

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120099.D
 Acq On : 21 Apr 2020 13:29
 Operator : MA/SJ
 Sample : PB128301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:16:53 AM

Quant Time: Apr 21 14:05:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	118516	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	462414	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	229554	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	409116	20.00	ng	0.00
76) Chrysene-d12	13.87	240	361126	20.00	ng	0.00
87) Perylene-d12	15.28	264	318169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	996381	145.29	ng	0.01
7) Phenol-d6	6.34	99	1292084	146.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	792214	88.63	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	336568	119.75	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1509310	93.35	ng	0.00
79) Terphenyl-d14	12.82	244	1686997	78.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	133564	43.727	ng	96
3) Pyridine	3.06	79	377049	44.992	ng	96
4) n-Nitrosodimethylamine	3.02	42	215405	50.307	ng	98
6) Aniline	6.36	93	373941	32.241	ng	# 56
8) 2-Chlorophenol	6.48	128	404039	52.730	ng	100
9) Benzaldehyde	6.24	77	164010	31.544	ng	99
10) Phenol	6.35	94	510079	50.880	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	373907	48.305	ng	99
12) 1,3-Dichlorobenzene	6.63	146	411284	49.028	ng	99
13) 1,4-Dichlorobenzene	6.71	146	414919	48.555	ng	99
14) 1,2-Dichlorobenzene	6.86	146	380890	48.365	ng	97
15) Benzyl Alcohol	6.84	79	329018	47.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650707	43.200	ng	98
17) 2-Methylphenol	6.96	107	311473	45.550	ng	96
18) Hexachloroethane	7.20	117	155650	48.738	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	277583	48.850	ng	99
20) 3+4-Methylphenols	7.12	107	416882	49.847	ng	# 81
22) Acetophenone	7.11	105	546821	50.499	ng	100
24) Nitrobenzene	7.28	77	422563	46.995	ng	100
25) Isophorone	7.52	82	768229	44.585	ng	99
26) 2-Nitrophenol	7.60	139	218836	48.714	ng	97
27) 2,4-Dimethylphenol	7.65	122	339379	50.092	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	480674	47.408	ng	100
29) 2,4-Dichlorophenol	7.85	162	328839	47.351	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	353743	44.955	ng	99
31) Naphthalene	8.00	128	1156794	47.548	ng	100
32) Benzoic acid	7.78	122	259513	43.614	ng	95
33) 4-Chloroaniline	8.05	127	169126	15.968	ng	96
34) Hexachlorobutadiene	8.12	225	201681	42.816	ng	99
35) Caprolactam	8.43	113	101850m	47.944	ng	
36) 4-Chloro-3-methylphenol	8.55	107	359766	47.849	ng	97
37) 2-Methylnaphthalene	8.70	142	739628	44.842	ng	98
38) 1-Methylnaphthalene	8.79	142	729943	46.952	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341570	47.111	ng	98

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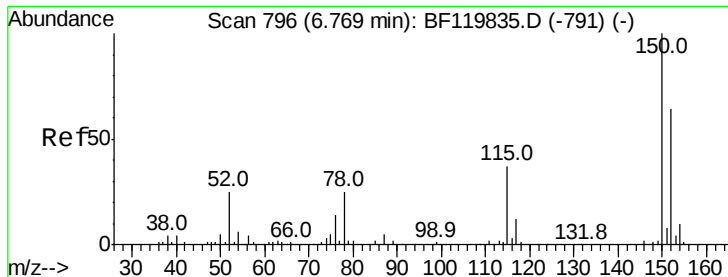
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Quant Time: Apr 21 14:05:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	352036	85.388	nq	97
43) 2,4,6-Trichlorophenol	8.98	196	241120	48.160	nq	98
44) 2,4,5-Trichlorophenol	9.02	196	253524	44.959	nq	98
46) 1,1'-Biphenyl	9.16	154	918372	47.398	nq	99
47) 2-Chloronaphthalene	9.19	162	722176	48.384	nq	99
48) 2-Nitroaniline	9.29	65	252666	46.712	nq	95
49) Acenaphthylene	9.60	152	1126069	49.607	nq	99
50) Dimethylphthalate	9.47	163	817956	46.067	nq	99
51) 2,6-Dinitrotoluene	9.53	165	183265	47.134	nq	98
52) Acenaphthene	9.77	154	653663	43.169	nq	98
53) 3-Nitroaniline	9.69	138	104439	23.519	nq	96
54) 2,4-Dinitrophenol	9.81	184	196752	84.520	nq	94
55) Dibenzofuran	9.95	168	1032902	49.709	nq	99
56) 4-Nitrophenol	9.87	139	313811	94.976	nq	97
57) 2,4-Dinitrotoluene	9.94	165	249761	48.755	nq	97
58) Fluorene	10.29	166	817045	49.167	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208554	48.357	nq	97
60) Diethylphthalate	10.17	149	766681	41.662	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	386104	45.332	nq	96
62) 4-Nitroaniline	10.32	138	208262	49.211	nq	98
63) Azobenzene	10.45	77	806516	48.903	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	145196	53.870	nq	83
66) n-Nitrosodiphenylamine	10.40	169	733531	53.912	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	231381	45.478	nq	94
68) Hexachlorobenzene	10.84	284	250054	48.448	nq	93
69) Atrazine	10.93	200	212564	56.150	nq	98
70) Pentachlorophenol	11.03	266	245707	82.608	nq	99
71) Phenanthrene	11.25	178	1080540	49.626	nq	99
72) Anthracene	11.30	178	1204510	54.152	nq	99
73) Carbazole	11.46	167	975213	46.362	nq	99
74) Di-n-butylphthalate	11.79	149	1343720	48.594	nq	100
75) Fluoranthene	12.44	202	1309885	55.755	nq	98
77) Benzidine	12.56	184	517364	42.382	nq	97
78) Pyrene	12.67	202	1341567	44.067	nq	99
80) Butylbenzylphthalate	13.29	149	561139	37.986	nq	97
81) Benzo(a)anthracene	13.86	228	1098604	46.243	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	215783	24.343	nq	99
83) Chrysene	13.89	228	1119457	46.375	nq	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	715066	35.745	nq	# 98
85) Di-n-octyl phthalate	14.47	149	1266356	37.179	nq	99
86) Indeno(1,2,3-cd)pyrene	16.66	276	899182	42.257	nq	98
88) Benzo(b)fluoranthene	14.88	252	1055187m	46.102	nq	
89) Benzo(k)fluoranthene	14.91	252	818783	41.461	nq	98
90) Benzo(a)pyrene	15.23	252	912128	47.397	nq	100
91) Dibenzo(a,h)anthracene	16.67	278	741941	43.524	nq	98
92) Benzo(g,h,i)perylene	17.07	276	726128	43.153	nq	96

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



#1

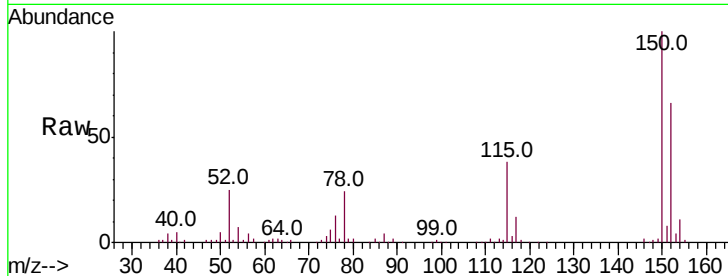
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.8	187.2
115	57.5	46.5	69.7

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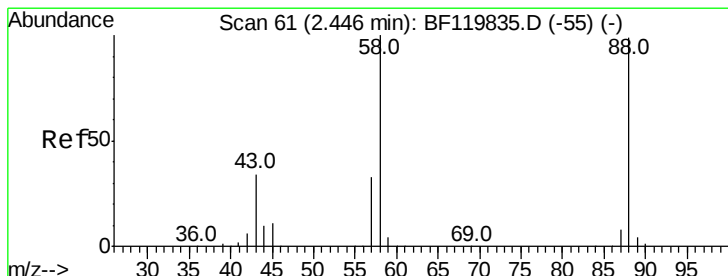
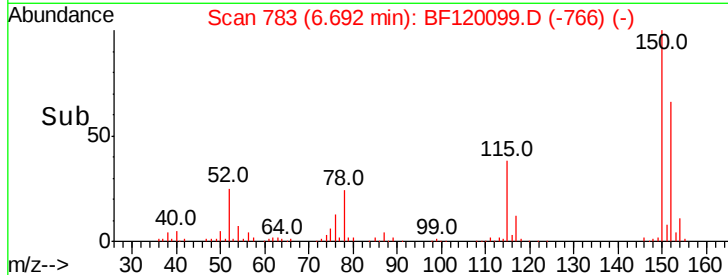
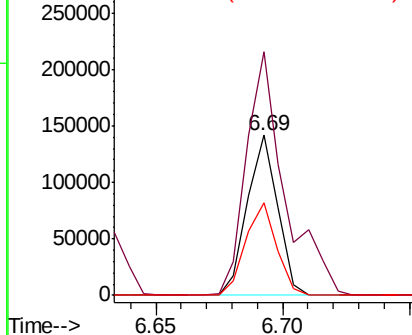


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

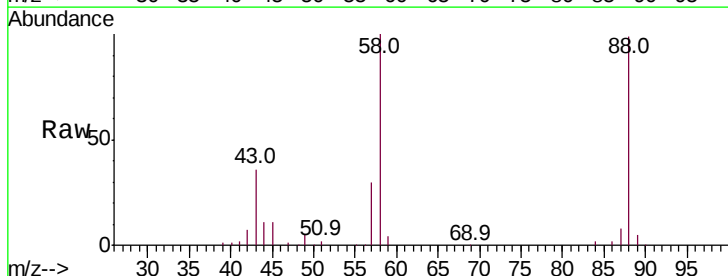
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.727 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	82.6	123.8
43	37.1	28.6	42.8

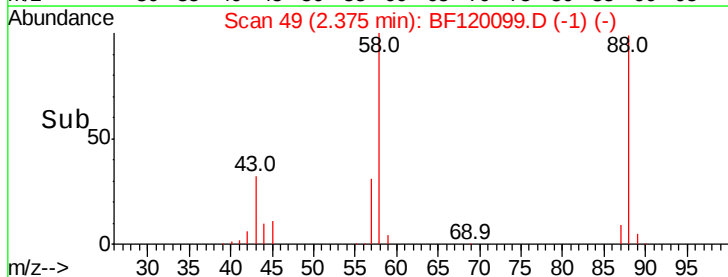
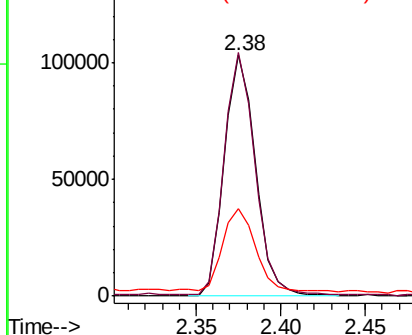


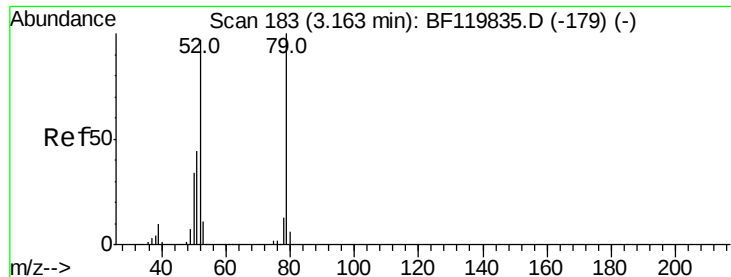
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





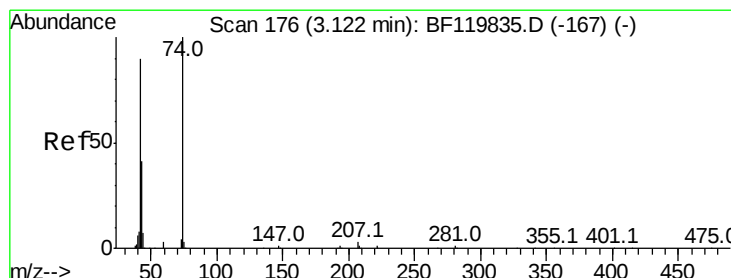
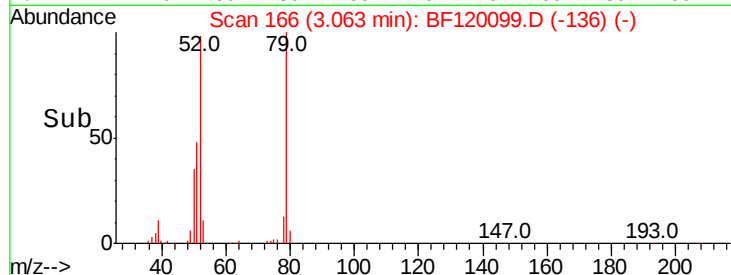
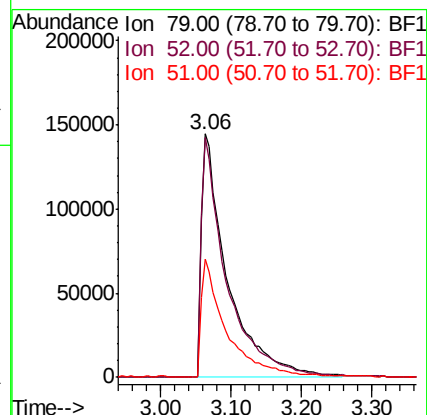
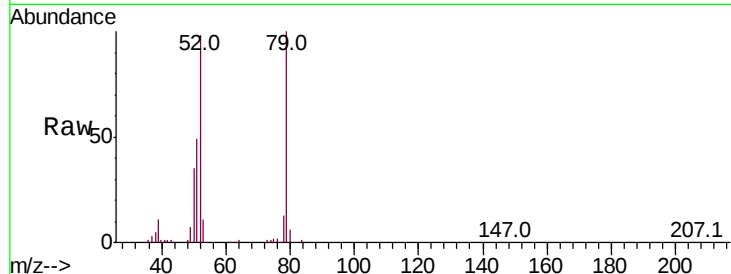
#3
Pvridine
Concen: 44.992 ng
RT: 3.06 min Scan# 166
Delta R.T. 0.08 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.5	77.4	116.0
51	48.8	35.3	52.9

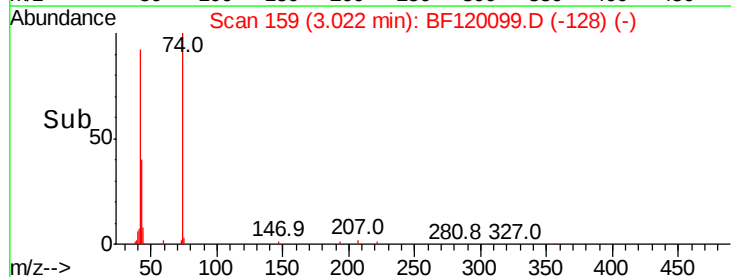
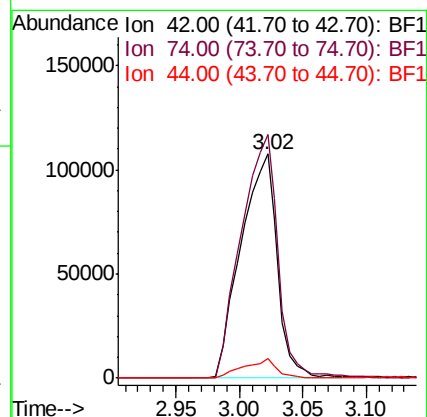
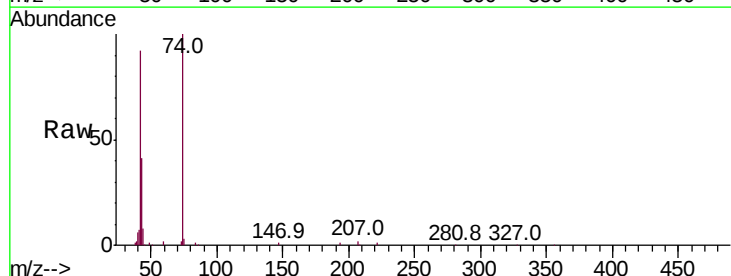
Manual Integrations
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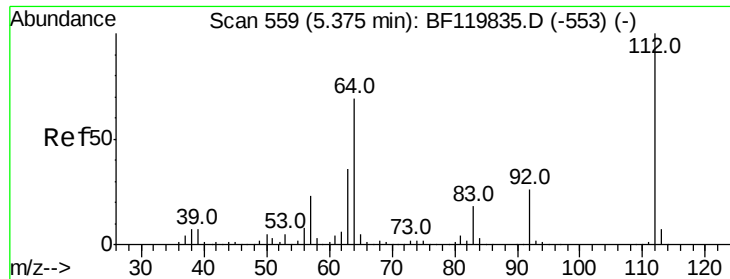
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#4
n-Nitrosodimethylamine
Concen: 50.307 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.08 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.5	89.0	133.4
44	8.5	6.2	9.4





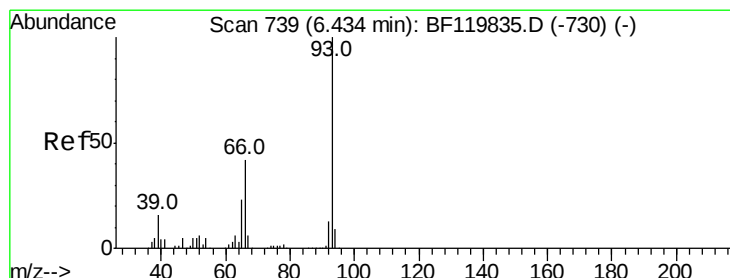
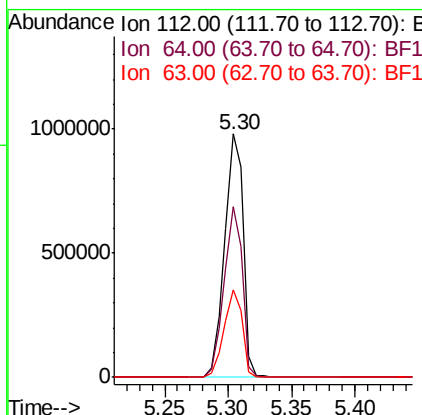
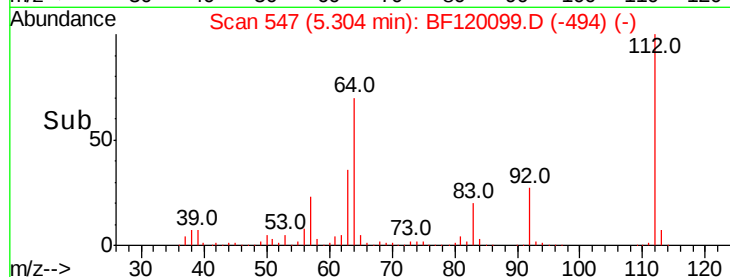
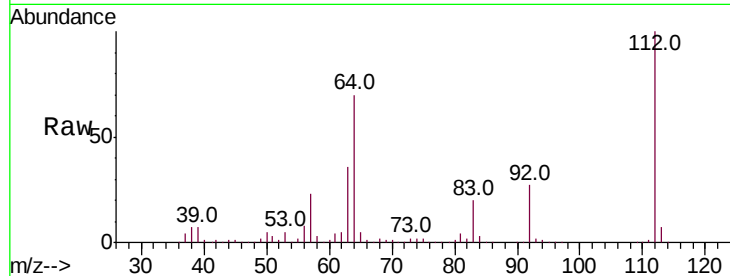
#5
2-Fluorophenol
Concen: 145.291 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:	112	Resp:	996381
Ion Ratio	Lower	Upper	
112	100		
64	69.9	55.5	83.3
63	36.0	29.1	43.7

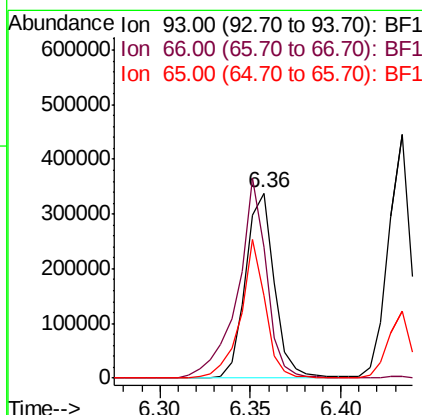
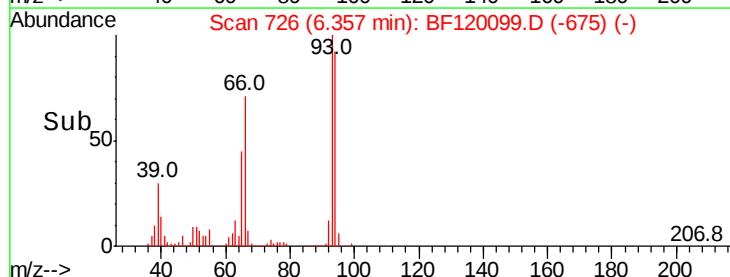
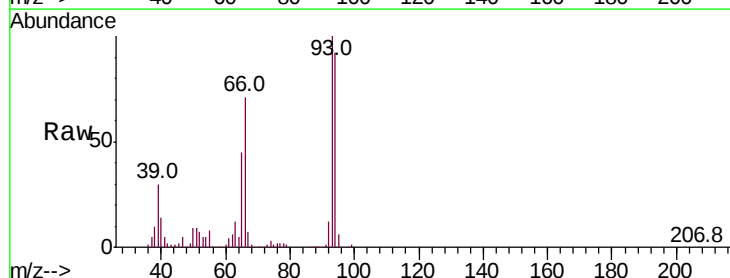
Manual Integrations
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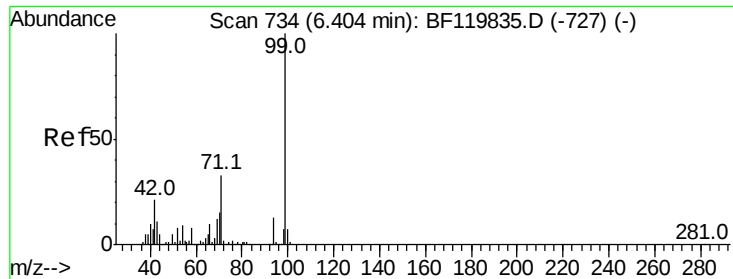
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#6
Aniline
Concen: 32.241 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:	93	Resp:	373941
Ion Ratio	Lower	Upper	
93	100		
66	70.6	34.2	51.2#
65	44.8	18.3	27.5#





