

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118685.D
 Acq On : 24 Jan 2020 15:00
 Operator : CG/JU
 Sample : L1241-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Manual Integrations
 APPROVED

mohammad
 1/28/2020 8:12:10 AM

Quant Time: Jan 27 01:29:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273139	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1080289	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	575504	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	1013551	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	566548	20.00	ng	-0.03
87) Perylene-d12	15.47	264	627117	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1605728	109.18	ng	0.00
7) Phenol-d6	6.49	99	2011384	105.23	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1387444	71.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	714294	107.31	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2624290	74.95	ng	-0.02
79) Terphenyl-d14	12.96	244	2825743	108.79	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	303603	42.622	ng	97
3) Pyridine	3.47	79	782962	38.998	ng	97
4) n-Nitrosodimethylamine	3.37	42	352797	40.988	ng	83
6) Aniline	6.52	93	714687	28.395	ng	99
8) 2-Chlorophenol	6.65	128	820815	49.725	ng	95
9) Benzaldehyde	6.41	77	415371	35.731	ng	94
10) Phenol	6.51	94	1024548	47.033	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	756313	46.796	ng	95
12) 1,3-Dichlorobenzene	6.80	146	892139	46.175	ng	99
13) 1,4-Dichlorobenzene	6.88	146	907938	46.814	ng	98
14) 1,2-Dichlorobenzene	7.04	146	846506	46.429	ng	98
15) Benzyl Alcohol	7.00	79	696386	45.940	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	992404	44.084	ng	99
17) 2-Methylphenol	7.12	107	703416	51.158	ng	96
18) Hexachloroethane	7.38	117	335855	47.756	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	573127	44.405	ng	98
20) 3+4-Methylphenols	7.27	107	826398	49.227	ng	95
22) Acetophenone	7.27	105	1093953	42.747	ng	# 93
24) Nitrobenzene	7.45	77	880888	44.544	ng	94
25) Isophorone	7.69	82	1603198	45.510	ng	97
26) 2-Nitrophenol	7.76	139	468077	55.504	ng	93
27) 2,4-Dimethylphenol	7.80	122	741398	50.911	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	993571	43.773	ng	99
29) 2,4-Dichlorophenol	8.00	162	750750	46.635	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	851013	45.592	ng	99
31) Naphthalene	8.17	128	2387277	48.919	ng	99
32) Benzoic acid	7.92	122	511872	46.835	ng	94
33) 4-Chloroaniline	8.21	127	277640	12.309	ng	98
34) Hexachlorobutadiene	8.29	225	487805	42.914	ng	99
35) Caprolactam	8.58	113	247874m	47.051	ng	
36) 4-Chloro-3-methylphenol	8.69	107	744580	46.838	ng	97
37) 2-Methylnaphthalene	8.86	142	1667425	48.407	ng	99
38) 1-Methylnaphthalene	8.96	142	1521193	46.484	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	792438	44.007	ng	99

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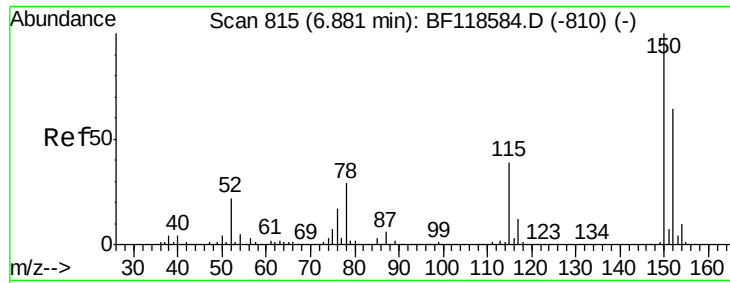
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 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	858152	94.456	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	565009	47.284	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	587580	48.148	nq	97
46) 1,1'-Biphenyl	9.32	154	1936530	48.824	nq	98
47) 2-Chloronaphthalene	9.35	162	1559880	46.659	nq	98
48) 2-Nitroaniline	9.44	65	424586	41.315	nq	# 84
49) Acenaphthylene	9.76	152	2360732	50.195	nq	97
50) Dimethylphthalate	9.62	163	2072626	55.278	nq	99
51) 2,6-Dinitrotoluene	9.68	165	422219	50.287	nq	# 78
52) Acenaphthene	9.93	154	1588621	50.515	nq	98
53) 3-Nitroaniline	9.85	138	228510	23.835	nq	98
54) 2,4-Dinitrophenol	9.95	184	364249	108.668	nq	# 36
55) Dibenzofuran	10.10	168	2132549	48.932	nq	96
56) 4-Nitrophenol	10.01	139	669376	92.487	nq	86
57) 2,4-Dinitrotoluene	10.08	165	546297	51.613	nq	98
58) Fluorene	10.45	166	1591775	46.524	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	503763	46.932	nq	97
60) Diethylphthalate	10.32	149	1710750	47.058	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	857737	46.094	nq	98
62) 4-Nitroaniline	10.46	138	366506	37.269	nq	94
63) Azobenzene	10.60	77	1556856	44.219	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	271784	60.981	nq	78
66) n-Nitrosodiphenylamine	10.56	169	1500040	49.075	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	580771	46.380	nq	# 94
68) Hexachlorobenzene	11.00	284	652331	45.949	nq	95
69) Atrazine	11.08	200	480699	45.373	nq	99
70) Pentachlorophenol	11.19	266	689016	87.293	nq	98
71) Phenanthrene	11.41	178	2360835	48.281	nq	95
72) Anthracene	11.46	178	2410844	49.827	nq	95
73) Carbazole	11.61	167	2034931	45.853	nq	97
74) Di-n-butylphthalate	11.94	149	2463175	49.956	nq	98
75) Fluoranthene	12.59	202	2334432	45.264	nq	97
77) Benzidine	12.71	184	940689	62.142	nq	98
78) Pyrene	12.82	202	2290990	59.563	nq	95
80) Butylbenzylphthalate	13.44	149	893980	56.791	nq	94
81) Benzo(a)anthracene	14.00	228	1669732	48.993	nq	97
82) 3,3'-Dichlorobenzidine	13.96	252	379078	31.215	nq	98
83) Chrysene	14.04	228	1664789	50.968	nq	94
84) Bis(2-ethylhexyl)phthalate	14.00	149	1121295	58.304	nq	98
85) Di-n-octyl phthalate	14.60	149	1657255	58.217	nq	96
86) Indeno(1,2,3-cd)pyrene	16.94	276	2089341	73.618	nq	98
88) Benzo(b)fluoranthene	15.05	252	1636279	41.510	nq	99
89) Benzo(k)fluoranthene	15.08	252	1628318	44.587	nq	99
90) Benzo(a)pyrene	15.42	252	1553657	45.691	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	1740770	57.874	nq	100
92) Benzo(g,h,i)perylene	17.39	276	1845471	63.191	nq	98

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



#1

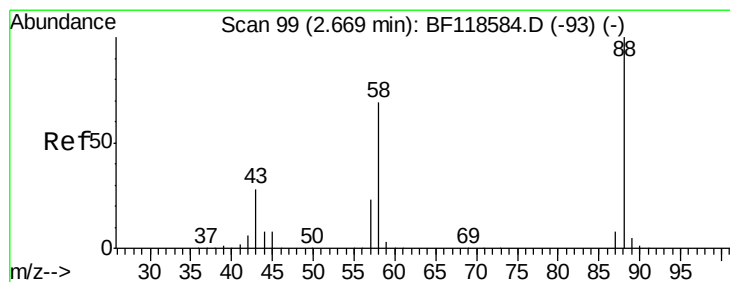
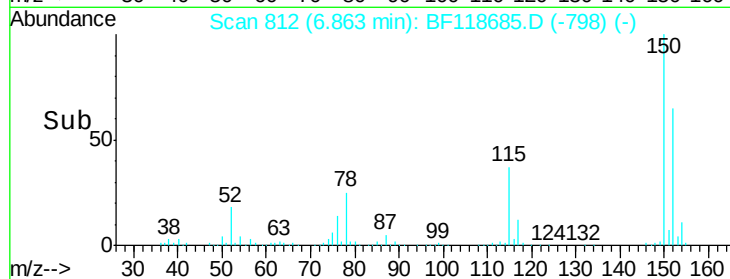
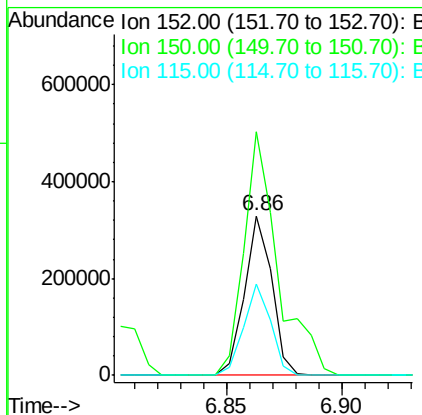
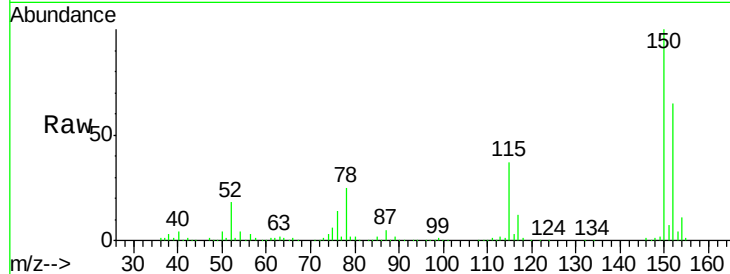
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	57.2	48.4	72.6

Manual Integrations
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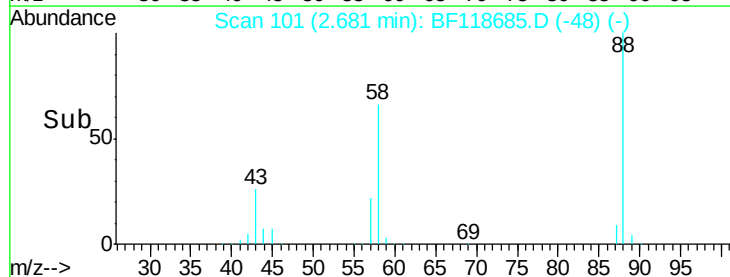
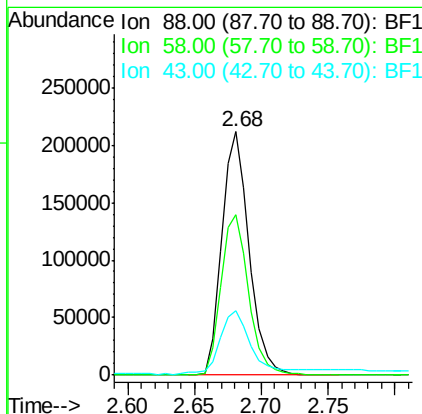
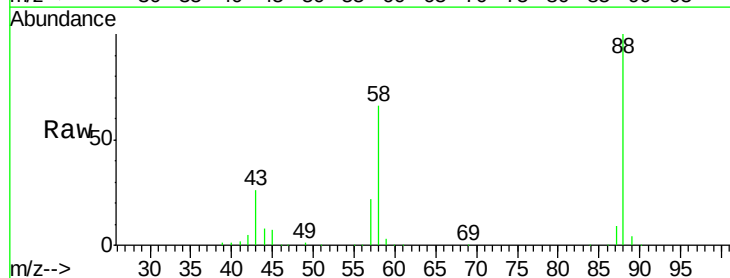
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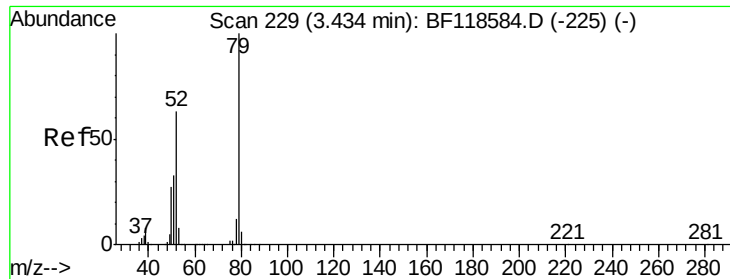


#2

1,4-Dioxane
Concen: 42.622 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	56.1	84.1
43	29.9	23.0	34.6





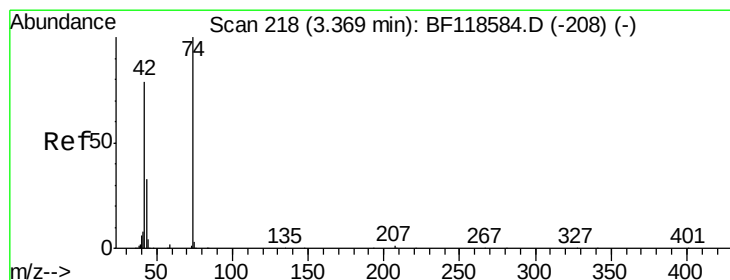
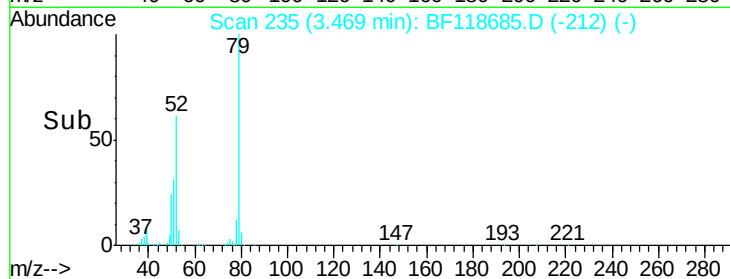
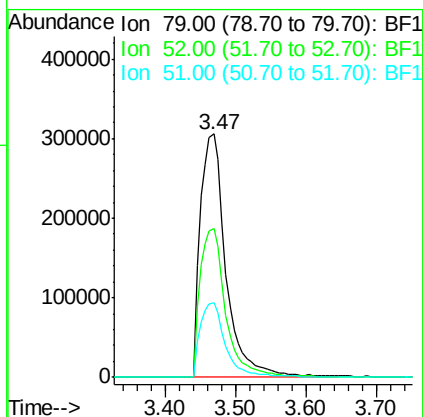
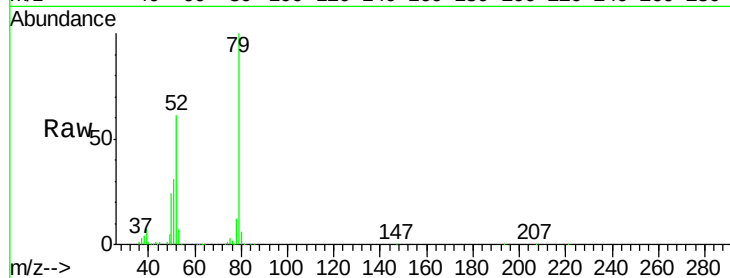
#3
 Pvridine
 Concen: 38.998 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.04 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.3	50.7	76.1
51	30.8	26.6	40.0

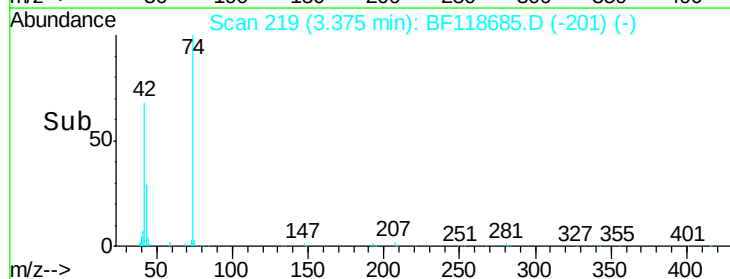
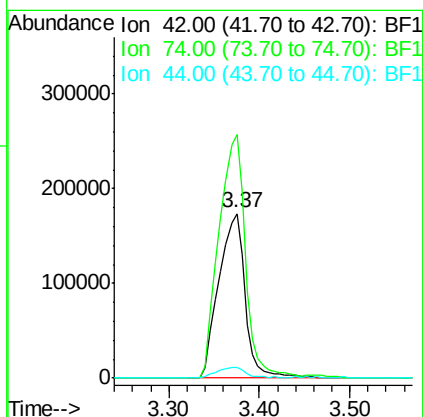
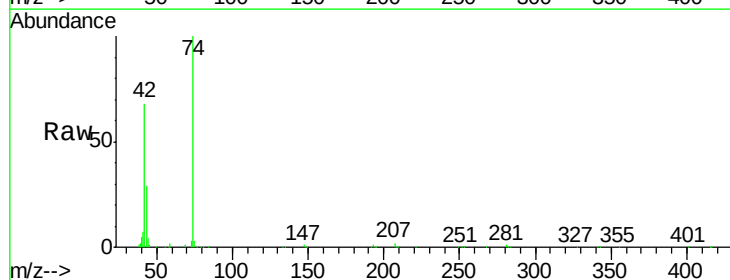
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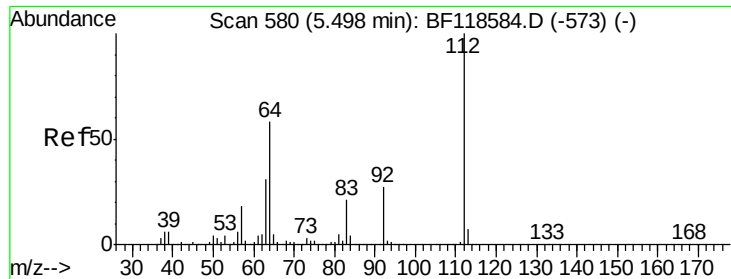
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#4
 n-Nitrosodimethylamine
 Concen: 40.988 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.0	101.6	152.4
44	6.3	4.9	7.3





#5

2-Fluorophenol

Concen: 109.184 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion:112 Resp: 1605728

Ion Ratio Lower Upper

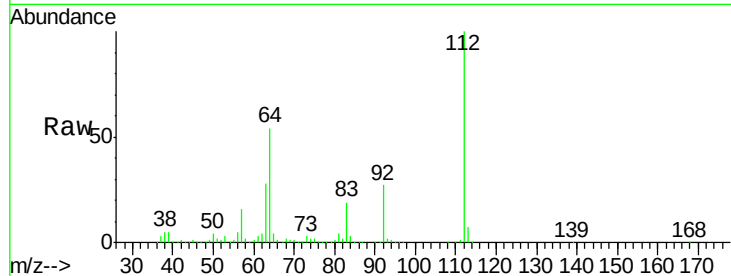
112 100

64 53.9 46.6 70.0

63 28.2 25.1 37.7

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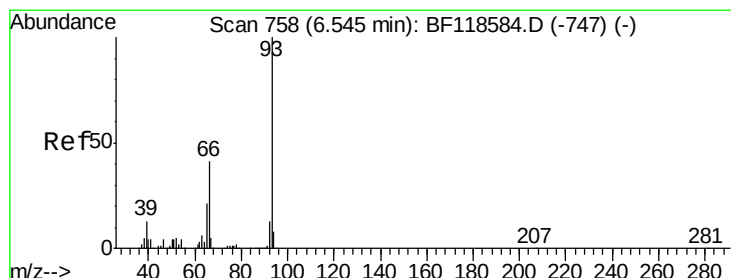
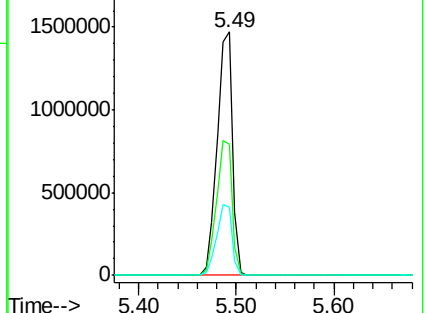
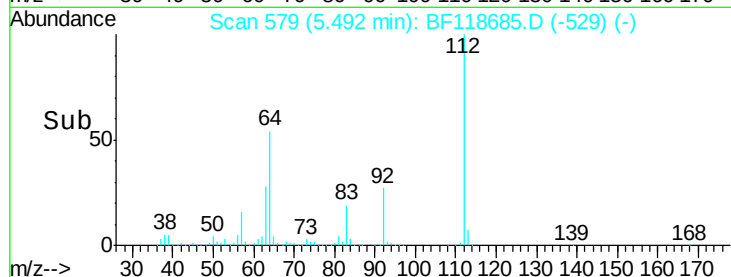
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.395 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

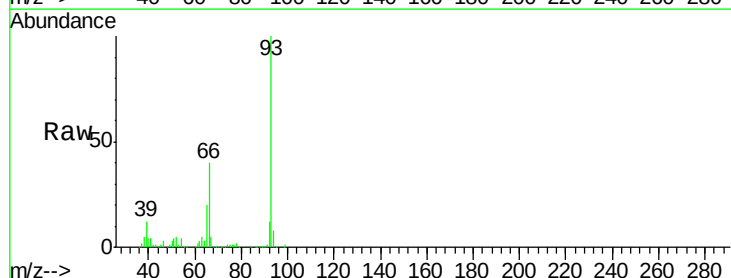
Tgt Ion: 93 Resp: 714687

Ion Ratio Lower Upper

93 100

66 40.1 32.8 49.2

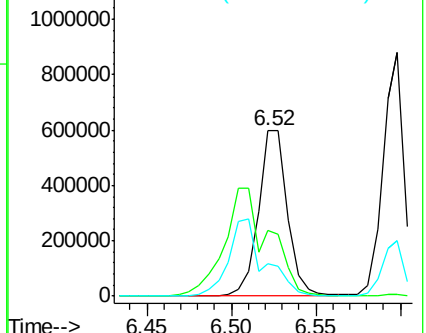
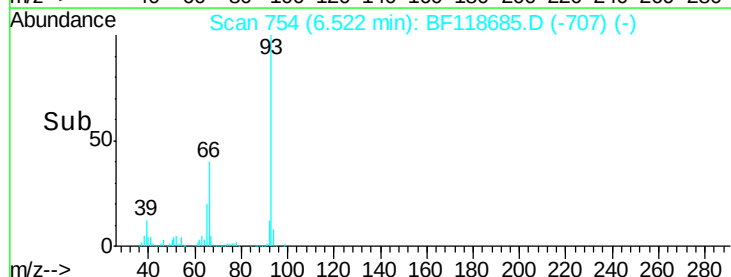
65 19.9 16.5 24.7

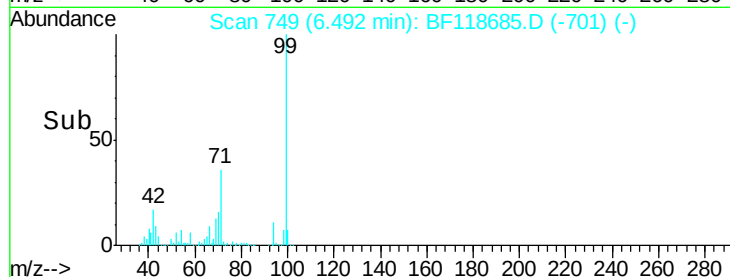
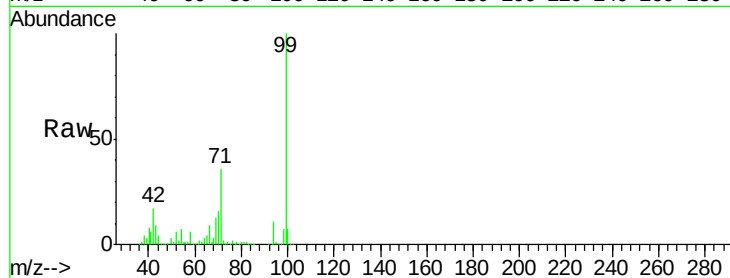
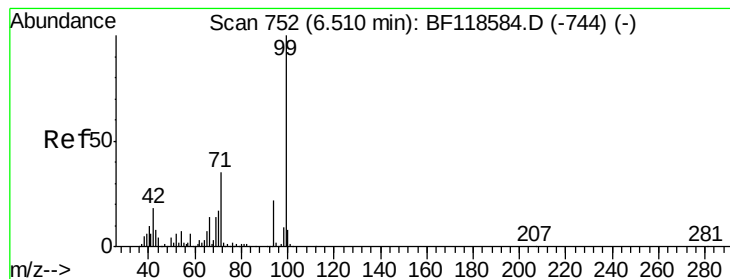


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.226 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tot Ion: 99 Resp: 2011384

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

71 35.9 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

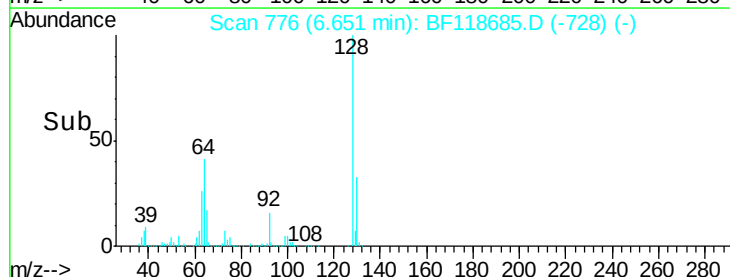
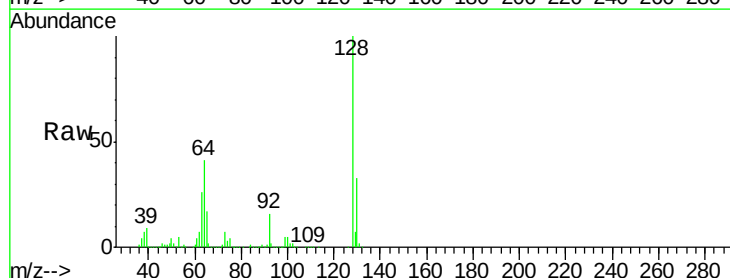
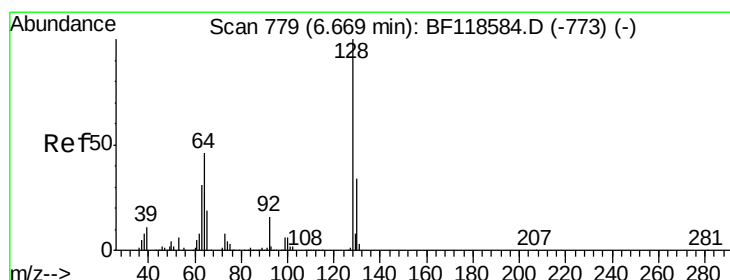
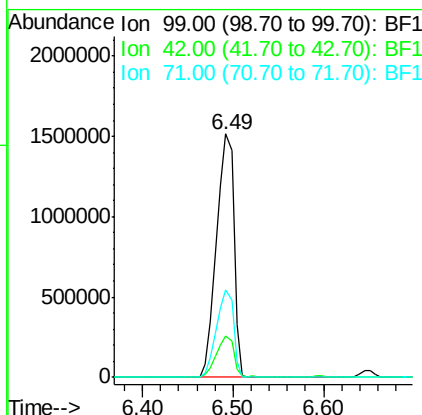
EP-12MS

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#8

2-Chlorophenol

Concen: 49.725 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

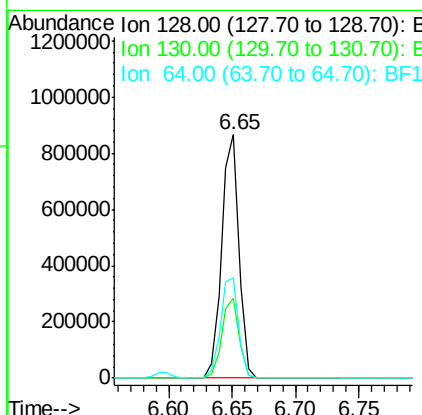
Tgt Ion: 128 Resp: 820815

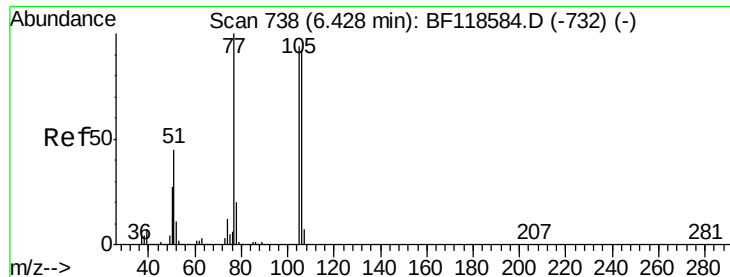
Ion Ratio Lower Upper

128 100

130 33.0 13.6 53.6

64 41.1 26.4 66.4





#9

Benzaldehyde

Concen: 35.731 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

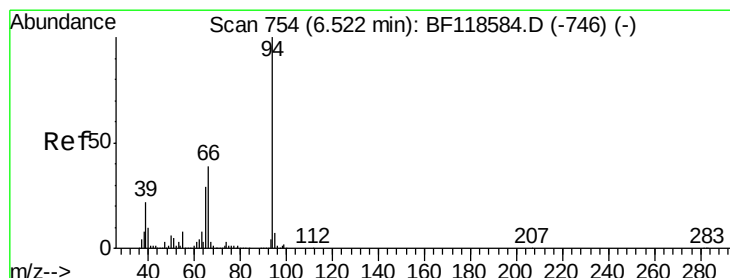
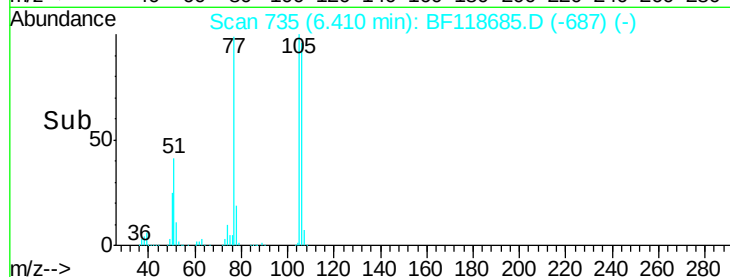
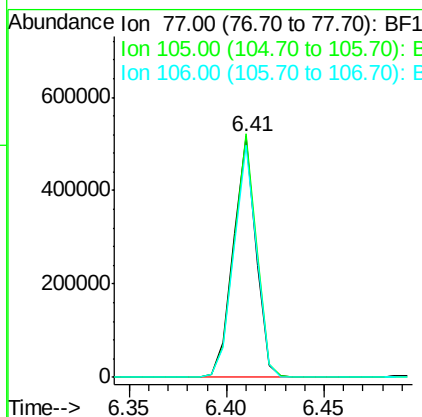
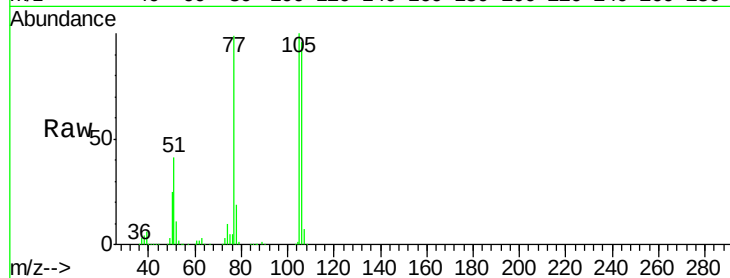
ClientSampleId :

EP-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.1	73.5	113.5		
106	96.6	71.9	111.9		

