
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.9	16.3	24.5

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



#82

3,3'-Dichlorobenzidine

Concen: 31.873 ng

RT: 13.97 min Scan# 2021

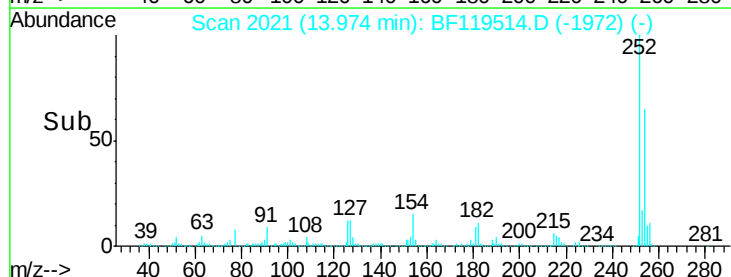
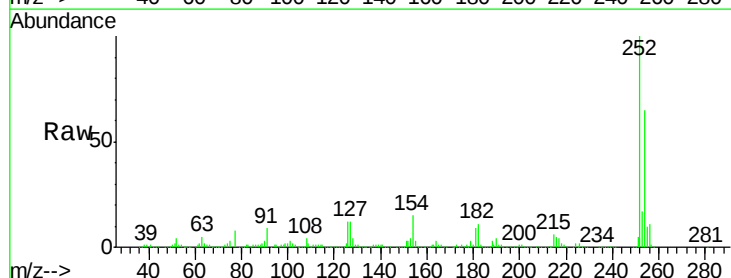
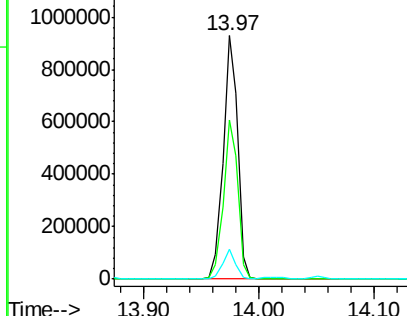
Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Tgt Ion:	252	Resp:	806437
Ion	Ratio	Lower	Upper
252	100		
254	65.3	49.8	74.8
126	12.1	8.9	13.3

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





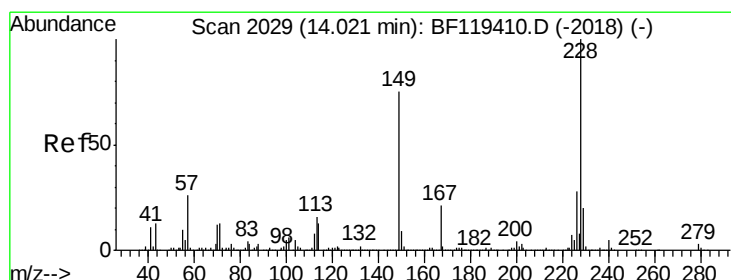
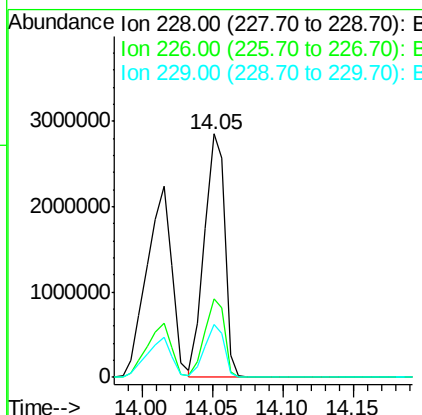
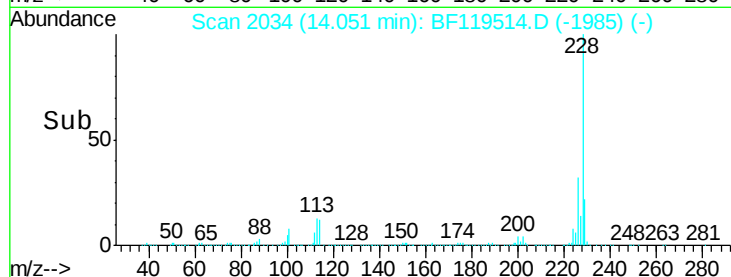
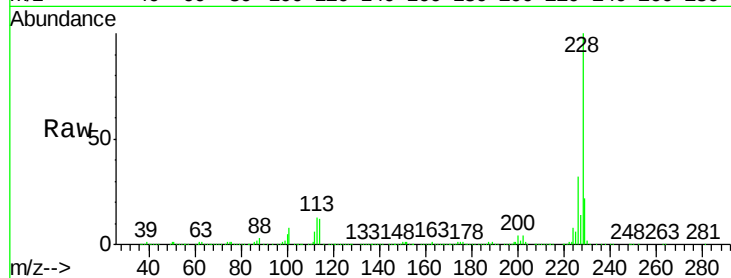
#83
 Chrysene
 Concen: 43.162 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MS