#7

Phenol-d6

Concen: 146.219 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion: 99 Resp: 1292084

Ion Ratio Lower Upper

99 100

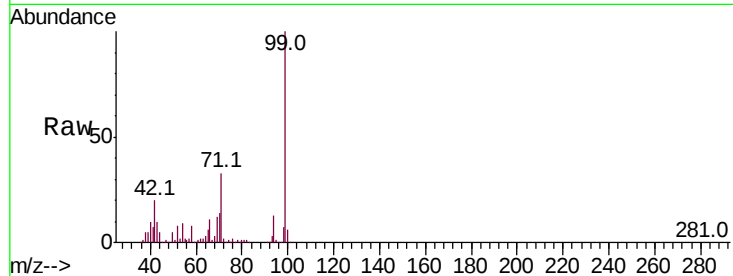
42 20.5 16.9 25.3

71 32.8 26.3 39.5

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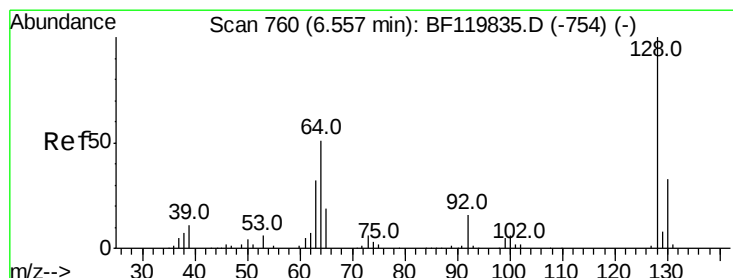
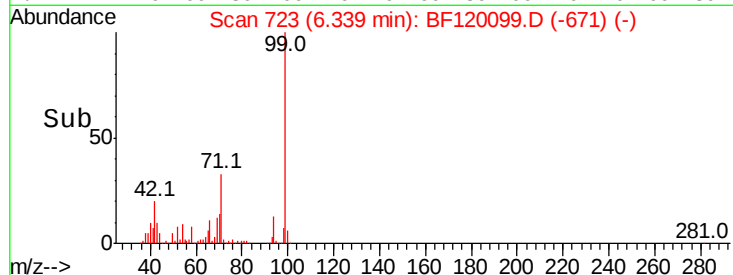
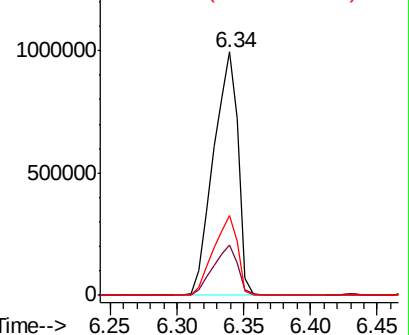
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

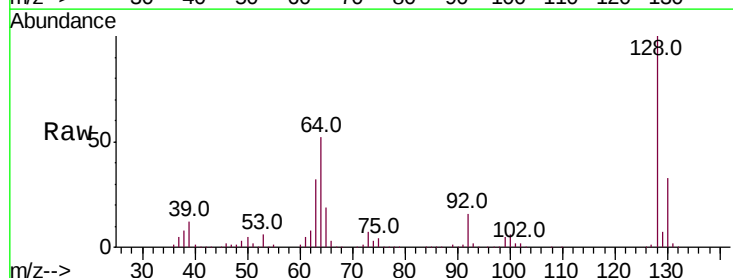
Tgt Ion:128 Resp: 404039

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

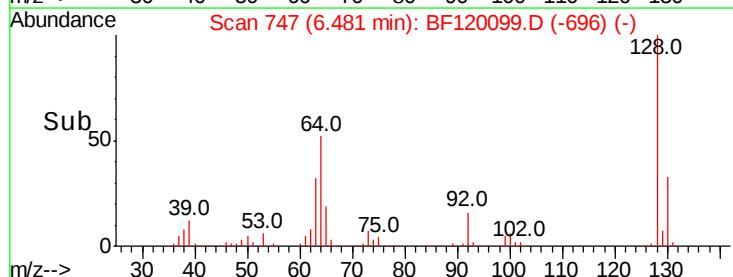
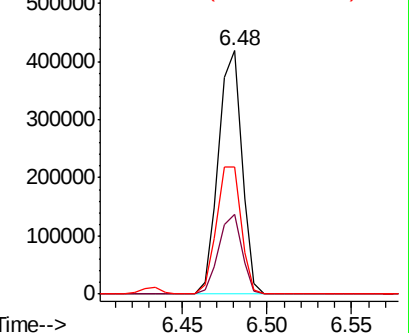
64 52.5 32.0 72.0

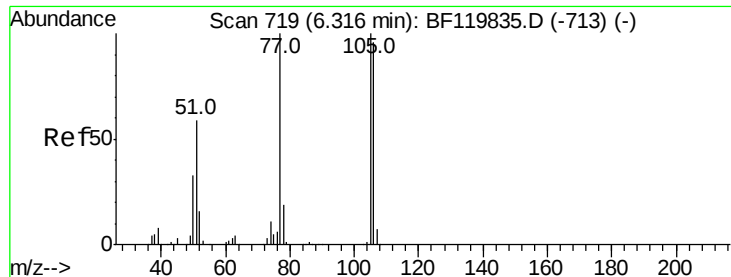


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.544 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

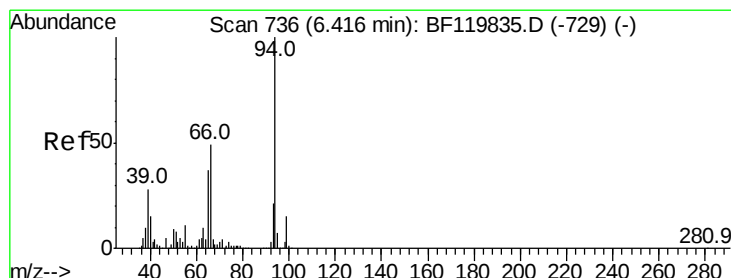
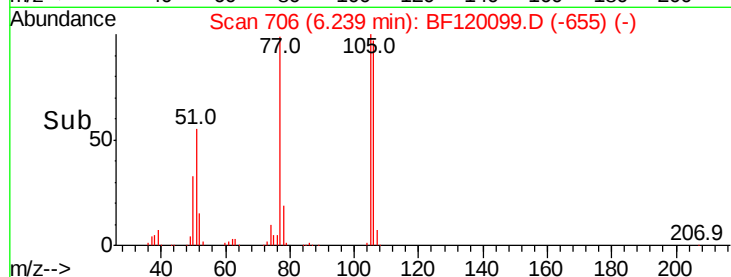
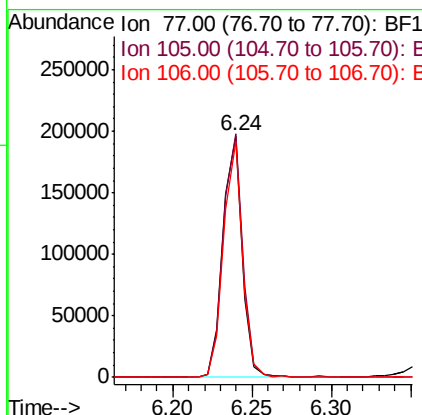
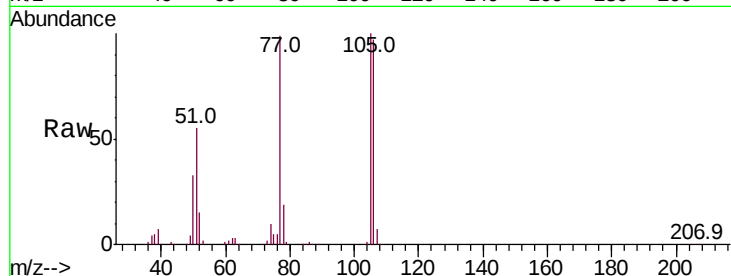
ClientSampled :

PB128301BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	79.9	119.9
106	97.7	76.4	116.4

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#10

Phenol

Concen: 50.880 ng

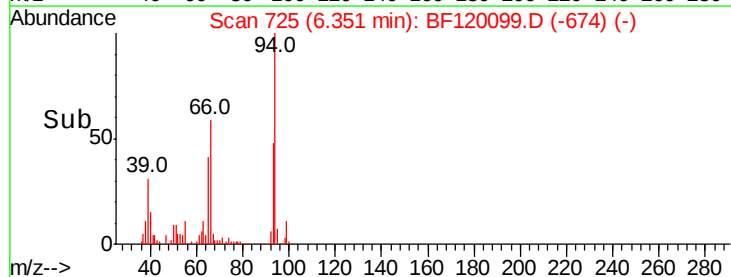
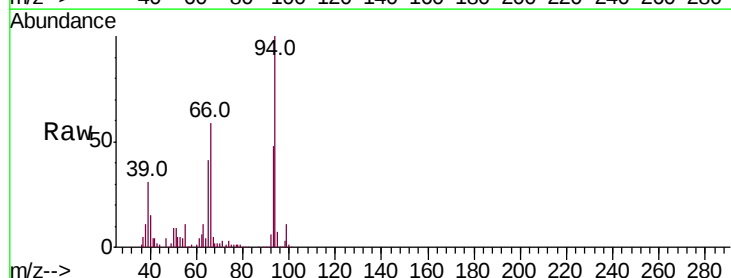
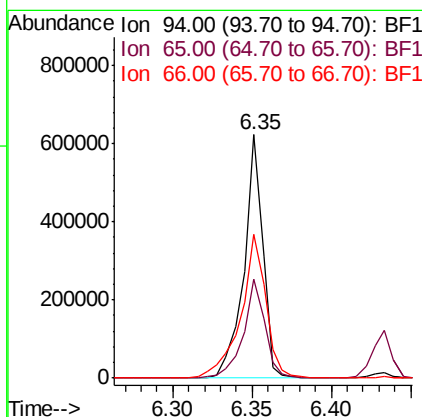
RT: 6.35 min Scan# 725

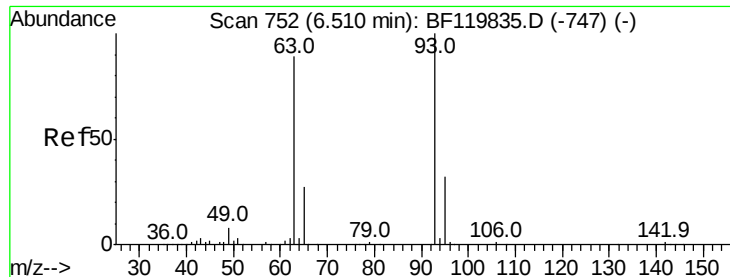
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.9	16.6	56.6
66	58.8	29.3	69.3





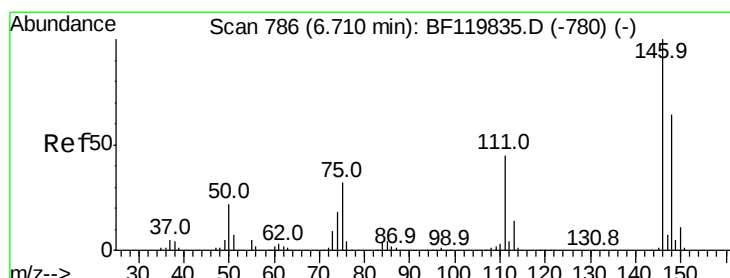
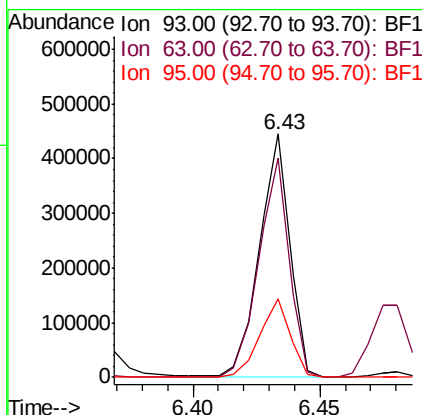
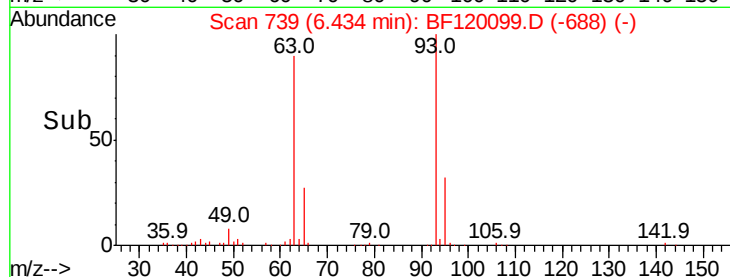
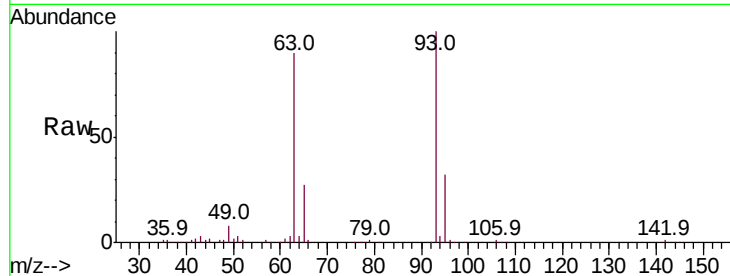
#11
bis(2-Chloroethyl)ether
Concen: 48.305 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:	93	Resp:	373907
Ion Ratio	Lower	Upper	
93	100		
63	90.1	69.1	109.1
95	32.3	12.3	52.3

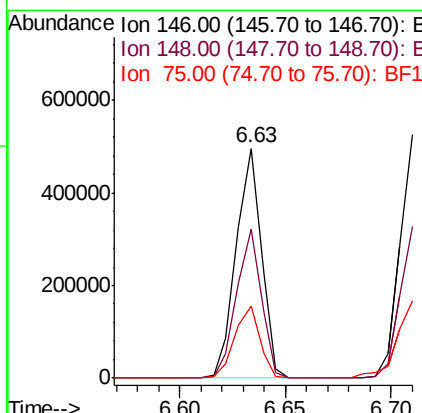
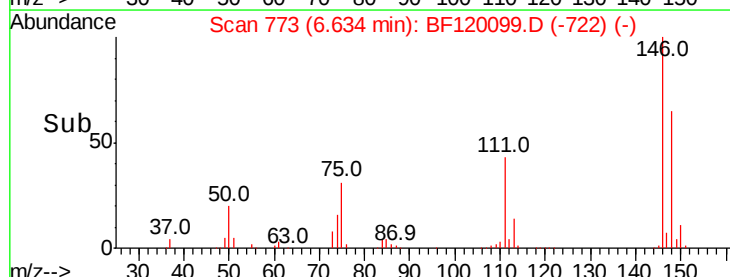
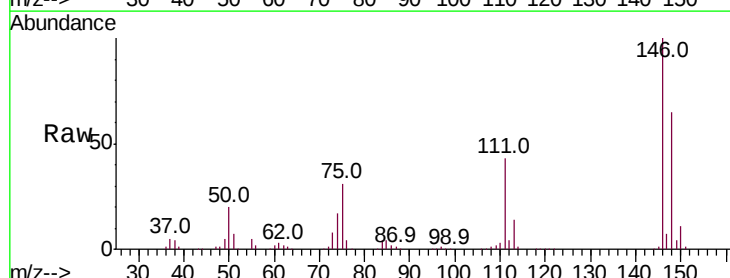
Manual Integrations
APPROVED

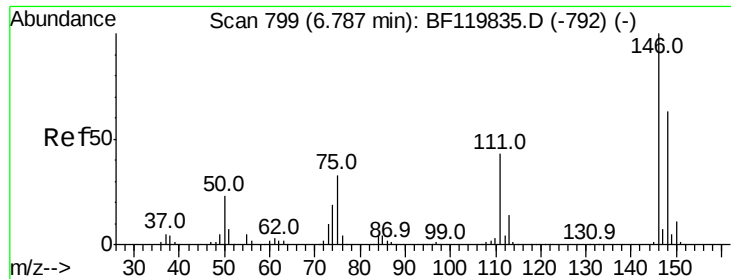
mohammad
4/24/2020 4:16:53 AM



#12
1,3-Dichlorobenzene
Concen: 49.028 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:	146	Resp:	411284
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.3	76.9
75	31.4	25.3	37.9





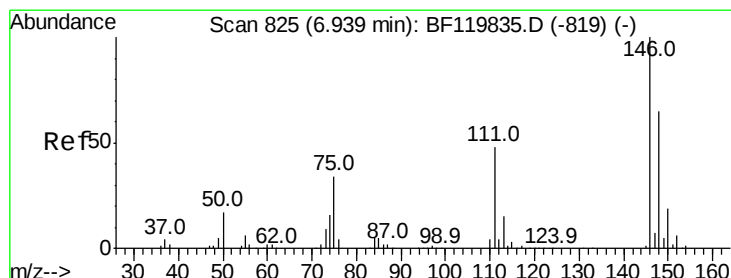
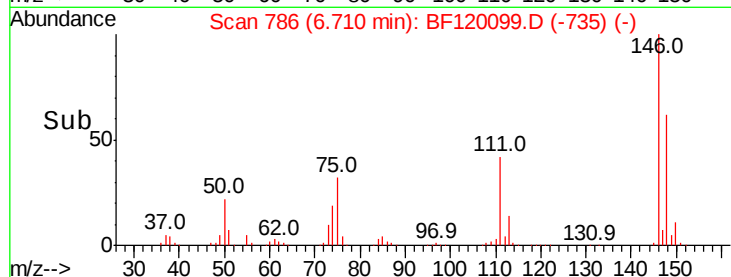
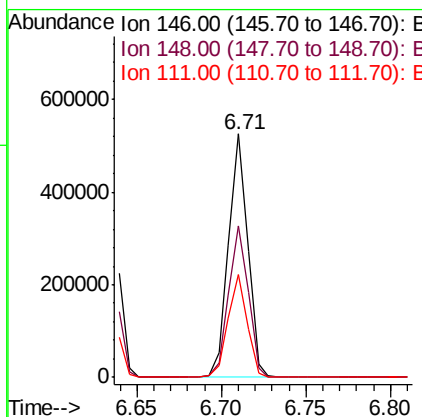
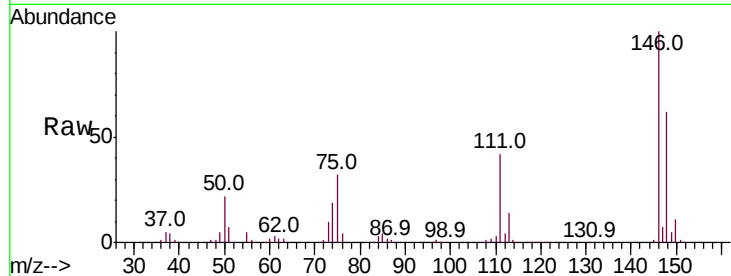
#13
 1,4-Dichlorobenzene
 Concen: 48.555 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.5	75.7
111	42.3	34.7	52.1