Manual Integrations
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#10

Phenol

Concen: 47.033 ng

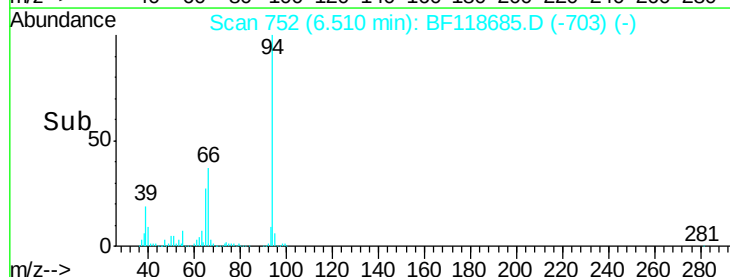
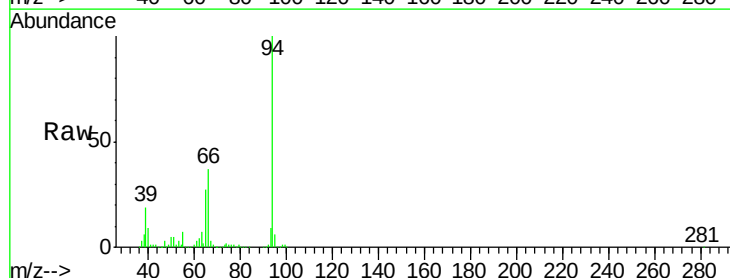
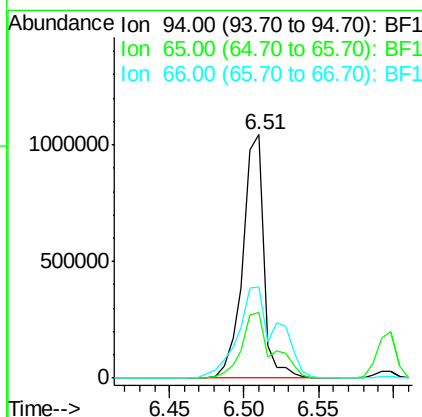
RT: 6.51 min Scan# 752

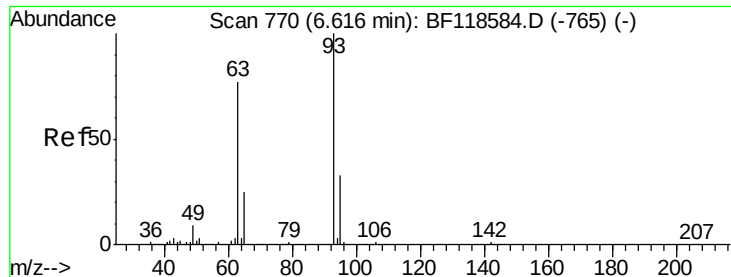
Delta R.T. -0.01 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.9	9.5	49.5		
66	37.4	18.5	58.5		





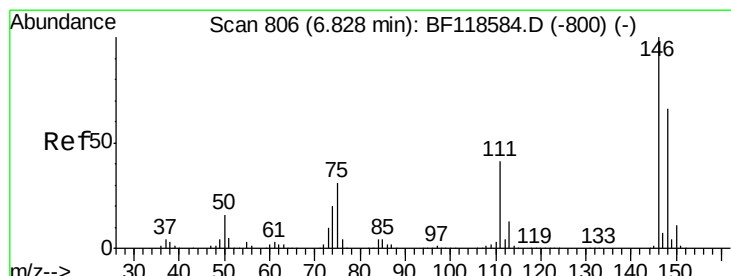
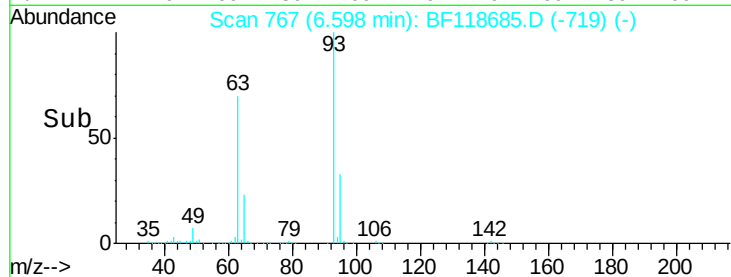
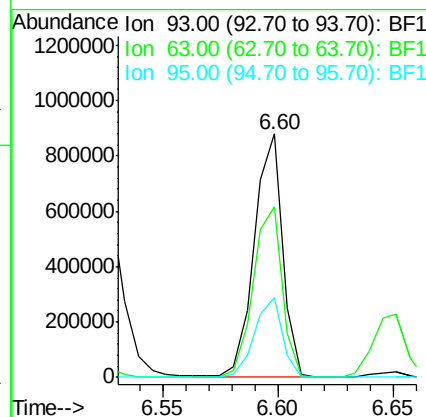
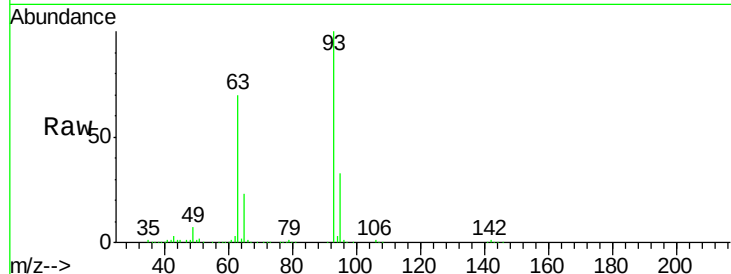
#11
bis(2-Chloroethyl)ether
Concen: 46.796 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	756313		
63	69.9		56.3	96.3
95	33.0		13.3	53.3

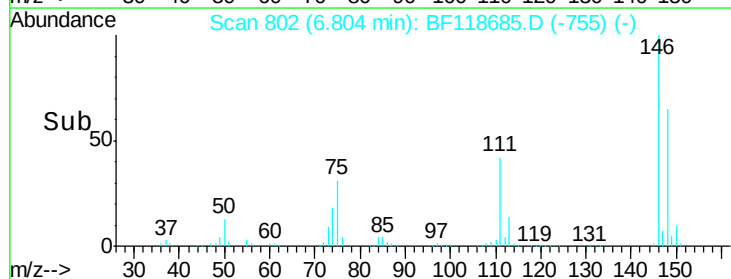
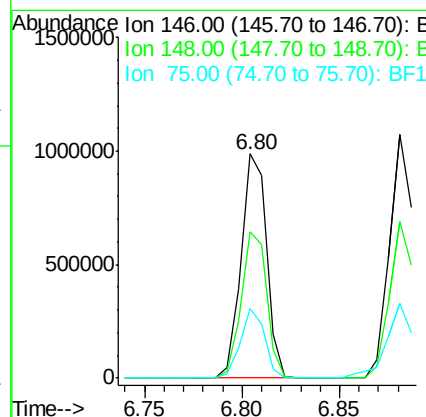
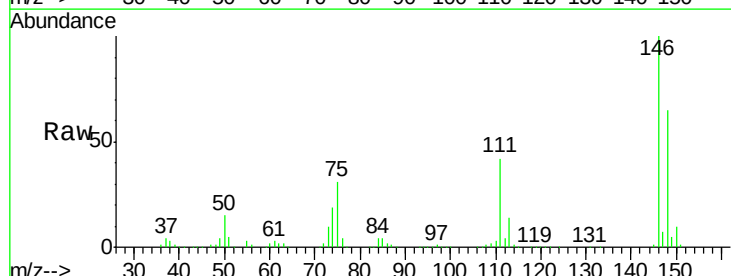
Manual Integrations
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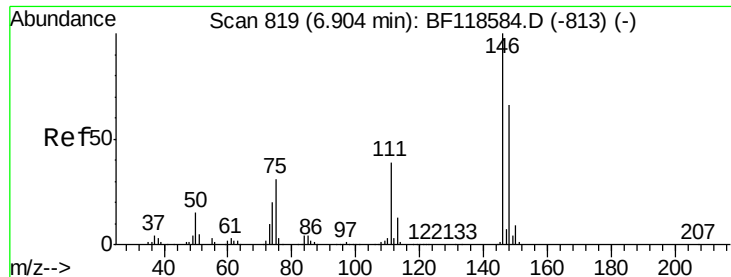
mohammad
1/28/2020 8:12:10 AM



#12
1,3-Dichlorobenzene
Concen: 46.175 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	892139		
148	65.1		53.0	79.6
75	31.0		25.1	37.7





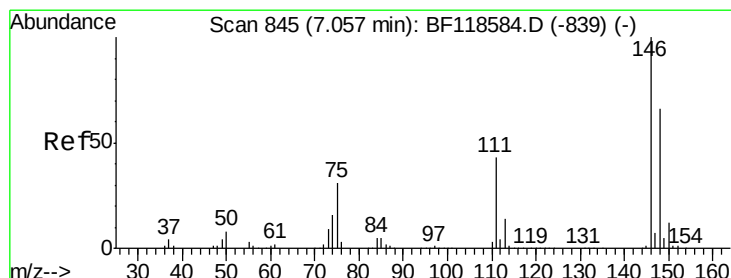
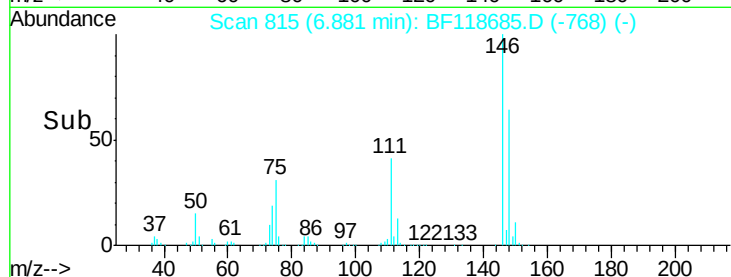
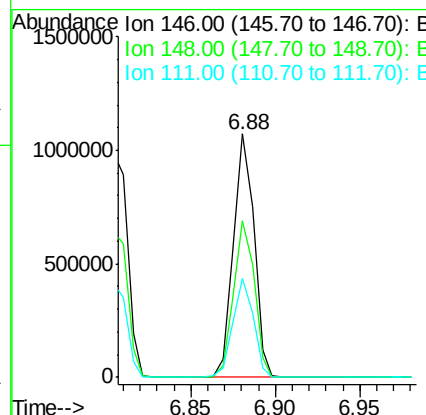
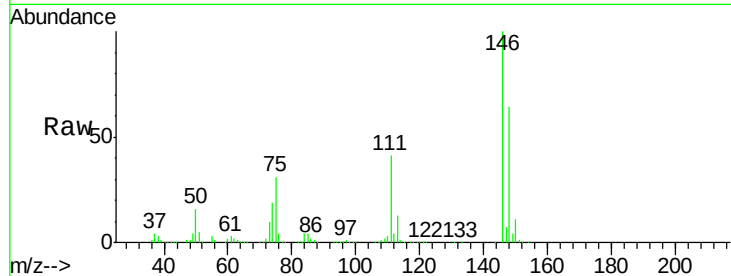
#13
 1,4-Dichlorobenzene
 Concen: 46.814 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.4	78.6
111	40.6	31.6	47.4

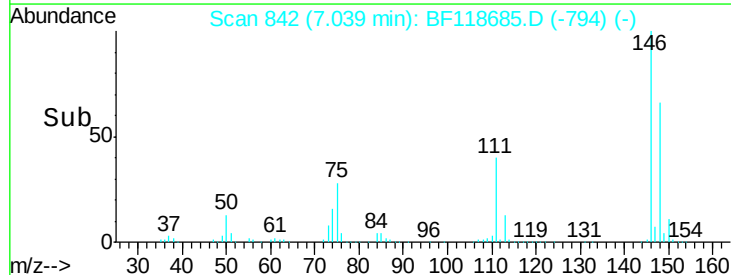
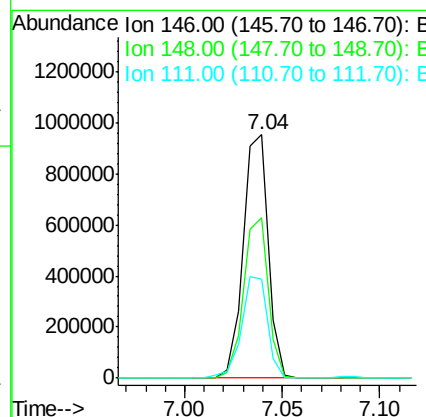
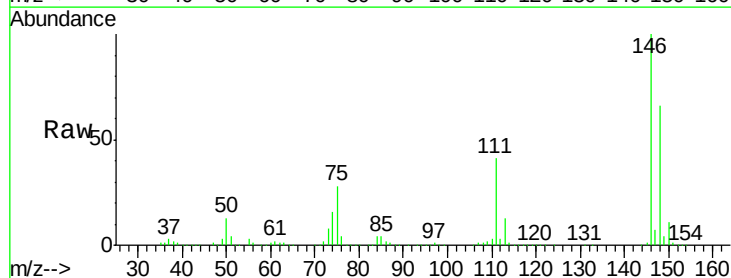
Manual Integrations
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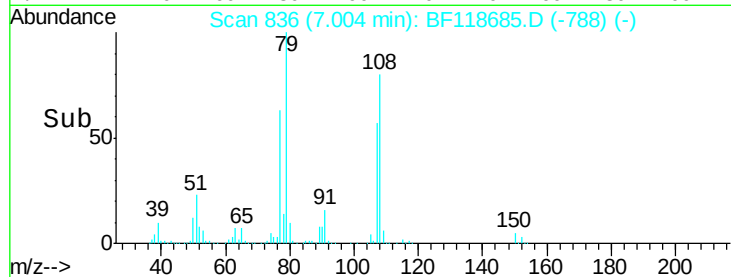
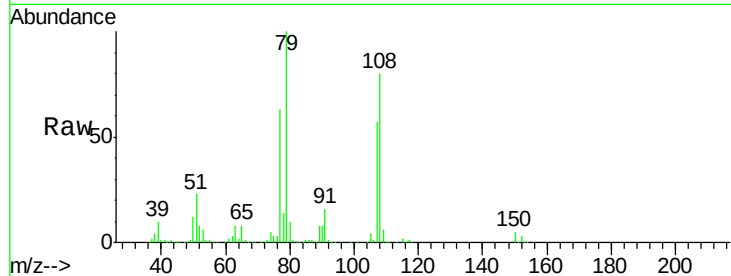
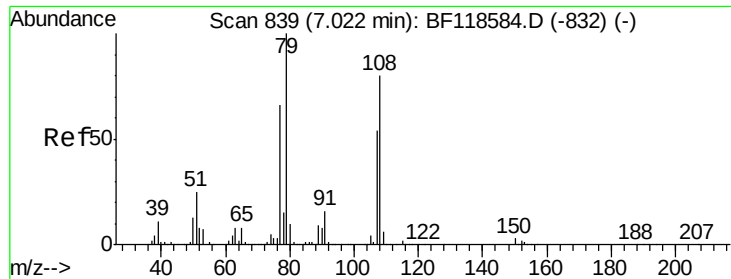
mohammad
 1/28/2020 8:12:10 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.429 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.7	79.1
111	40.6	34.6	52.0





#15

Benzyl Alcohol

Concen: 45.940 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tot Ion:	79	Resp:	696386
Ion Ratio	Lower	Upper	
79	100		
108	79.8	63.6	95.4
77	62.7	52.5	78.7

Instrument :

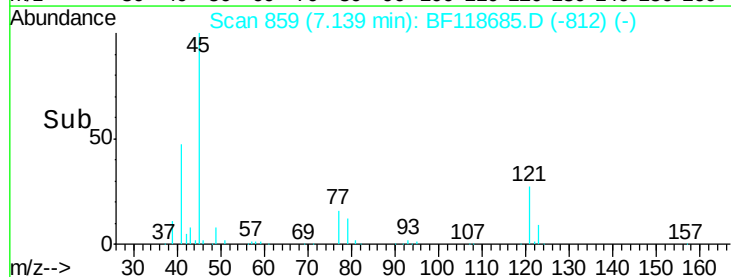
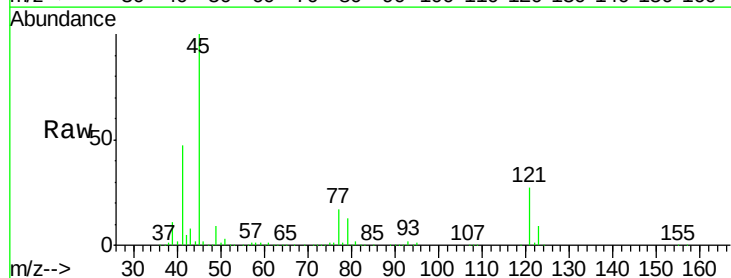
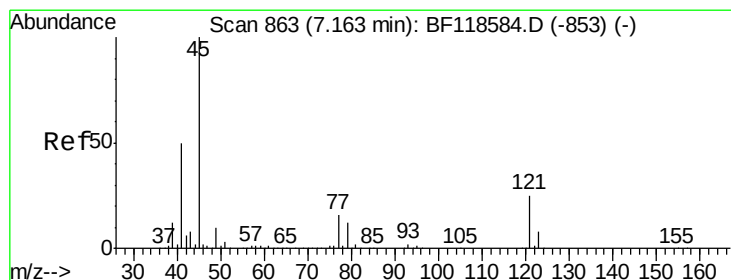
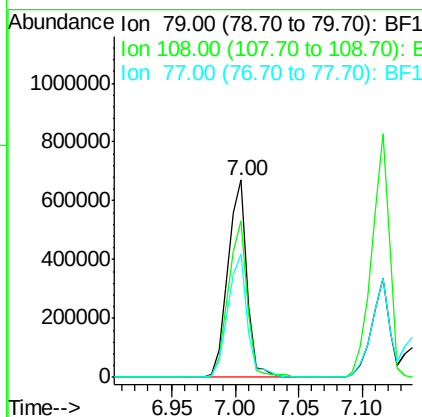
BNA_F

ClientSampled :

EP-12MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.084 ng

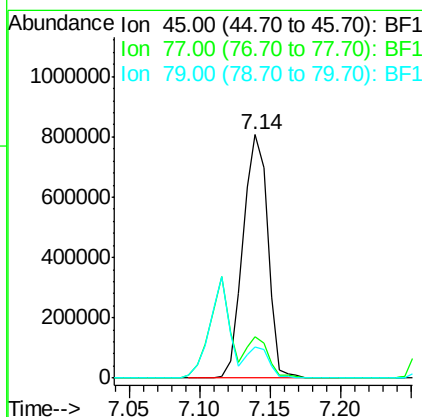
RT: 7.14 min Scan# 859

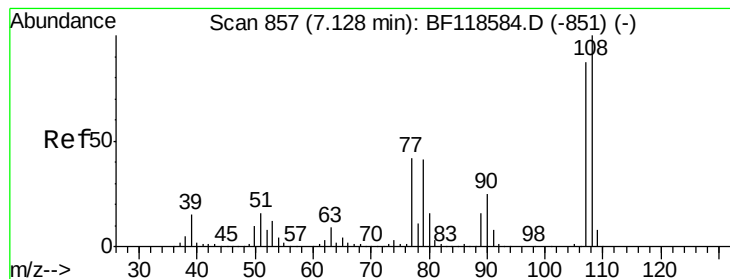
Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:	45	Resp:	992404
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	36.1
79	12.7	0.0	32.4





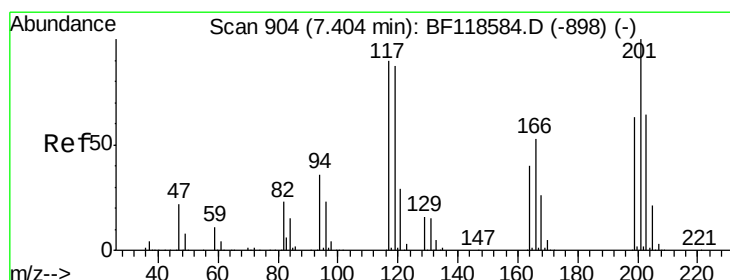
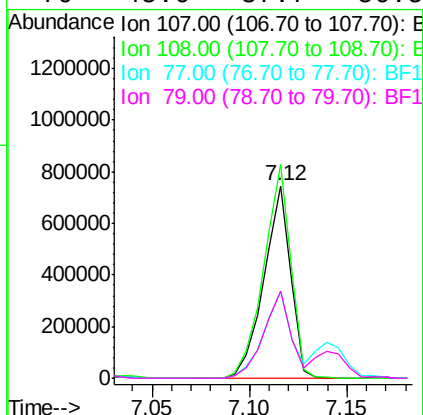
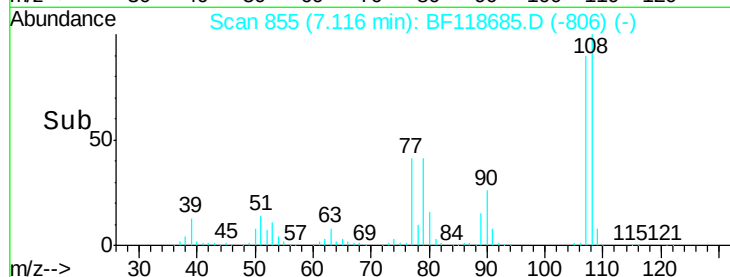
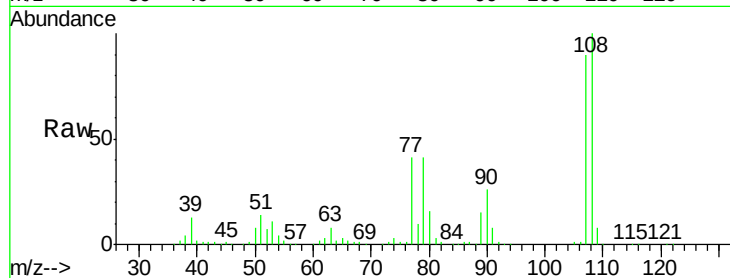
#17
2-Methylphenol
Concen: 51.158 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	107	Resp	703416
Ion Ratio	Lower	Upper	
107	100		
108	110.9	91.5	137.3
77	45.0	38.7	58.1
79	45.0	37.7	56.5

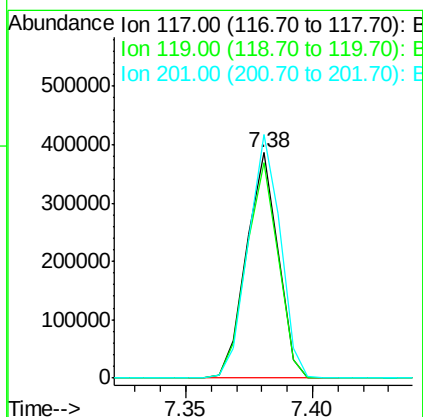
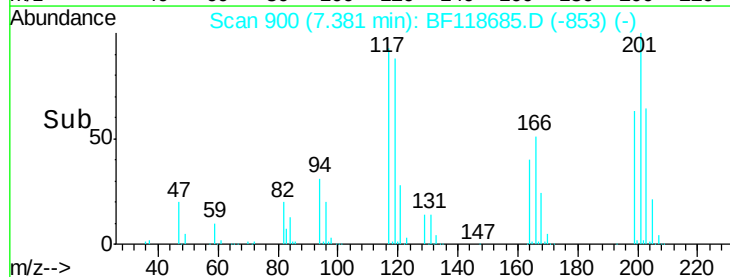
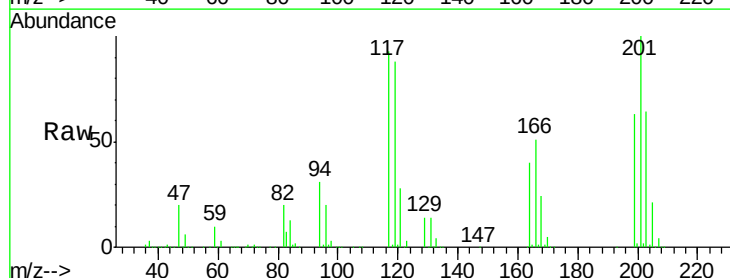
Manual Integrations
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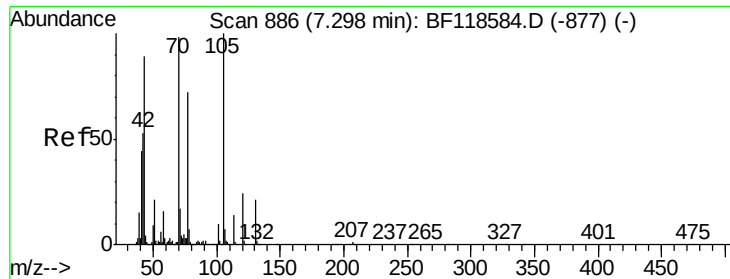
mohammad
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#18
Hexachloroethane
Concen: 47.756 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	117	Resp	335855
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.6	116.4
201	108.1	88.8	133.2





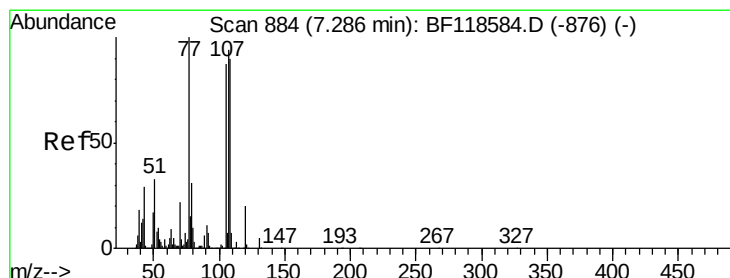
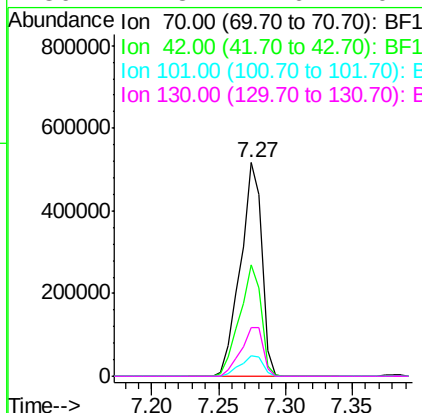
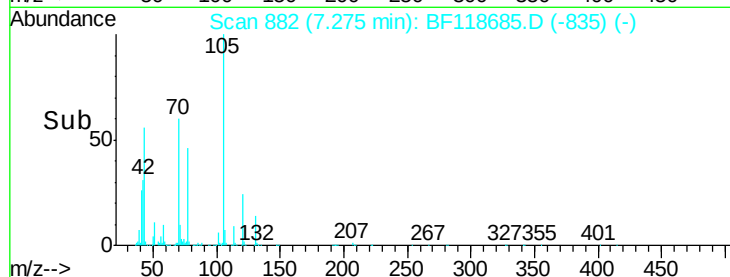
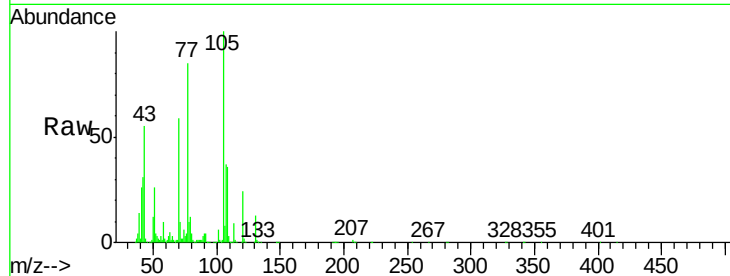
#19
n-Nitroso-di-n-propylamine
Concen: 44.405 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	43.4	65.0
101	9.8	8.1	12.1
130	22.8	17.6	26.4

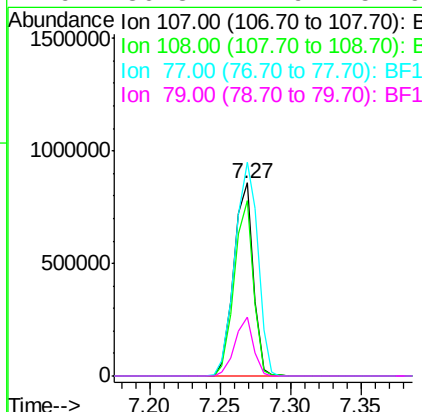
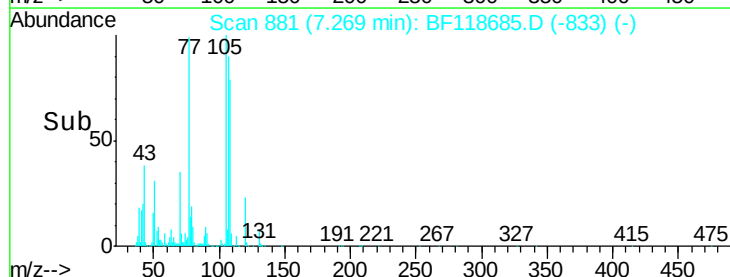
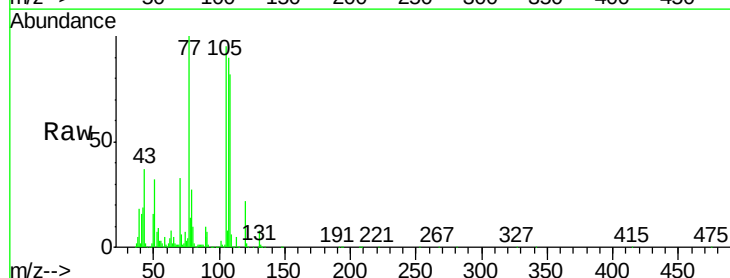
Manual Integrations
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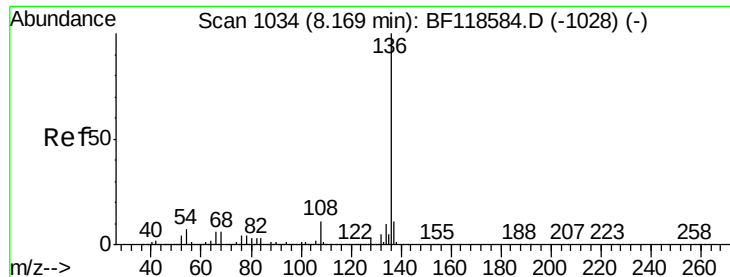
mohammad
1/28/2020 8:12:10 AM



#20
3+4-Methylphenols
Concen: 49.227 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	75.8	115.8
77	110.7	86.5	126.5
79	30.3	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion:136 Resp: 1080289

Ion Ratio Lower Upper

136 100

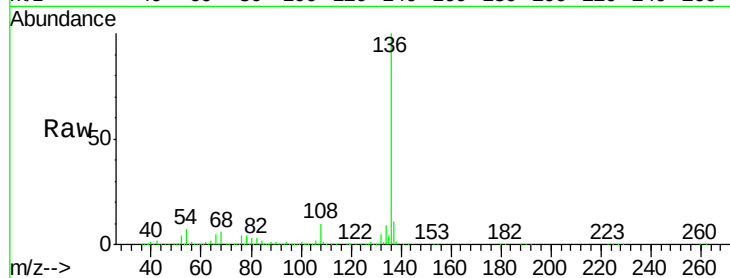
137 11.1 9.1 13.7

54 7.2 5.8 8.6

68 6.1 5.0 7.4

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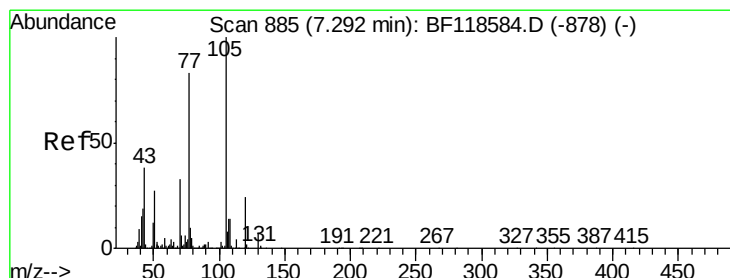
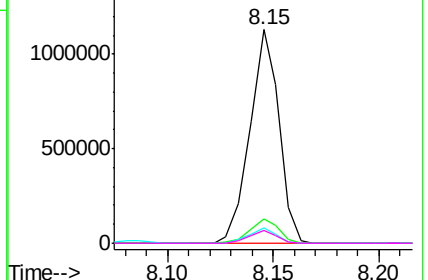
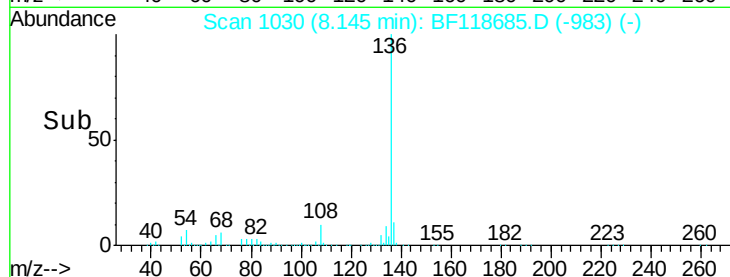