Tot Ion:228 Resp: 2858450
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.8 37.2
 229 21.7 16.6 25.0

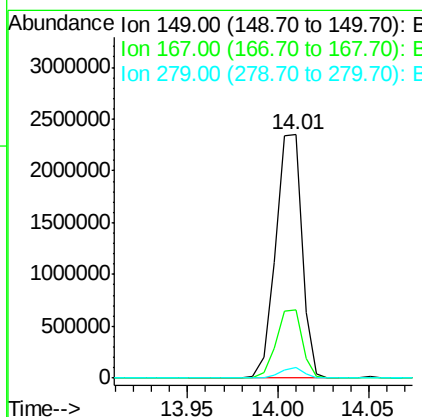
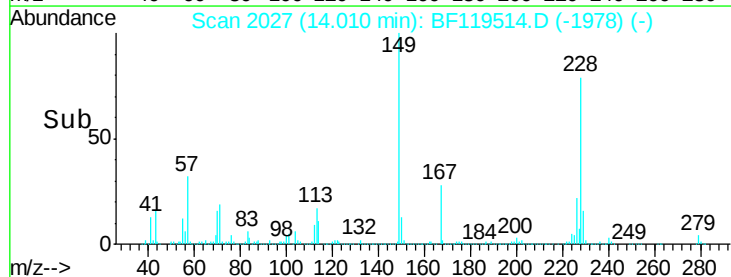
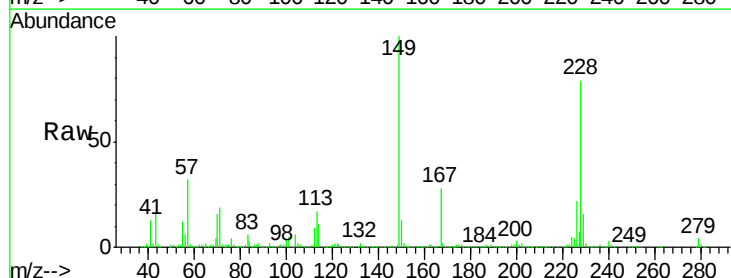
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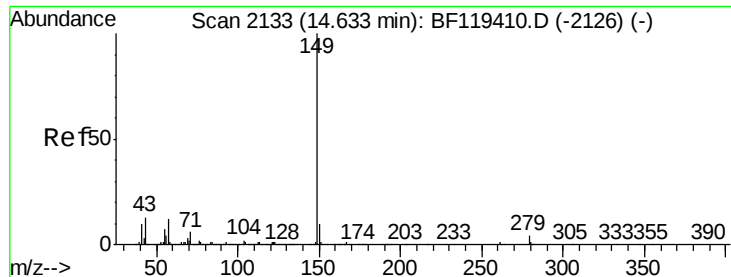
mohammad
 3/27/2020 8:12:02 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.574 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF119514.D
 Acq: 25 Mar 2020 20:26

Tgt Ion:149 Resp: 2365234
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.0 33.0
 279 4.4 3.2 4.8