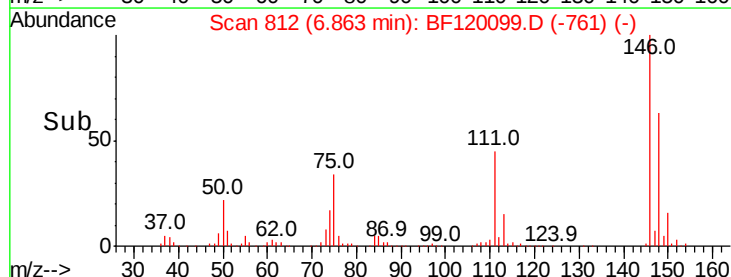
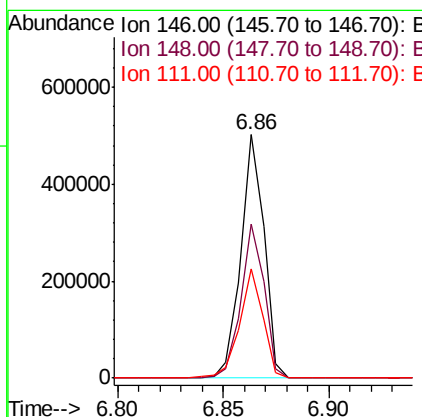
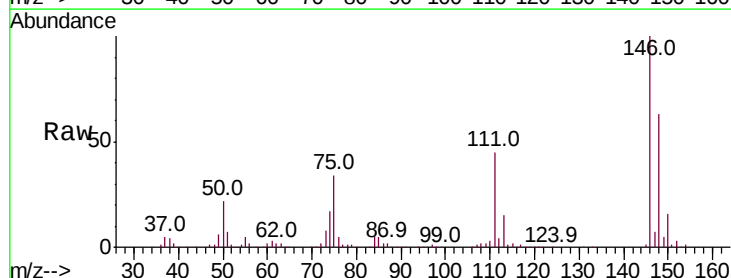
Manual Integrations
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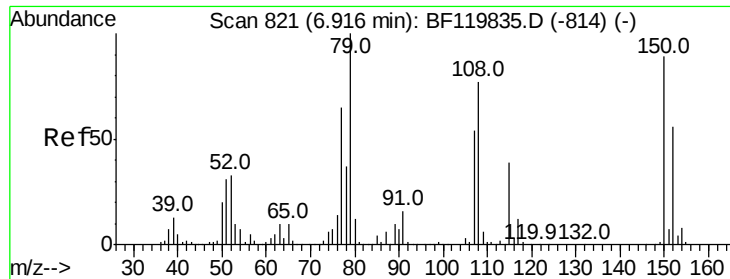
mohammad
 4/24/2020 4:16:53 AM



#14
 1,2-Dichlorobenzene
 Concen: 48.365 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
111	45.1	38.0	57.0





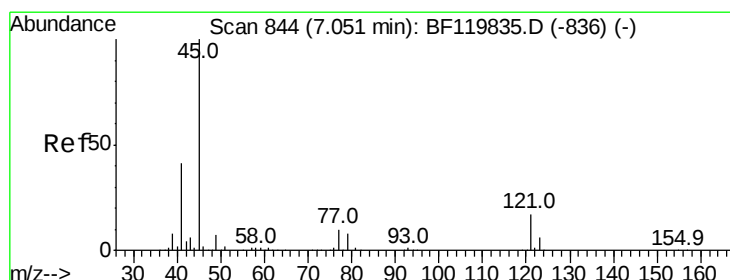
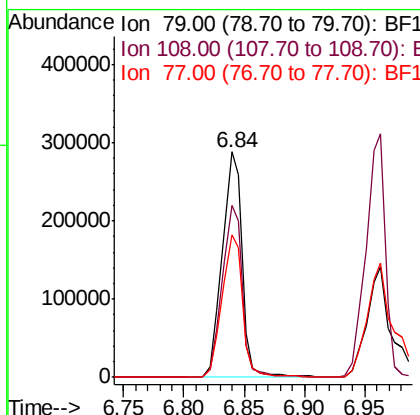
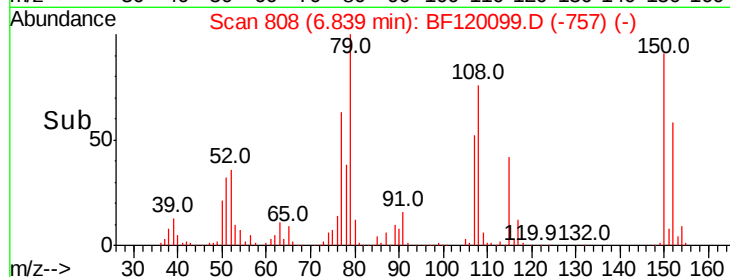
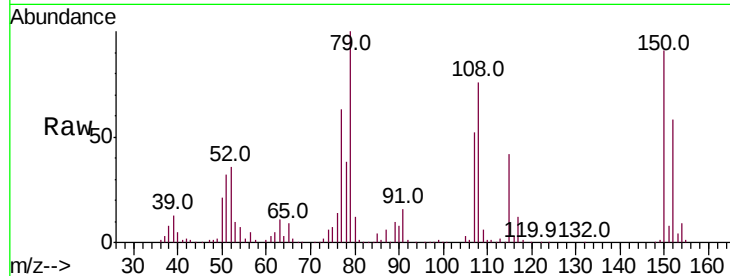
#15
Benzyl Alcohol
Concen: 47.938 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	62.0	93.0
77	63.2	51.8	77.6

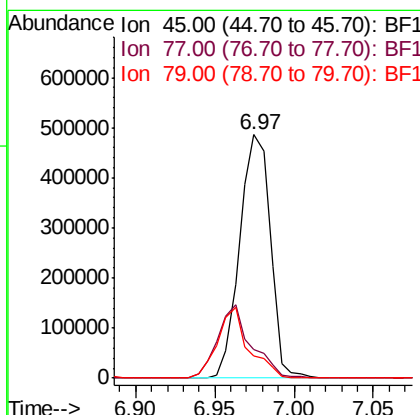
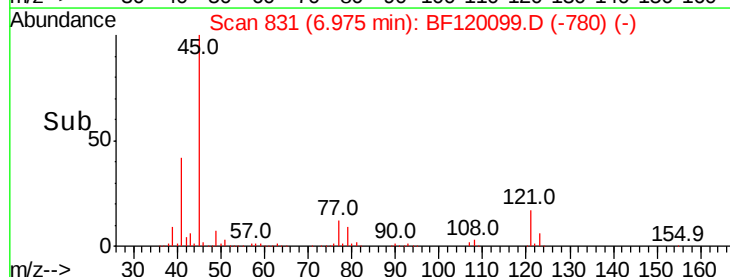
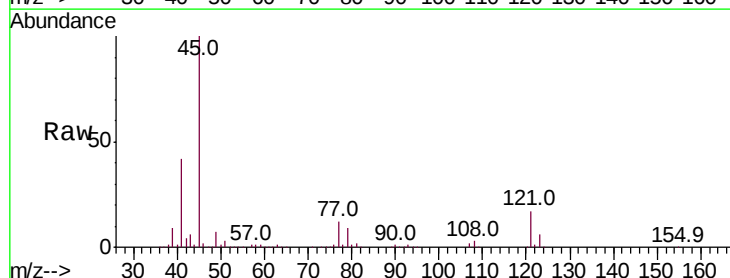
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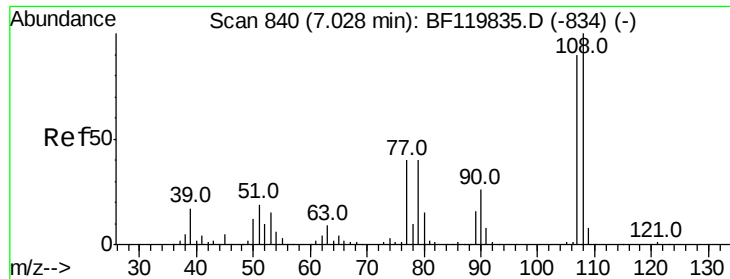
mohammad
4/24/2020 4:16:53 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.200 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	30.7
79	9.1	0.0	28.6





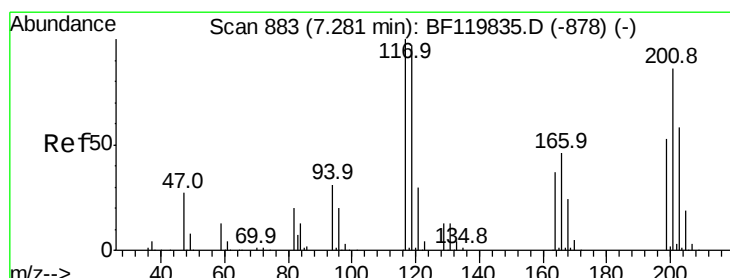
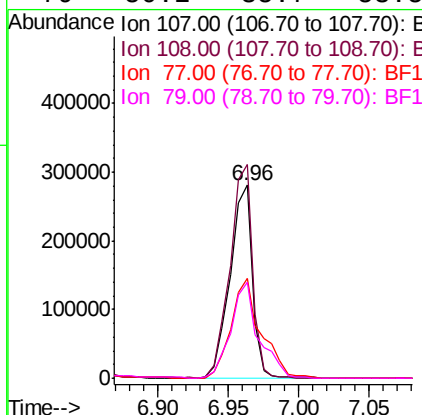
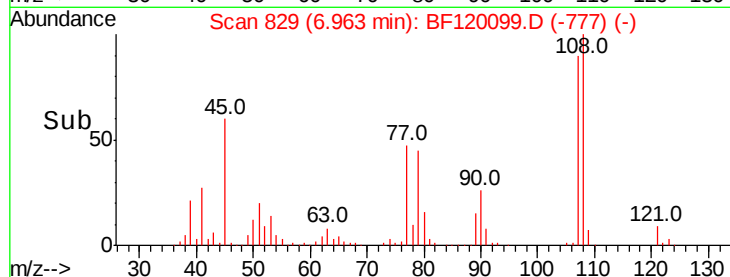
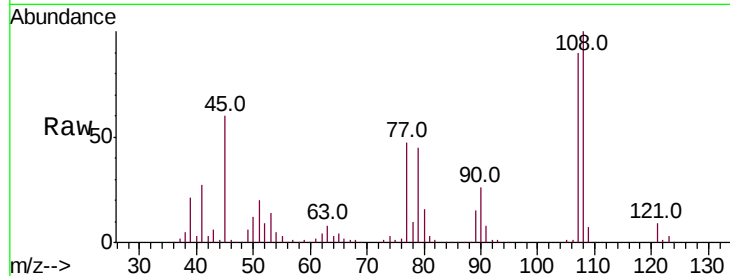
#17
2-Methylphenol
Concen: 45.550 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	311473		
108	110.8	88.8	133.2	
77	51.8	36.0	54.0	
79	50.2	35.7	53.5	

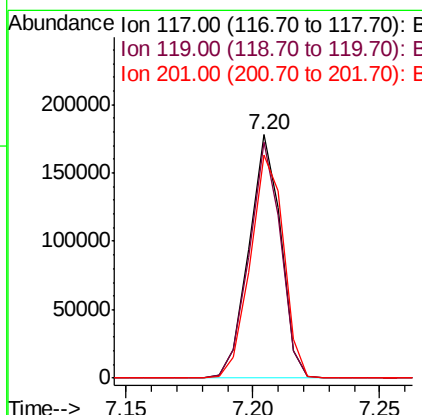
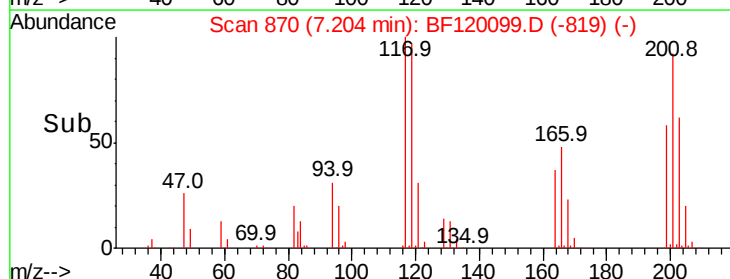
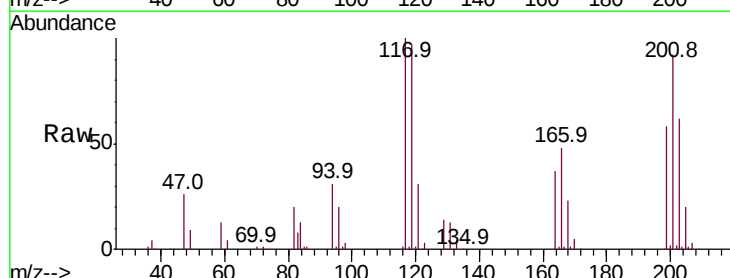
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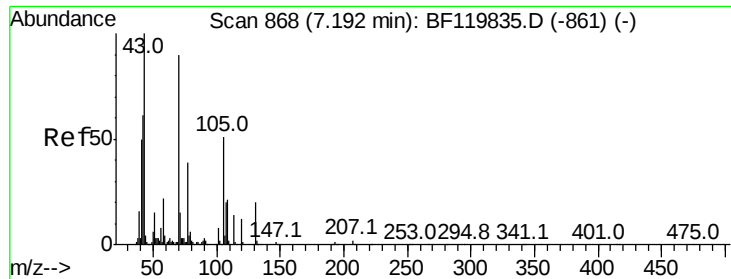
mohammad
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#18
Hexachloroethane
Concen: 48.738 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	155650		
119	97.2	77.4	116.0	
201	91.8	68.4	102.6	





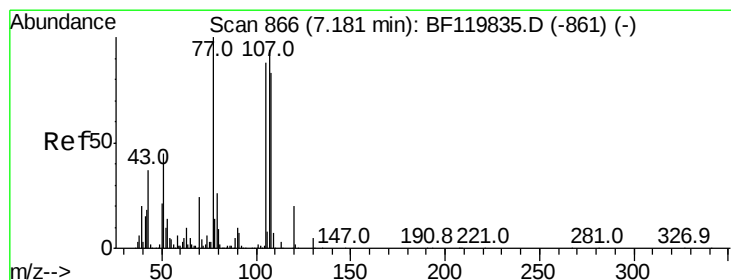
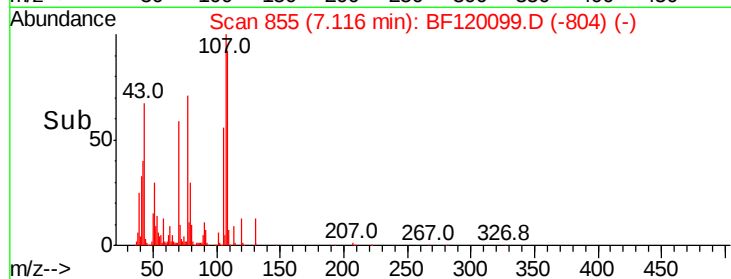
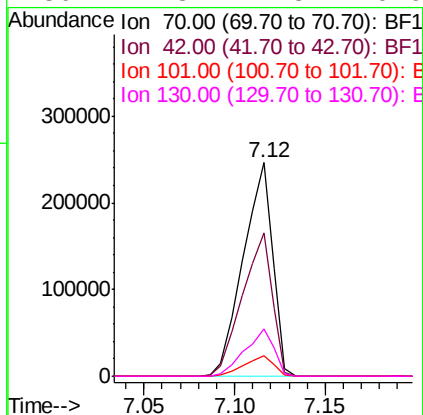
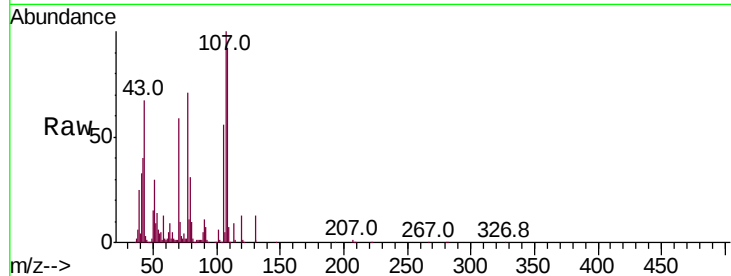
#19
n-Nitroso-di-n-propylamine
Concen: 48.850 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	54.2	81.4
101	9.8	7.4	11.2
130	22.3	17.8	26.6

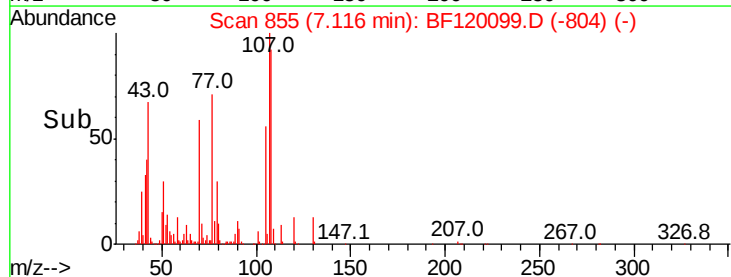
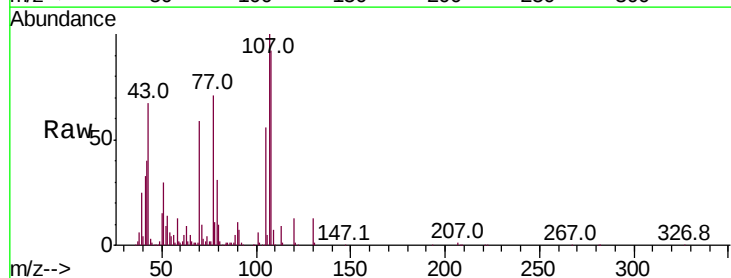
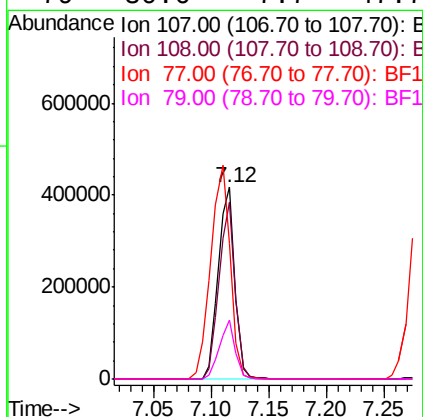
Manual Integrations
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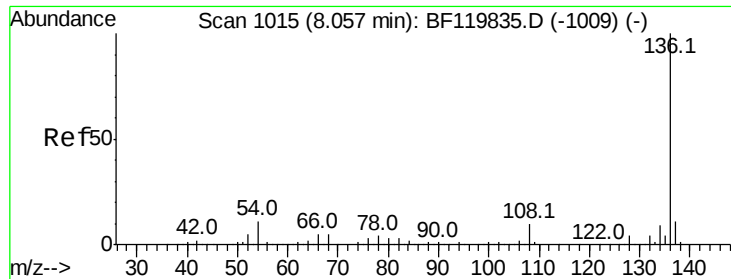
mohammad
4/24/2020 4:16:53 AM



#20
3+4-Methylphenols
Concen: 49.847 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	71.0	86.6	126.6#
79	30.6	7.7	47.7





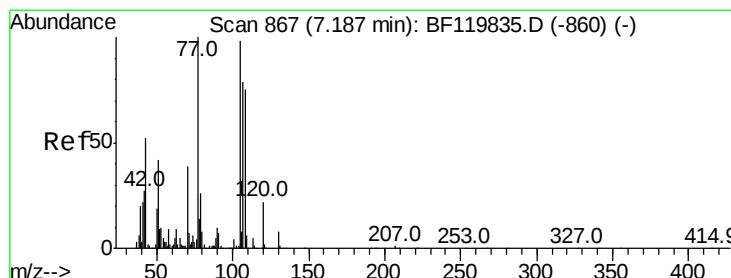
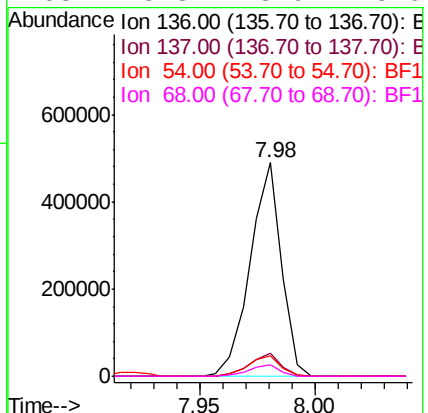
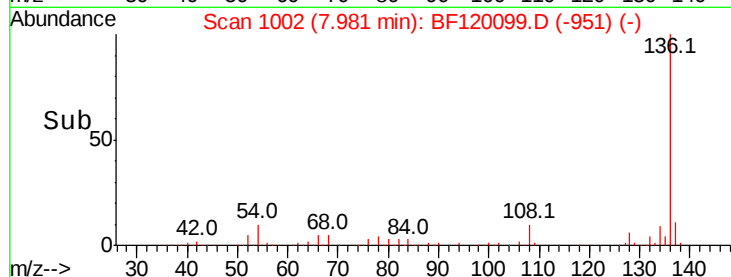
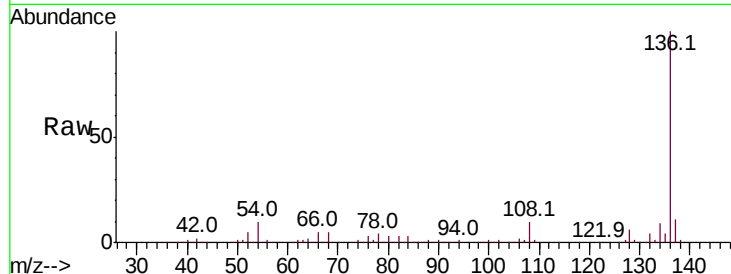
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	9.6	8.5	12.7	
68	5.3	3.9	5.9	