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.747 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:105 Resp: 1093953

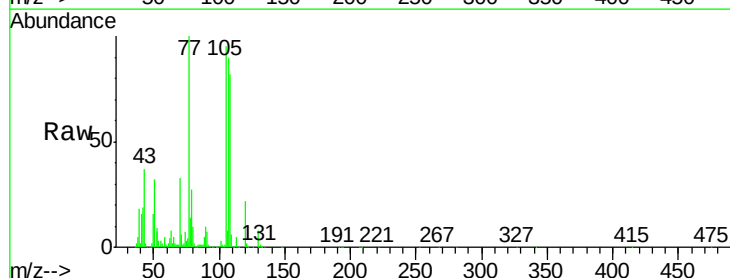
Ion Ratio Lower Upper

105 100

71 6.3 4.5 6.7

51 33.8 21.5 32.3#

120 22.9 19.0 28.6

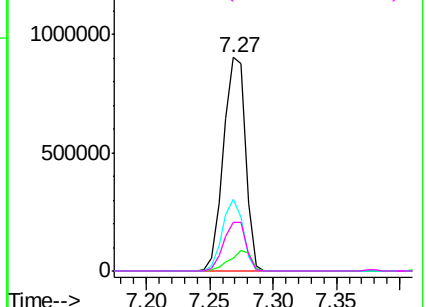
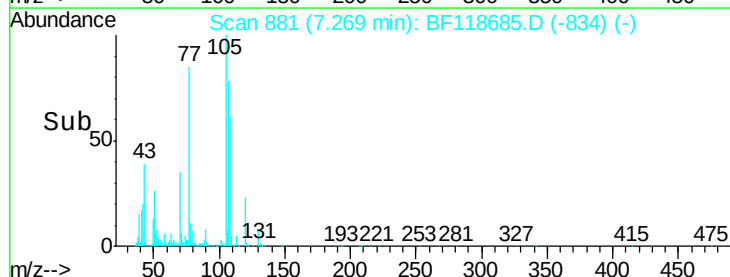


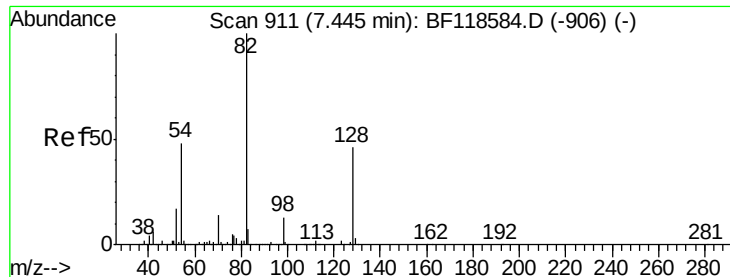
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





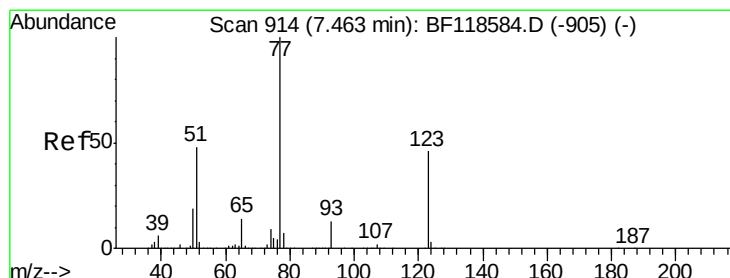
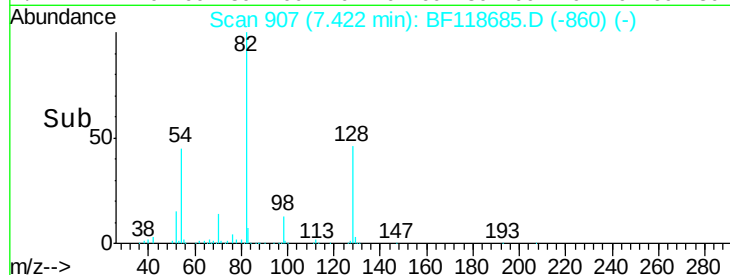
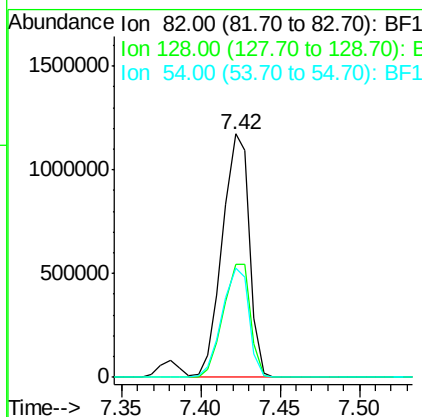
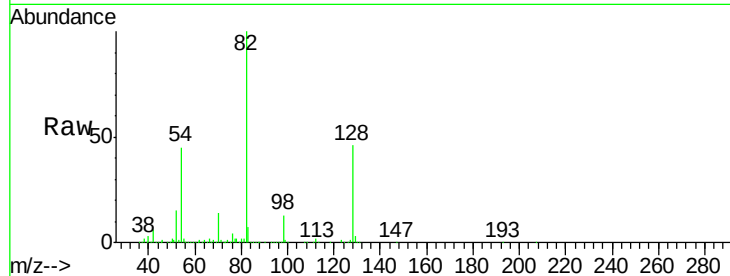
#23
 Nitrobenzene-d5
 Concen: 71.838 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	82	Resp	1387444
Ion Ratio	Lower	Upper	
82	100		
128	46.5	36.6	54.8
54	44.7	38.0	57.0

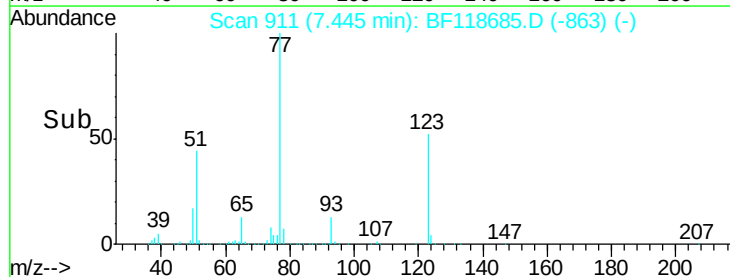
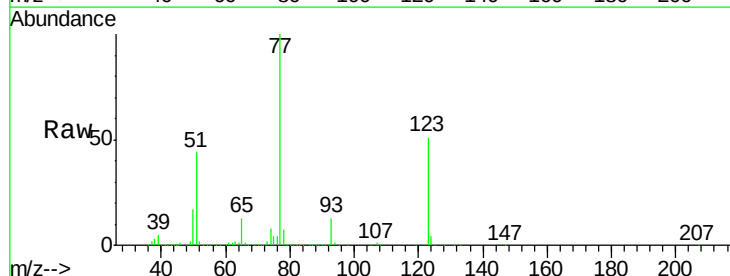
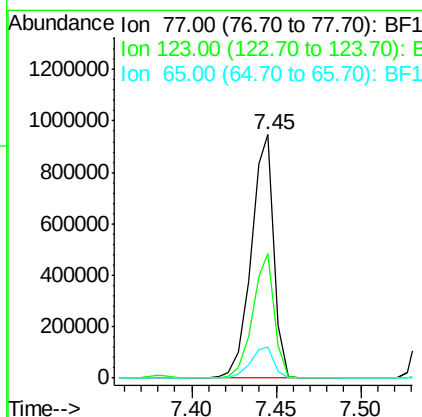
Manual Integrations
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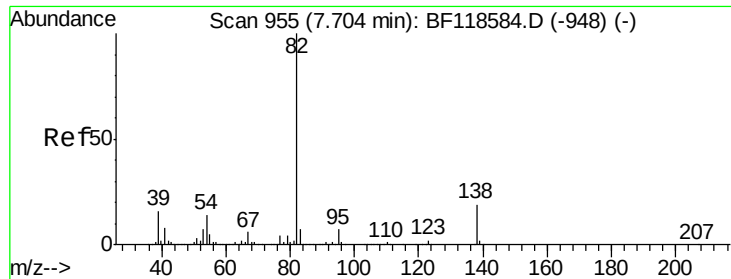
mohammad
 1/28/2020 8:12:10 AM



#24
 Nitrobenzene
 Concen: 44.544 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	77	Resp	880888
Ion Ratio	Lower	Upper	
77	100		
123	51.2	37.0	55.4
65	12.9	11.1	16.7





#25

Isophorone

Concen: 45.510 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion: 82 Resp: 1603198

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

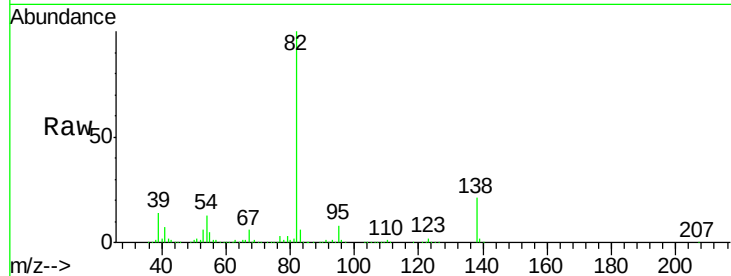
138 20.8 15.3 22.9

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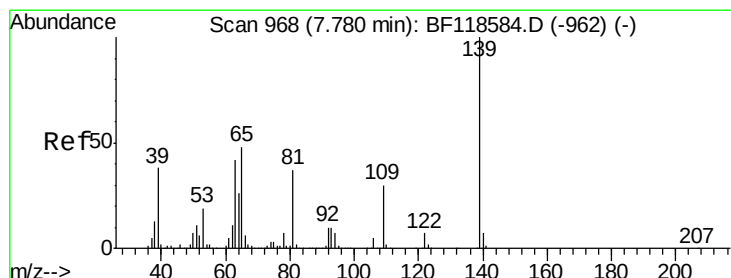
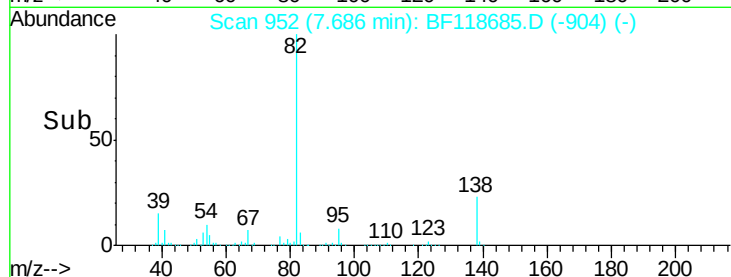
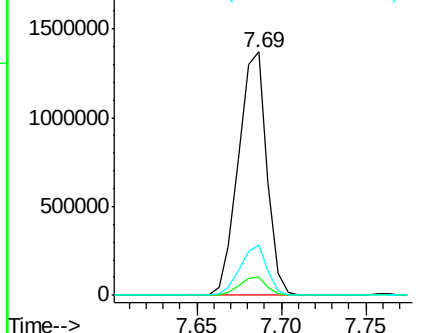
1/28/2020 8:12:10 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.504 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

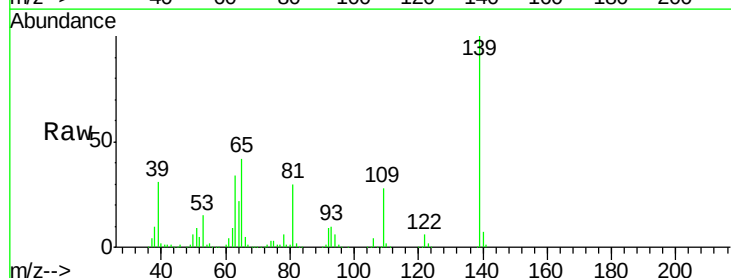
Tgt Ion: 139 Resp: 468077

Ion Ratio Lower Upper

139 100

109 27.5 23.8 35.8

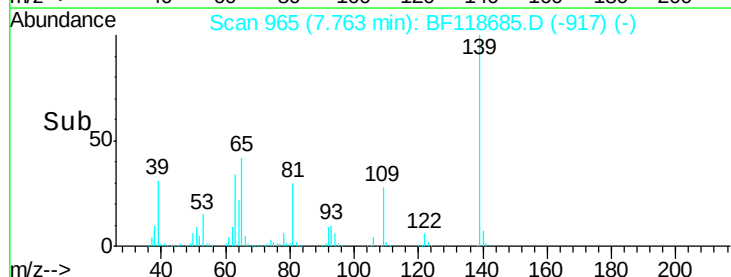
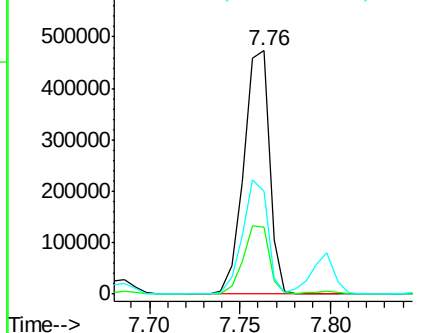
65 42.3 38.5 57.7

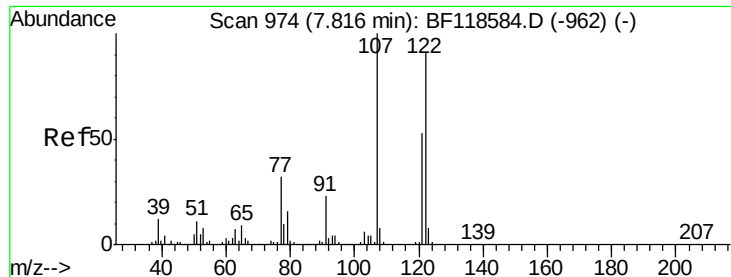


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.911 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

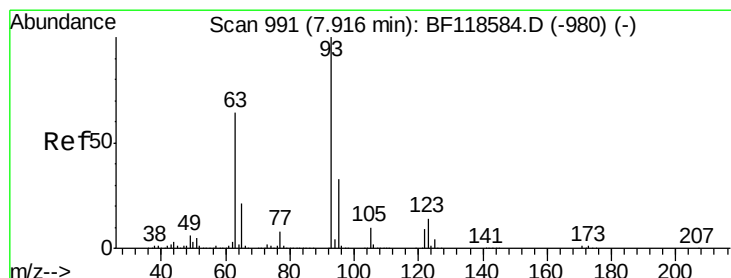
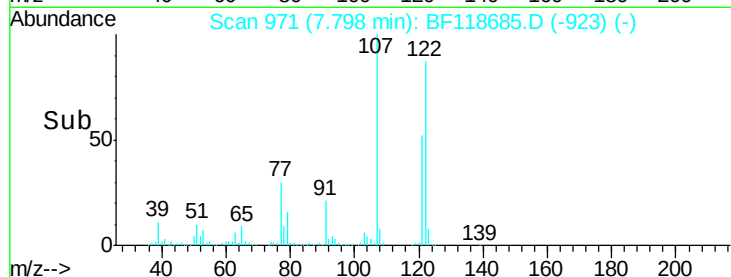
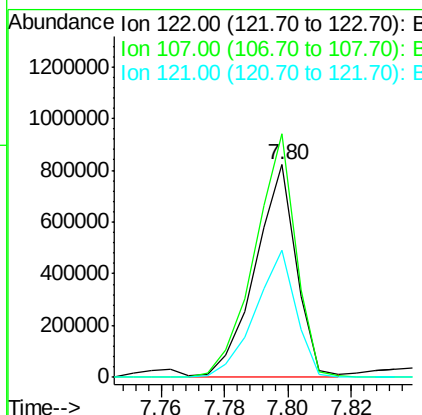
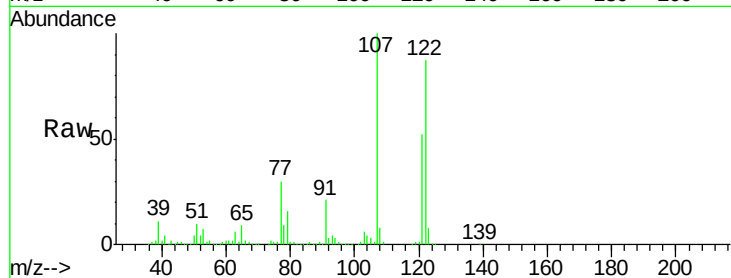
ClientSampleId :

EP-12MS

Tot Ion:	122	Resp:	741398
Ion Ratio	Lower	Upper	
122	100		
107	114.4	88.0	132.0
121	59.7	46.3	69.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.773 ng

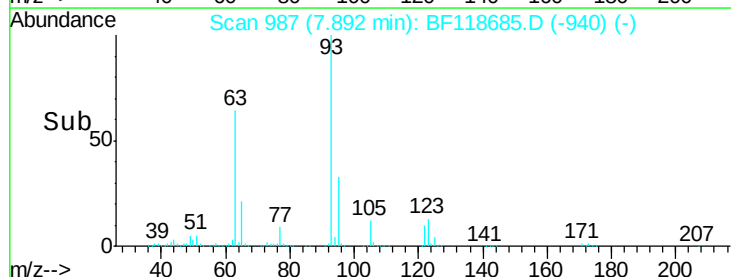
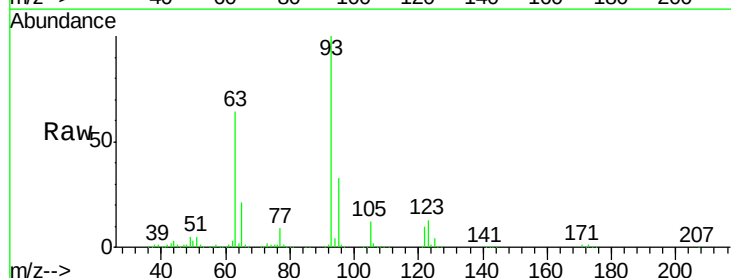
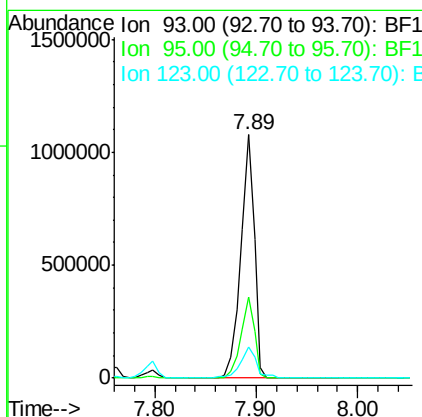
RT: 7.89 min Scan# 987

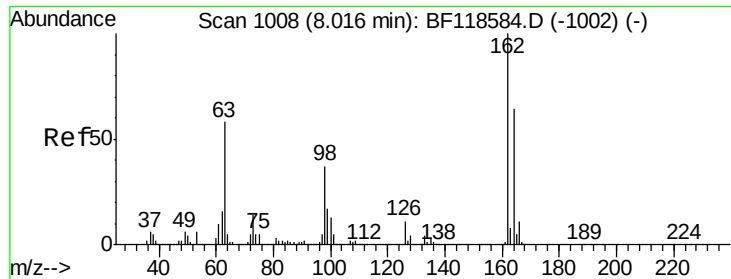
Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:	93	Resp:	993571
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.7	40.1
123	12.9	11.0	16.6





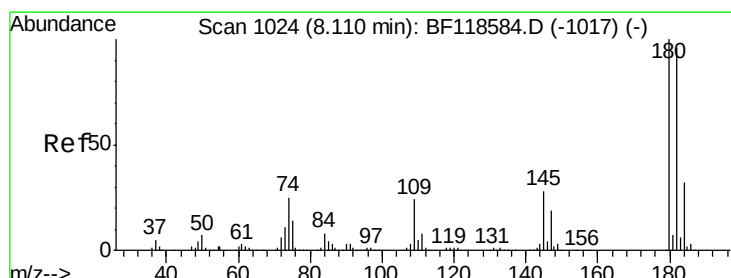
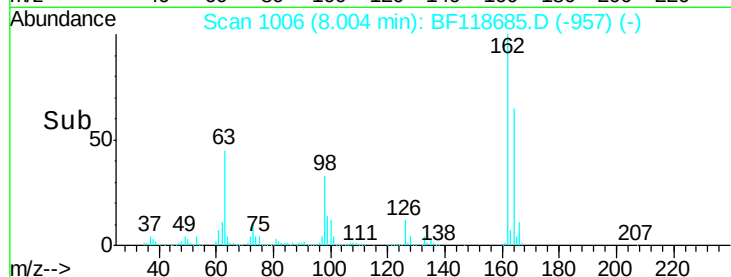
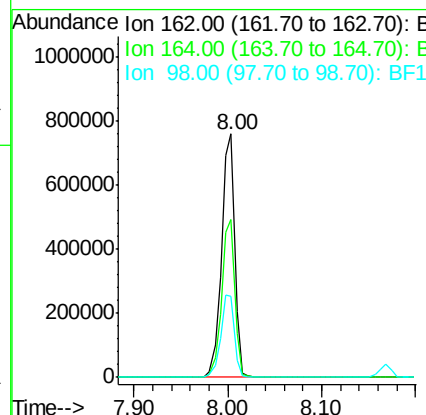
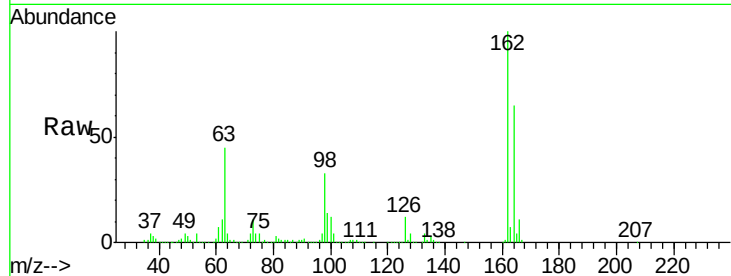
#29
 2,4-Dichlorophenol
 Concen: 46.635 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampled :
 EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	750750		
164	65.0		44.3	84.3
98	33.1		17.5	57.5

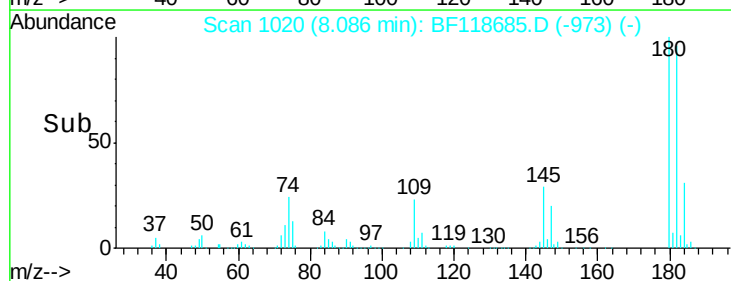
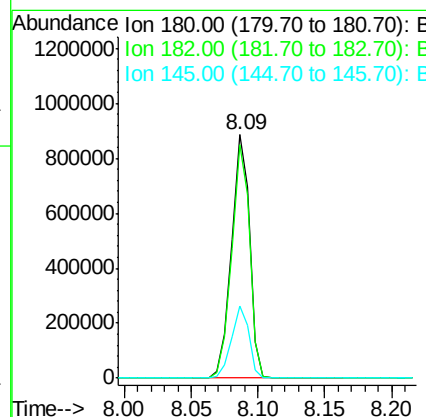
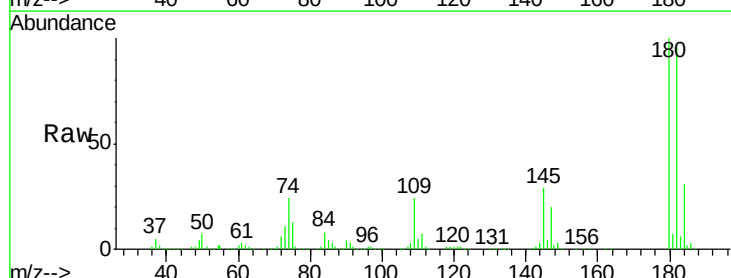
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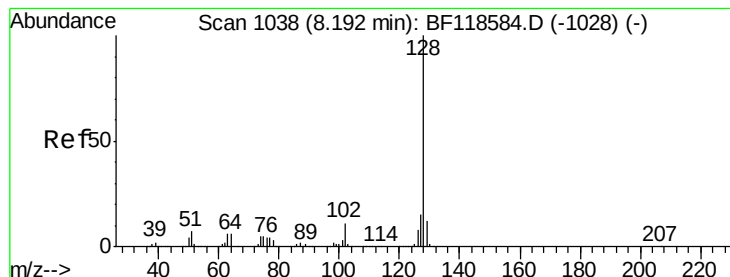
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.592 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	851013		
182	95.6		76.9	115.3
145	29.5		22.8	34.2





#31

Naphthalene

Concen: 48.919 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion:128 Resp: 2387277

Ion Ratio Lower Upper

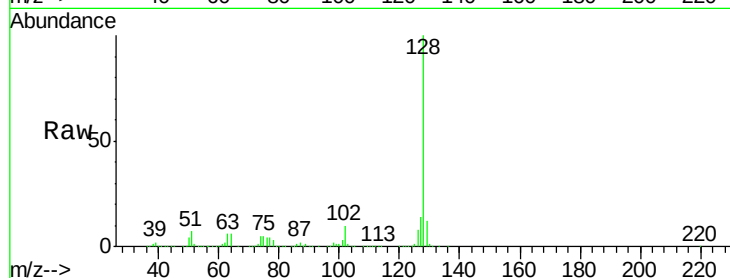
128 100

129 12.1 9.9 14.9

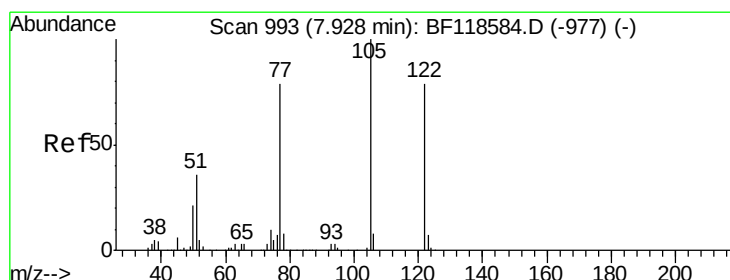
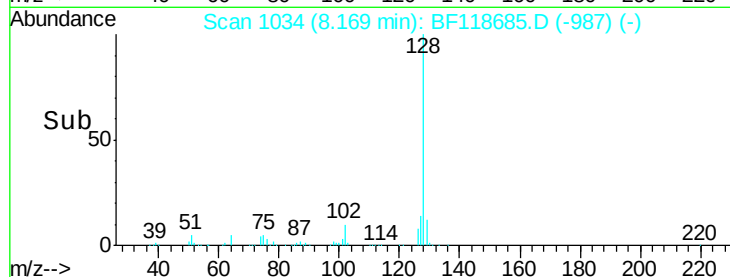
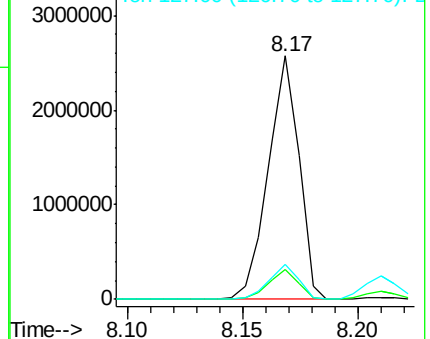
127 14.1 12.0 18.0

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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: 46.835 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

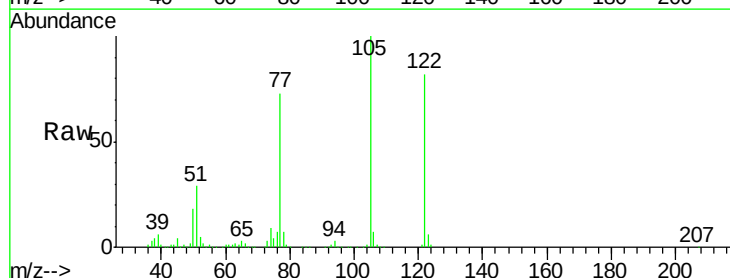
Tgt Ion:122 Resp: 511872

Ion Ratio Lower Upper

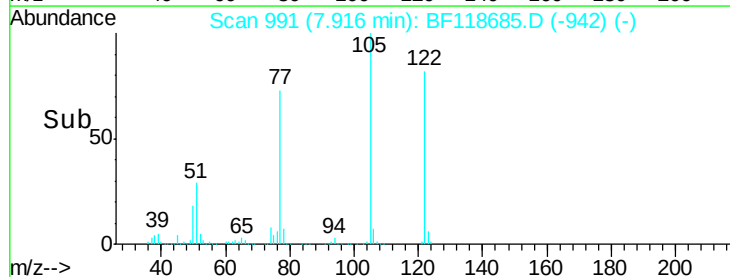
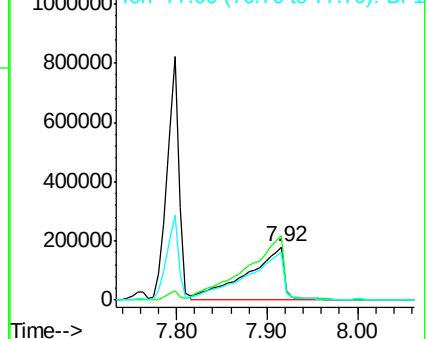
122 100

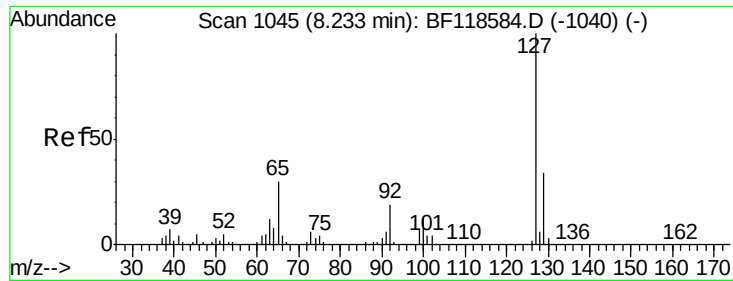
105 122.0 104.3 144.3

77 89.5 79.4 119.4



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





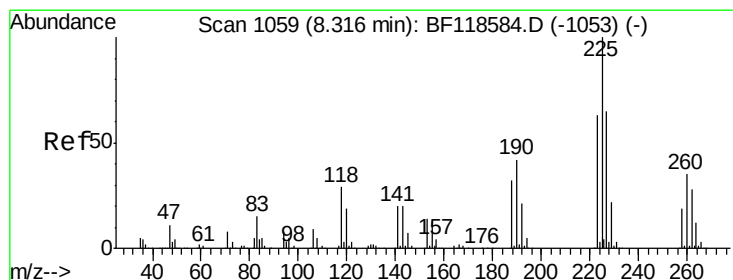
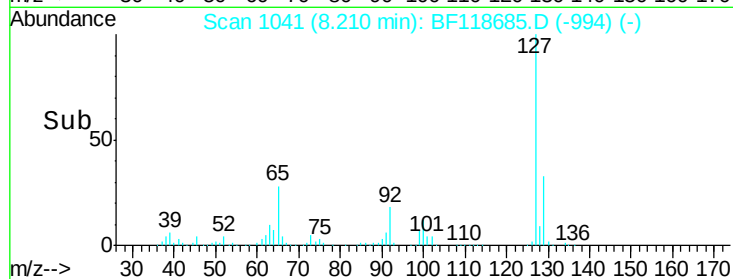
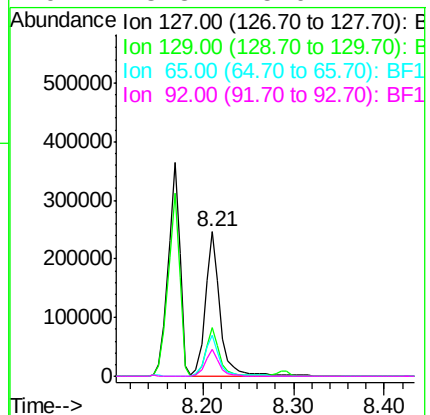
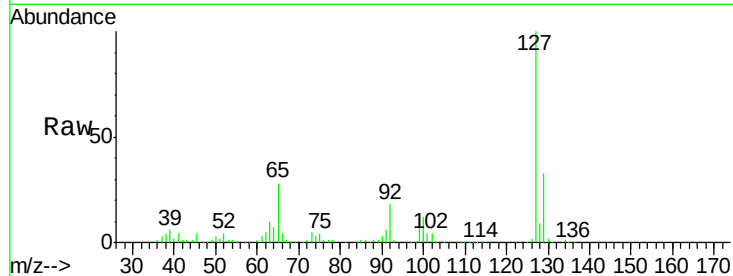
#33
4-Chloroaniline
Concen: 12.309 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampled :
EP-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		277640		
129	33.3	27.4	41.0		
65	28.2	23.6	35.4		
92	18.3	15.0	22.4		