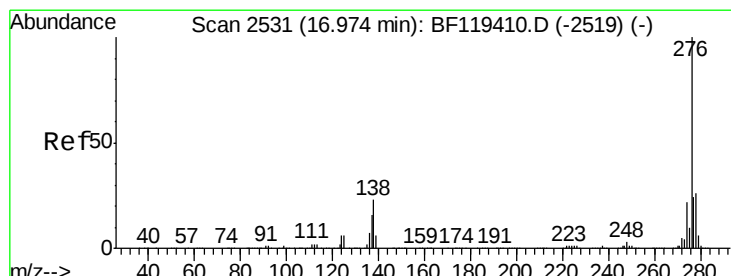
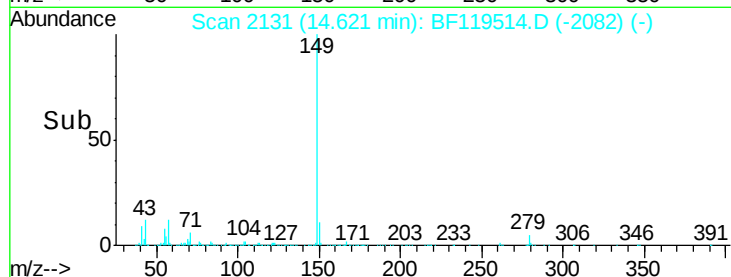
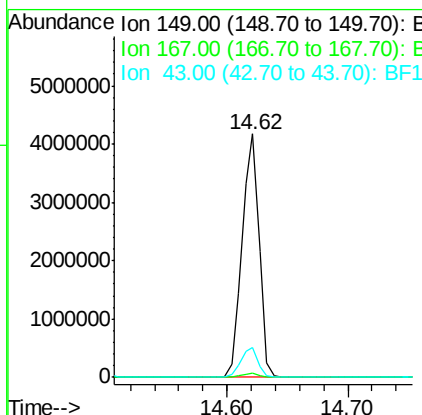
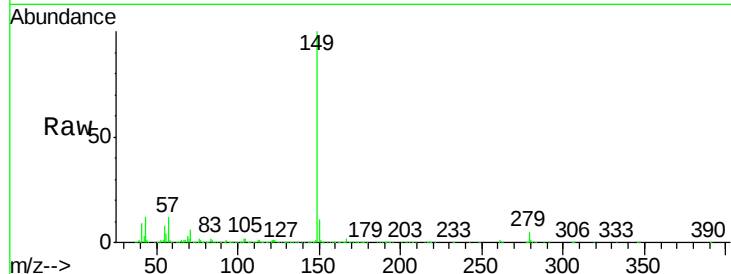
#85
Di-n-octyl phthalate
Concen: 60.019 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion:149 Resp: 4121696
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 12.1 10.1 15.1