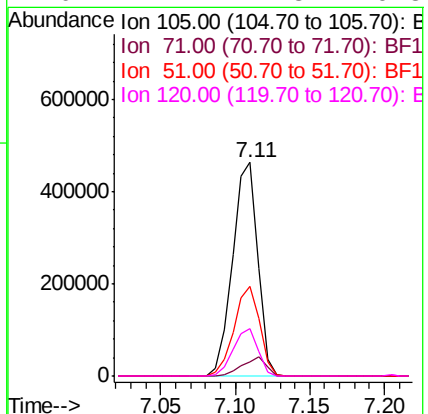
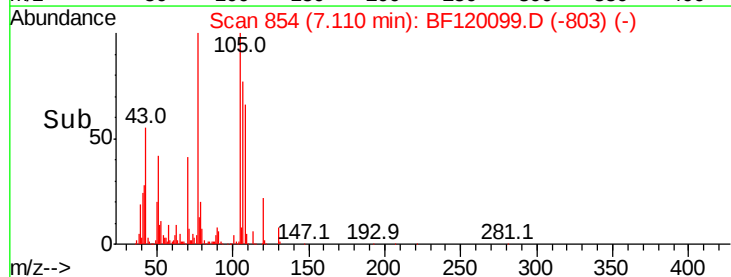
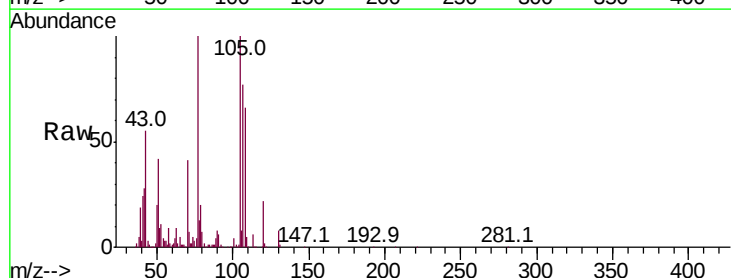
Manual Integrations
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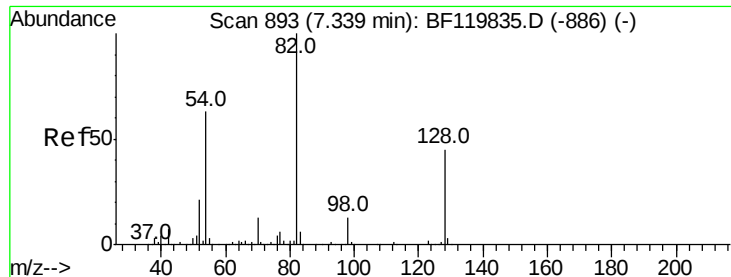
mohammad
4/24/2020 4:16:53 AM



#22
Acetophenone
Concen: 50.499 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	5.6	8.4	
51	42.1	33.9	50.9	
120	22.4	17.8	26.8	





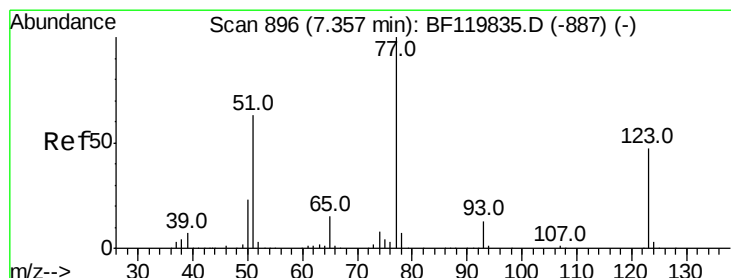
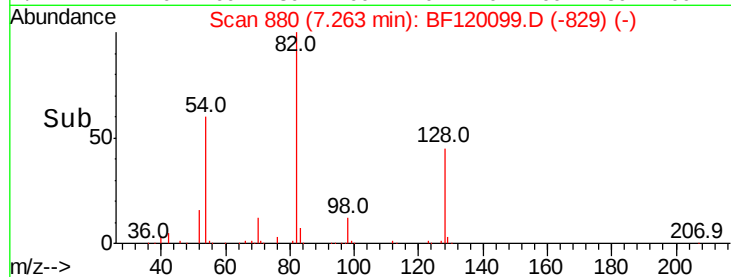
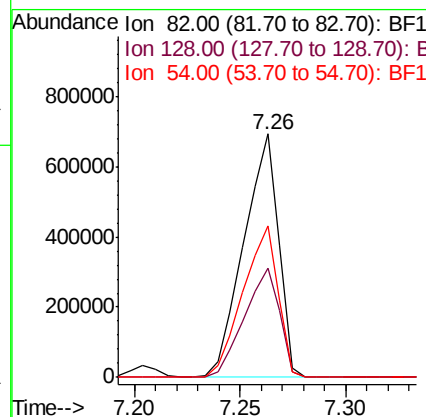
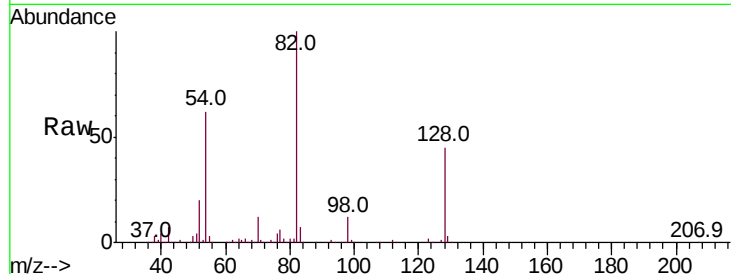
#23
Nitrobenzene-d5
Concen: 88.631 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.2	54.4
54	62.3	50.4	75.6

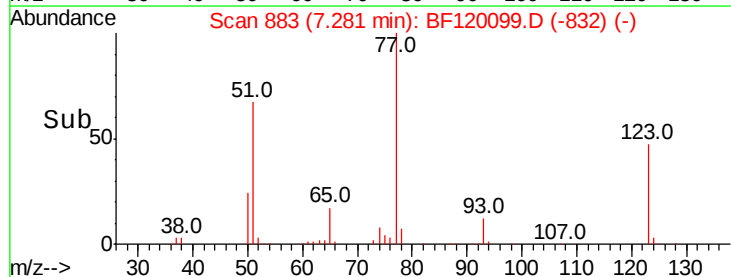
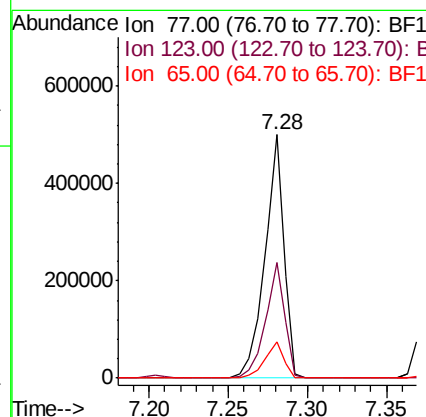
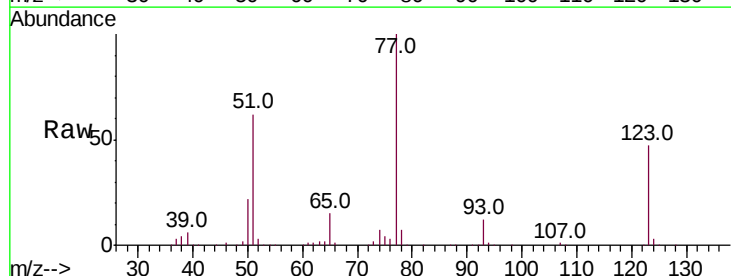
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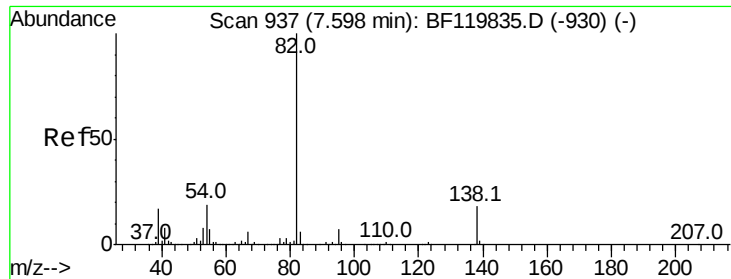
mohammad
4/24/2020 4:16:53 AM



#24
Nitrobenzene
Concen: 46.995 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.8	56.8
65	15.1	12.2	18.2





#25

Isophorone

Concen: 44.585 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

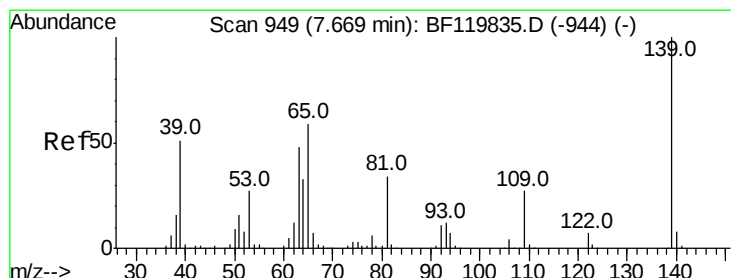
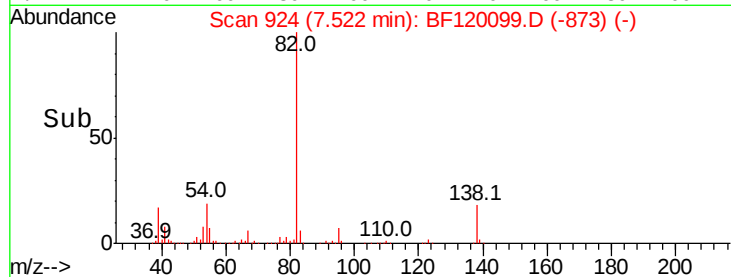
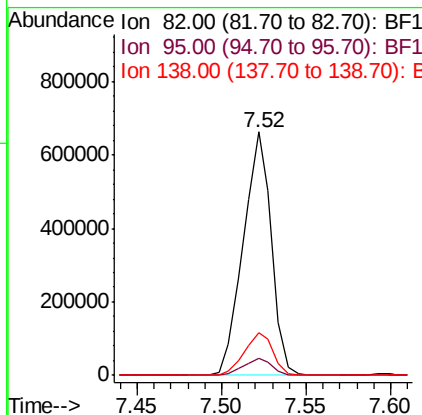
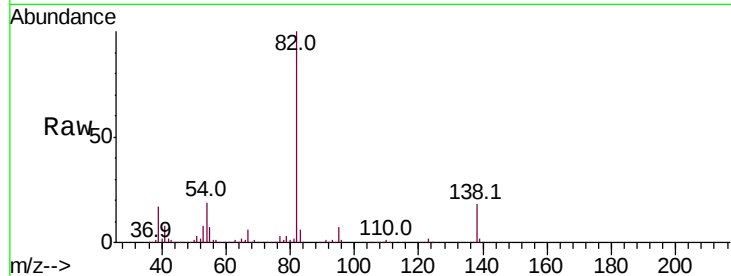
ClientSampleId :

PB128301BS

Tot Ion:	82	Resp:	768229
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	17.6	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.714 ng

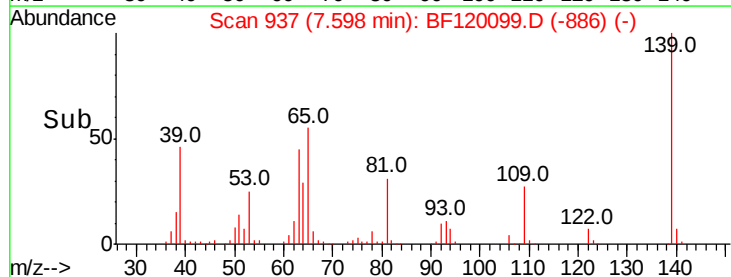
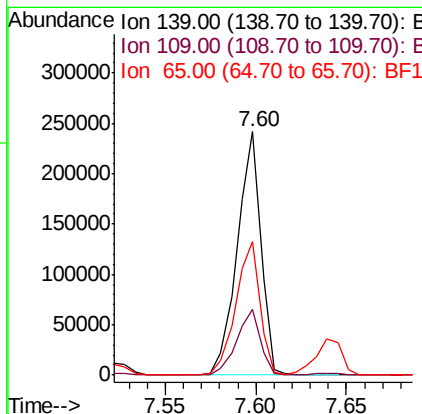
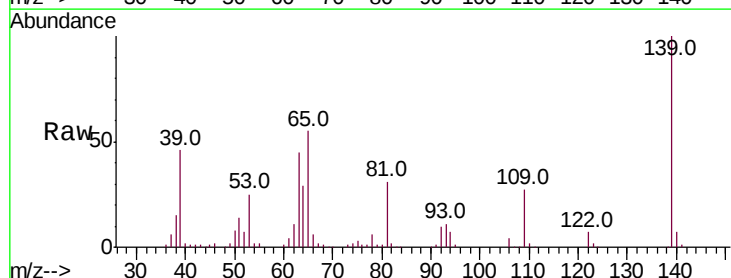
RT: 7.60 min Scan# 937

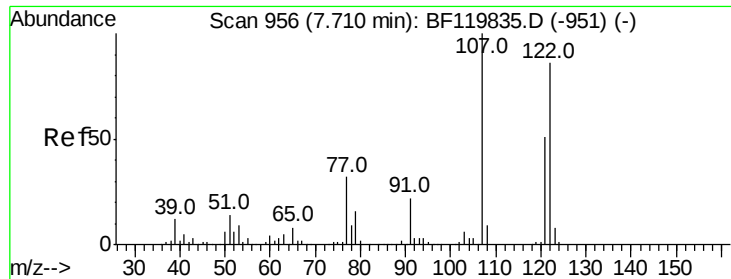
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:	139	Resp:	218836
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.8	32.6
65	54.9	47.0	70.4





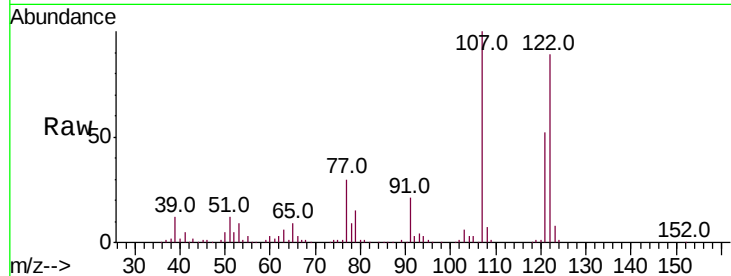
#27
2,4-Dimethylphenol
Concen: 50.092 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	92.3	138.5
121	59.1	46.6	70.0

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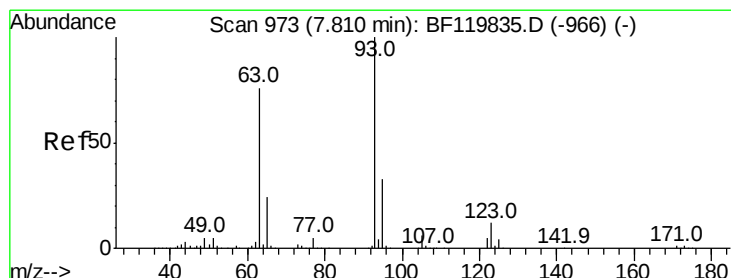
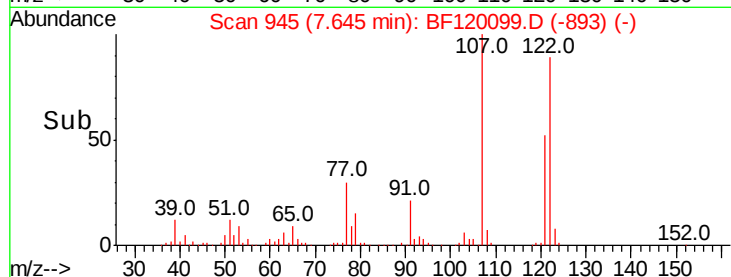
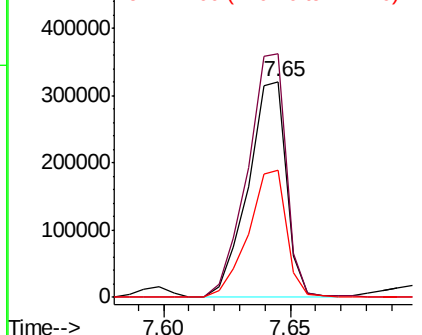


Abundance

Ion 122.00 (121.70 to 122.70): E

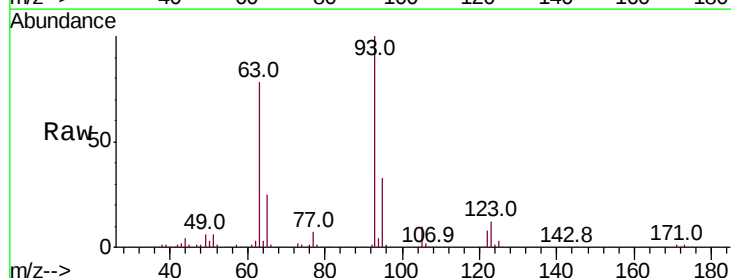
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 47.408 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.8	9.7	14.5

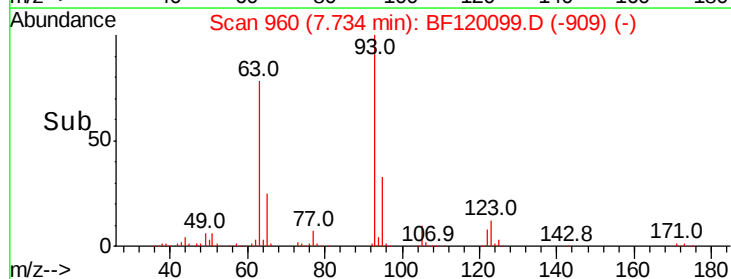
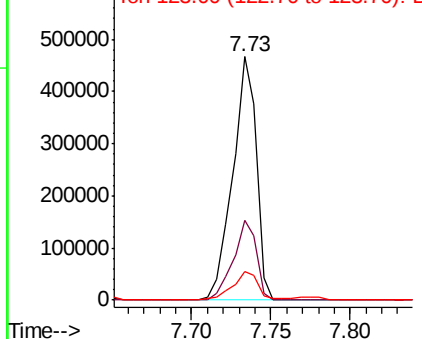


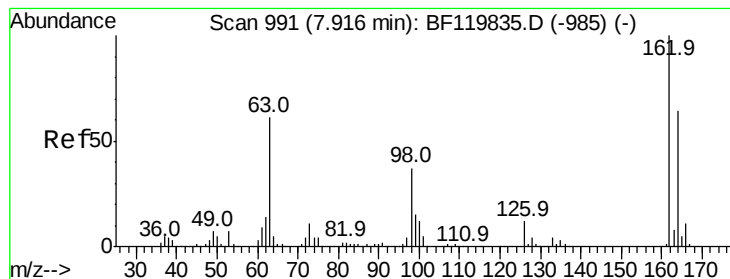
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.351 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

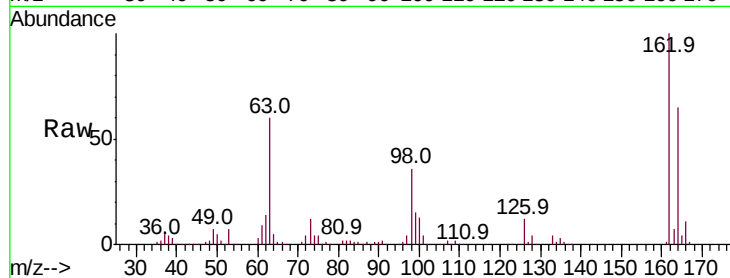
ClientSampleId :

PB128301BS

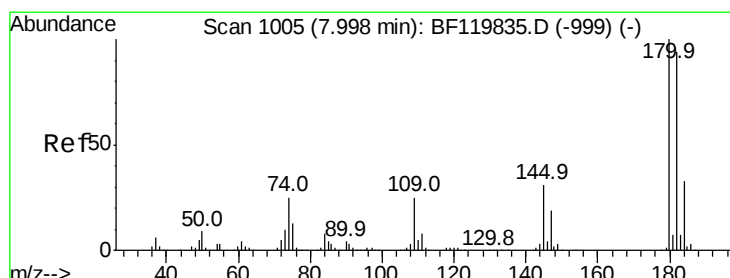
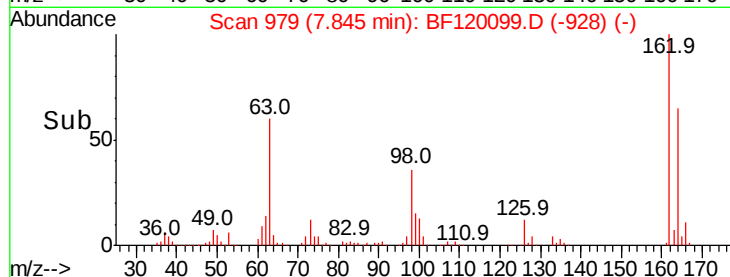
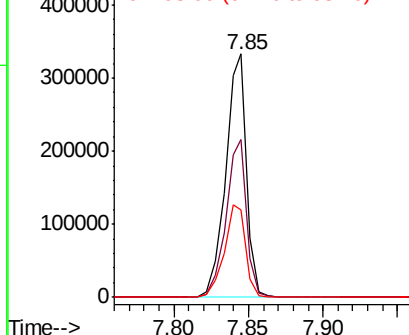
Tot Ion:	162	Resp:	328839
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.4	84.4
98	36.1	17.3	57.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.955 ng

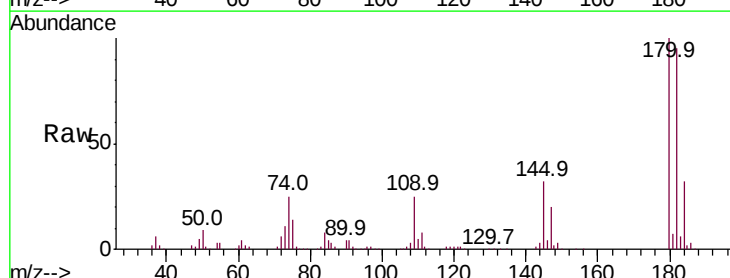
RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