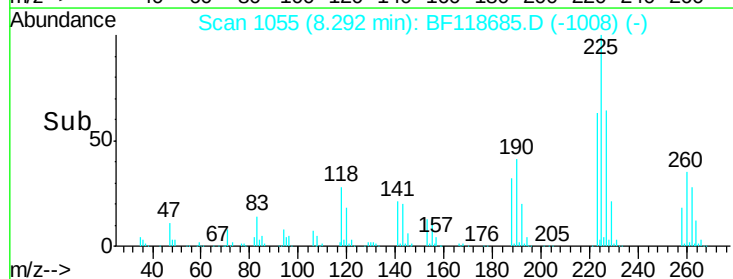
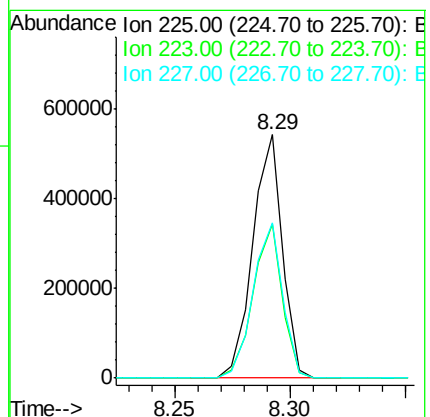
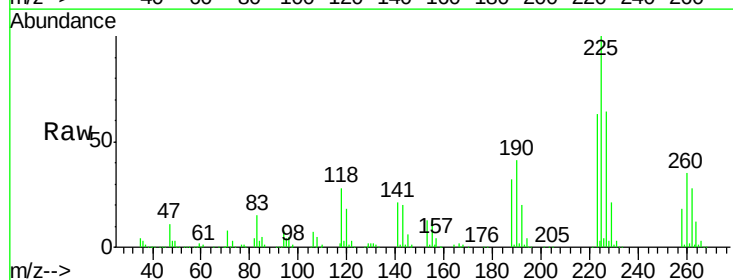
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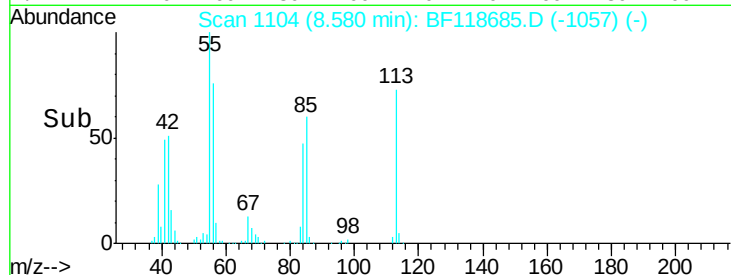
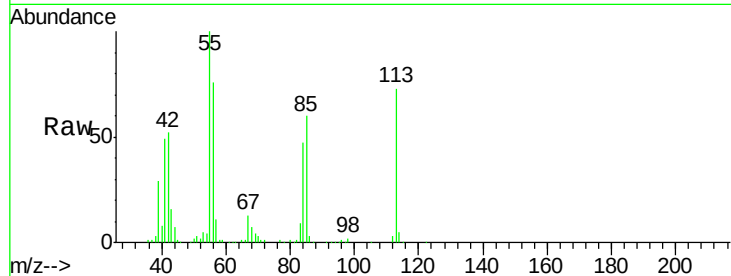
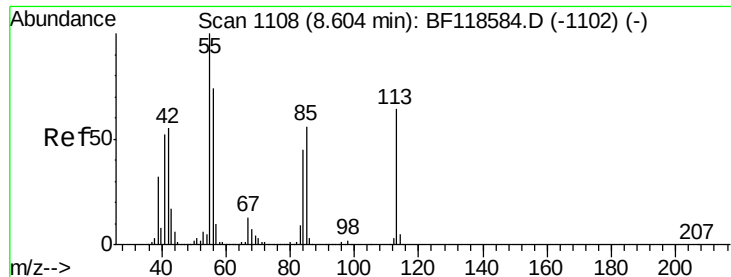
mohammad
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#34
Hexachlorobutadiene
Concen: 42.914 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		487805		
223	63.1	50.2	75.4		
227	63.7	52.1	78.1		





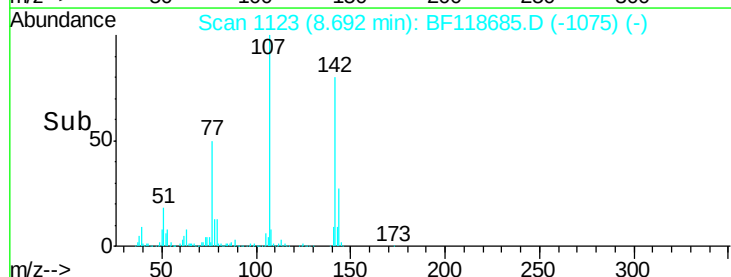
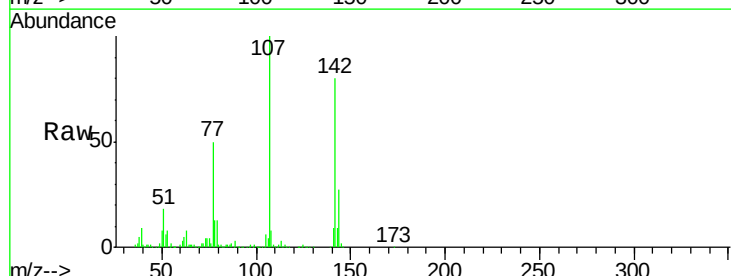
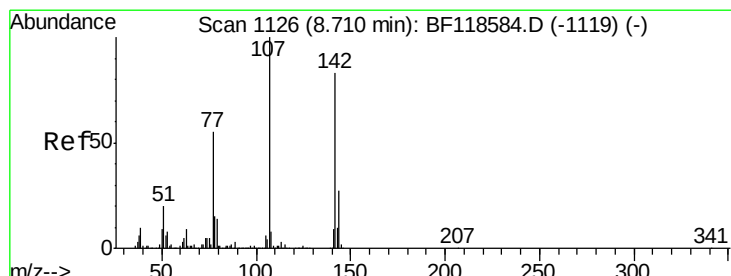
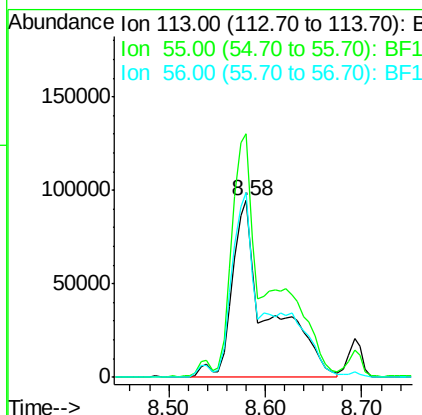
#35
Caprolactam
Concen: 47.051 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tot Ion	Ratio	Resp	Lower	Upper
113	100	247874		
55	137.6		136.1	176.1
56	104.6		95.2	135.2

Instrument :
BNA_F
ClientSampleId :
EP-12MS

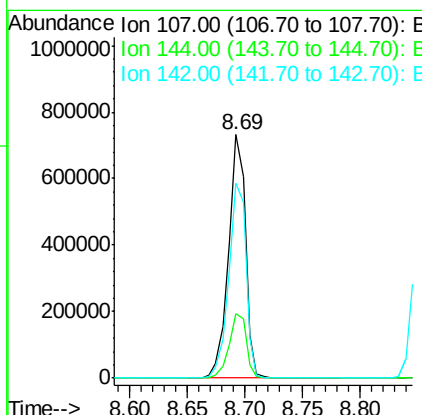
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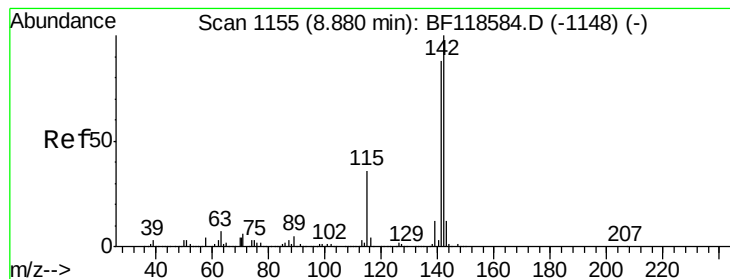
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#36
4-Chloro-3-methylphenol
Concen: 46.838 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	744580		
144	26.5		21.8	32.8
142	80.3		66.5	99.7





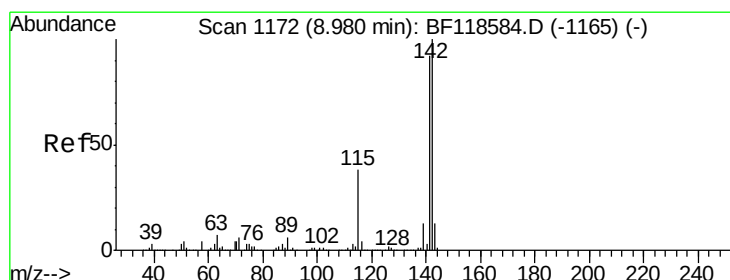
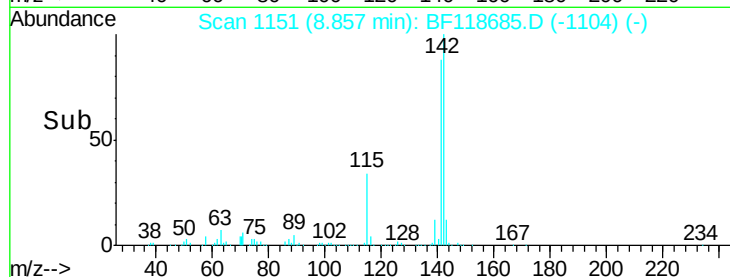
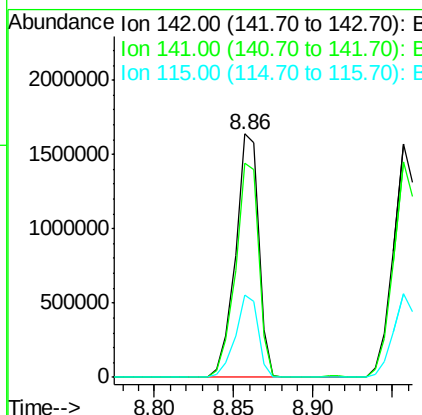
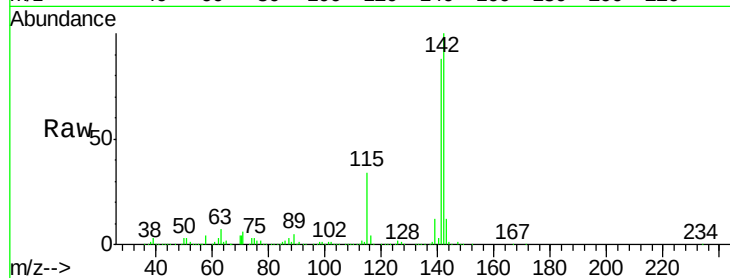
#37
2-Methylnaphthalene
Concen: 48.407 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion:142 Resp: 1667425
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 34.1 28.5 42.7

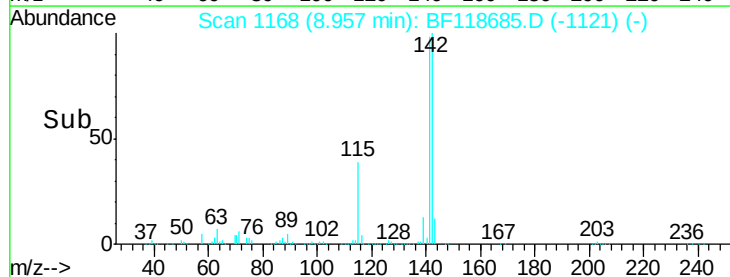
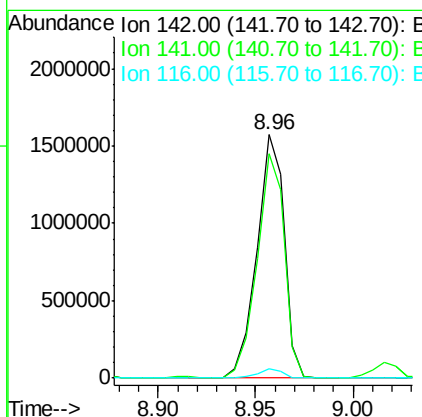
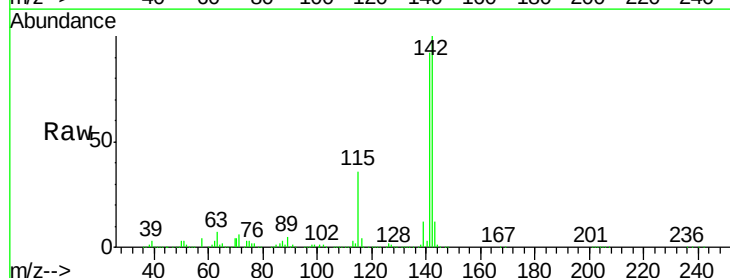
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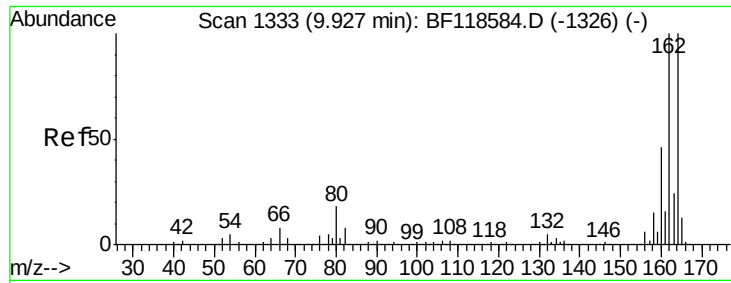
mohammad
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#38
1-Methylnaphthalene
Concen: 46.484 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion:142 Resp: 1521193
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2
116 3.8 3.3 4.9





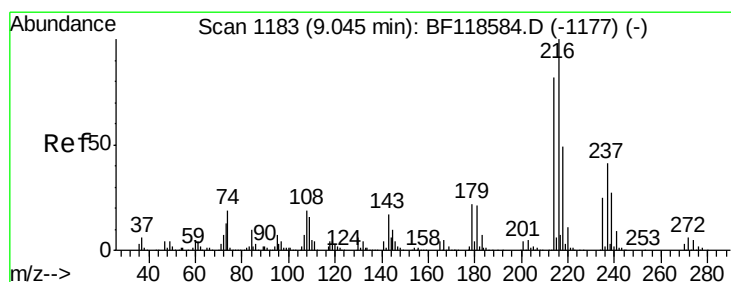
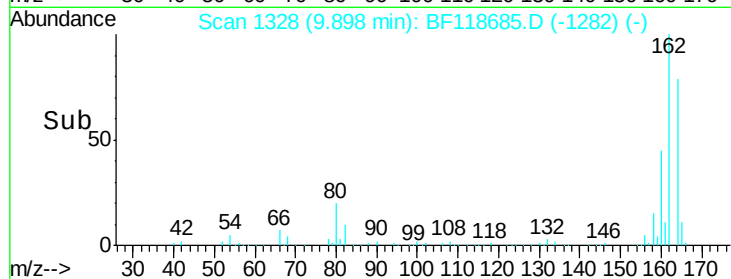
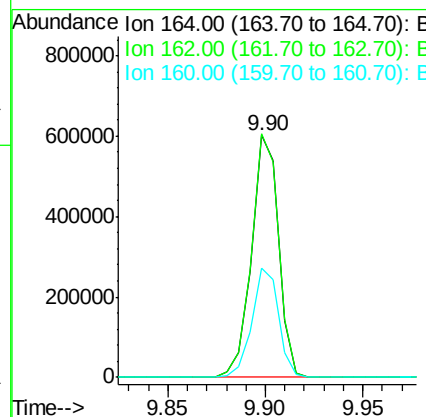
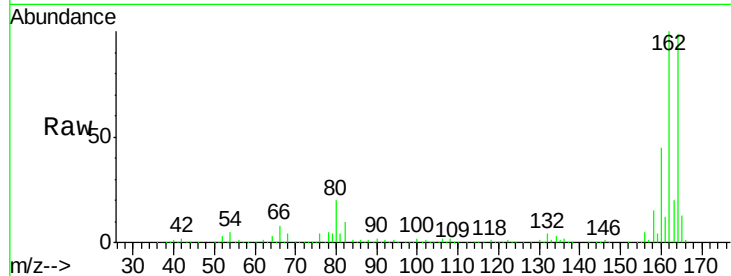
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	575504		
162	100.6	80.4	120.6	
160	45.0	36.6	55.0	

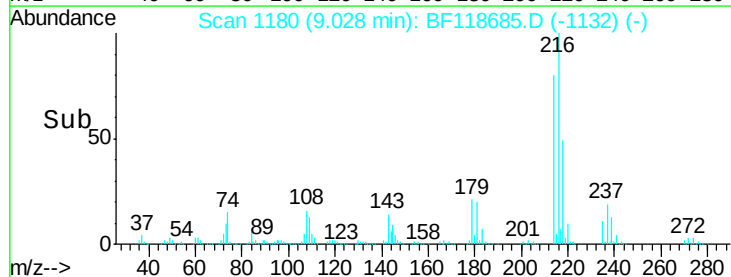
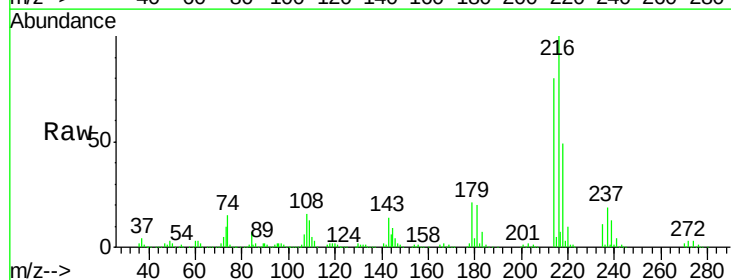
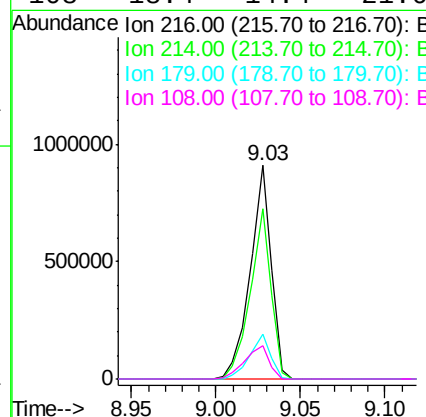
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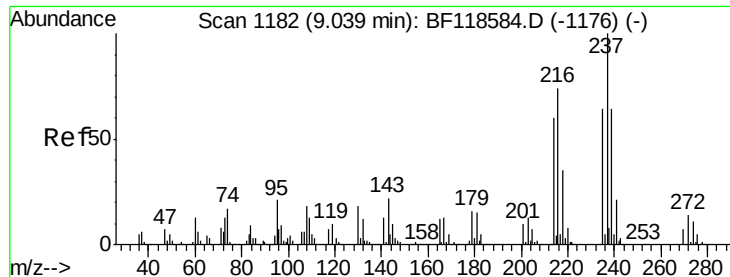
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.007 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	792438		
214	79.1	64.2	96.2	
179	21.0	16.6	25.0	
108	18.4	14.4	21.6	





#41

Hexachlorocyclopentadiene

Concen: 94.456 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

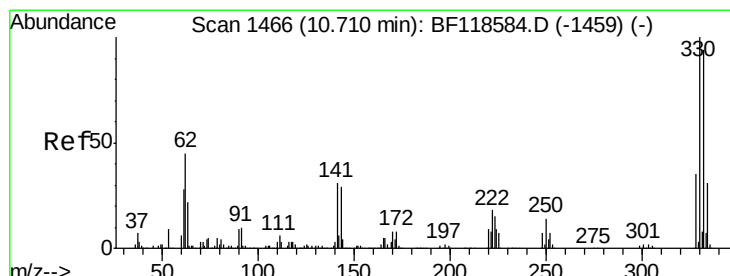
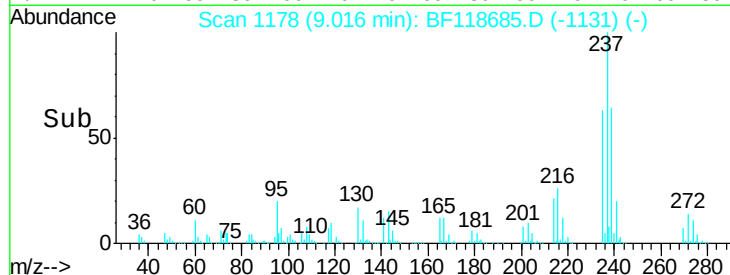
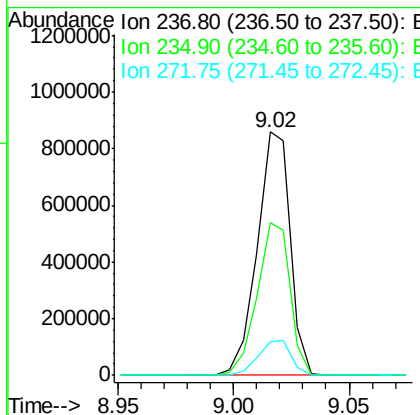
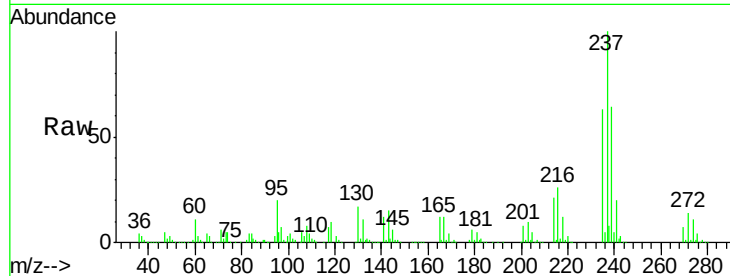
ClientSampleId :

EP-12MS

Tot Ion:	237	Resp:	858152
Ion Ratio		Lower	Upper
237	100		
235	62.9	44.0	84.0
272	14.1	0.0	34.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 107.309 ng

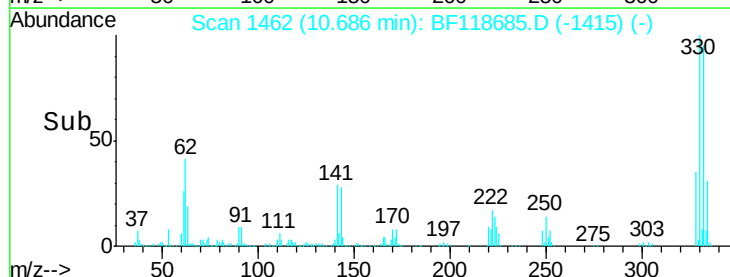
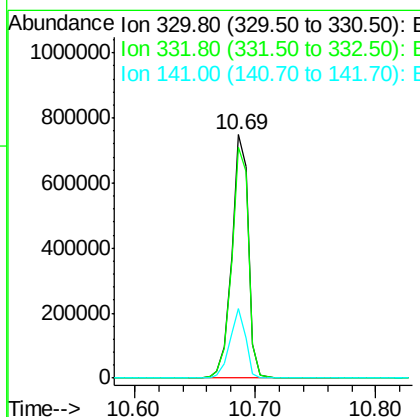
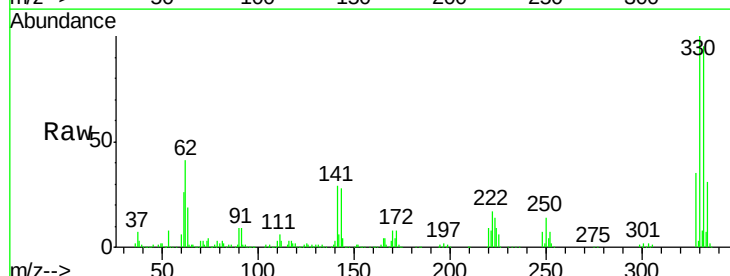
RT: 10.69 min Scan# 1462

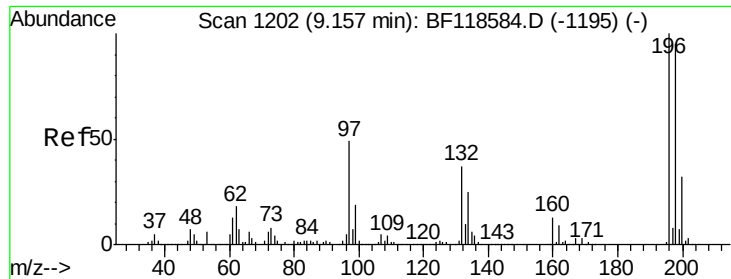
Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:	330	Resp:	714294
Ion Ratio		Lower	Upper
330	100		
332	96.7	76.2	114.4
141	27.2	23.9	35.9





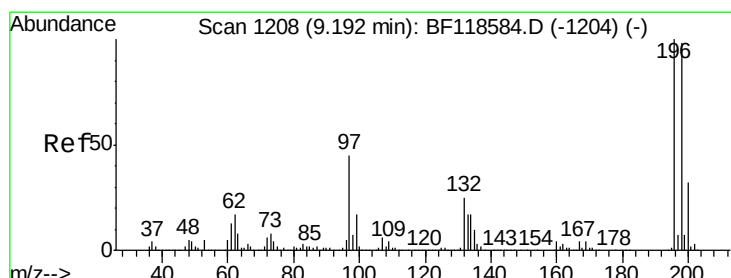
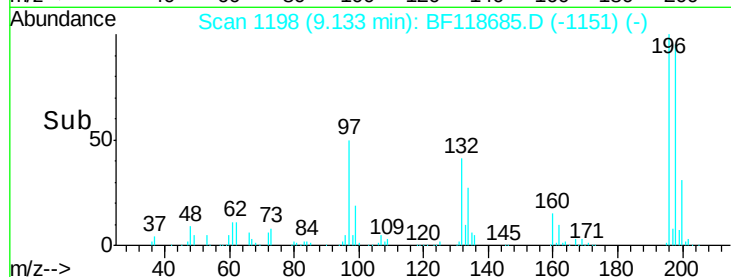
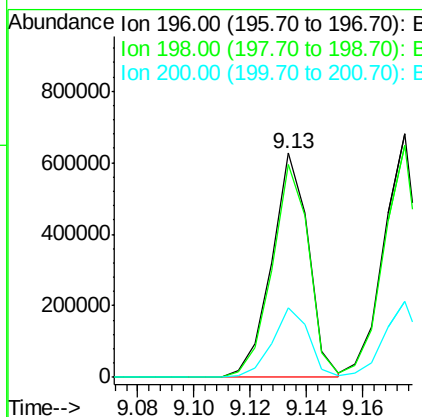
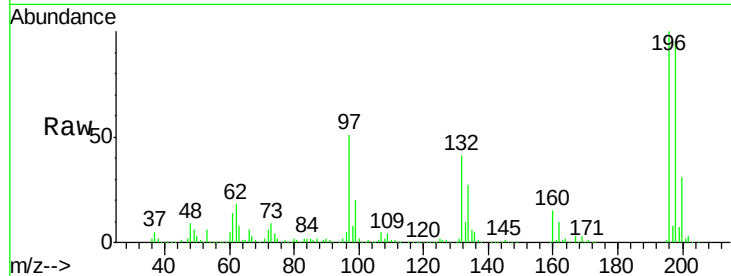
#43
 2,4,6-Trichlorophenol
 Concen: 47.284 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	565009		
198	95.0	76.3	114.5	
200	30.8	25.4	38.2	

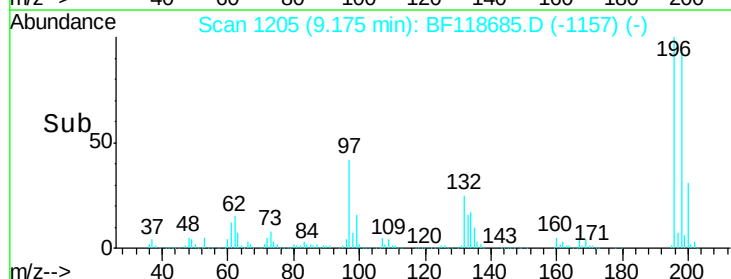
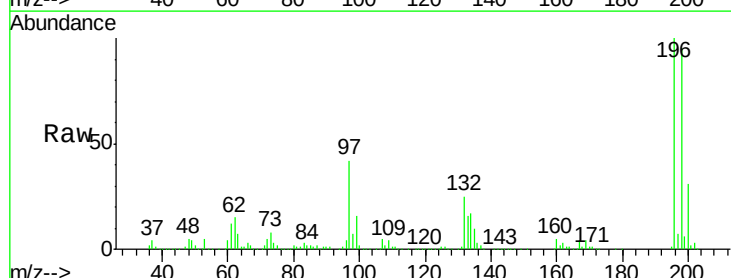
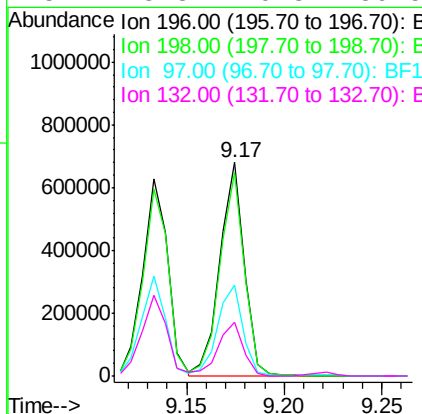
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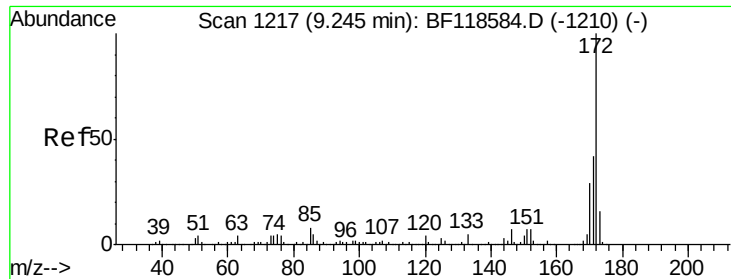
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.148 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	587580		
198	95.4	78.3	117.5	
97	42.4	35.9	53.9	
132	25.3	20.3	30.5	