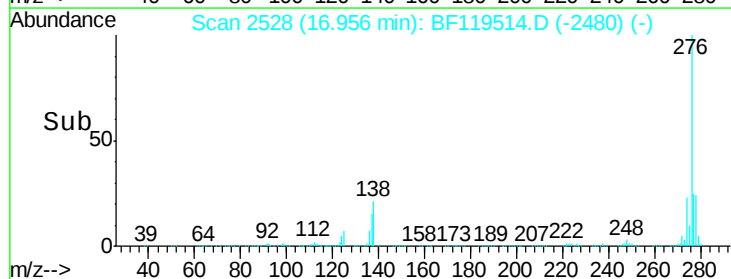
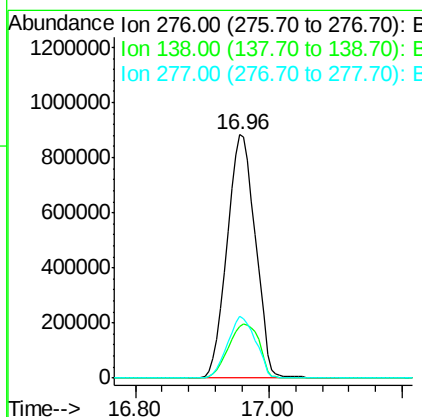
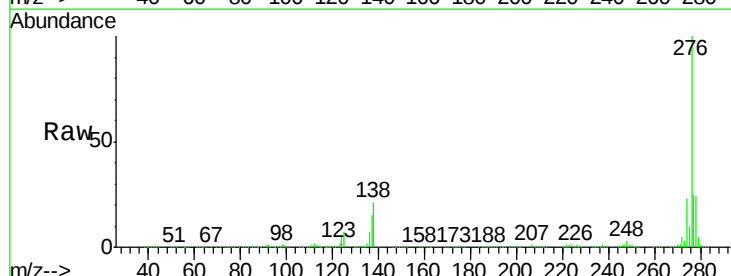
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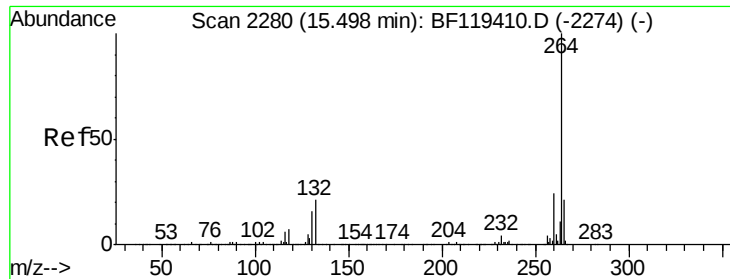
mohammad
3/27/2020 8:12:02 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.127 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion:276 Resp: 2627590
Ion Ratio Lower Upper
276 100
138 24.1 21.3 31.9
277 25.4 20.2 30.2





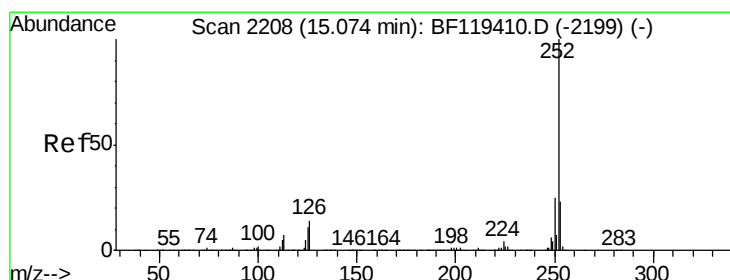
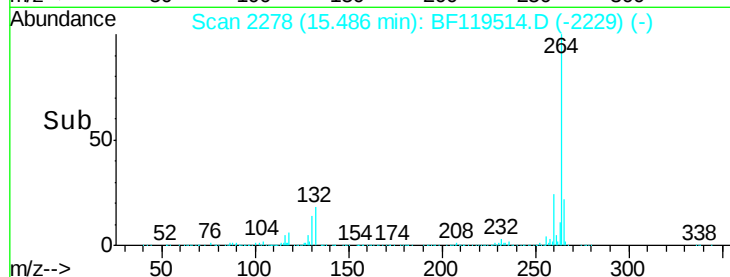
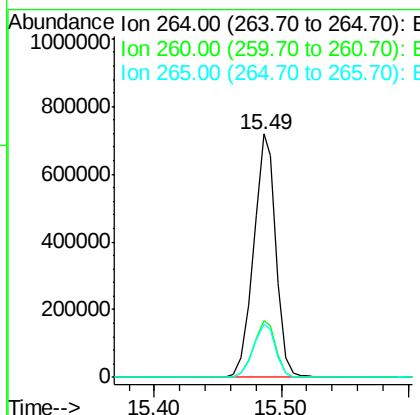
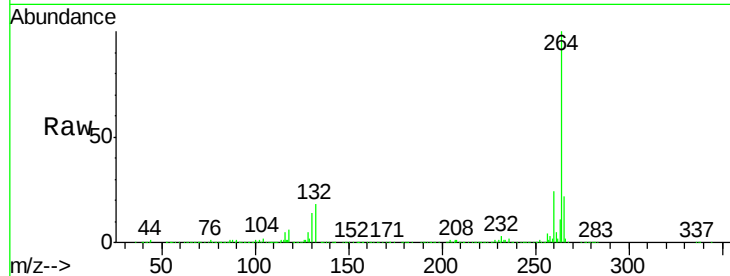
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	16.9	25.3