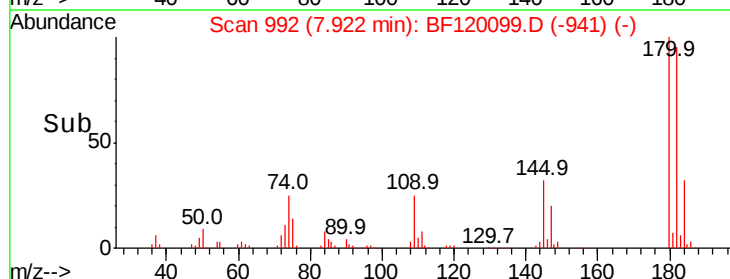
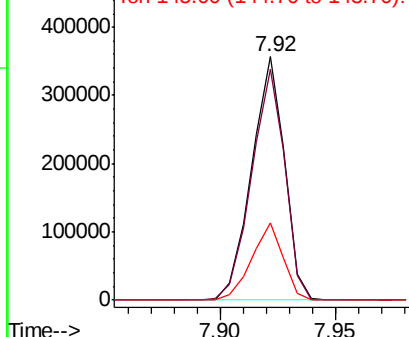
Lab File: BF120099.D

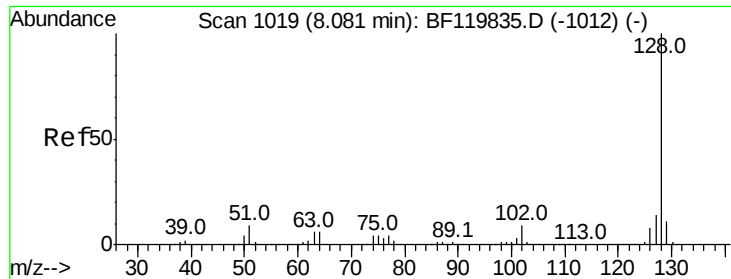
Acq: 21 Apr 2020 13:29

Tgt Ion:	180	Resp:	353743
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.4	113.0
145	31.7	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





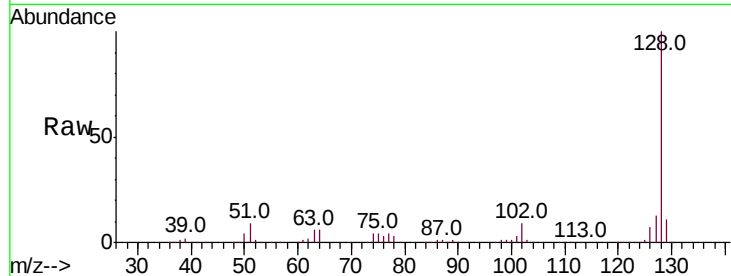
#31
Naphthalene
Concen: 47.548 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

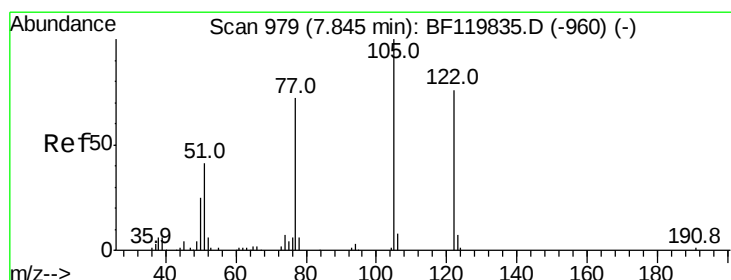
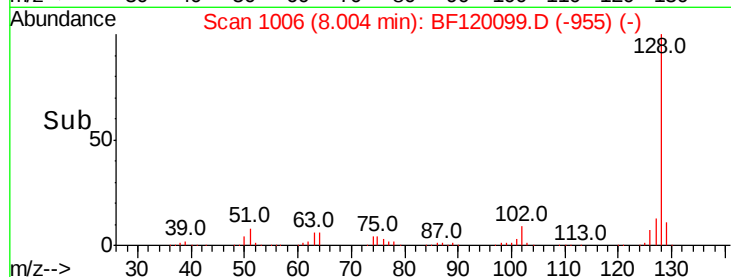
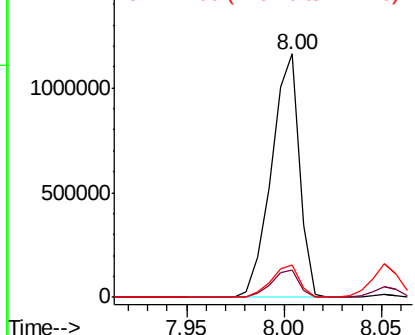
Tot Ion:128 Resp: 1156794
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.0 16.4

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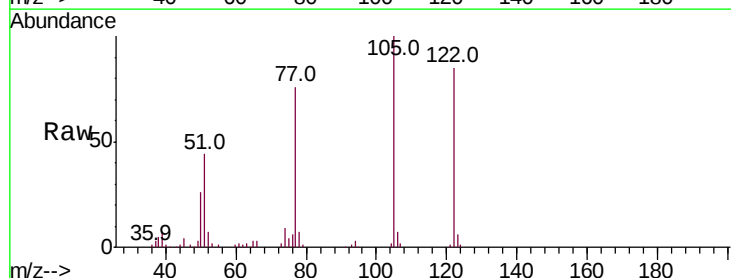


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

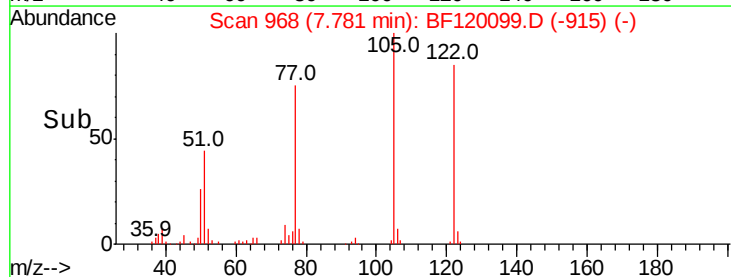
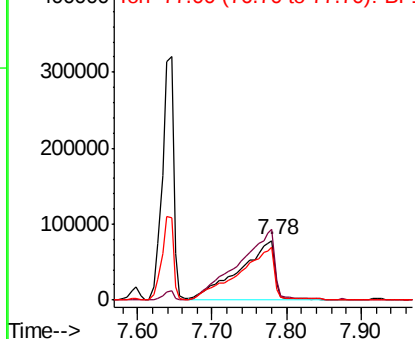


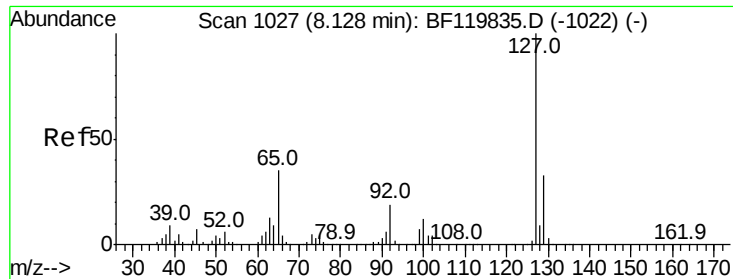
#32
Benzoic acid
Concen: 43.614 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:122 Resp: 259513
Ion Ratio Lower Upper
122 100
105 118.2 106.7 146.7
77 89.8 72.1 112.1



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





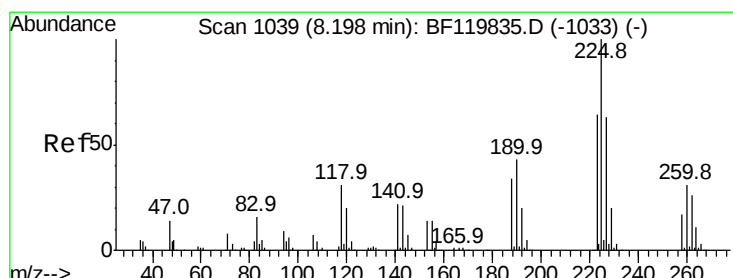
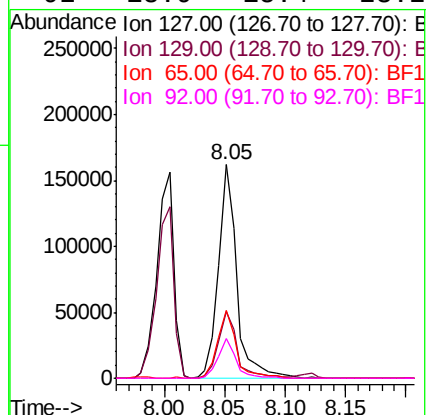
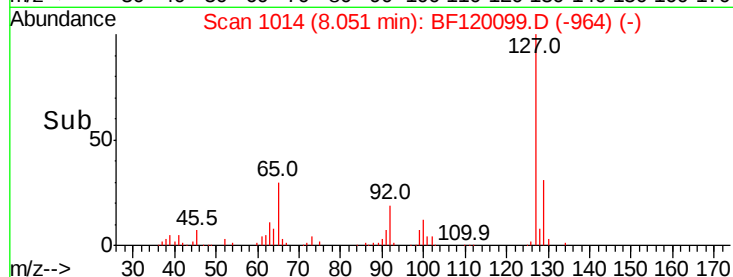
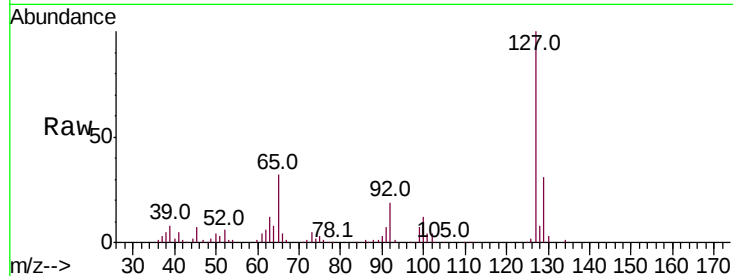
#33
4-Chloroaniline
Concen: 15.968 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleID :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	169126		
129	30.9	26.2	39.2	
65	31.8	28.3	42.5	
92	18.9	15.4	23.2	

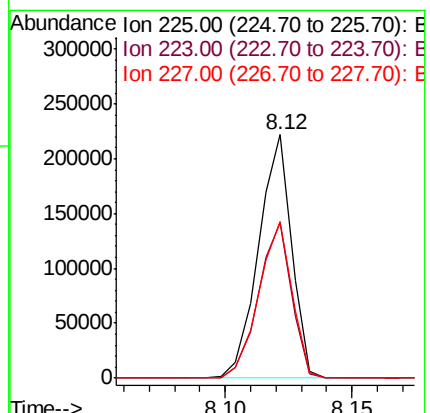
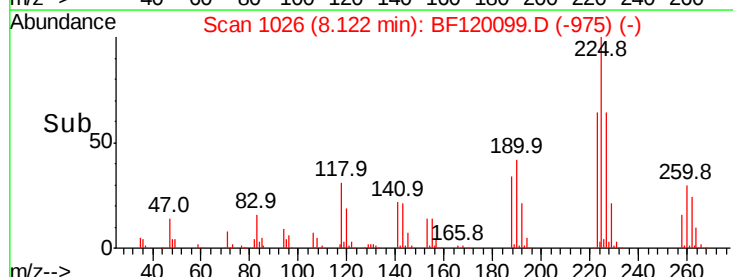
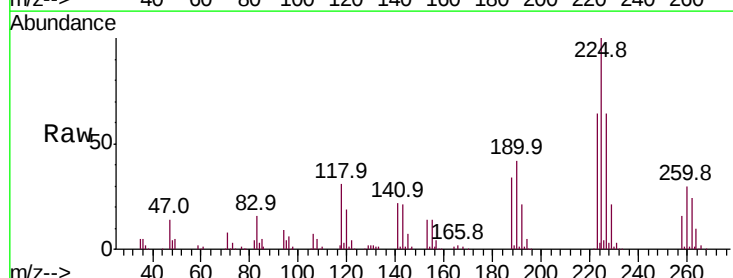
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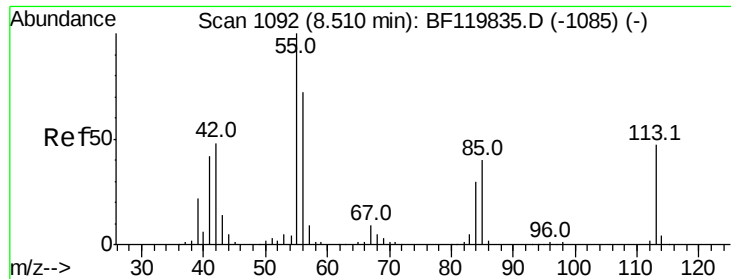
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#34
Hexachlorobutadiene
Concen: 42.816 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	201681		
223	63.8	51.0	76.6	
227	64.3	50.4	75.6	





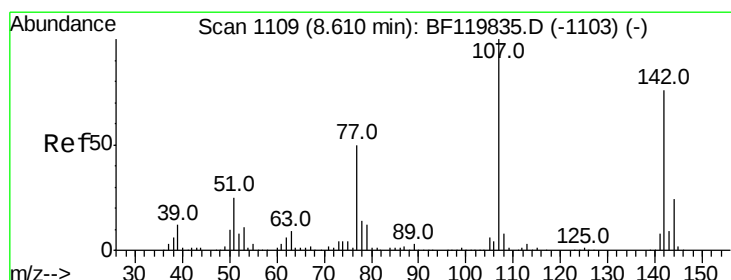
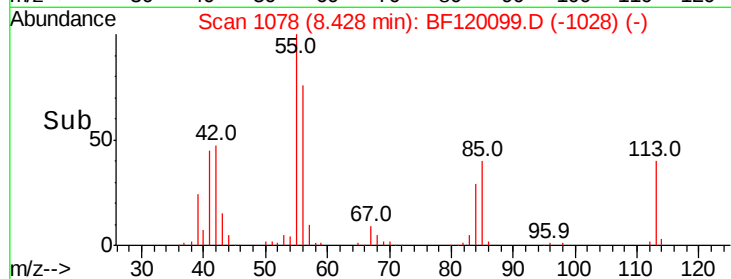
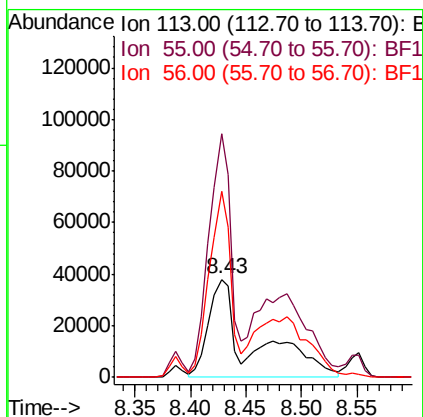
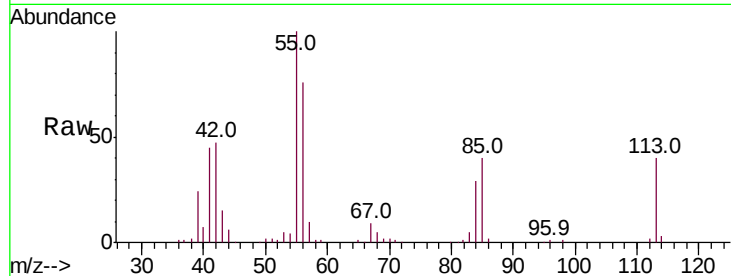
#35
Caprolactam
Concen: 47.944 ng/ml
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	248.1	192.7	232.7#		
56	189.8	133.3	173.3#		

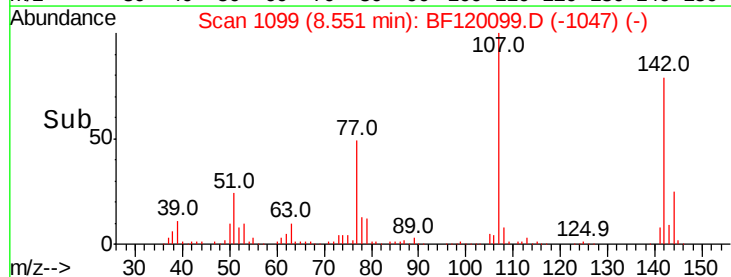
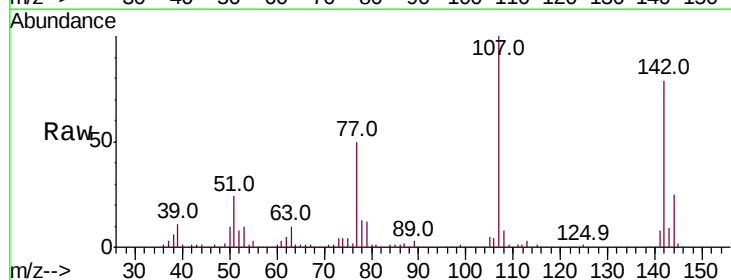
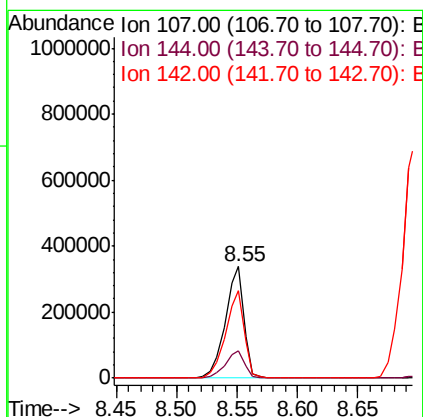
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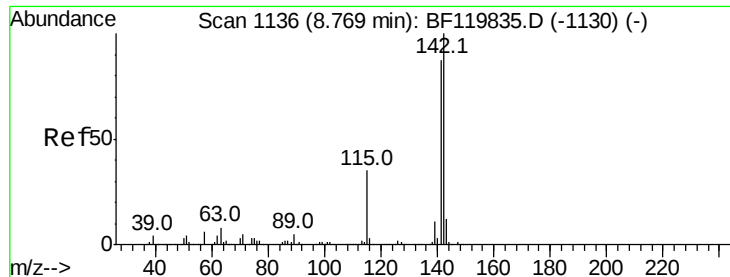
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#36
4-Chloro-3-methylphenol
Concen: 47.849 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.0	19.5	29.3		
142	78.9	60.5	90.7		





#37

2-Methylnaphthalene

Concen: 44.842 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF120099.D

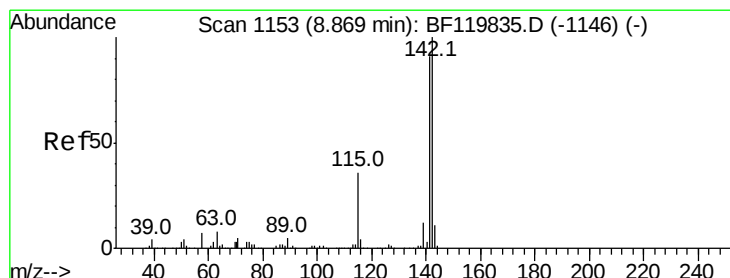
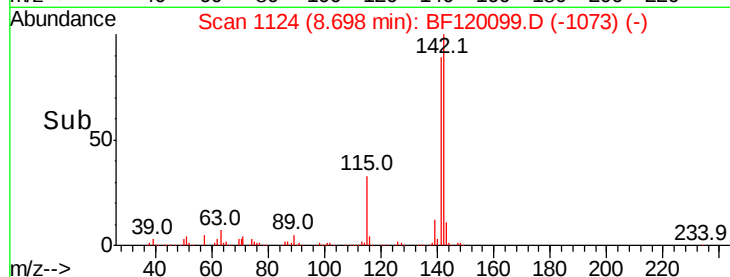
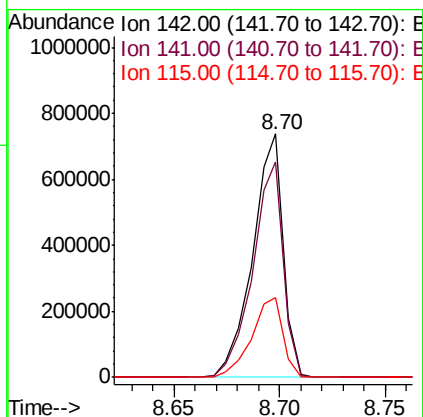
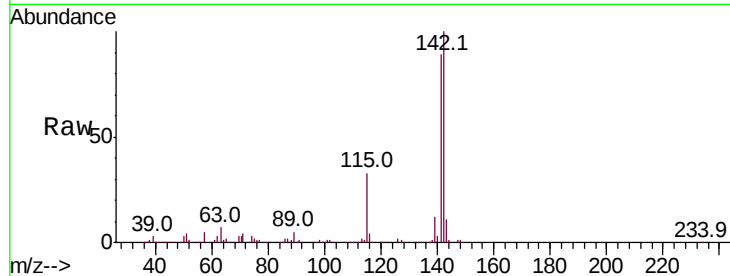
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	739628		
141	88.7	69.9	104.9	
115	32.9	28.0	42.0	