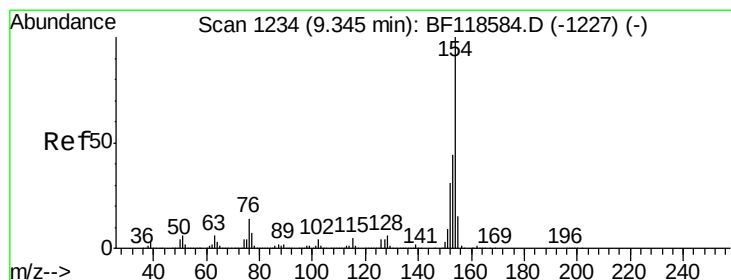
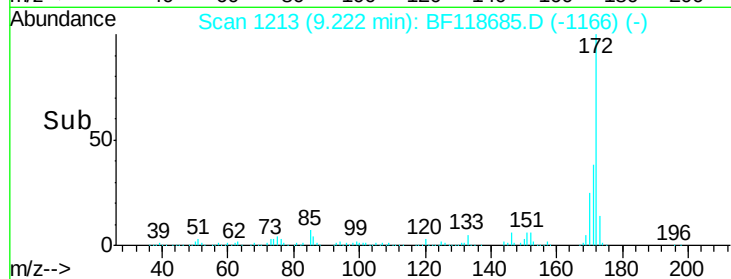
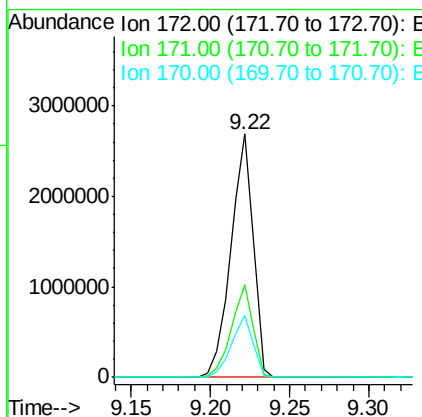
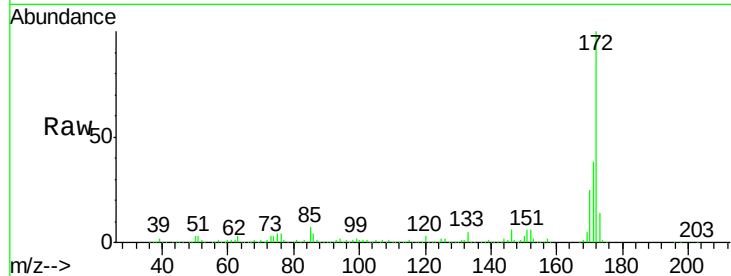
#45
2-Fluorobiphenyl
Concen: 74.949 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	33.4	50.2
170	25.4	23.2	34.8

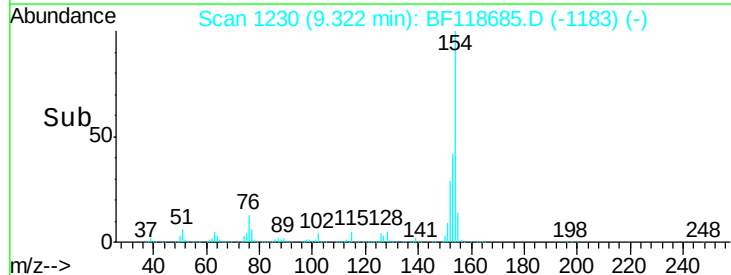
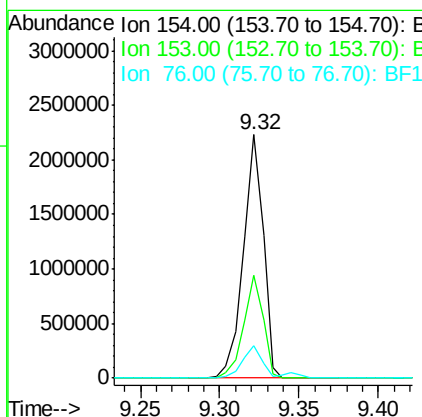
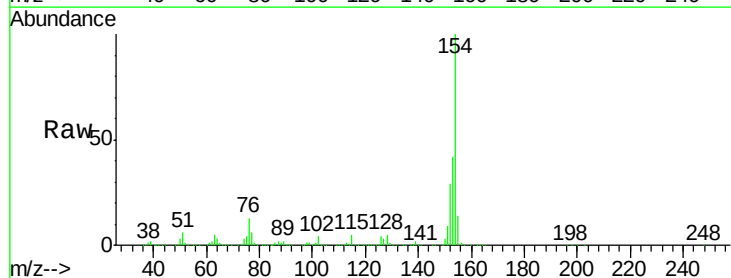
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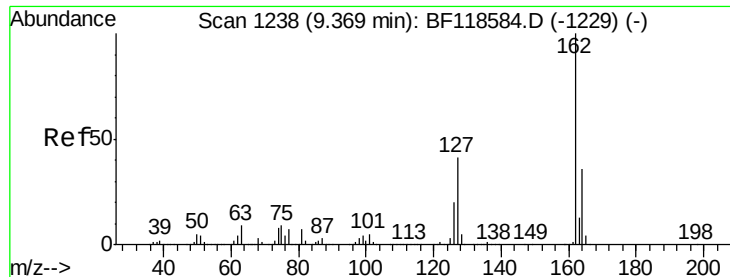
mohammad
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#46
1,1'-Biphenyl
Concen: 48.824 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.8	63.8
76	13.3	0.0	34.3





#47

2-Chloronaphthalene

Concen: 46.659 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion: 162 Resp: 1559880

Ion Ratio Lower Upper

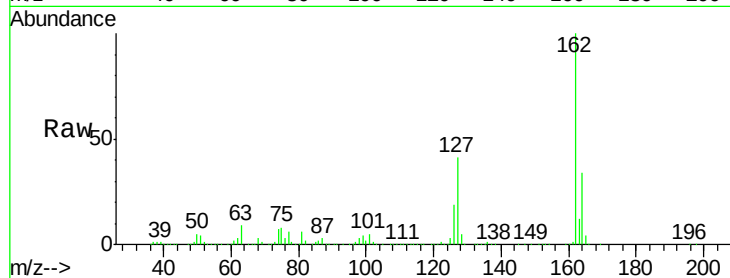
162 100

127 40.7 33.0 49.6

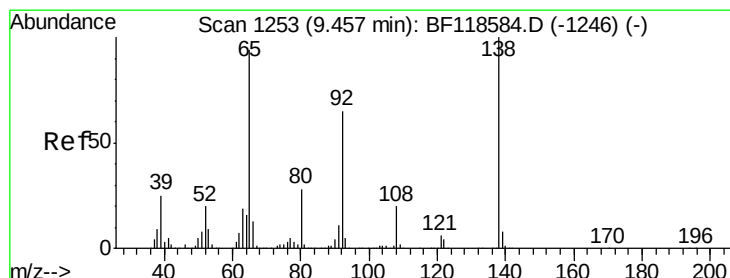
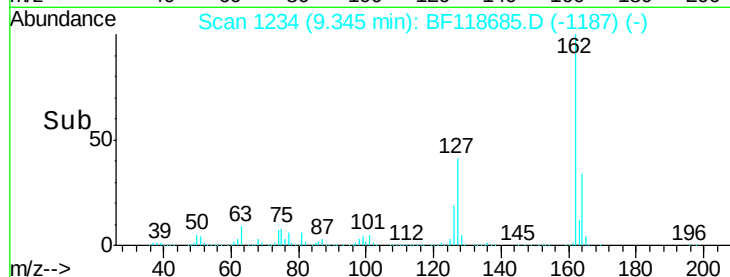
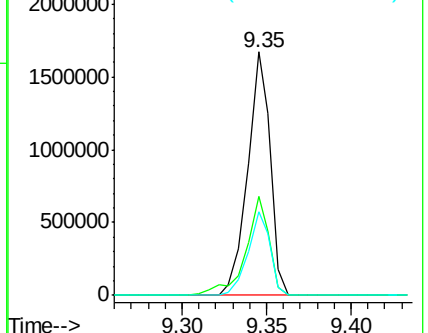
164 34.4 28.6 42.8

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



#48

2-Nitroaniline

Concen: 41.315 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

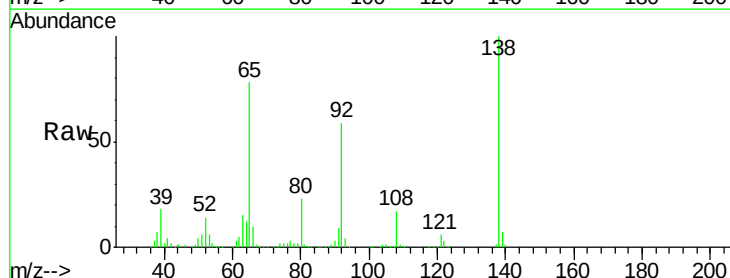
Tgt Ion: 65 Resp: 424586

Ion Ratio Lower Upper

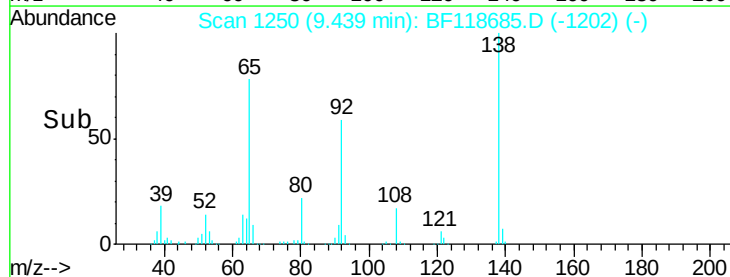
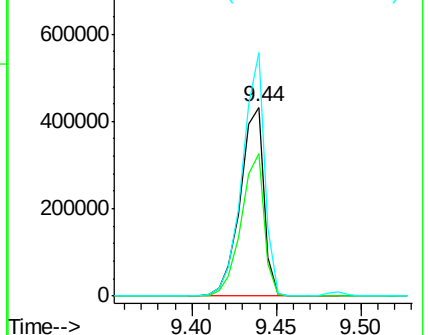
65 100

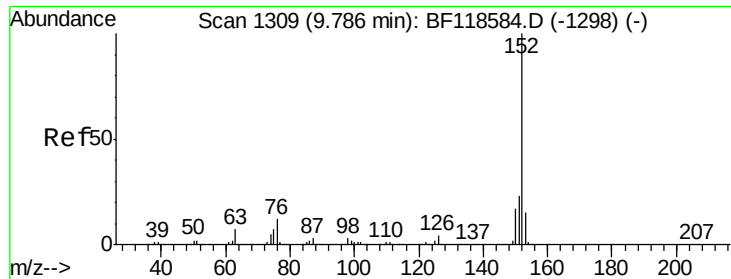
92 75.7 55.4 83.0

138 128.7 85.0 127.6#



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





#49

Acenaphthylene

Concen: 50.195 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion:152 Resp: 2360732

Ion Ratio Lower Upper

152 100

151 21.7 18.6 27.8

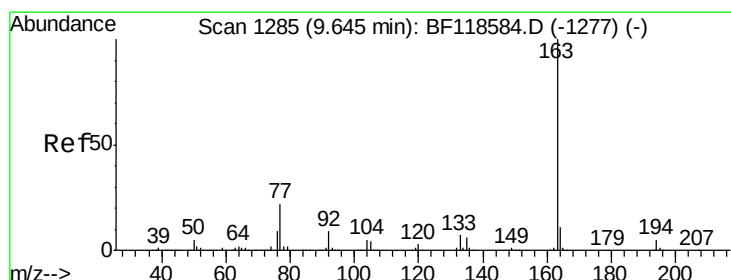
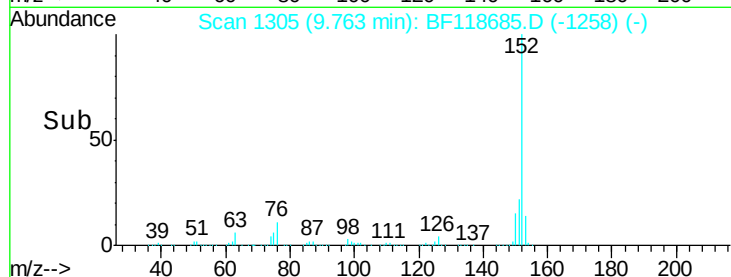
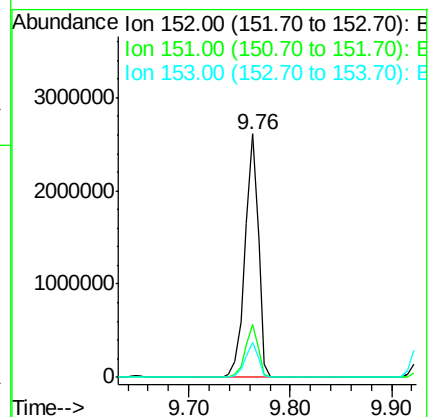
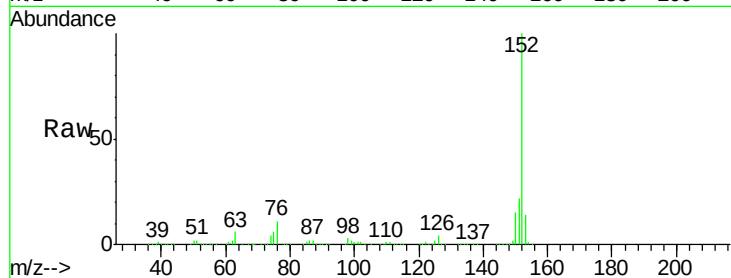
153 14.1 12.2 18.4

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#50

Dimethylphthalate

Concen: 55.278 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

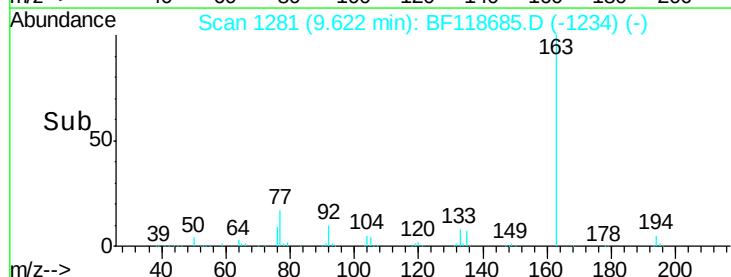
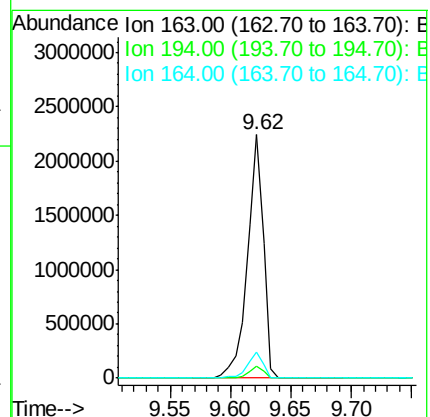
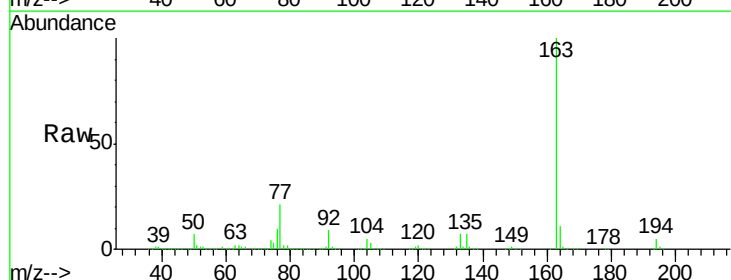
Tgt Ion:163 Resp: 2072626

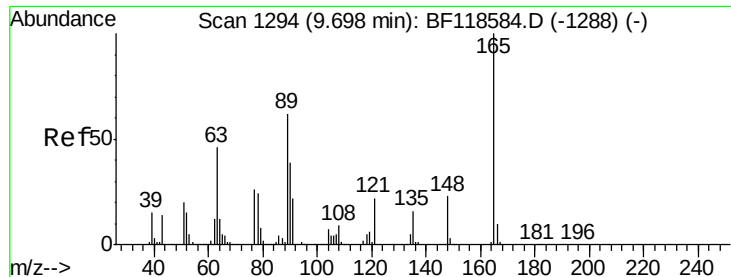
Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

164 10.9 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 50.287 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampleId :

EP-12MS

Tot Ion:165 Resp: 422219
Ion Ratio Lower Upper

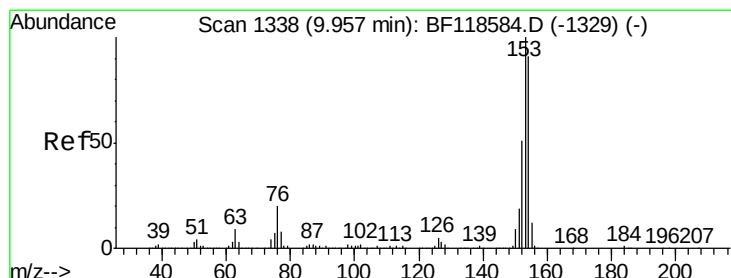
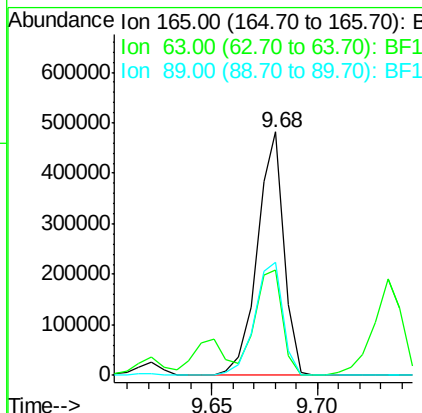
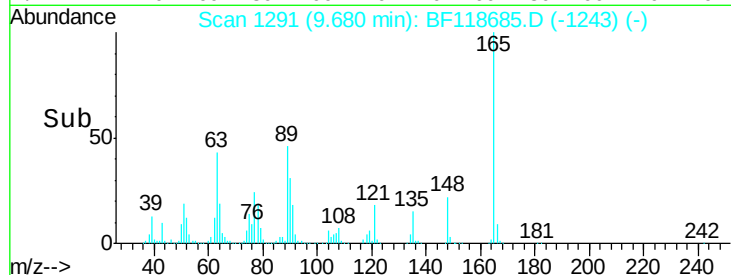
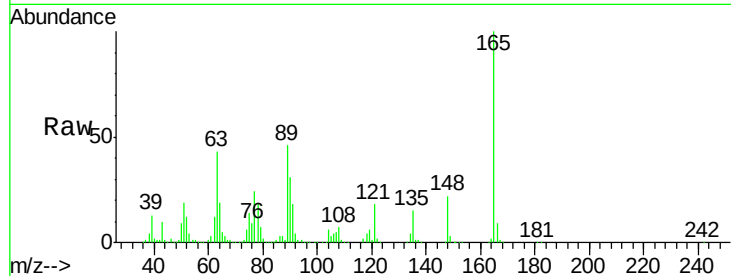
165 100

63 43.1 48.9 73.3#

89 46.3 49.8 74.6#

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#52

Acenaphthene

Concen: 50.515 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF118685.D

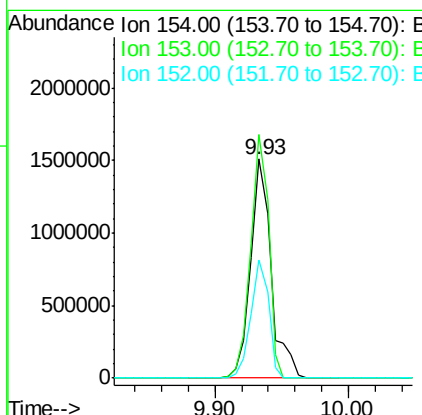
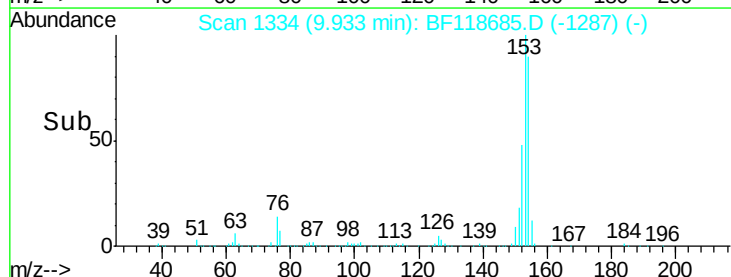
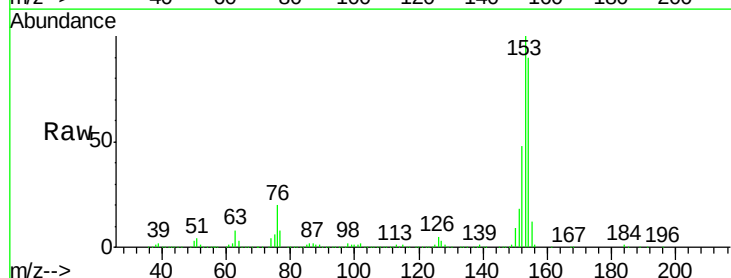
Acq: 24 Jan 2020 15:00

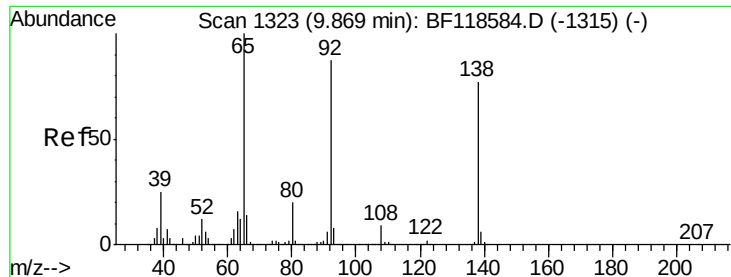
Tgt Ion:154 Resp: 1588621
Ion Ratio Lower Upper

154 100

153 111.3 87.6 131.4

152 53.8 44.4 66.6





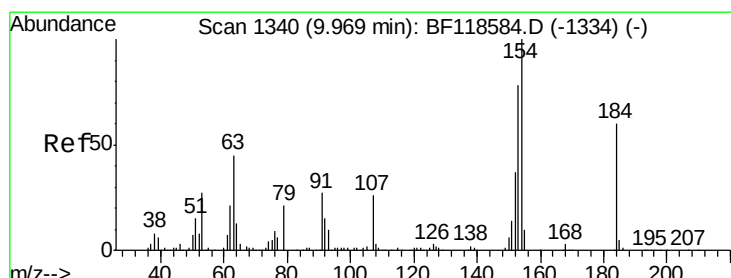
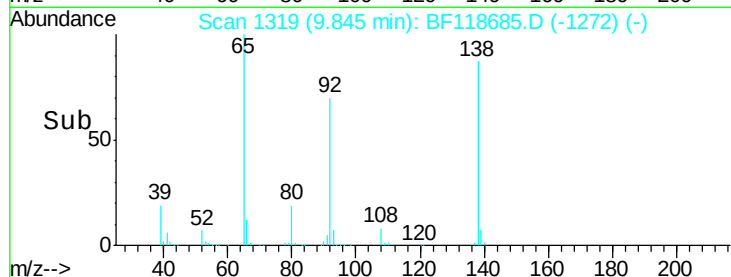
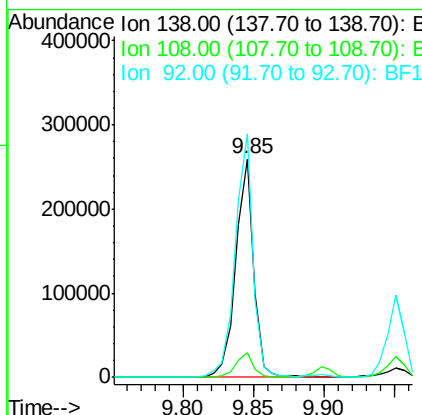
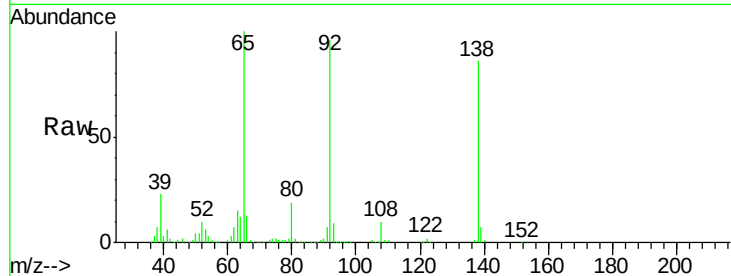
#53
3-Nitroaniline
Concen: 23.835 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	228510		
108	11.1	9.6	14.4	
92	111.6	90.6	136.0	

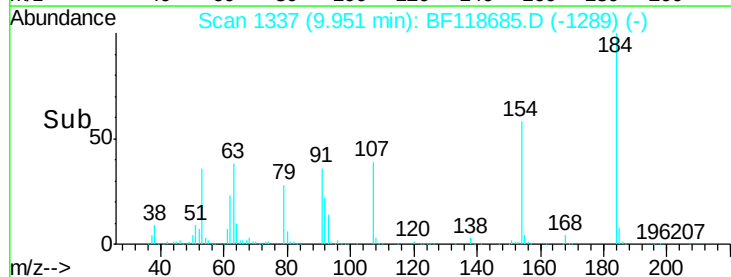
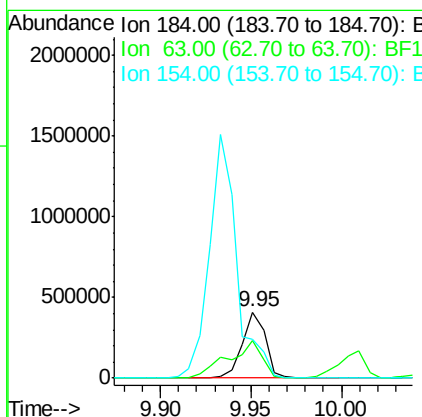
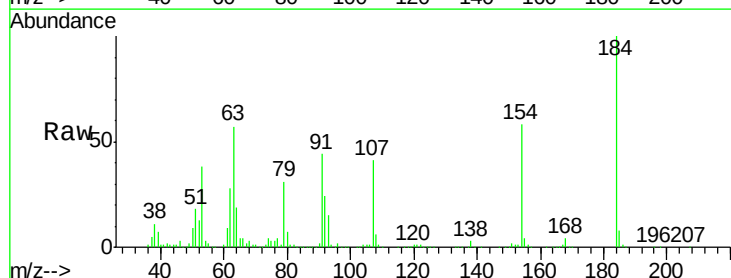
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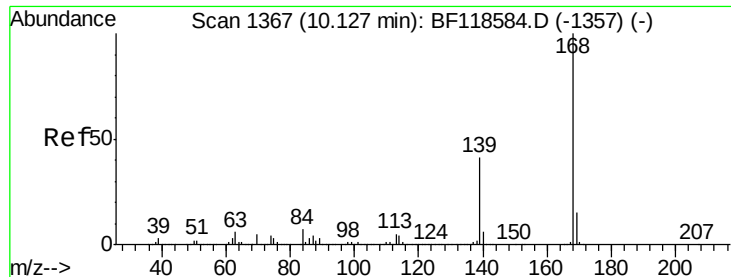
mohammad
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#54
2,4-Dinitrophenol
Concen: 108.668 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	364249		
63	57.2	60.6	90.8#	
154	58.1	137.3	205.9#	





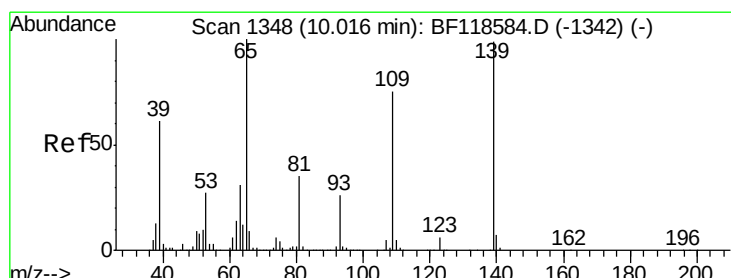
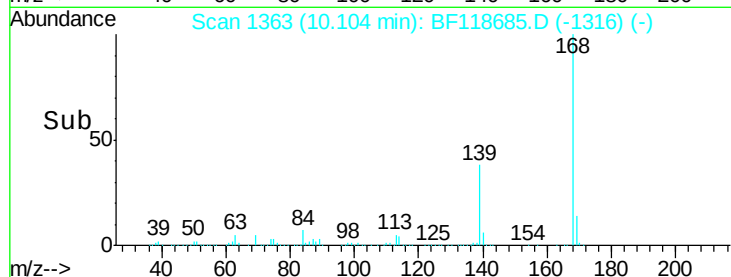
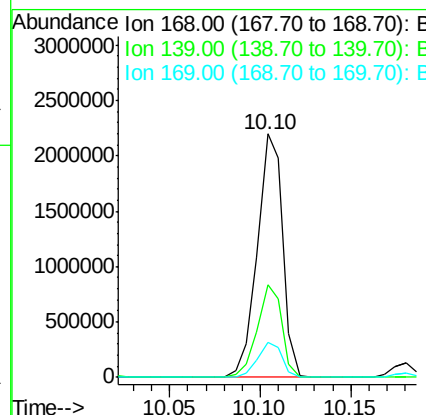
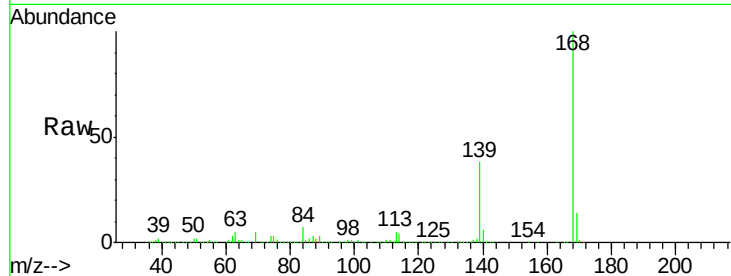
#55
Dibenzofuran
Concen: 48.932 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ion	Ratio	Lower	Upper
2132549	168	100		
	139	38.2	32.7	49.1
	169	14.3	12.2	18.2

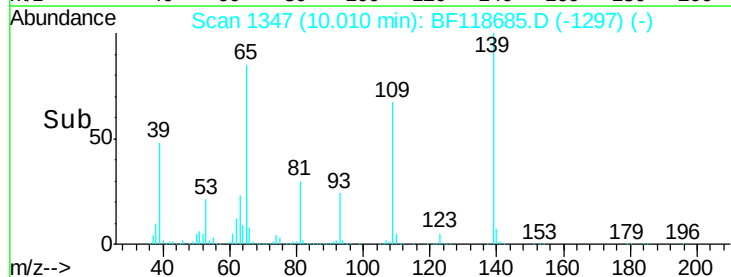
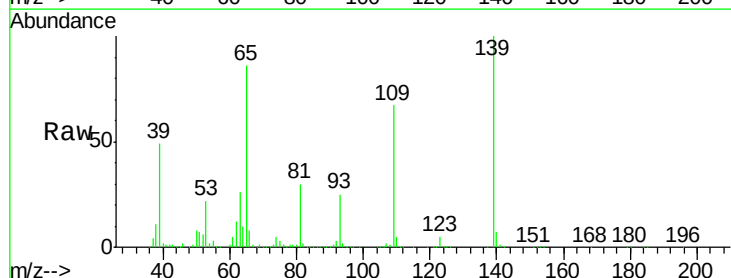
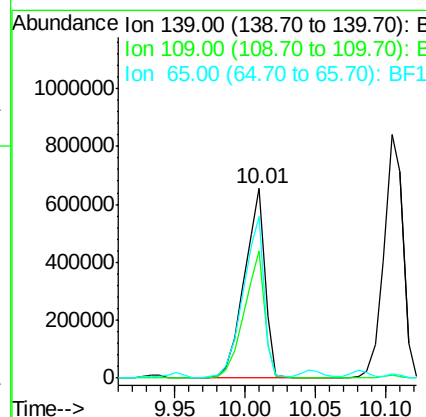
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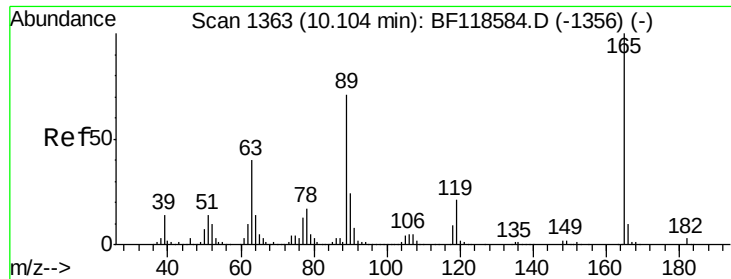
mohammad
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#56
4-Nitrophenol
Concen: 92.487 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
669376	139	100		
	109	66.8	56.0	96.0
	65	85.5	81.4	121.4