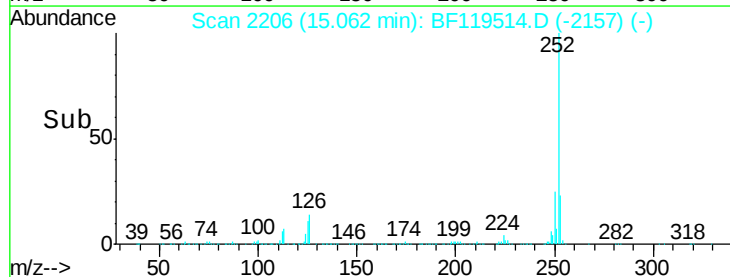
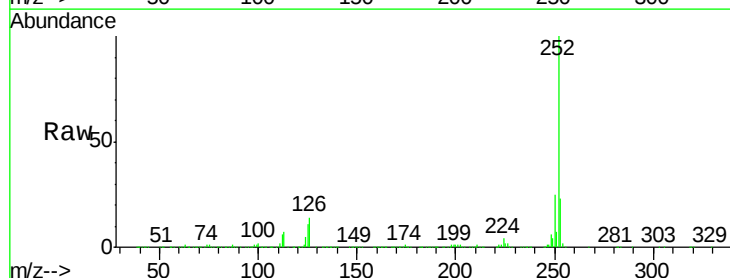
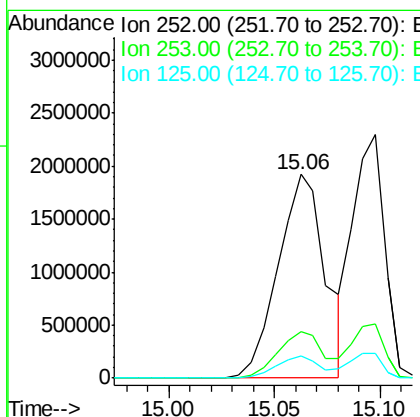
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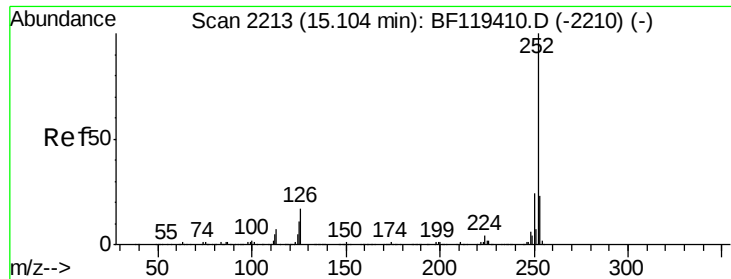
mohammad
3/27/2020 8:12:02 AM



#88
Benzo(b)fluoranthene
Concen: 50.813 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	10.8	8.8	13.2