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#38

1-Methylnaphthalene

Concen: 46.952 ng

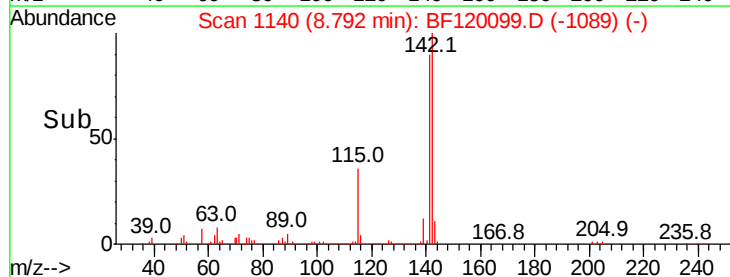
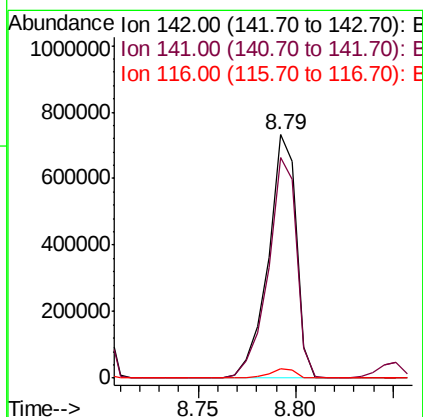
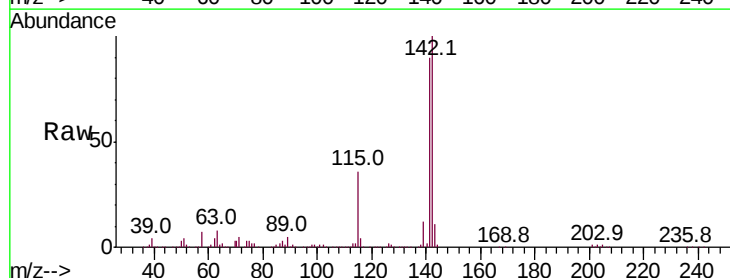
RT: 8.79 min Scan# 1140

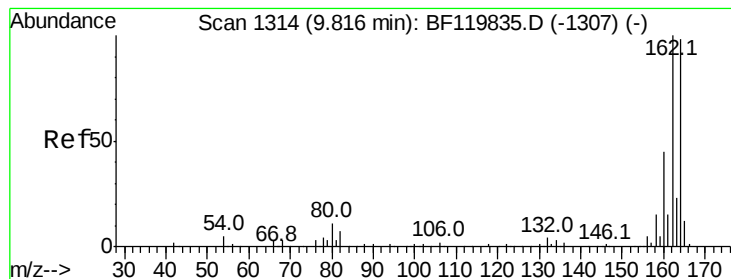
Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	729943		
141	90.4	72.9	109.3	
116	3.9	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

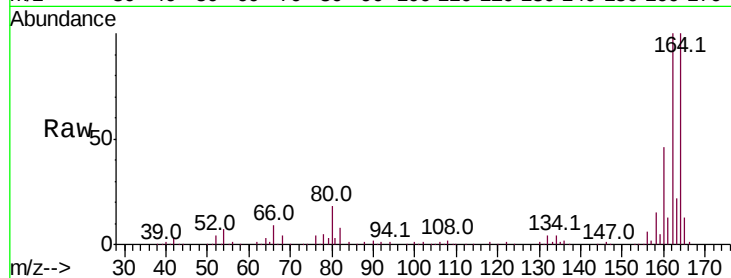
ClientSampleId :

PB128301BS

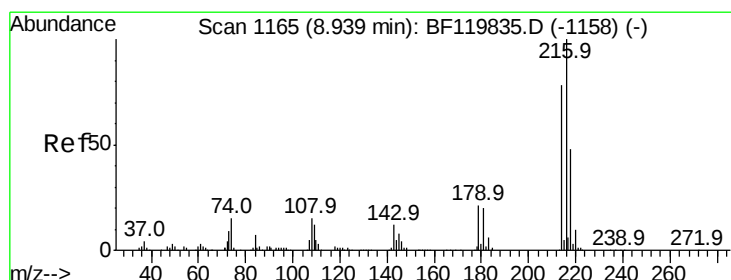
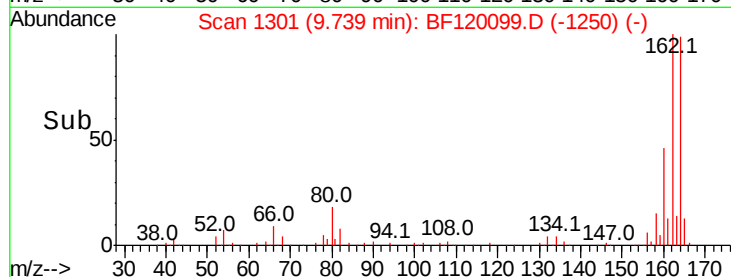
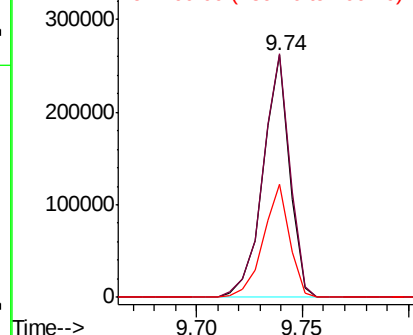
Tot Ion:	164	Resp:	229554
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.9	122.9
160	46.5	36.6	54.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.111 ng

RT: 8.86 min Scan# 1152

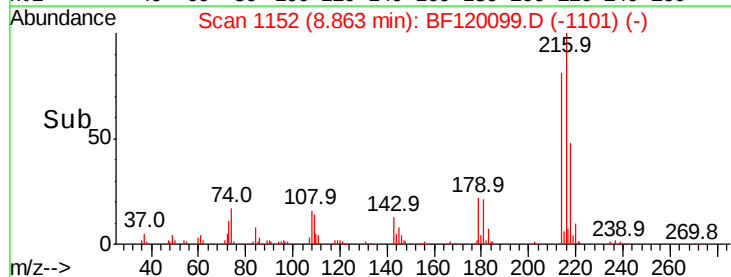
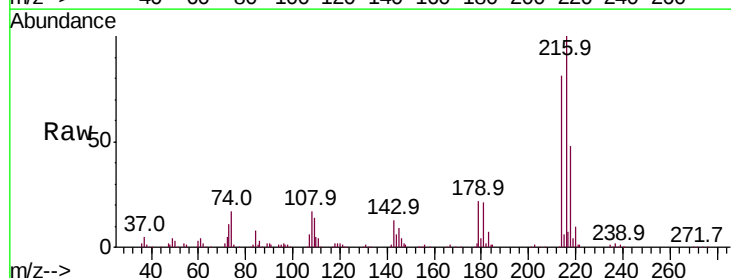
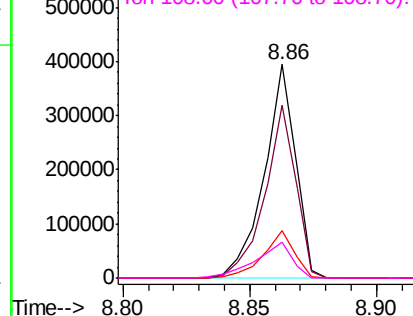
Delta R.T. -0.00 min

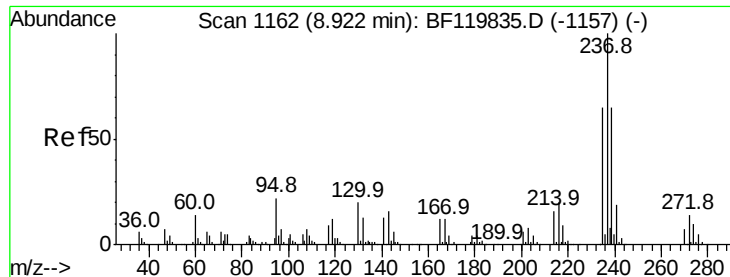
Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:	216	Resp:	341570
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.1	94.7
179	21.7	17.0	25.4
108	19.8	14.8	22.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.388 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

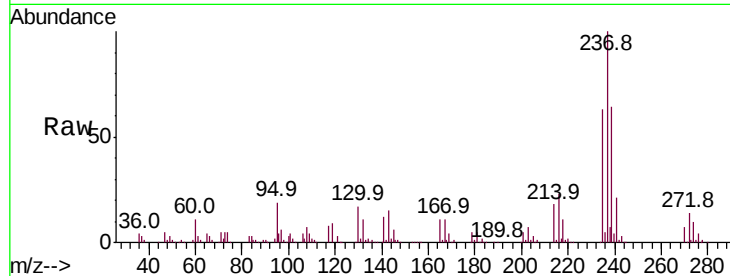
ClientSampleId :

PB128301BS

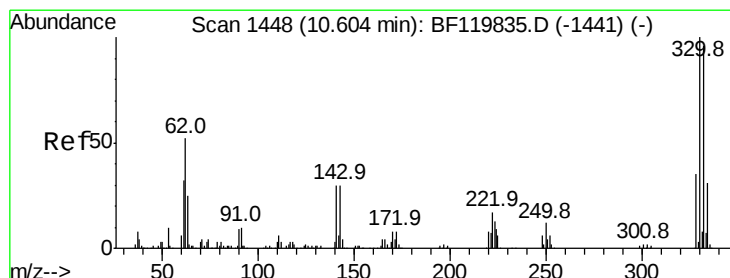
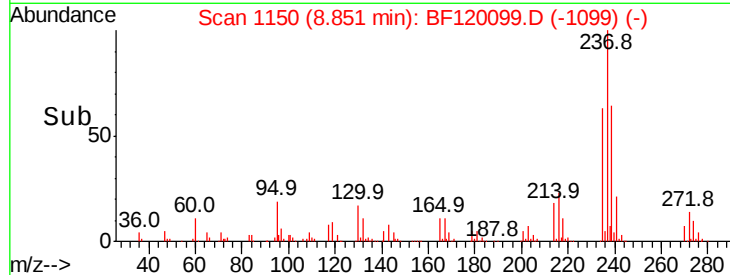
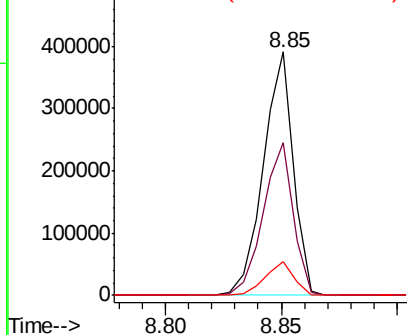
Tot Ion:	237	Resp:	352036
Ion Ratio	Lower	Upper	
237	100		
235	62.5	44.9	84.9
272	13.6	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 119.753 ng

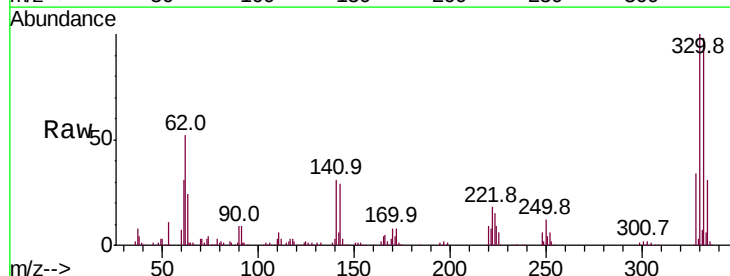
RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

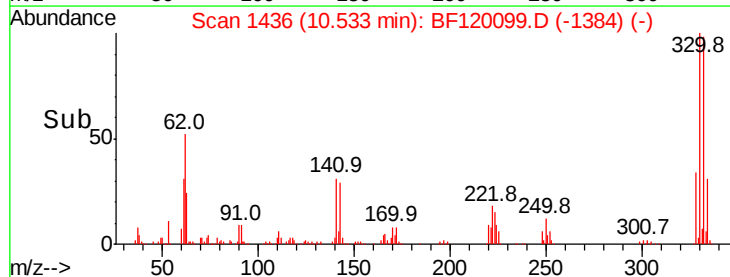
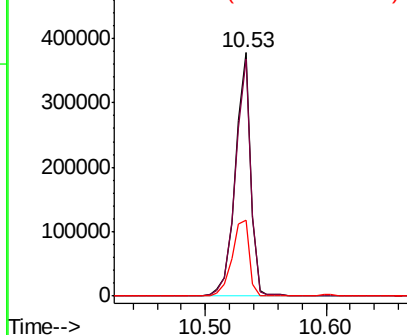
Lab File: BF120099.D

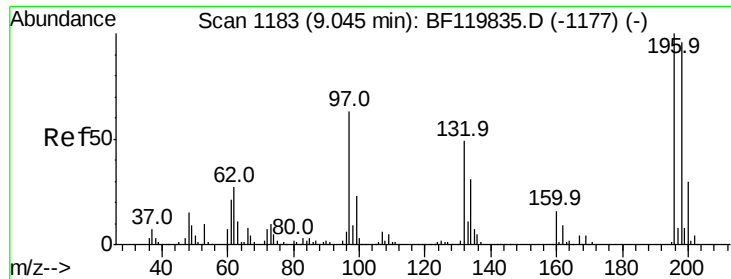
Acq: 21 Apr 2020 13:29

Tgt Ion:	330	Resp:	336568
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.8	115.2
141	35.2	25.1	37.7



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





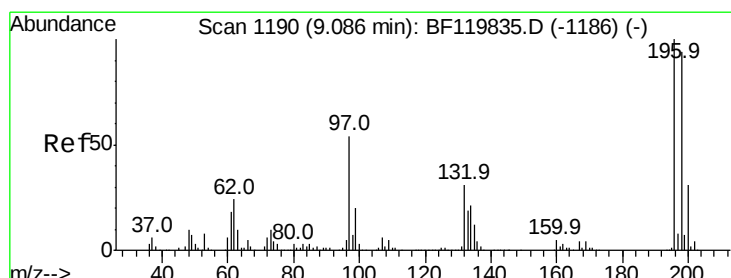
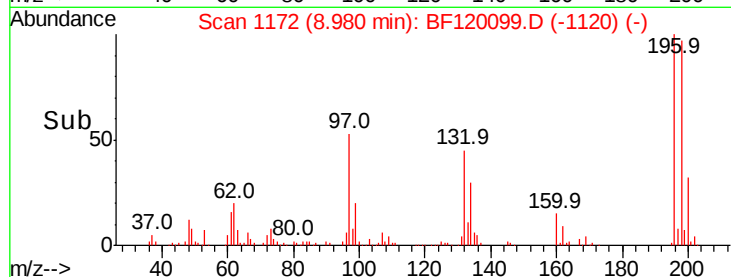
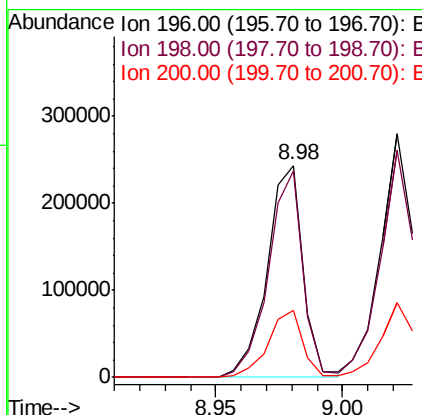
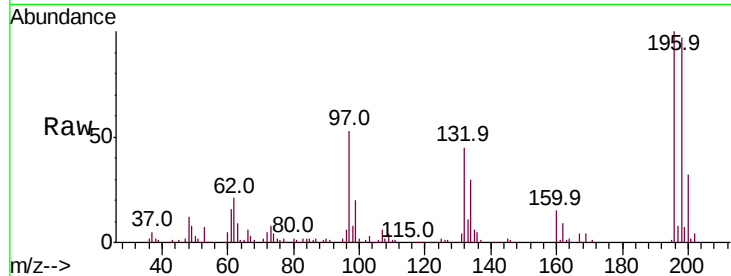
#43
 2,4,6-Trichlorophenol
 Concen: 48.160 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241120		
198	97.1	76.6	115.0	
200	31.7	24.2	36.2	

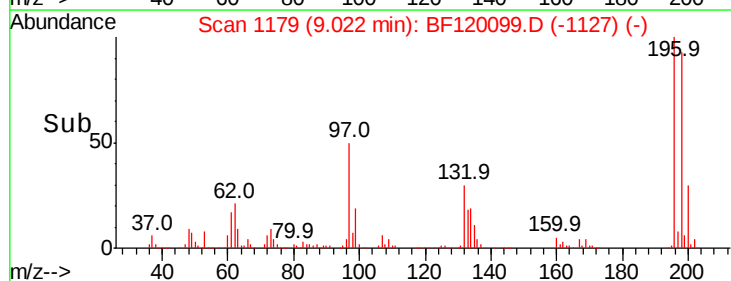
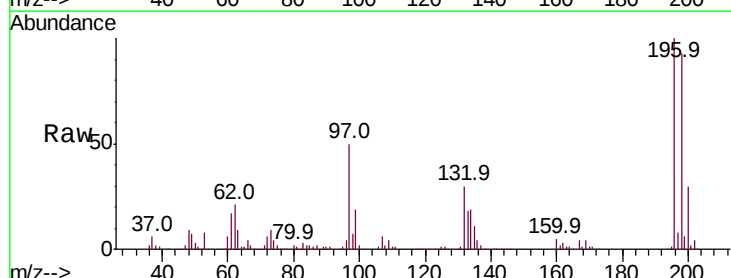
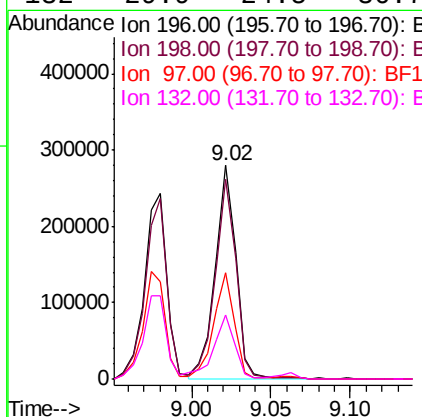
Manual Integrations
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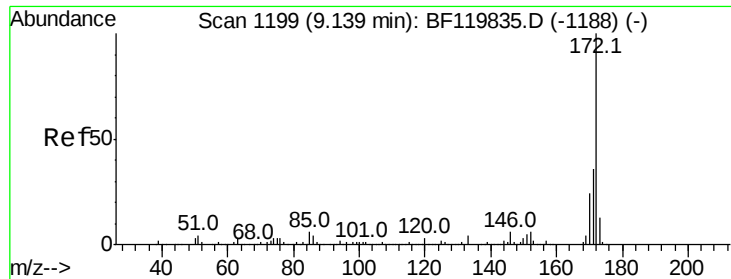
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.959 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253524		
198	93.4	75.1	112.7	
97	49.7	43.4	65.2	
132	29.9	24.5	36.7	





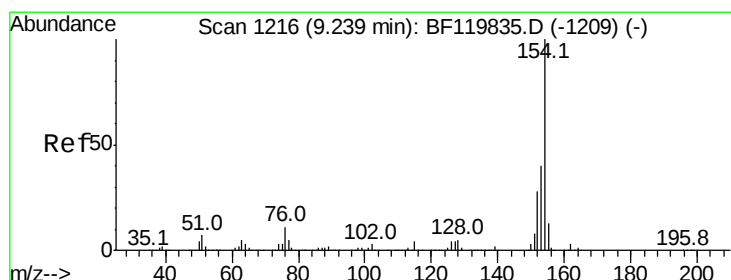
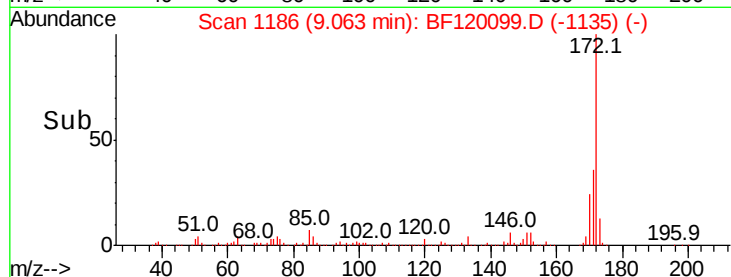
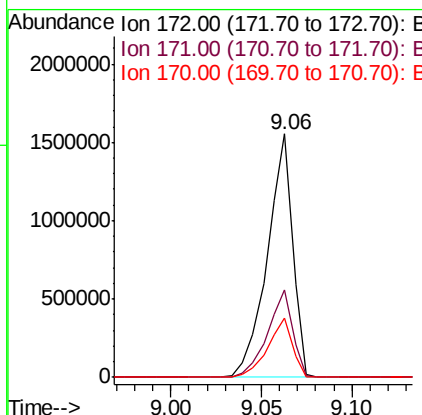
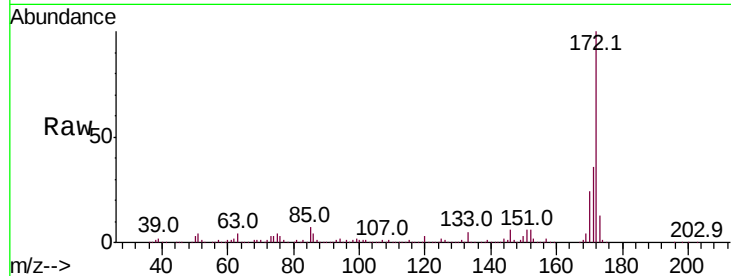
#45
2-Fluorobiphenyl
Concen: 93.350 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.1	19.4	29.2