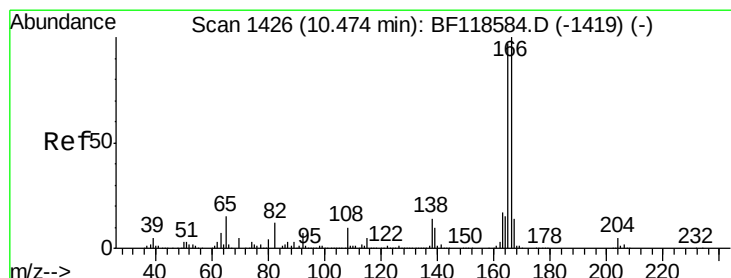
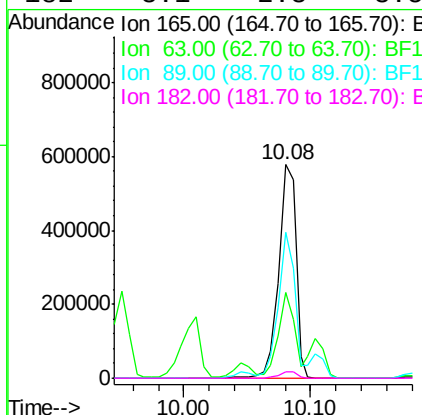
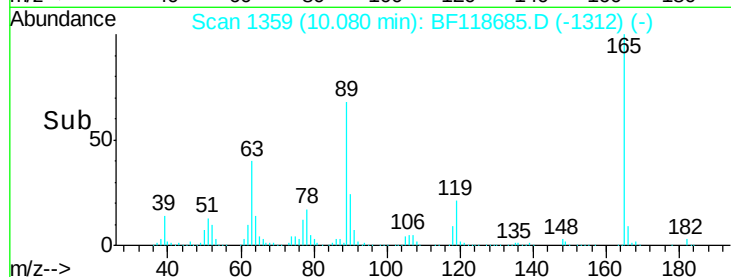
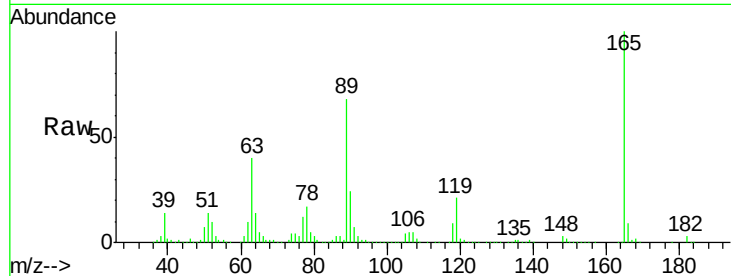
#57
2,4-Dinitrotoluene
Concen: 51.613 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		546297		
63	40.2		32.4	48.6	
89	68.4		56.4	84.6	
182	3.1		2.3	3.5	

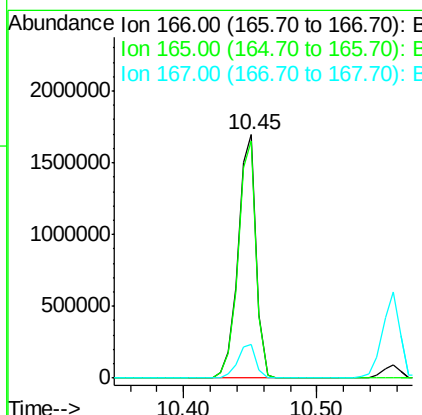
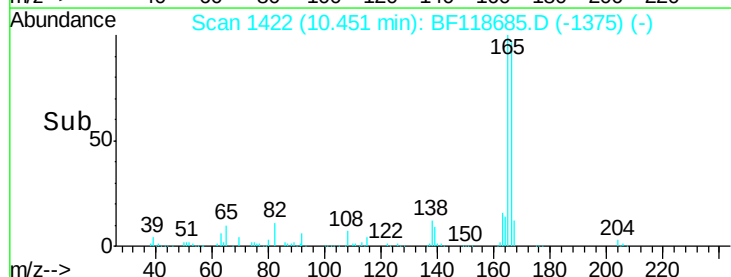
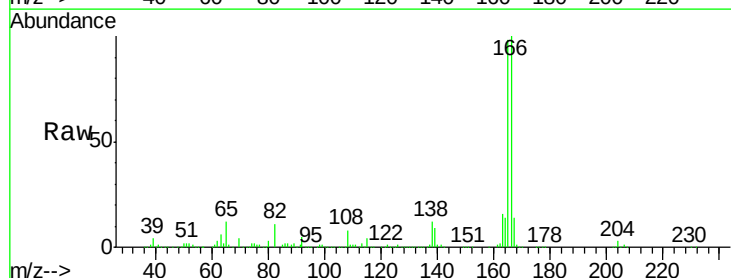
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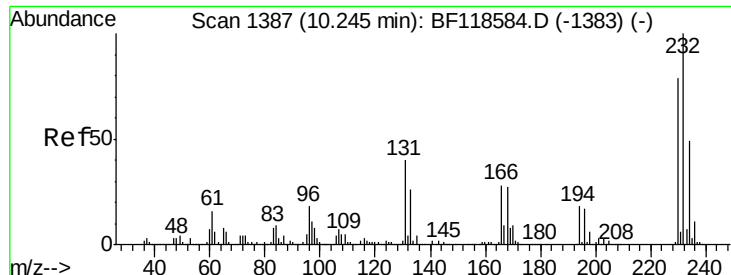
mohammad
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#58
Fluorene
Concen: 46.524 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1591775		
165	97.6		77.3	115.9	
167	13.6		11.5	17.3	





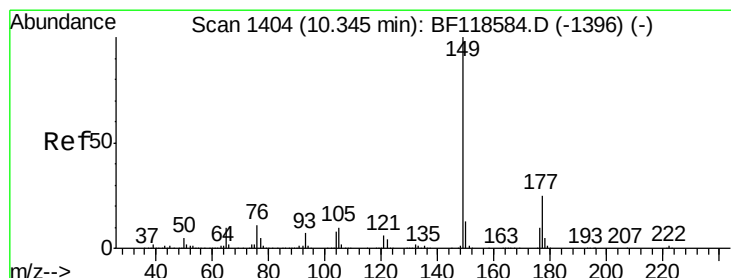
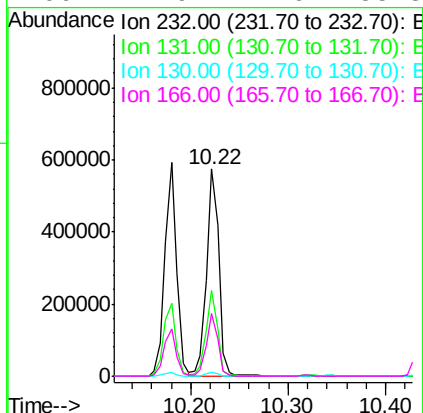
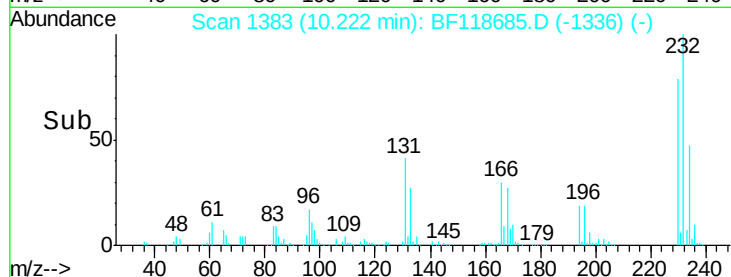
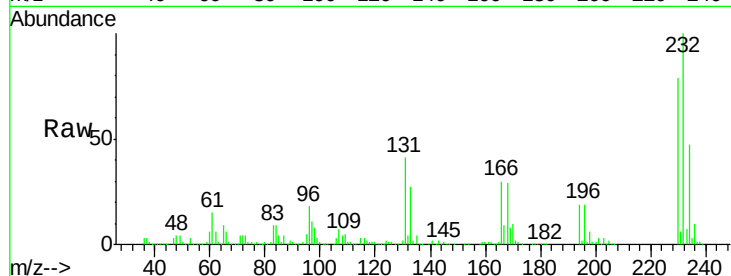
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.932 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.2	49.8
130	2.0	1.8	2.6
166	27.9	22.6	33.8

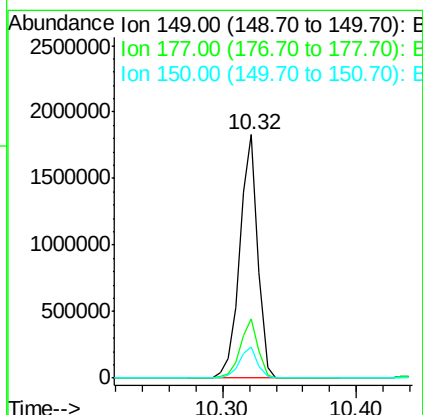
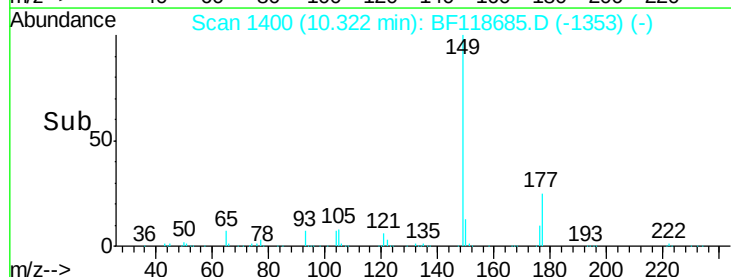
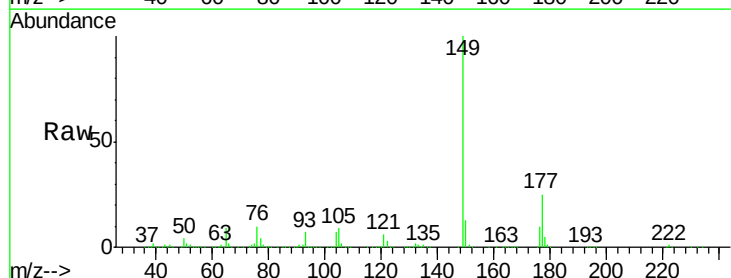
Manual Integrations
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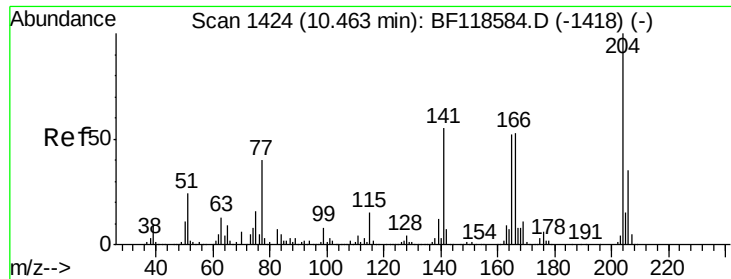
mohammad
 1/28/2020 8:12:10 AM



#60
 Diethylphthalate
 Concen: 47.058 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	20.0	30.0
150	13.0	10.6	16.0





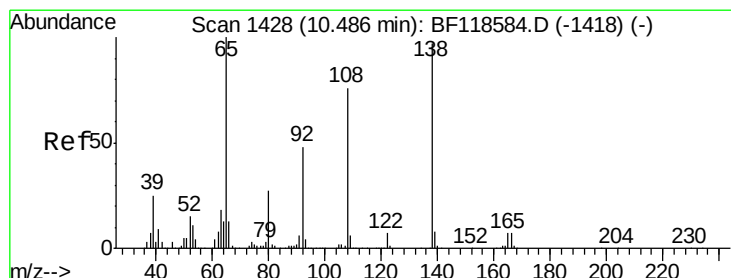
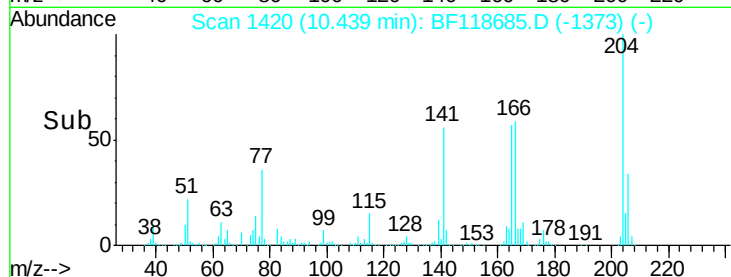
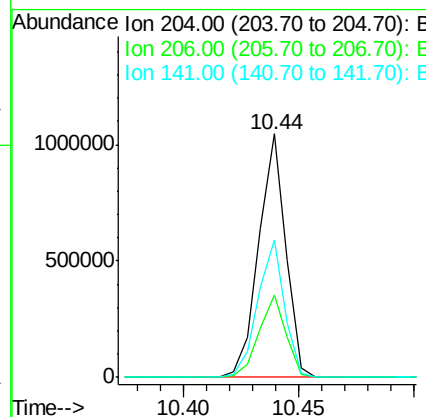
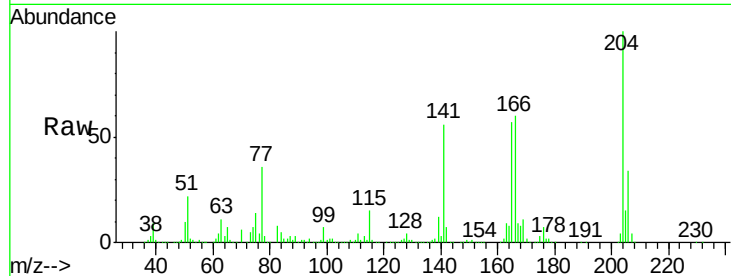
#61
4-Chlorophenyl-phenylether
Concen: 46.094 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.8	41.6
141	56.5	43.7	65.5

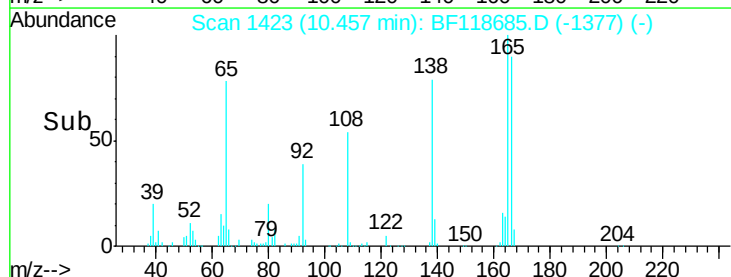
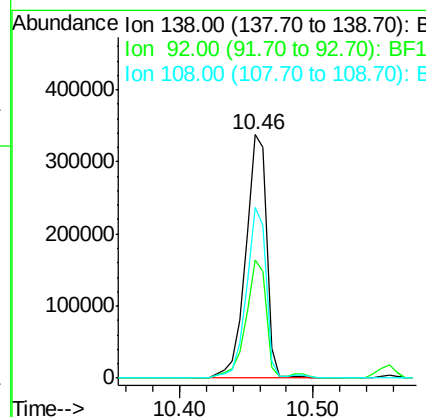
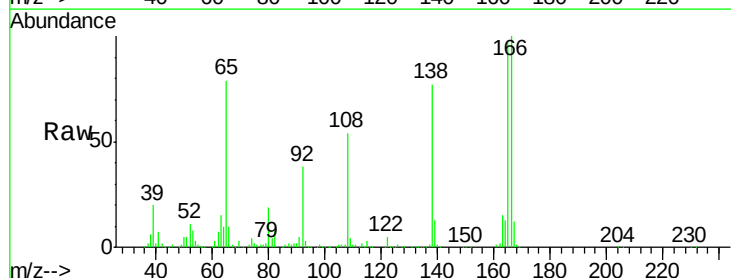
Manual Integrations
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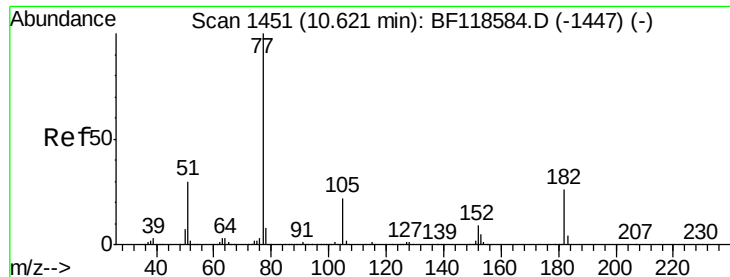
mohammad
1/28/2020 8:12:10 AM



#62
4-Nitroaniline
Concen: 37.269 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.4	69.4
108	70.1	58.2	98.2





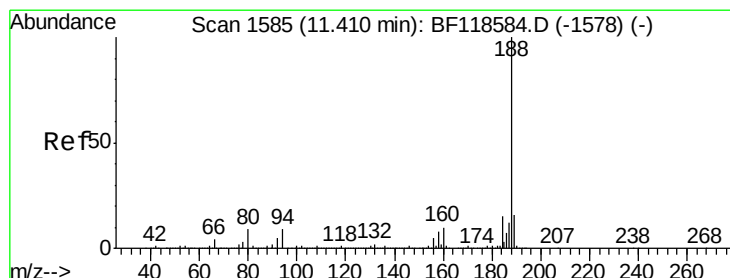
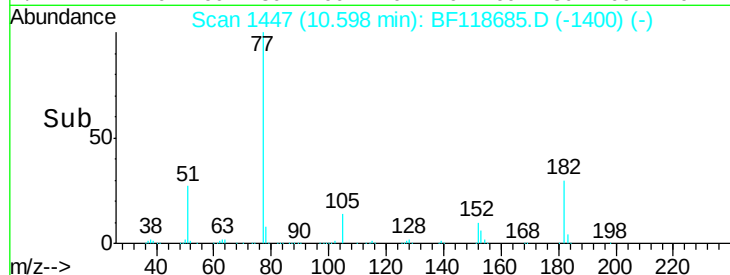
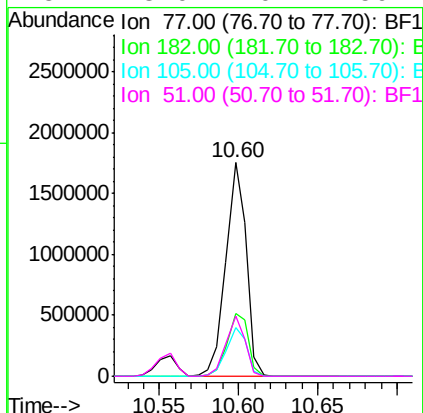
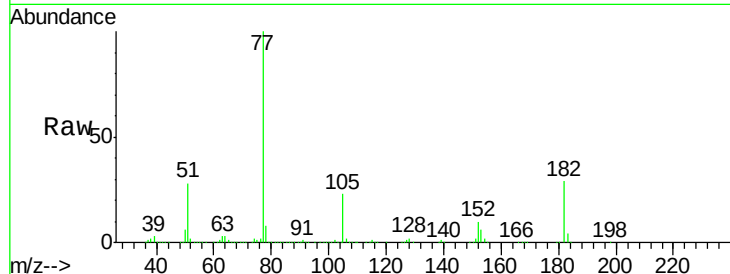
#63
Azobenzene
Concen: 44.219 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampled :
EP-12MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	5.6	45.6
105	22.7	2.0	42.0
51	28.0	10.2	50.2

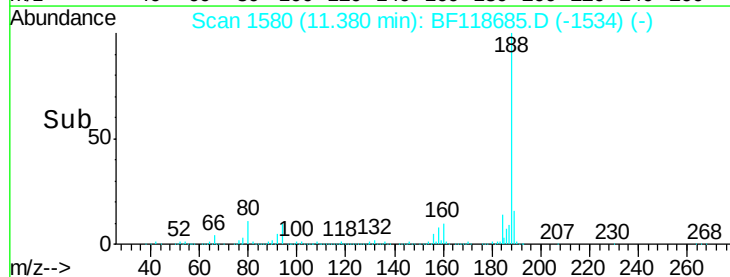
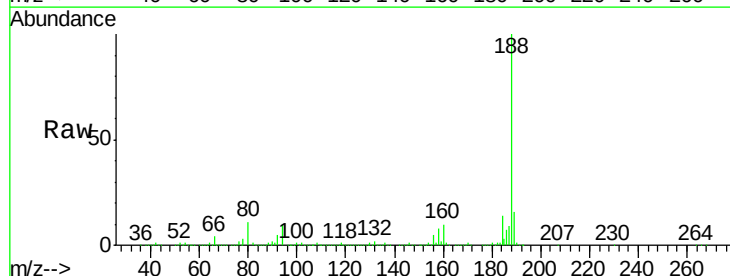
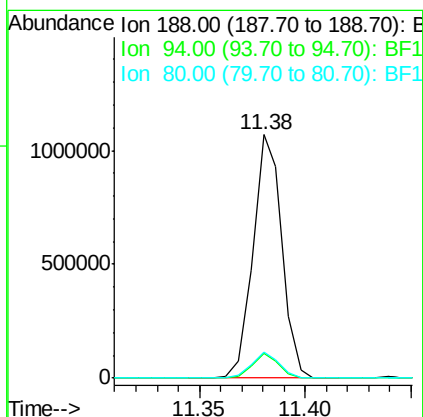
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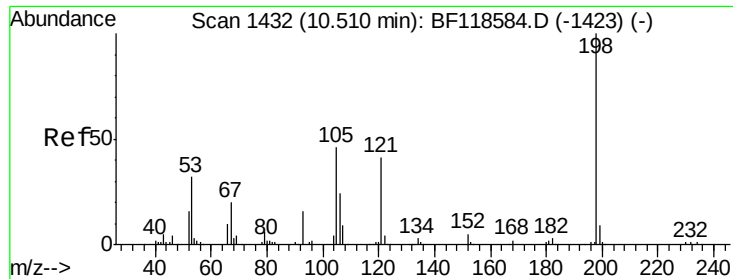
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.7	7.5	11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 60.981 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

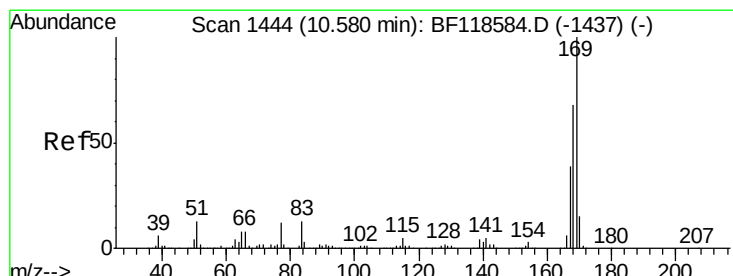
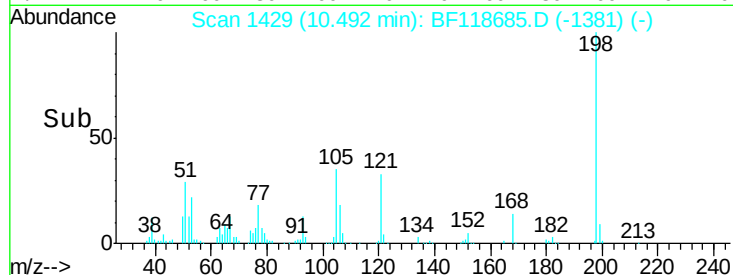
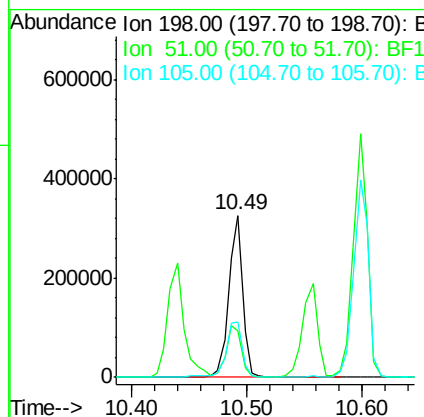
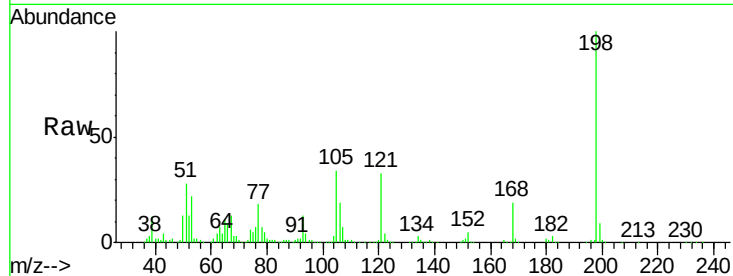
ClientSampled :

EP-12MS

Tot Ion:	198	Resp:	271784
Ion Ratio	Lower	Upper	
198	100		
51	28.4	25.2	65.2
105	34.4	26.3	66.3

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 49.075 ng

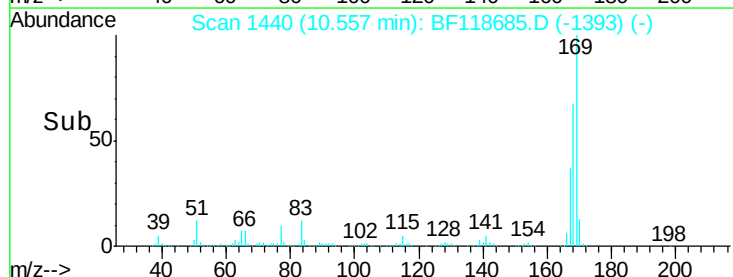
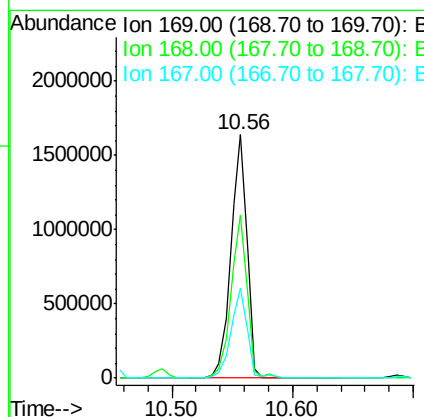
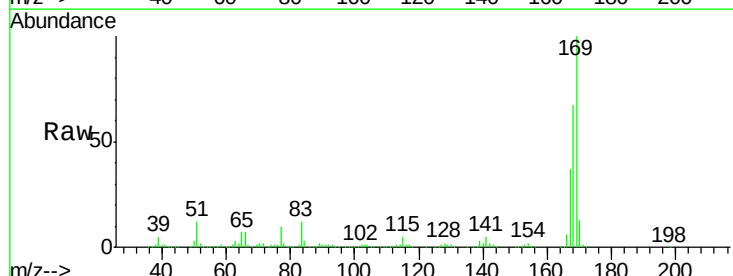
RT: 10.56 min Scan# 1440

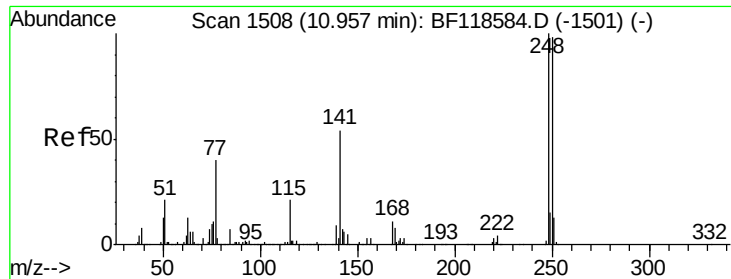
Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:	169	Resp:	1500040
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.6	82.0
167	36.8	30.9	46.3





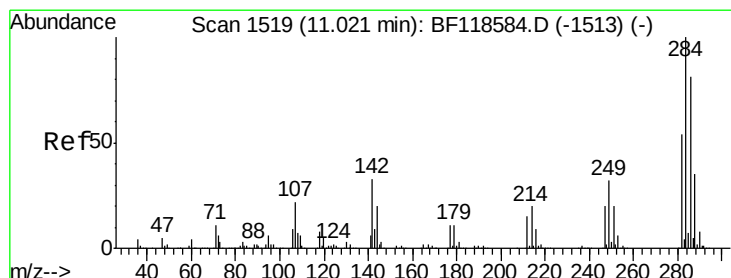
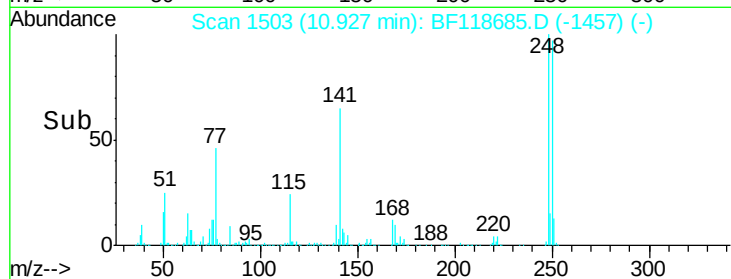
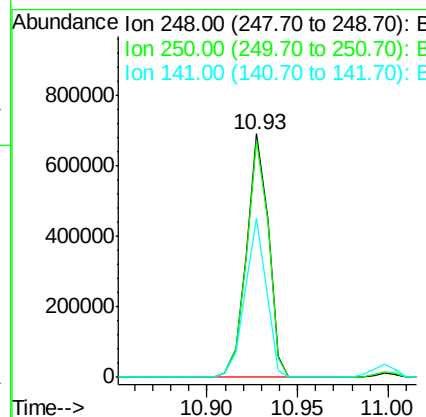
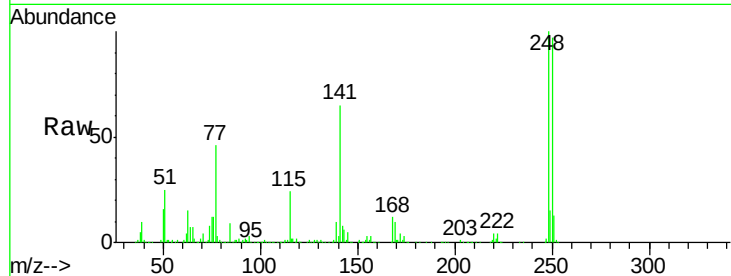
#67
4-Bromophenyl-phenylether
Concen: 46.380 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.03 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.7	118.1
141	65.2	43.2	64.8

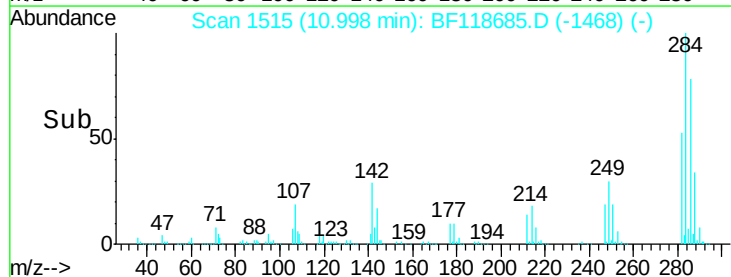
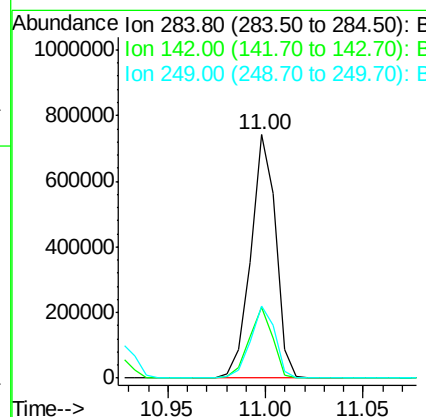
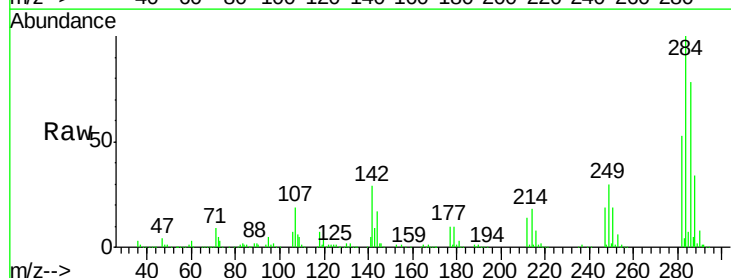
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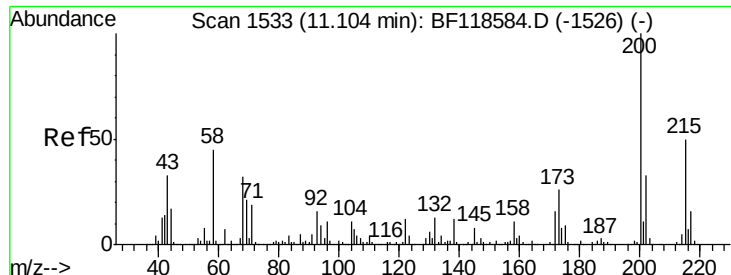
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#68
Hexachlorobenzene
Concen: 45.949 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	26.6	39.8
249	29.8	25.2	37.8