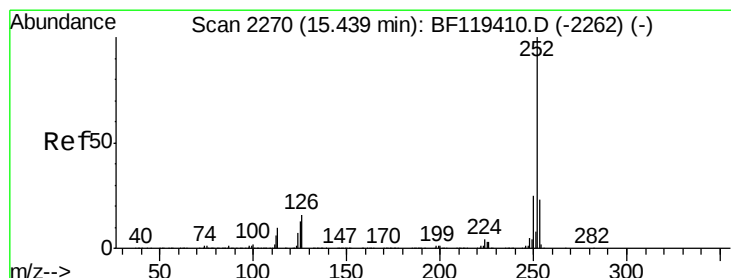
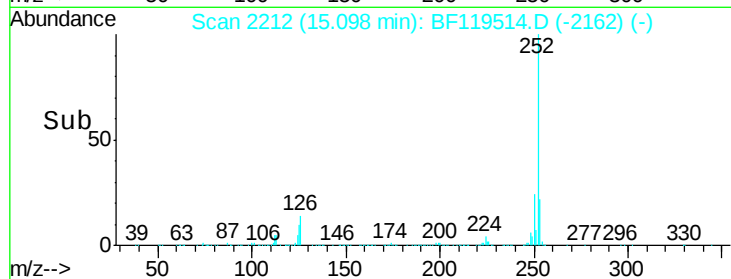
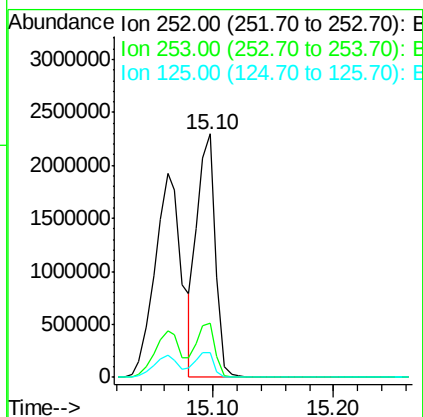
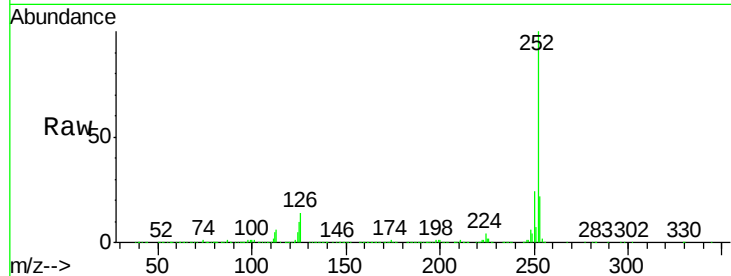
#89
Benzo(k)fluoranthene
Concen: 43.431 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.0	9.0	13.4

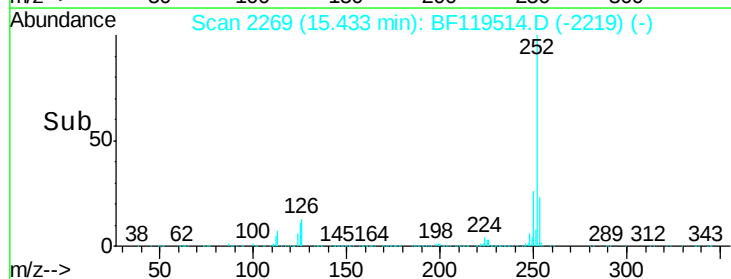
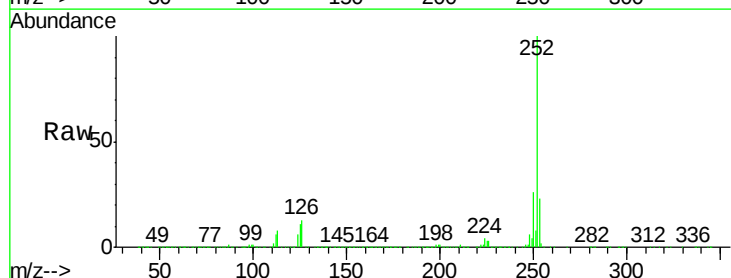
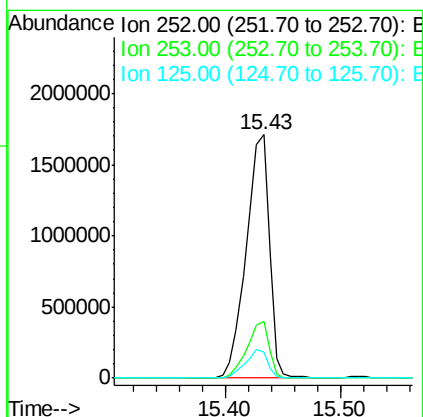
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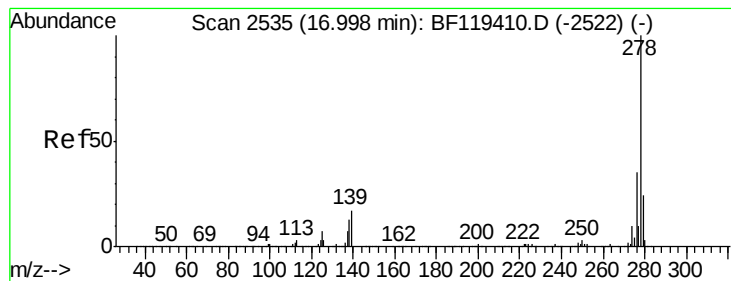
mohammad
3/27/2020 8:12:02 AM