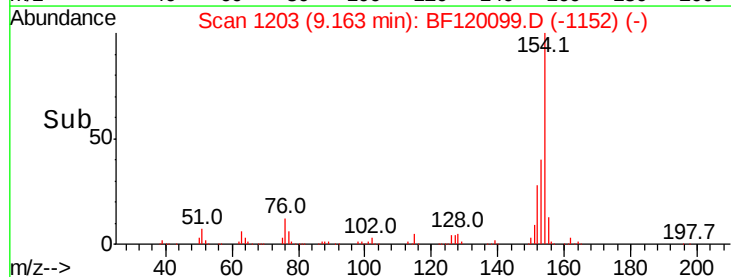
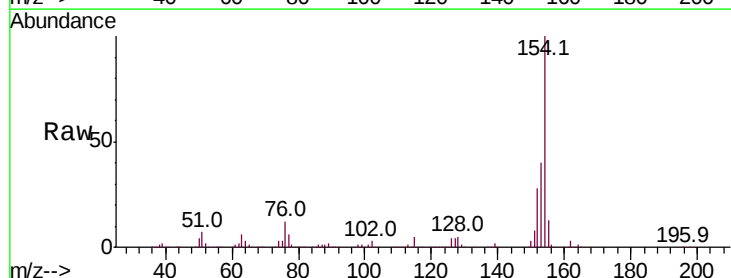
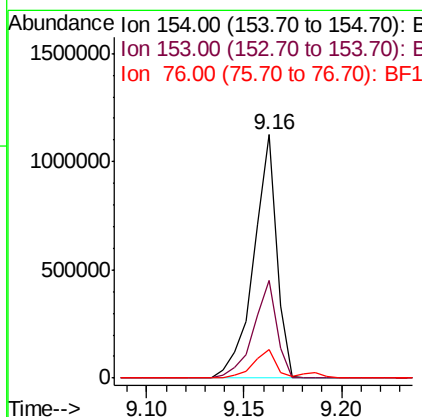
Manual Integrations
APPROVED

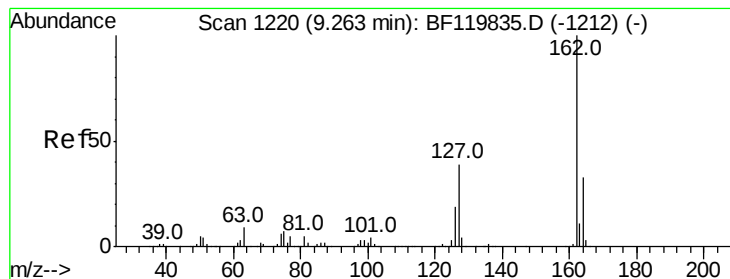
mohammad
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#46
1,1'-Biphenyl
Concen: 47.398 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	11.9	0.0	30.6





#47

2-Chloronaphthalene

Concen: 48.384 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

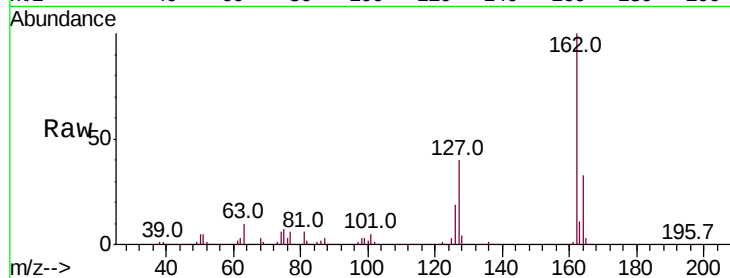
ClientSampleID :

PB128301BS

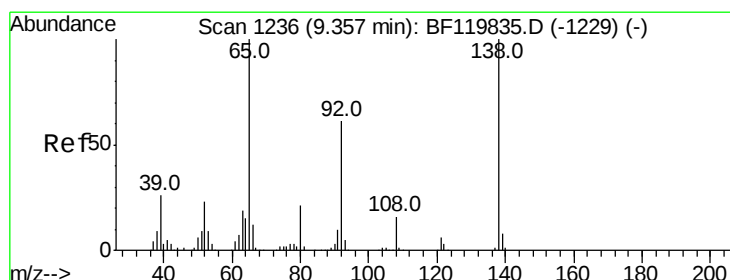
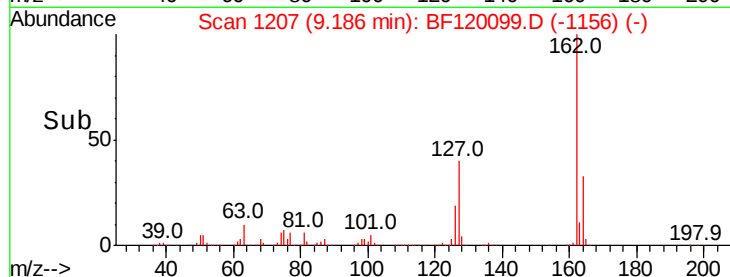
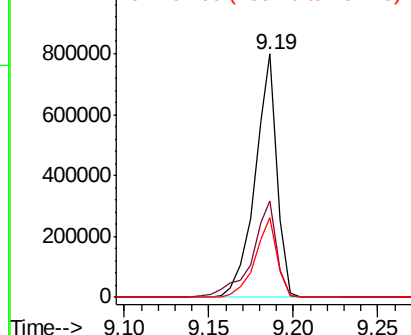
Tot Ion:	162	Resp:	722176
Ion Ratio	Lower	Upper	
162	100		
127	39.5	31.2	46.8
164	32.8	26.3	39.5

Manual Integrations
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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: 46.712 ng

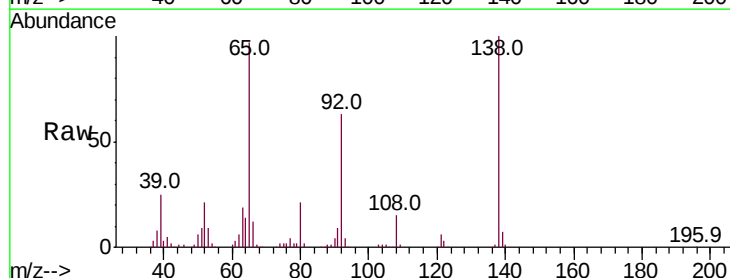
RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

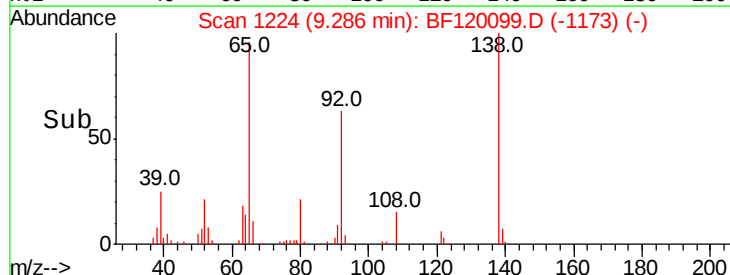
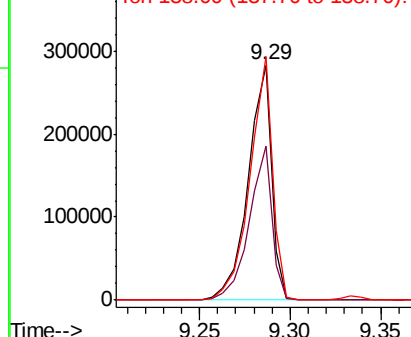
Lab File: BF120099.D

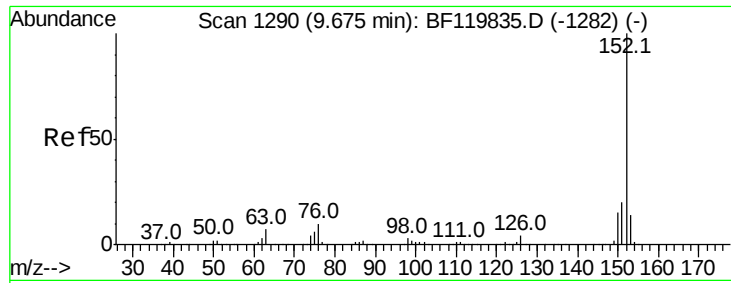
Acq: 21 Apr 2020 13:29

Tgt Ion:	65	Resp:	252666
Ion Ratio	Lower	Upper	
65	100		
92	65.6	49.0	73.6
138	103.6	79.7	119.5



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: 49.607 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion:152 Resp: 1126069

Ion Ratio Lower Upper

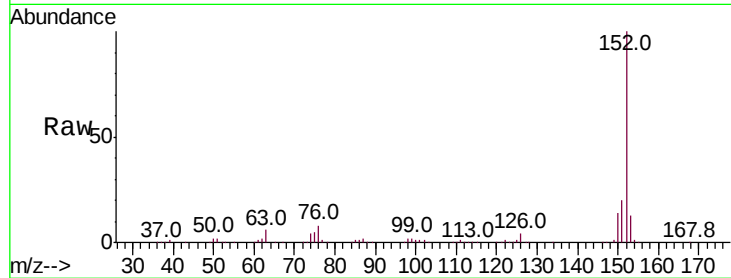
152 100

151 20.0 16.2 24.4

153 13.0 10.9 16.3

Manual Integrations
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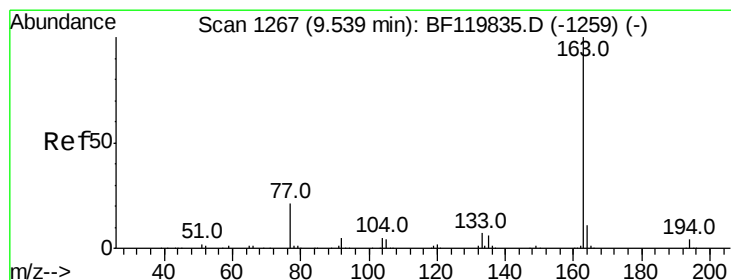
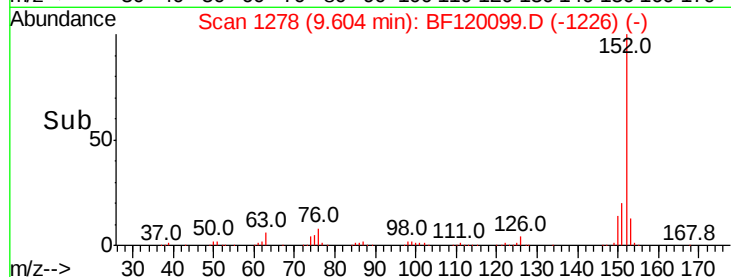
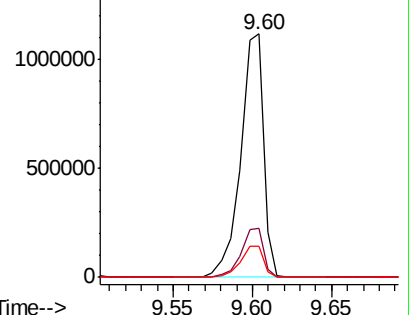
mohammad
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.067 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

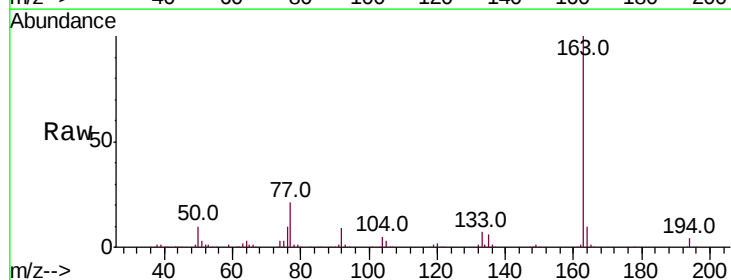
Tgt Ion:163 Resp: 817956

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

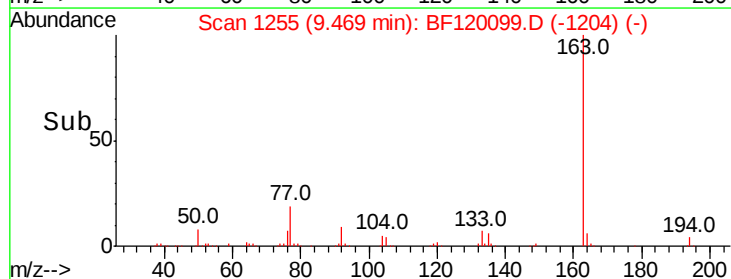
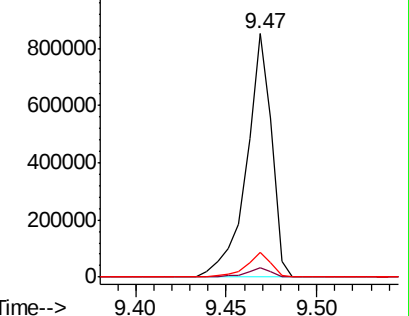
164 10.0 8.4 12.6

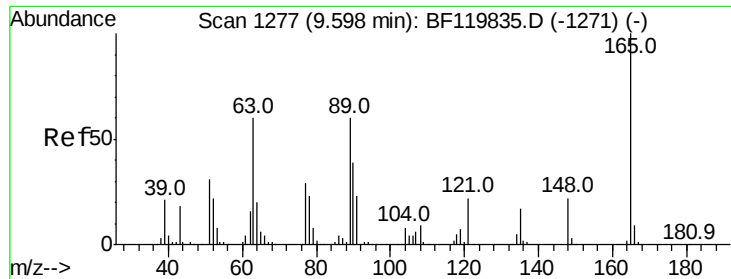


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





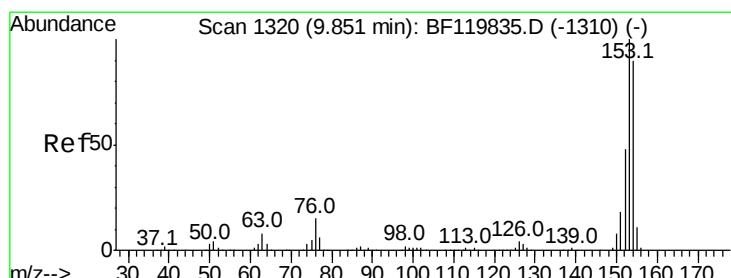
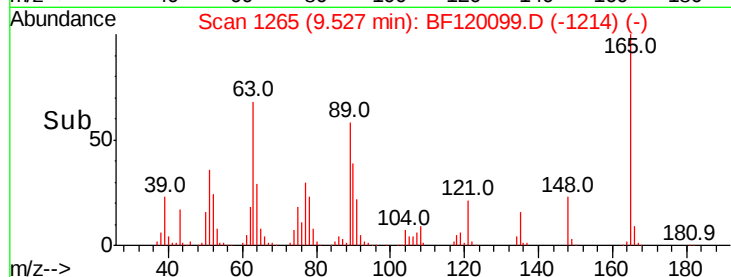
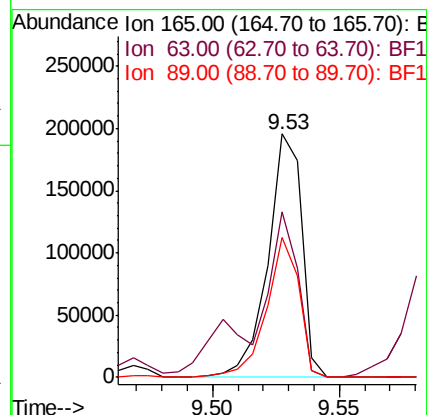
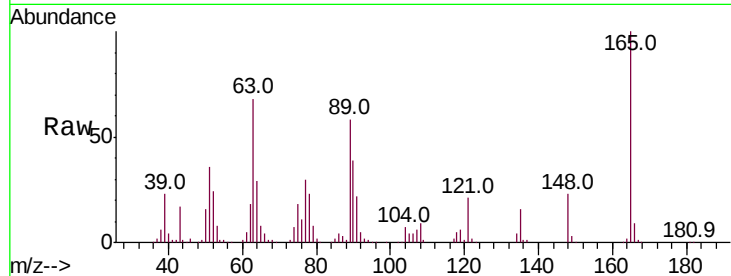
#51
2,6-Dinitrotoluene
Concen: 47.134 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampled :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183265		
63	68.1	55.6	83.4	
89	57.5	47.9	71.9	

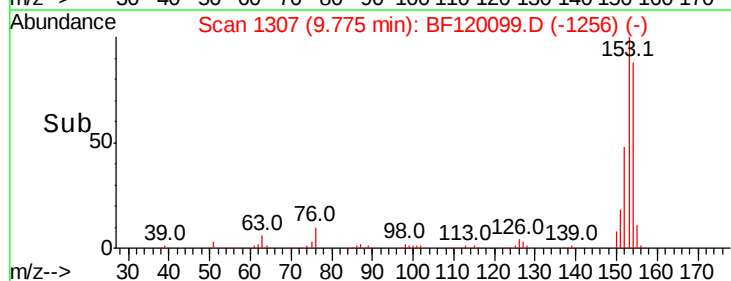
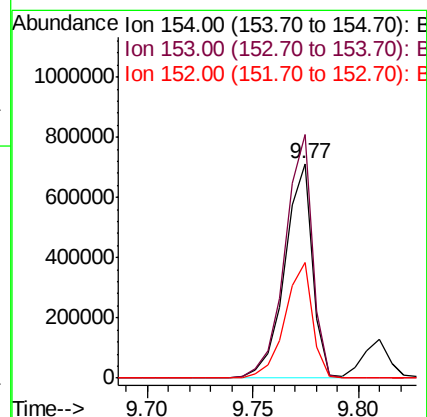
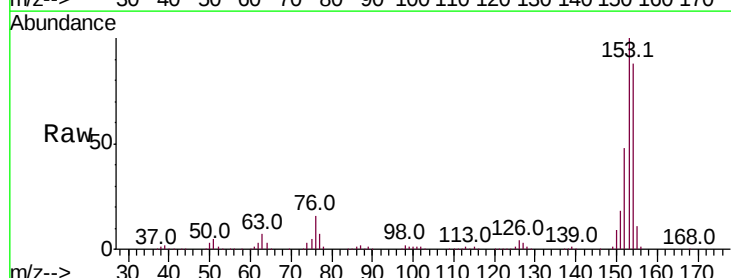
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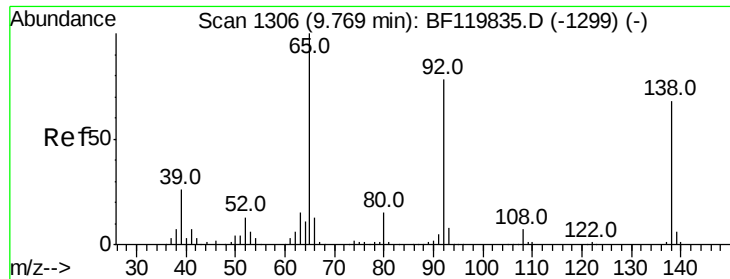
mohammad
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#52
Acenaphthene
Concen: 43.169 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	653663		
153	113.5	88.8	133.2	
152	54.1	42.4	63.6	





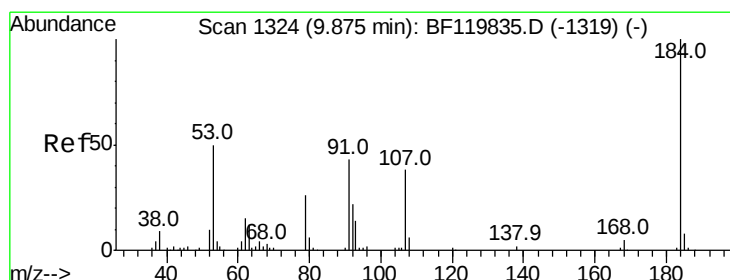
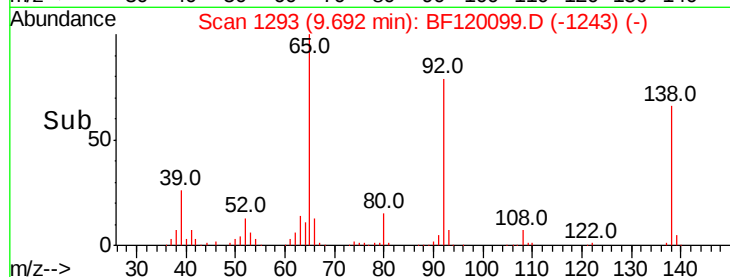
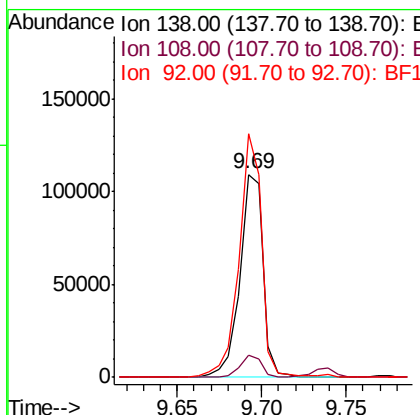
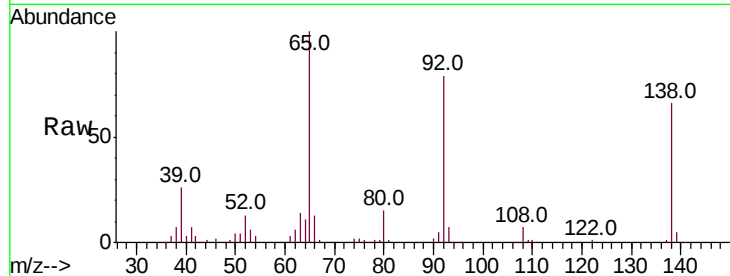
#53
 3-Nitroaniline
 Concen: 23.519 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.0	12.0
92	120.1	92.1	138.1