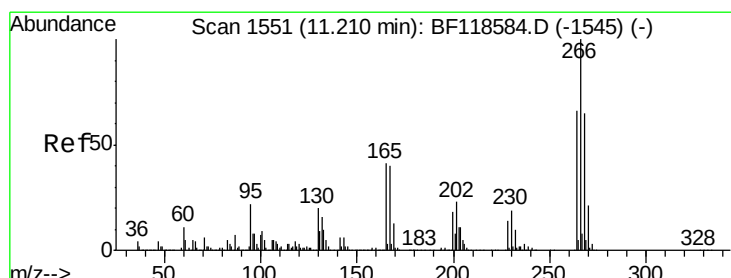
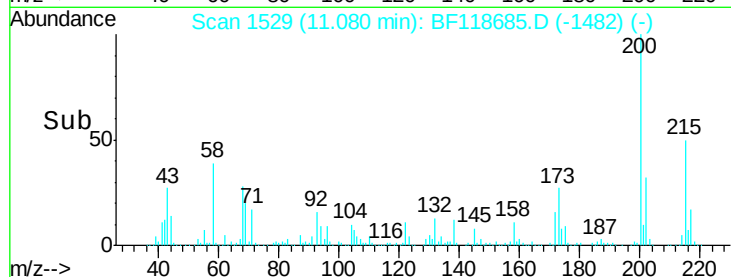
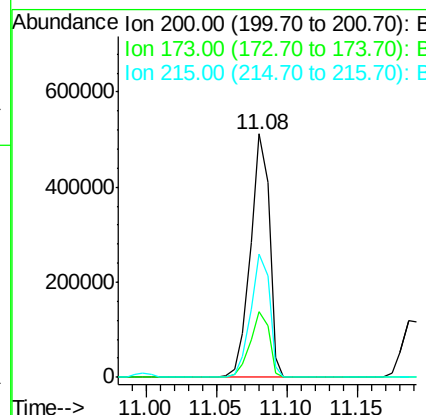
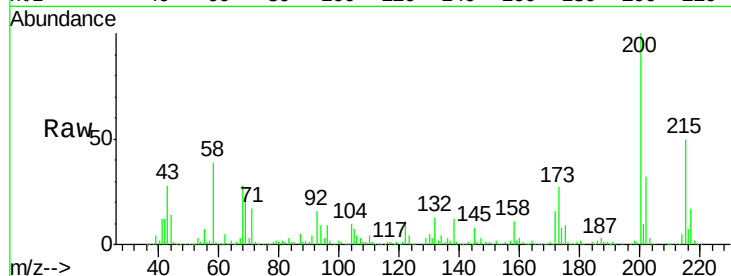
#69
 Atrazine
 Concen: 45.373 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.3	46.3
215	50.4	30.2	70.2

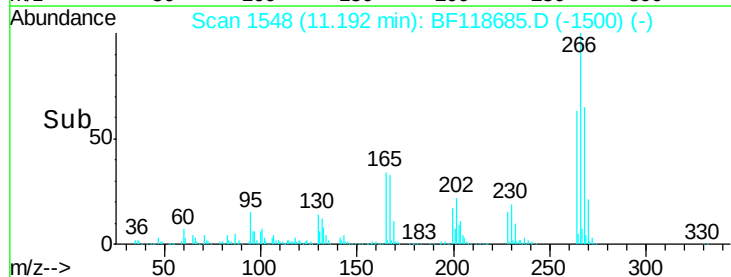
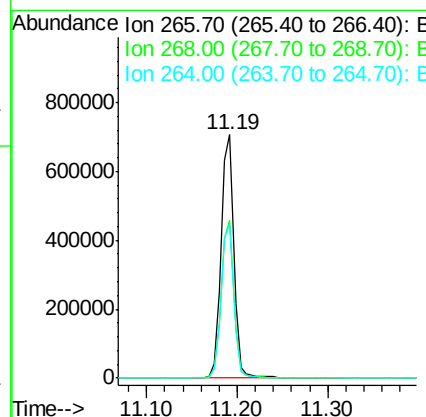
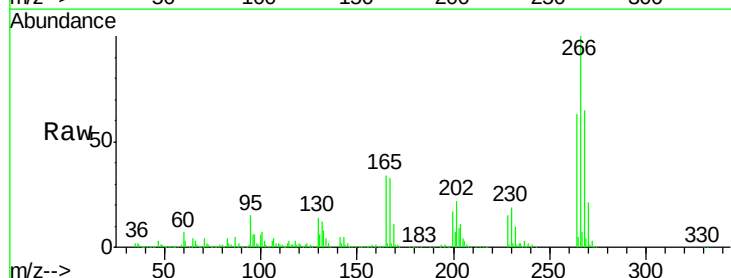
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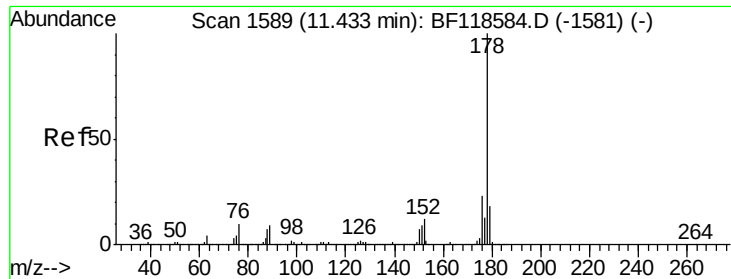
mohammad
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#70
 Pentachlorophenol
 Concen: 87.293 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.1	78.1
264	63.2	52.4	78.6





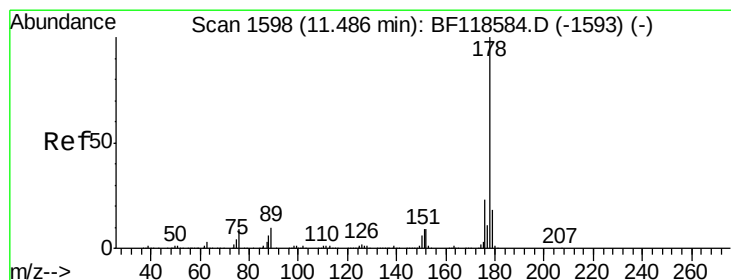
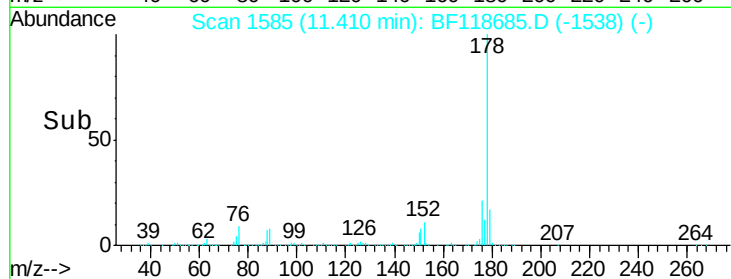
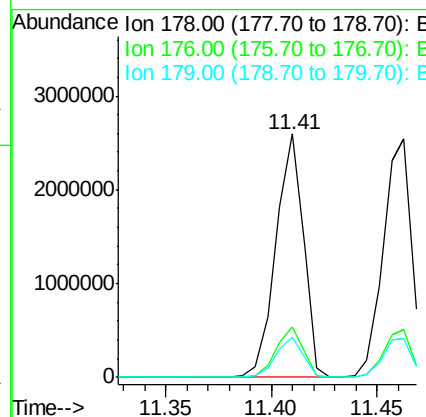
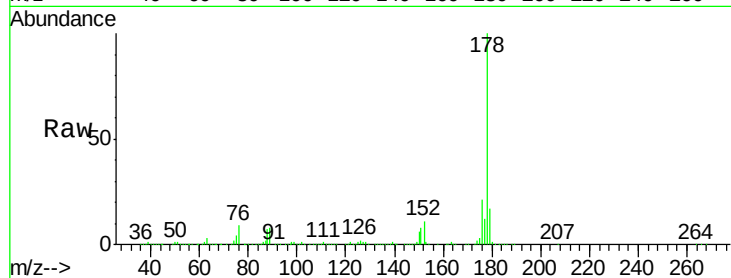
#71
Phenanthrene
Concen: 48.281 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.6	27.8
179	16.6	14.7	22.1

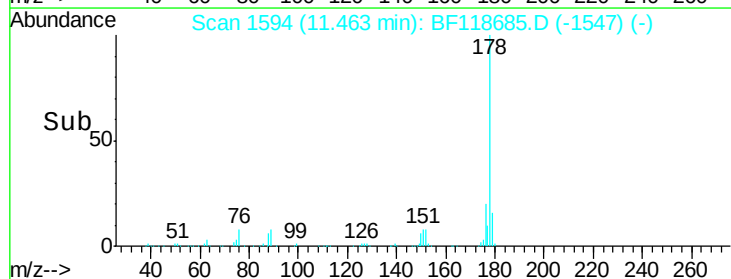
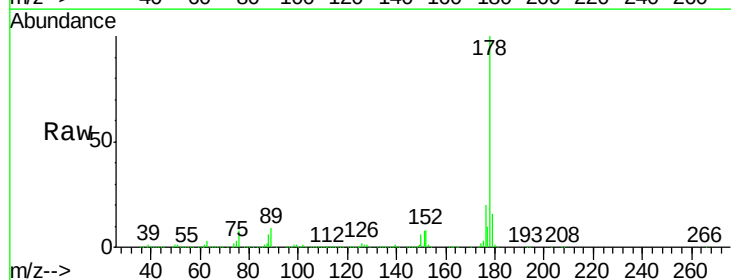
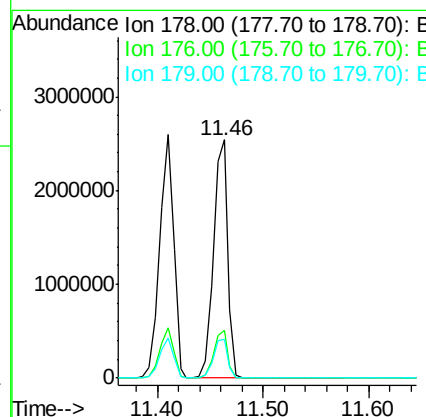
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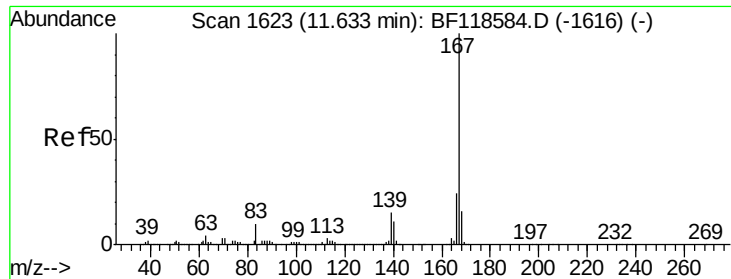
mohammad
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#72
Anthracene
Concen: 49.827 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.0	27.0
179	16.4	14.7	22.1





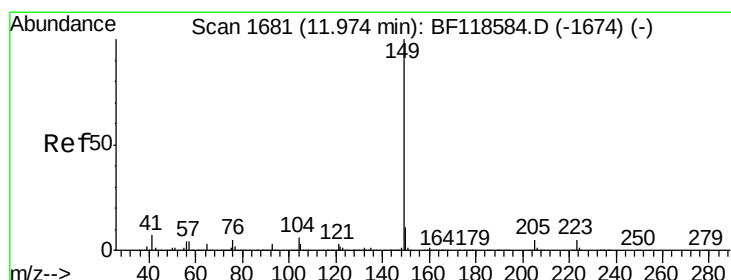
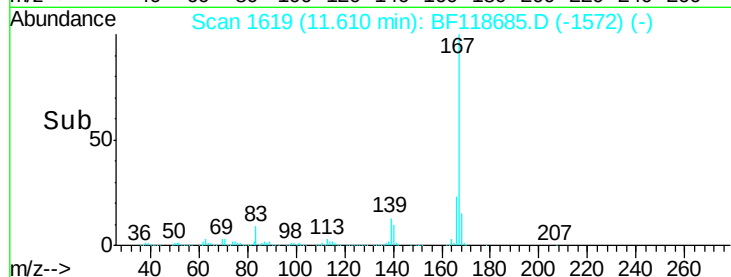
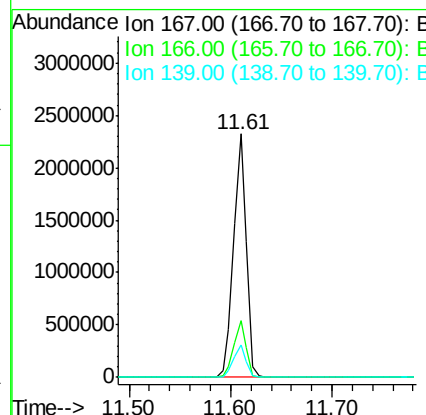
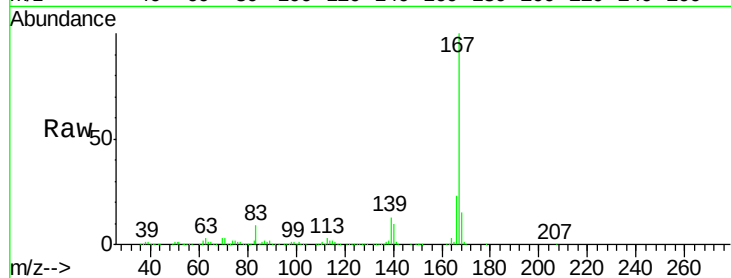
#73
 Carbazole
 Concen: 45.853 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.02 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.1	19.4	29.2	
139	13.3	11.7	17.5	

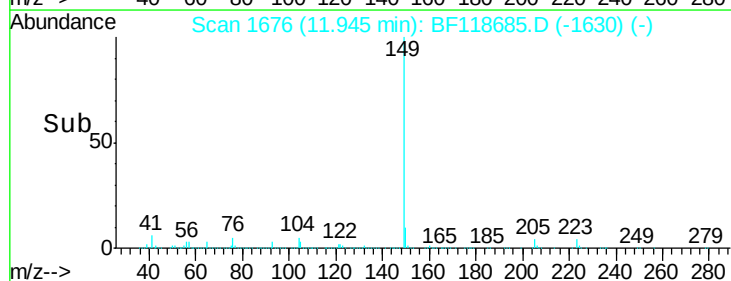
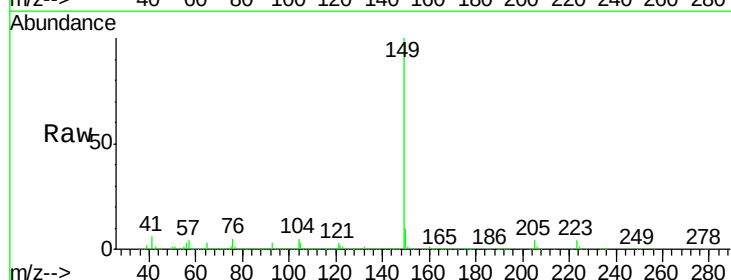
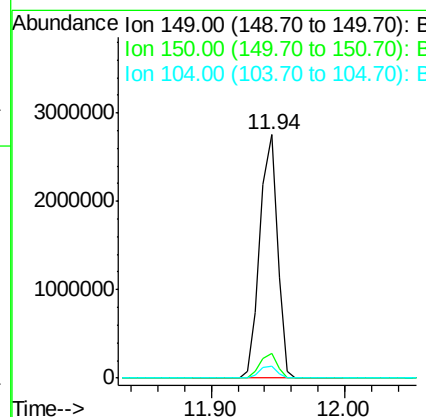
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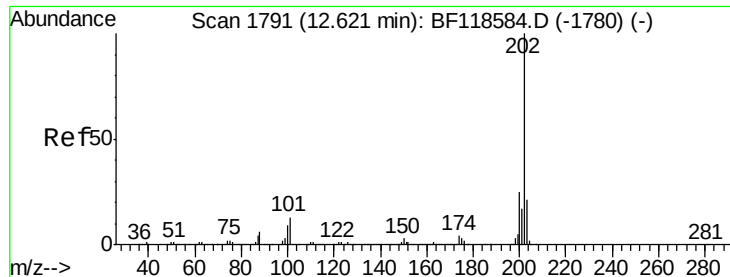
mohammad
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#74
 Di-n-butylphthalate
 Concen: 49.956 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.03 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.0	8.7	13.1	
104	5.1	4.6	6.8	





#75

Fluoranthene

Concen: 45.264 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

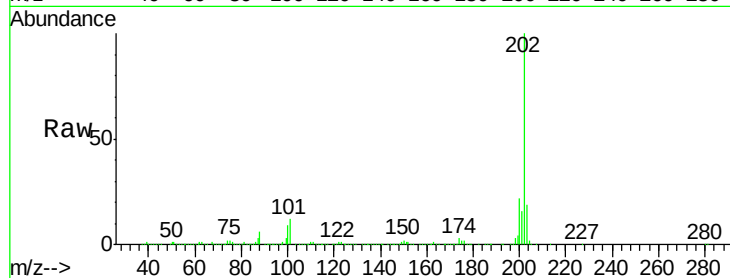
ClientSampleId :

EP-12MS

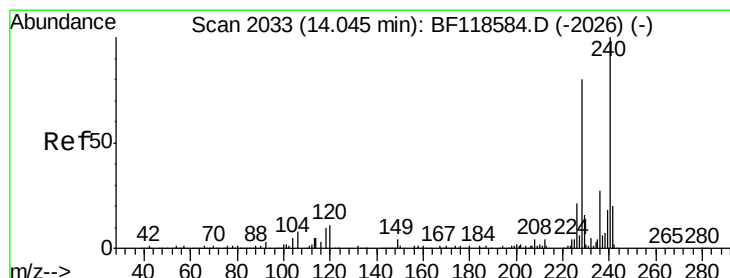
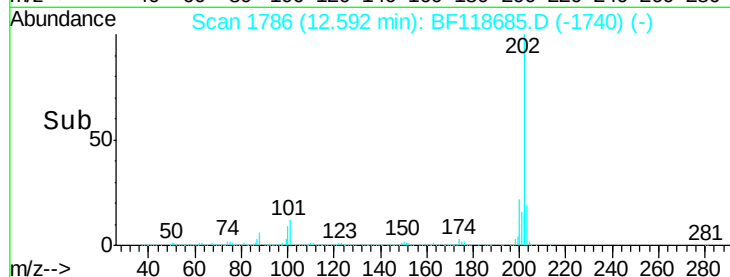
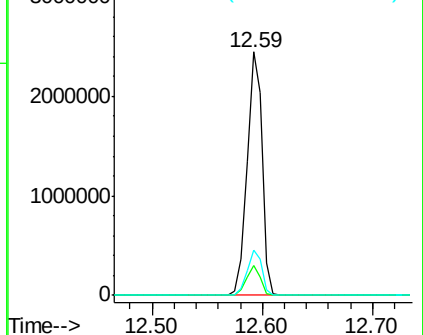
Tot Ion:	202	Resp:	2334432
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	18.7	0.8	40.8

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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: 14.02 min Scan# 2028

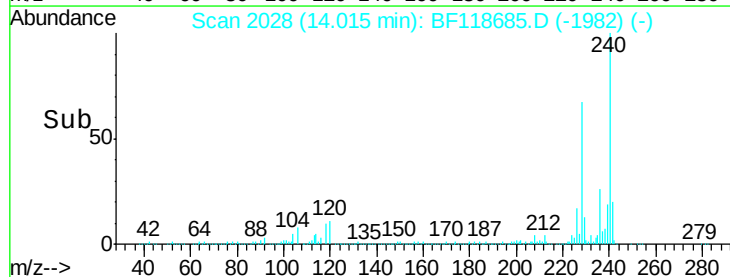
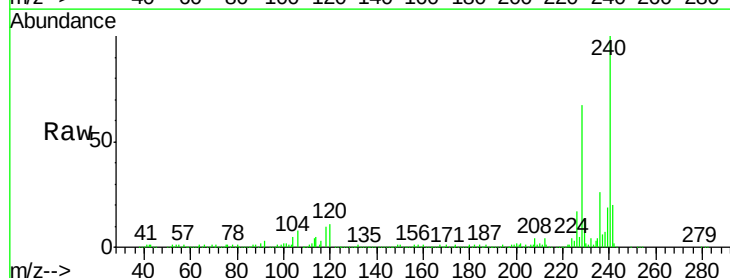
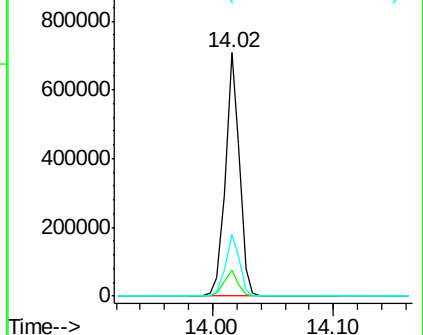
Delta R.T. -0.03 min

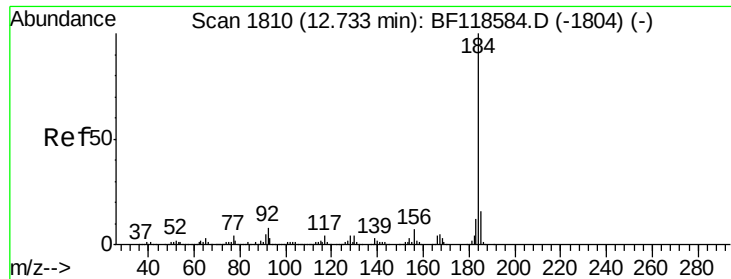
Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Tgt Ion:	240	Resp:	566548
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	21.5	32.3

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: 62.142 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

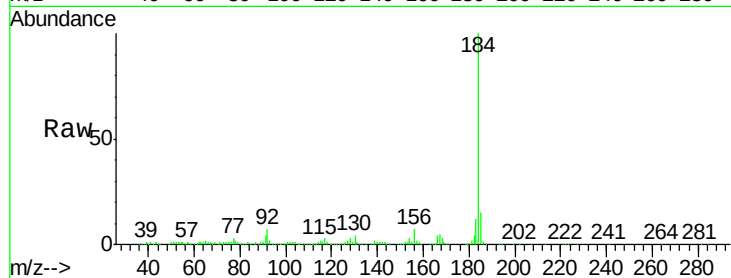
ClientSampled :

EP-12MS

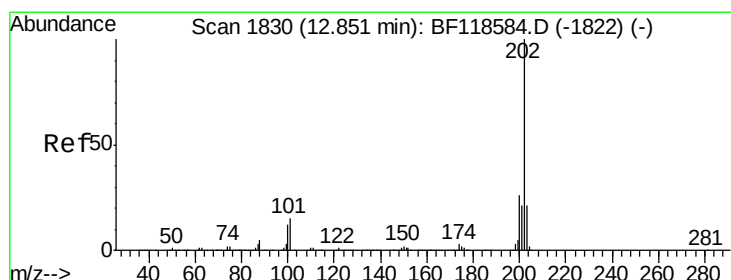
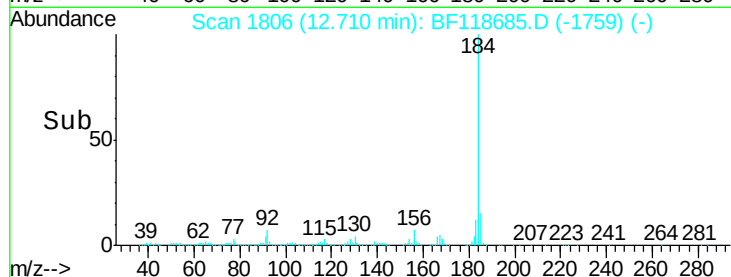
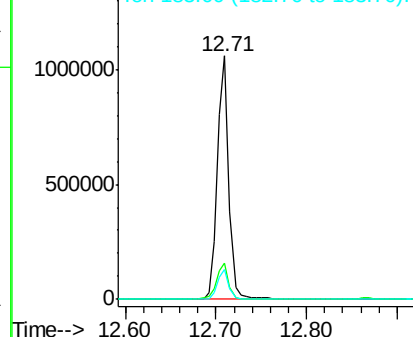
Tot Ion:	184	Resp:	940689
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.9	19.3
183	12.2	9.6	14.4

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



#78

Pyrene

Concen: 59.563 ng

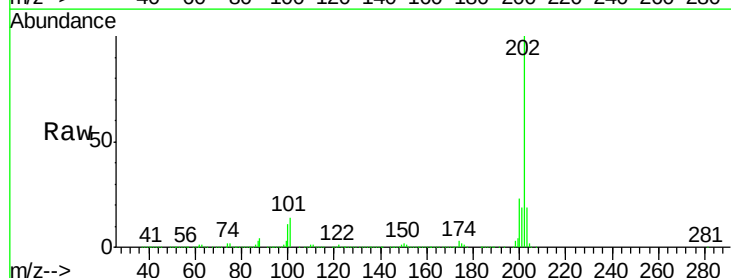
RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

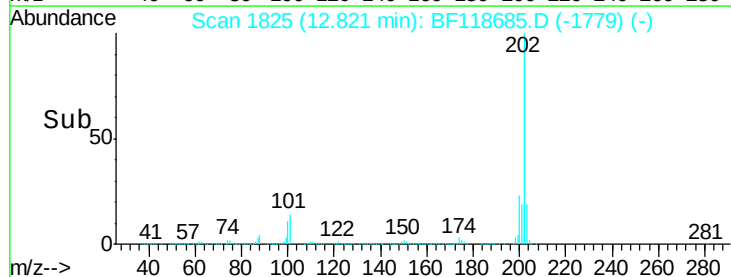
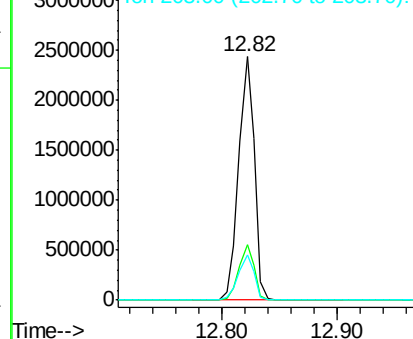
Lab File: BF118685.D

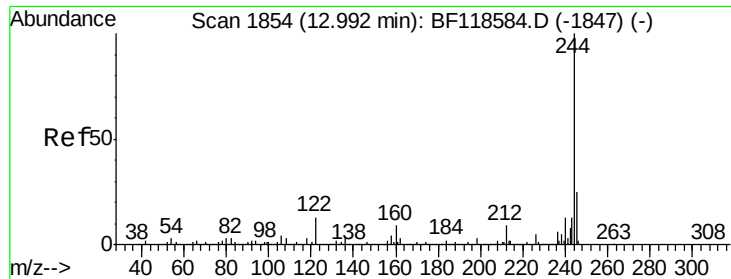
Acq: 24 Jan 2020 15:00

Tgt Ion:	202	Resp:	2290990
Ion Ratio	Lower	Upper	
202	100		
200	22.8	20.6	31.0
203	18.8	16.8	25.2



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





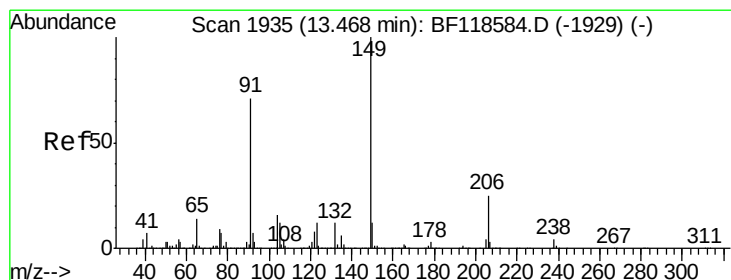
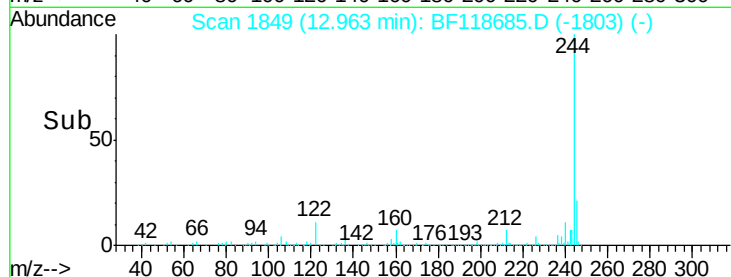
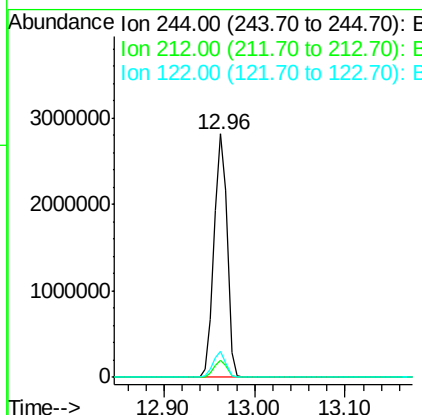
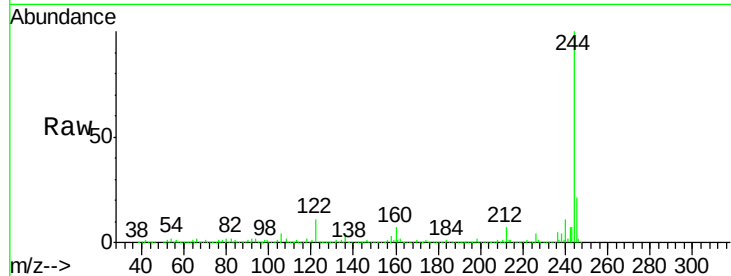
#79
 Terphenyl-d14
 Concen: 108.785 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.0	10.4
122	10.9	10.7	16.1