#90
Benzo(a)pyrene
Concen: 44.881 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119514.D
Acq: 25 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	10.9	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 47.067 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MS

Tot Ion:278 Resp: 2198711

Ion Ratio Lower Upper

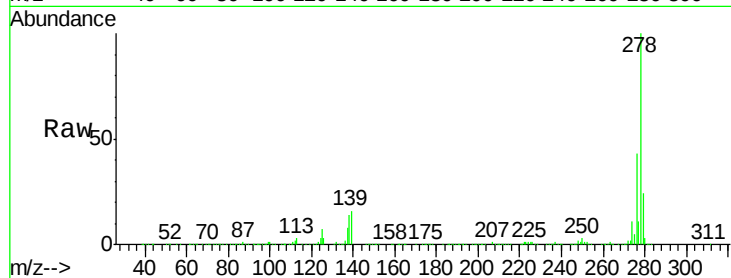
278 100

139 16.3 13.7 20.5

279 24.2 19.2 28.8

Manual Integrations
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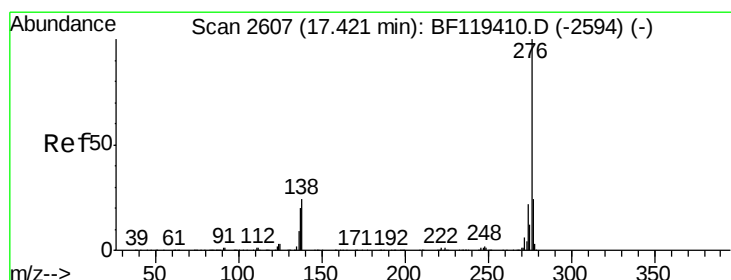
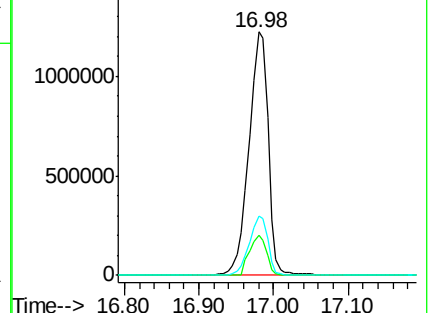
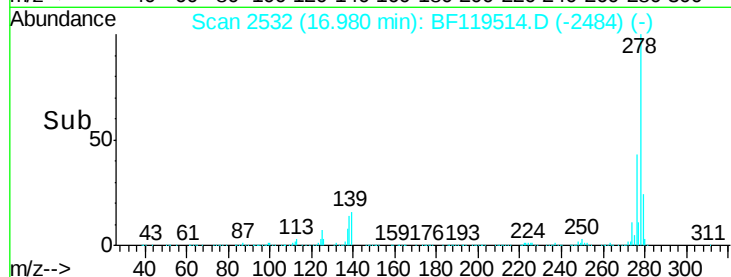
mohammad
3/27/2020 8:12:02 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.694 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119514.D

Acq: 25 Mar 2020 20:26

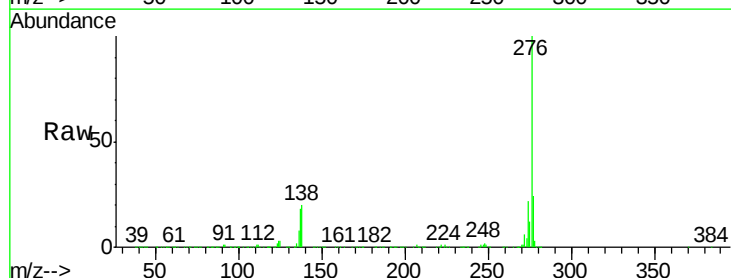
Tgt Ion:276 Resp: 2144448

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 19.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