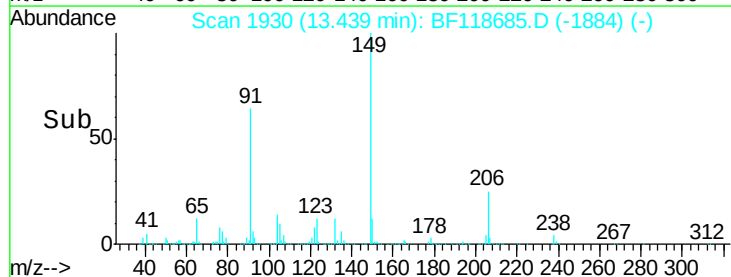
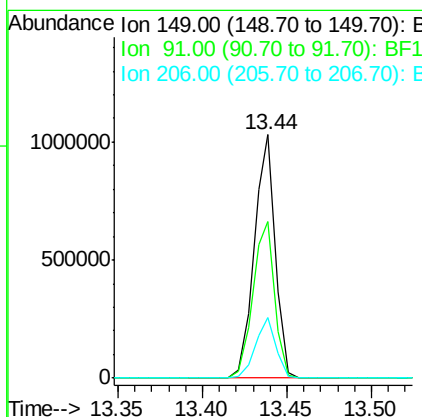
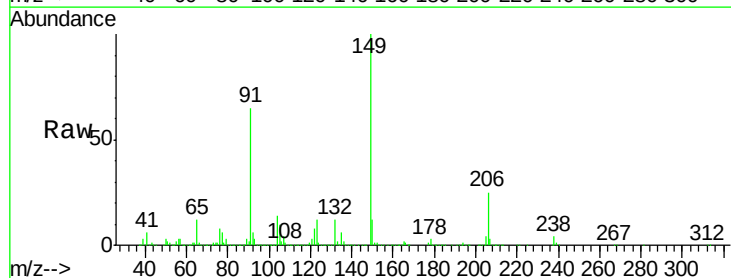
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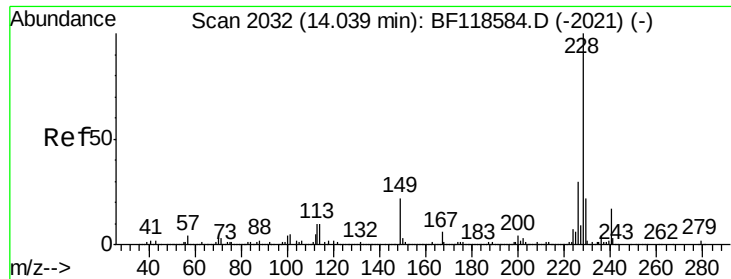
mohammad
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#80
 Butylbenzylphthalate
 Concen: 56.791 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.03 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	56.5	84.7
206	25.1	19.9	29.9





#81

Benzo(a)anthracene

Concen: 48.993 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.04 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

Instrument :

BNA_F

ClientSampled :

EP-12MS

Tot Ion:228 Resp: 1669732

Ion Ratio Lower Upper

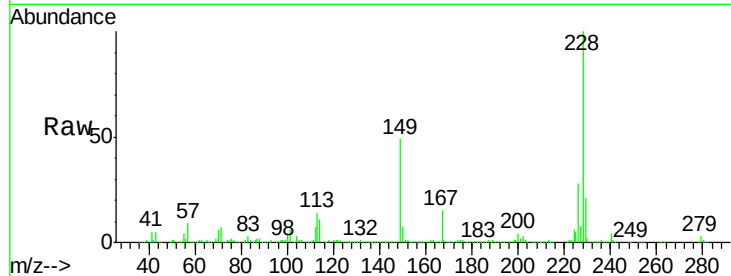
228 100

226 28.0 24.1 36.1

229 20.8 17.6 26.4

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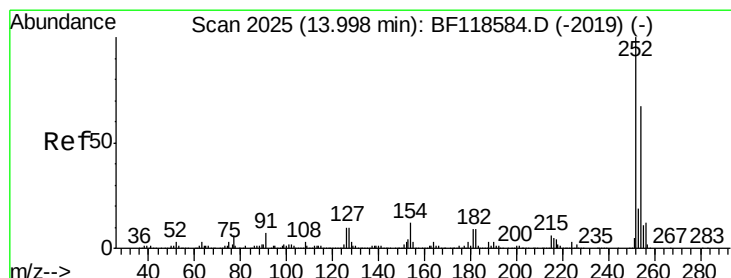
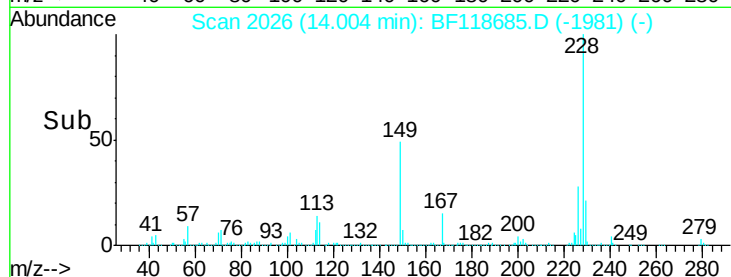
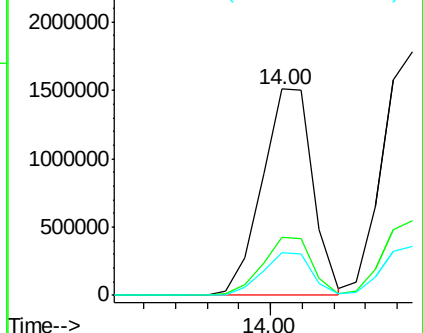
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.215 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.04 min

Lab File: BF118685.D

Acq: 24 Jan 2020 15:00

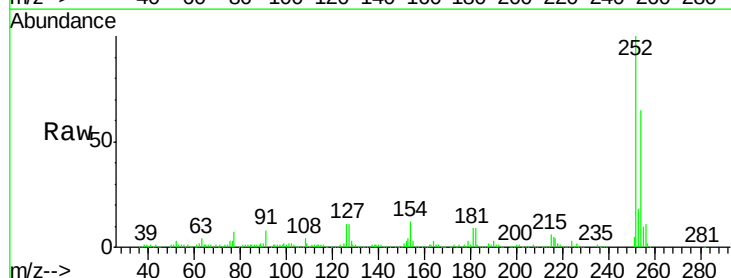
Tgt Ion:252 Resp: 379078

Ion Ratio Lower Upper

252 100

254 65.2 53.4 80.2

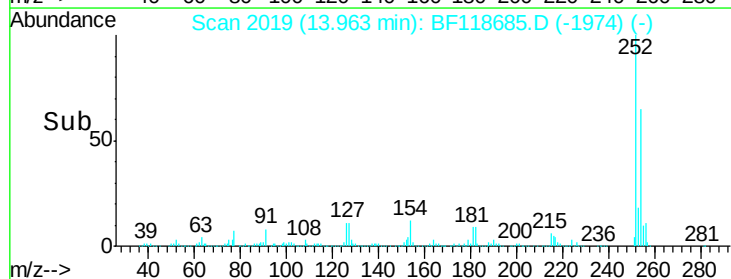
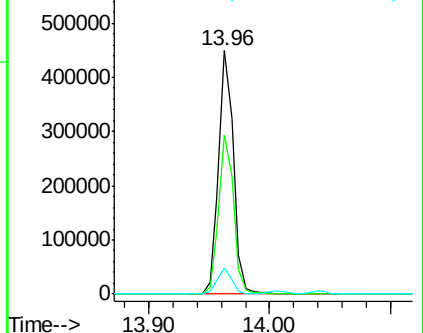
126 10.7 8.0 12.0

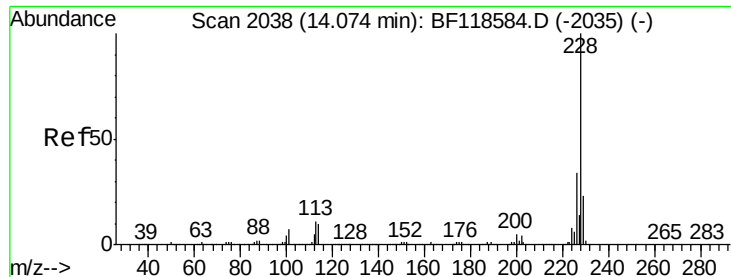


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





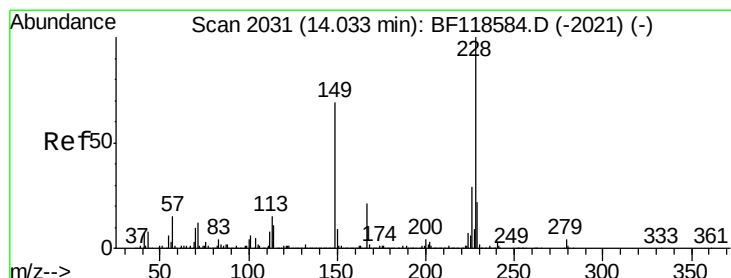
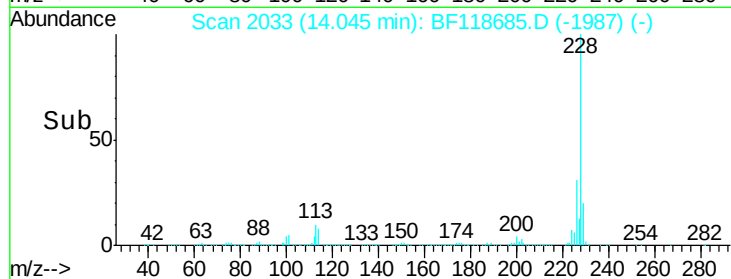
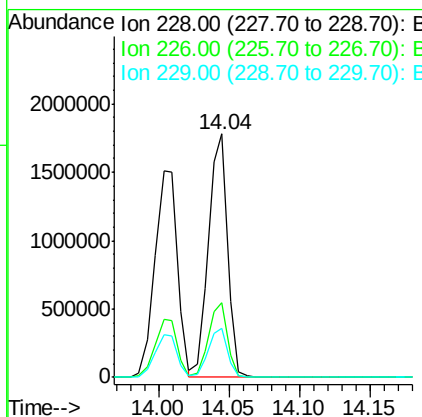
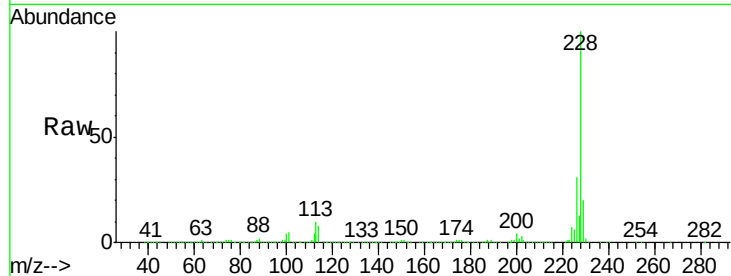
#83
 Chrysene
 Concen: 50.968 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.03 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12MS

Tot Ion:228 Resp: 1664789
 Ion Ratio Lower Upper
 228 100
 226 30.7 27.4 41.0
 229 20.1 18.3 27.5

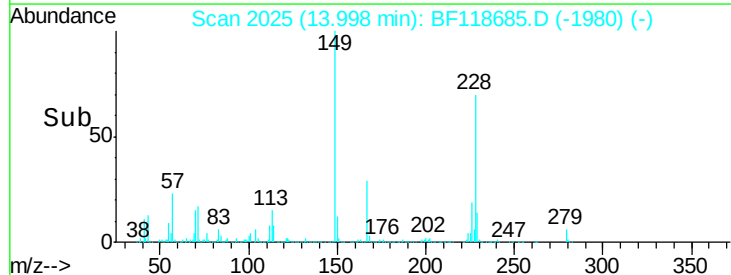
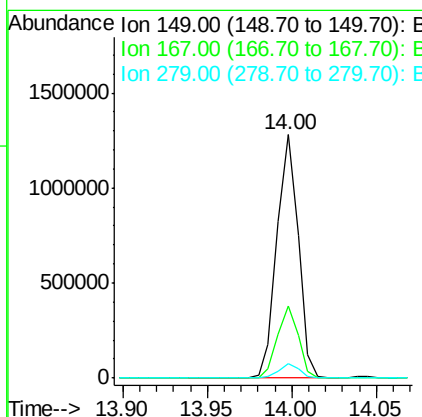
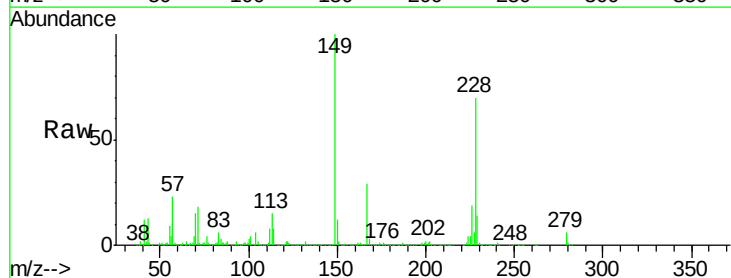
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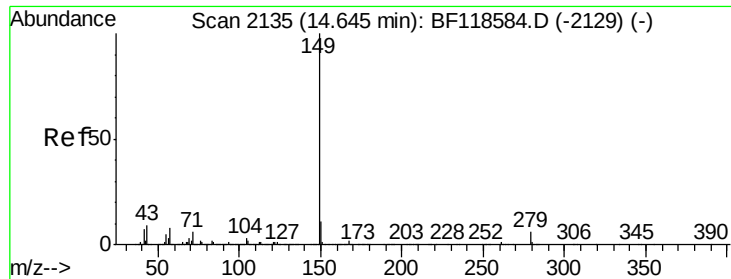
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.304 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF118685.D
 Acq: 24 Jan 2020 15:00

Tgt Ion:149 Resp: 1121295
 Ion Ratio Lower Upper
 149 100
 167 29.4 24.2 36.4
 279 5.7 5.0 7.4





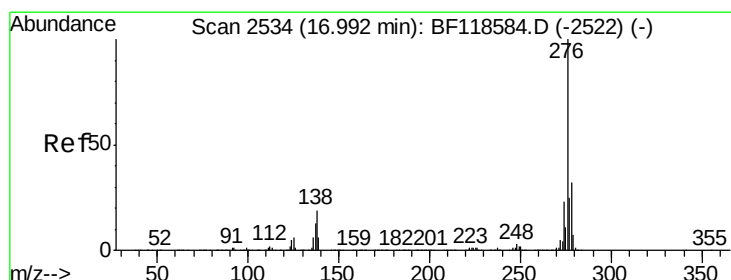
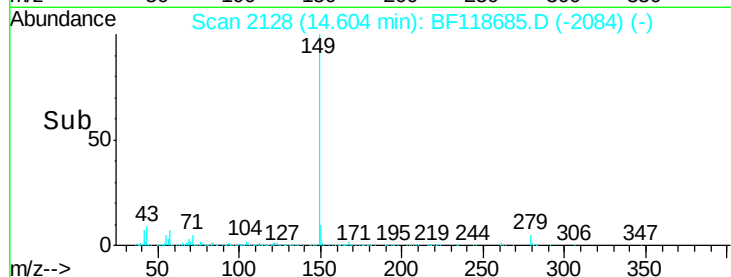
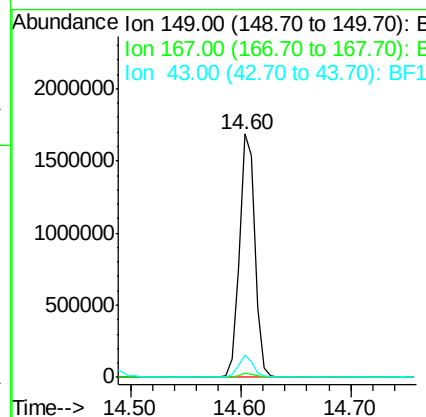
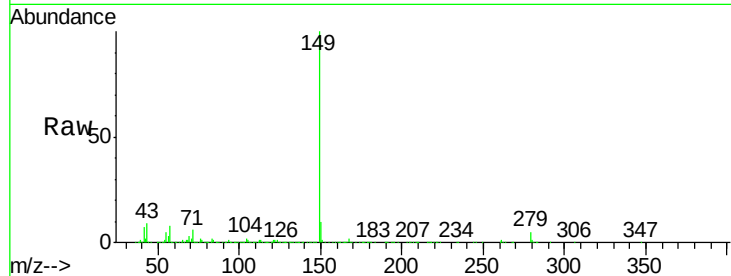
#85
Di-n-octyl phthalate
Concen: 58.217 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.1	8.1	12.1

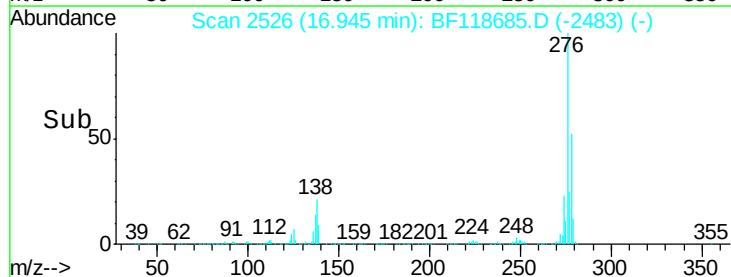
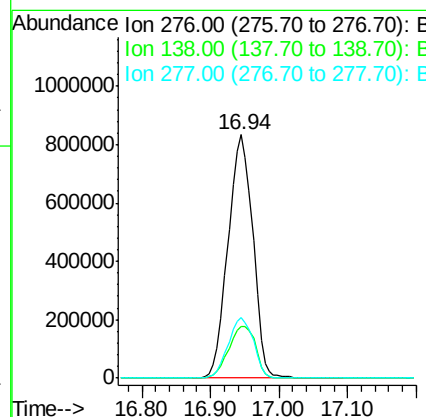
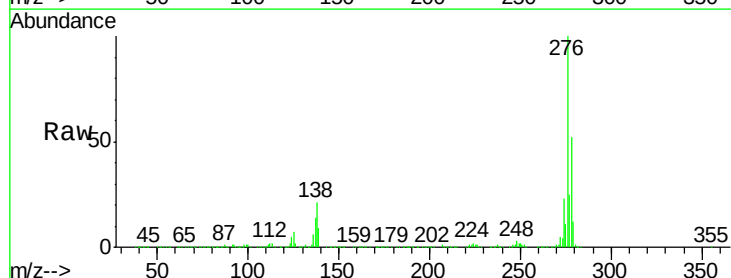
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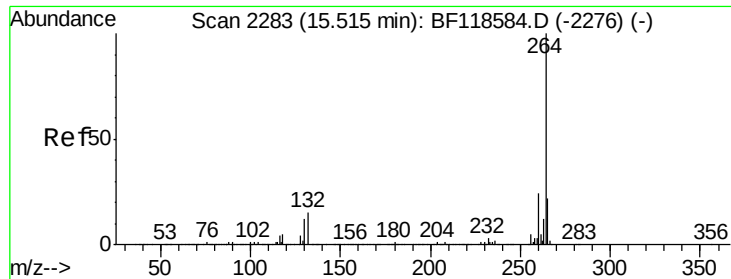
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 73.618 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.2	25.8
277	25.5	20.5	30.7





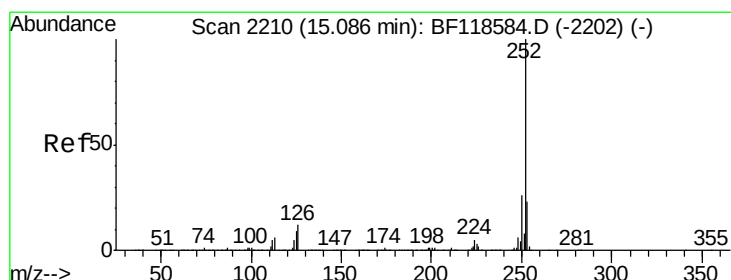
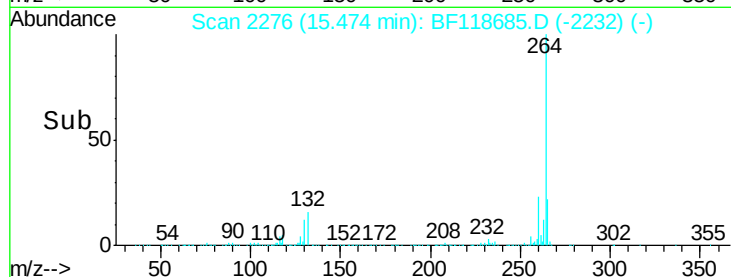
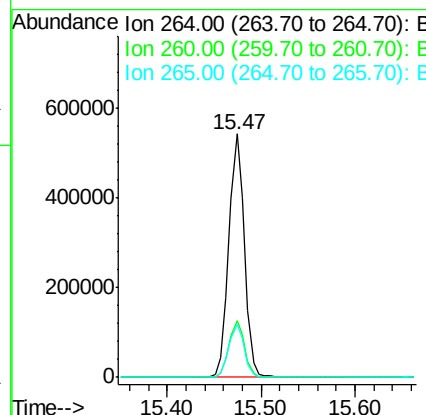
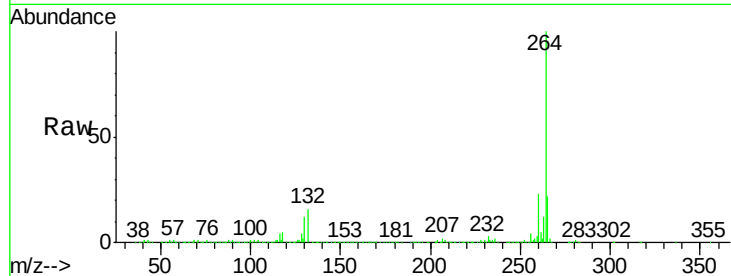
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.7	17.7	26.5

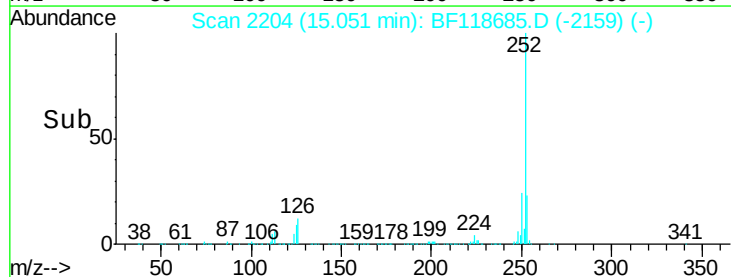
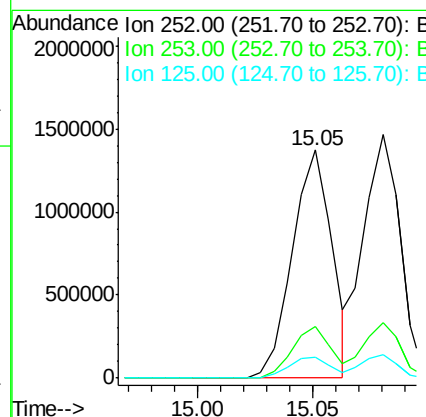
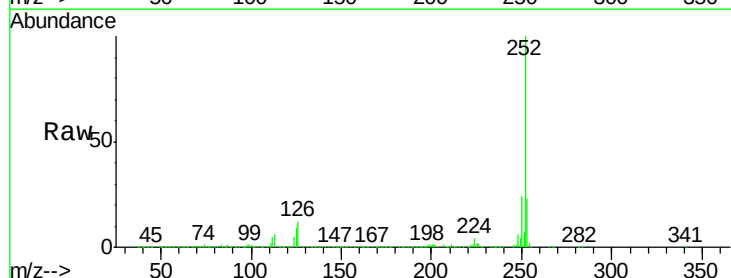
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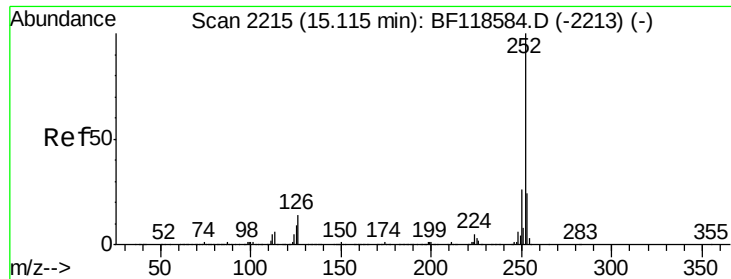
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.510 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	9.4	7.3	10.9





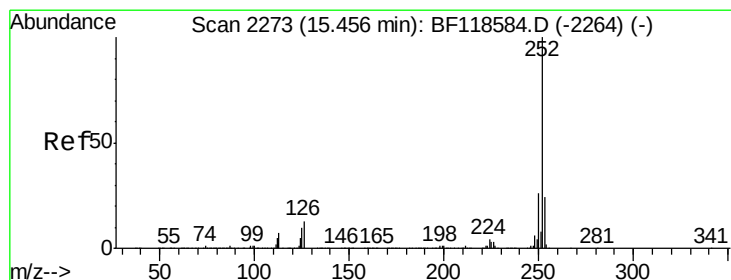
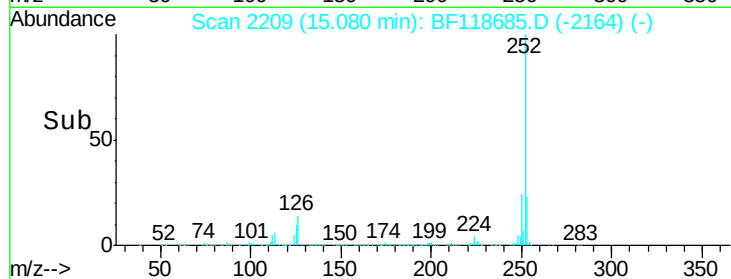
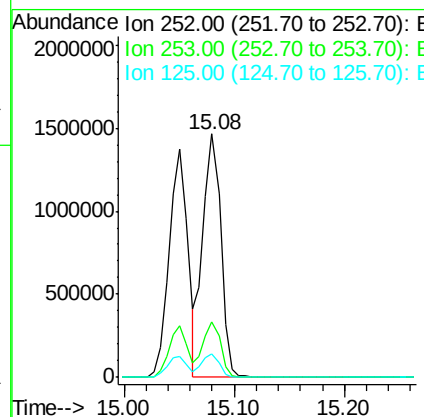
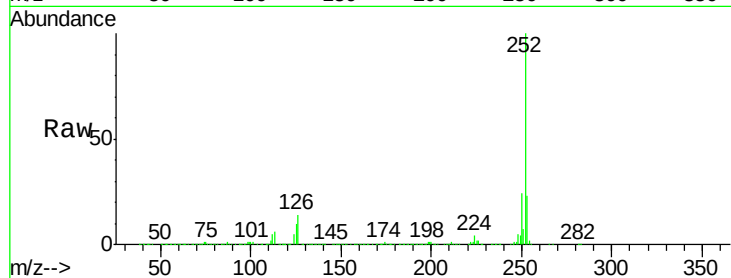
#89
Benzo(k)fluoranthene
Concen: 44.587 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.4
125	9.6	7.6	11.4

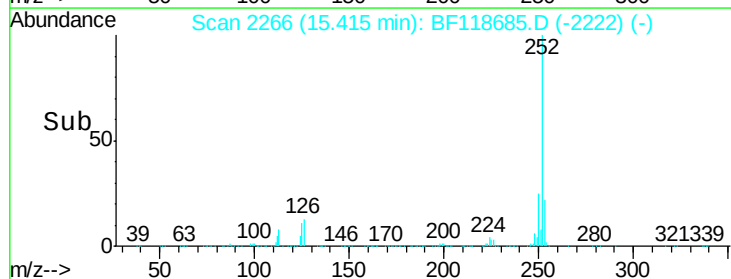
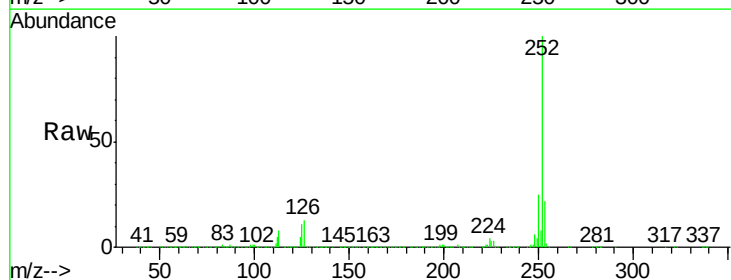
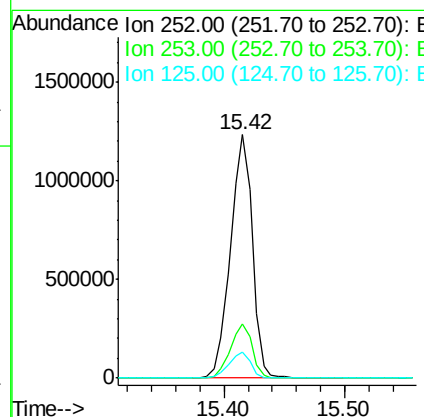
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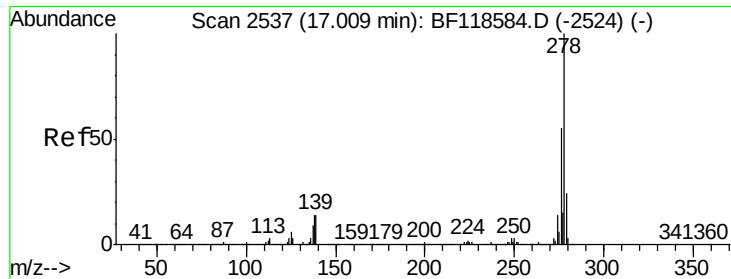
mohammad
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#90
Benzo(a)pyrene
Concen: 45.691 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.8	28.2
125	10.6	7.8	11.6





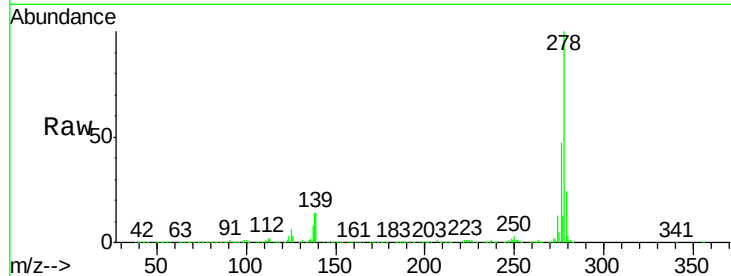
#91
Dibenzo(a,h)anthracene
Concen: 57.874 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Instrument :
BNA_F
ClientSampleId :
EP-12MS

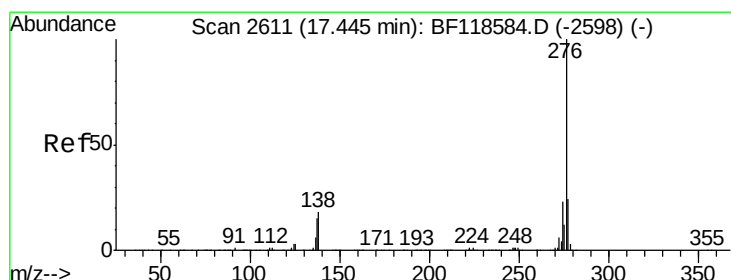
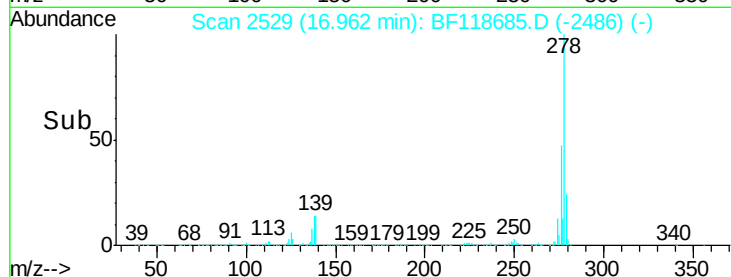
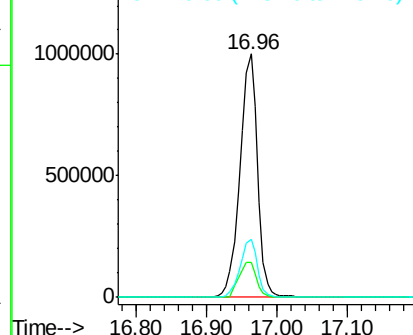
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.4	17.0
279	23.7	19.0	28.6

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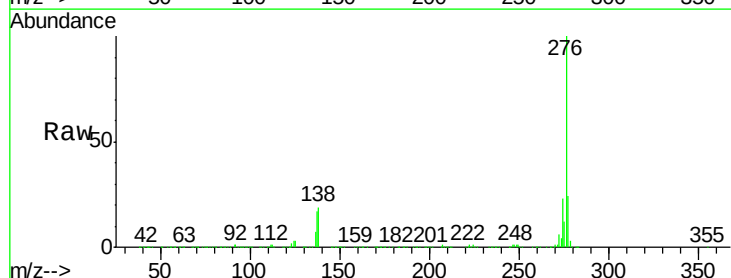


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 63.191 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.05 min
Lab File: BF118685.D
Acq: 24 Jan 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	19.3	14.4	21.6



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