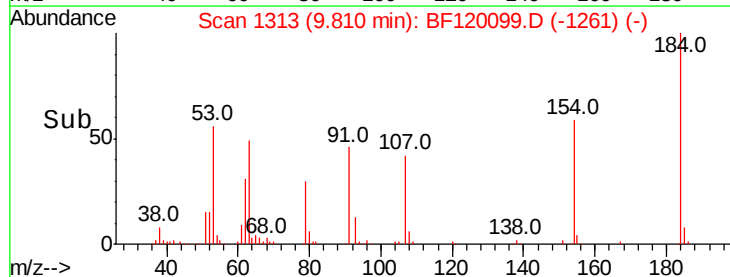
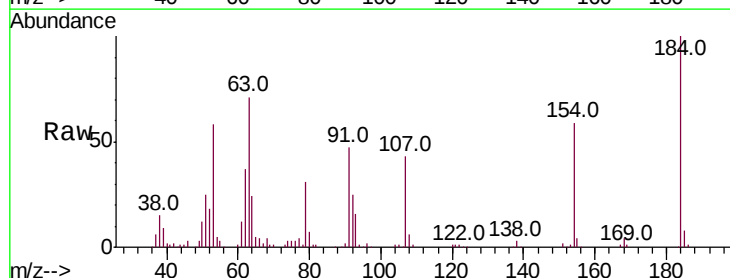
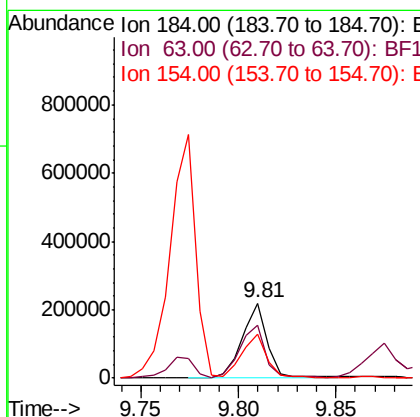
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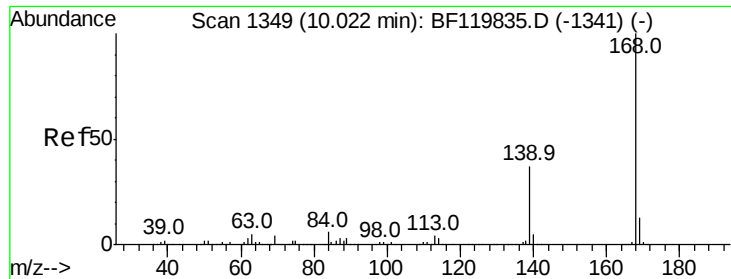
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 84.520 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	49.8	74.6
154	59.0	46.5	69.7





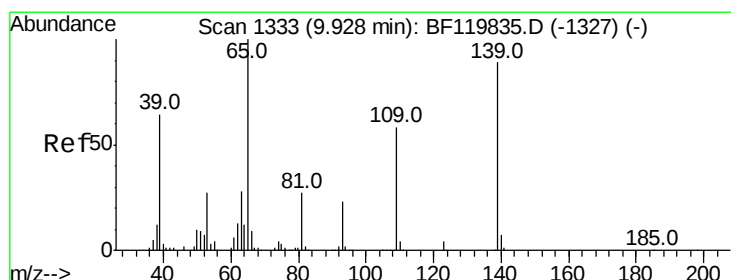
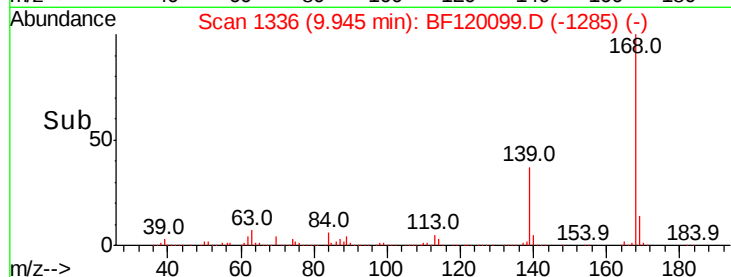
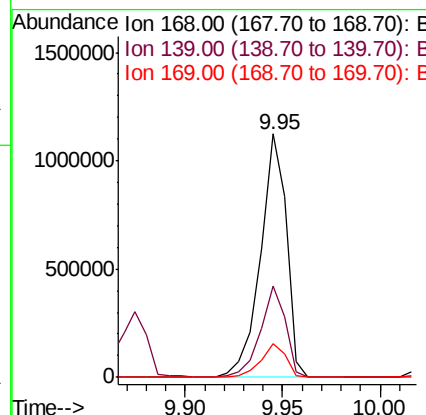
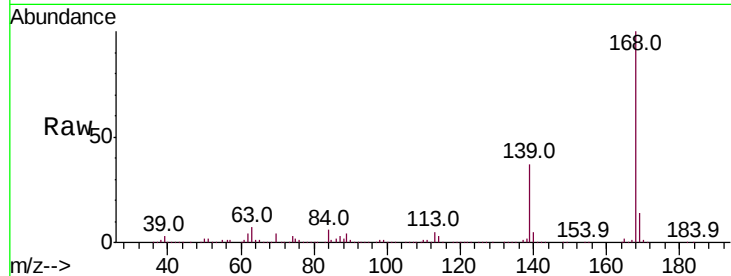
#55
Dibenzofuran
Concen: 49.709 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.8	44.6
169	13.8	10.6	15.8

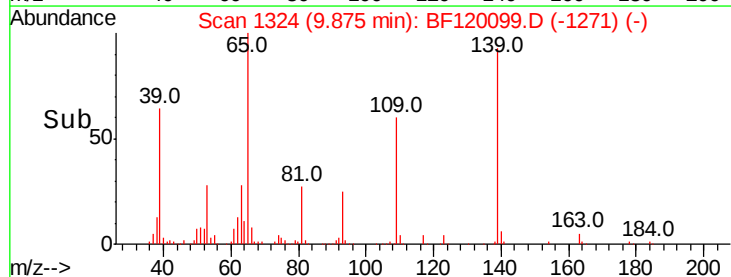
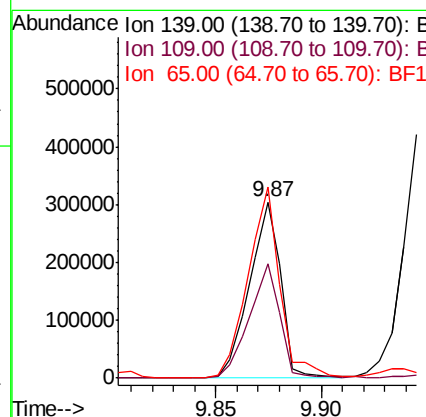
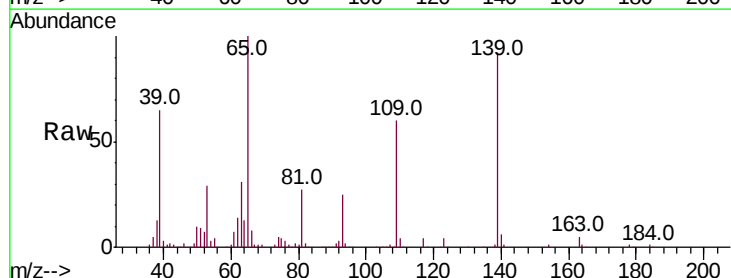
Manual Integrations
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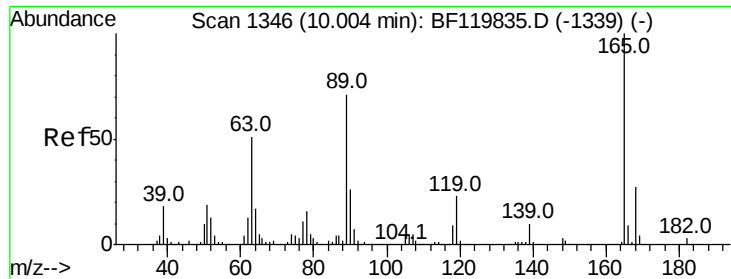
mohammad
4/24/2020 4:16:53 AM



#56
4-Nitrophenol
Concen: 94.976 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	45.5	85.5
65	108.3	92.3	132.3





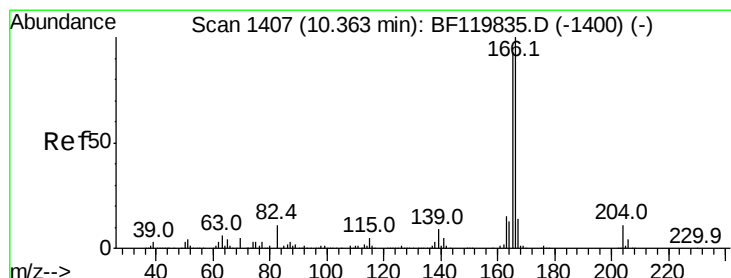
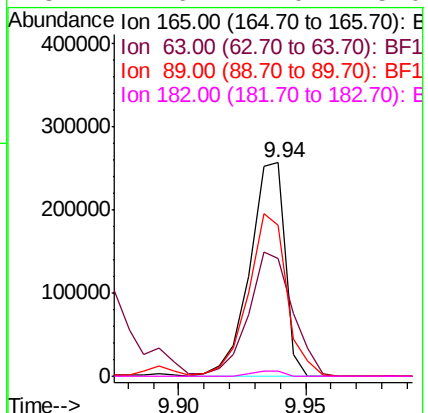
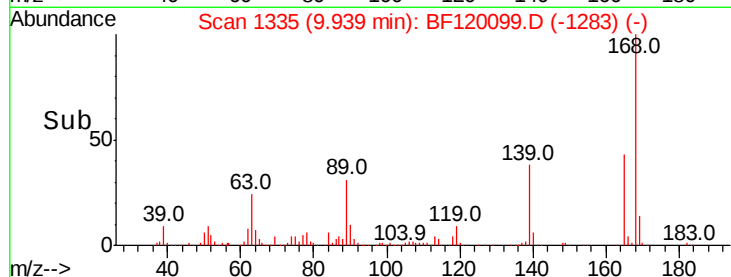
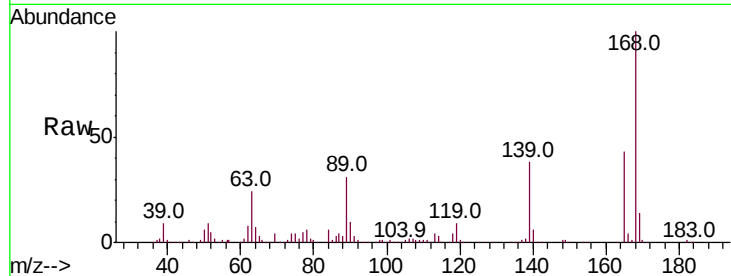
#57
2,4-Dinitrotoluene
Concen: 48.755 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249761		
63	55.2	40.8	61.2	
89	70.5	56.9	85.3	
182	2.6	2.0	3.0	

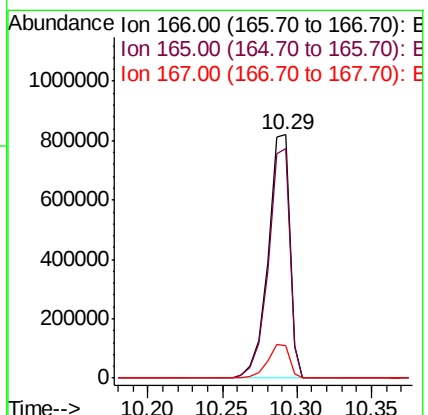
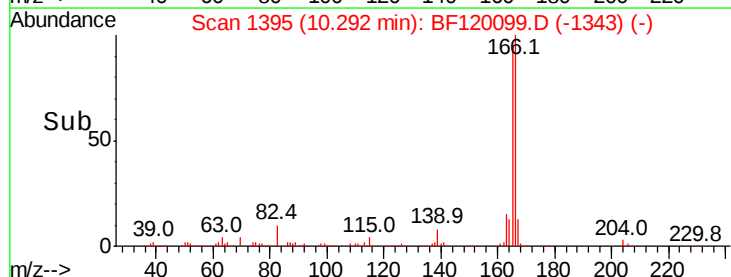
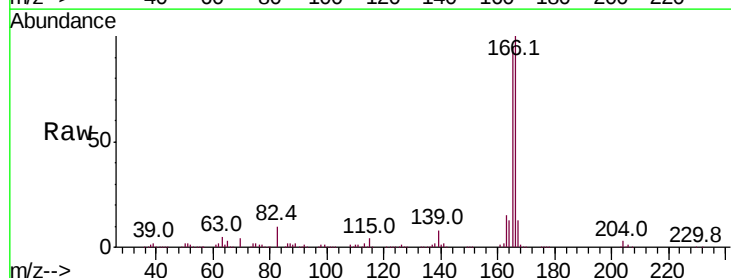
Manual Integrations
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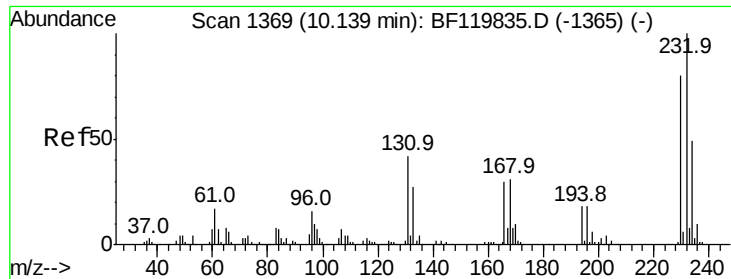
mohammad
4/24/2020 4:16:53 AM



#58
Fluorene
Concen: 49.167 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	817045		
165	94.5	74.2	111.2	
167	13.3	10.8	16.2	





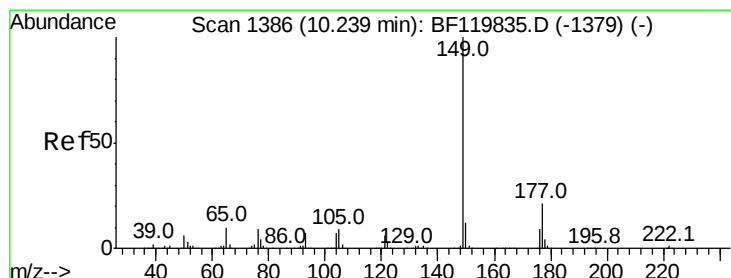
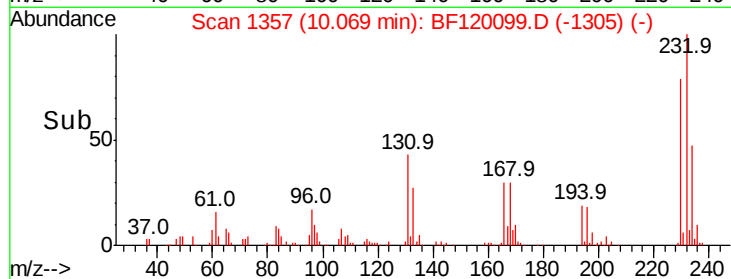
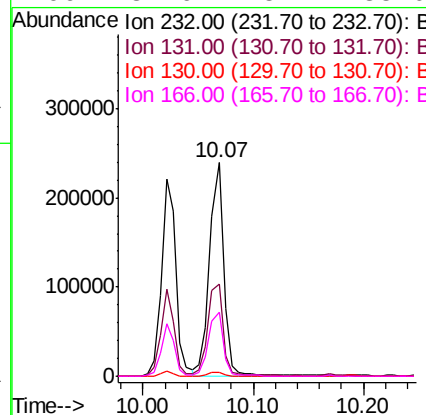
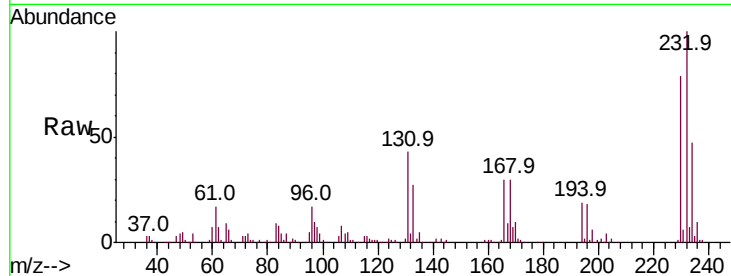
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.357 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	208554		
131	44.7		37.9	56.9
130	2.0		1.8	2.6
166	32.6		25.4	38.0

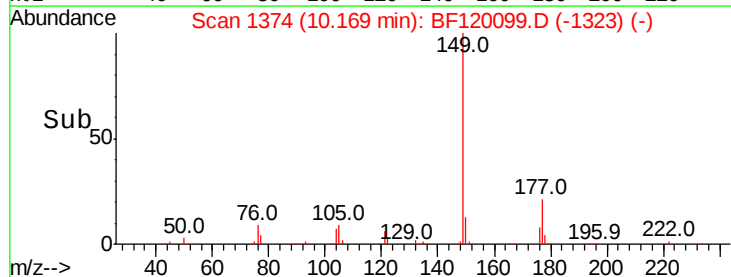
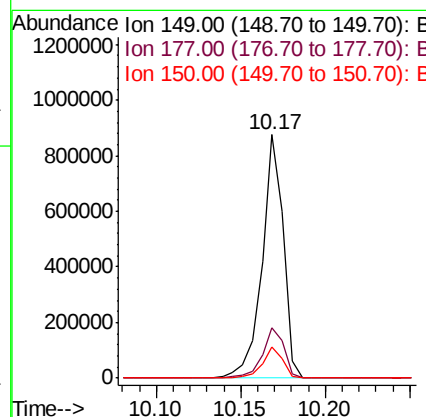
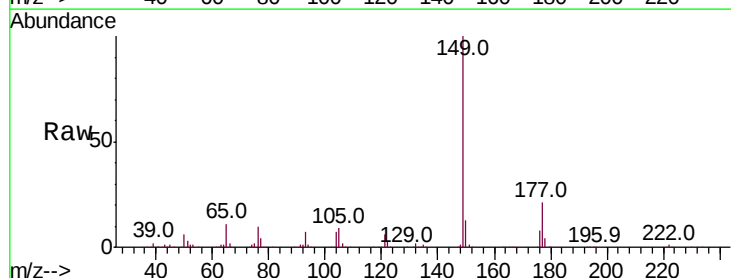
Manual Integrations
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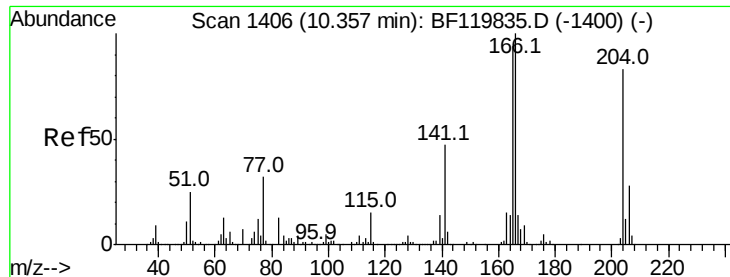
mohammad
 4/24/2020 4:16:53 AM



#60
 Diethylphthalate
 Concen: 41.662 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	766681		
177	20.7		16.8	25.2
150	13.0		9.8	14.6





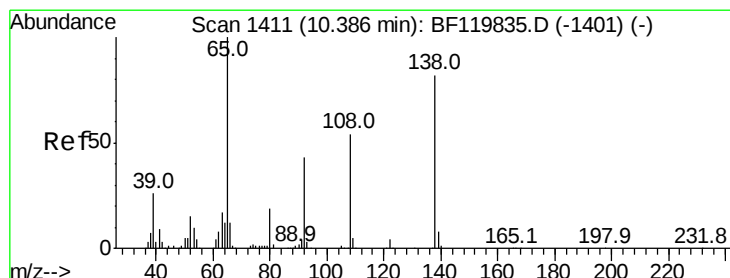
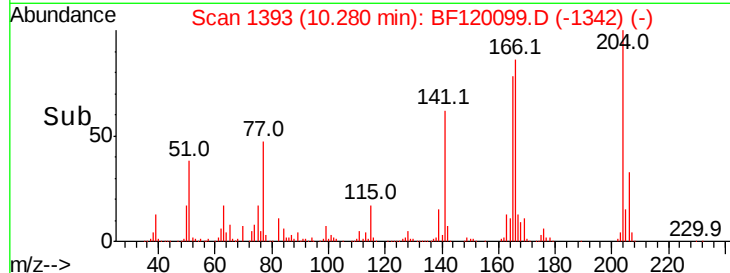
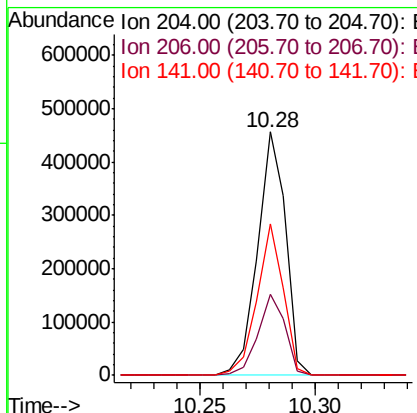
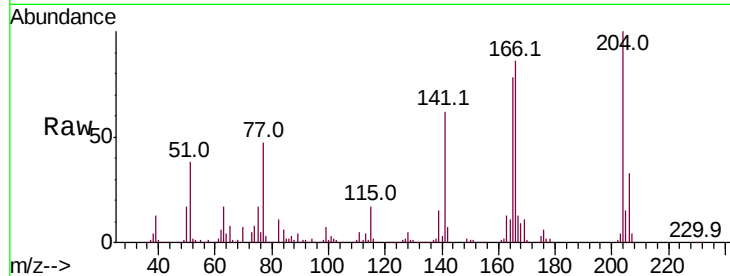
#61
 4-Chlorophenyl-phenylether
 Concen: 45.332 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleID :
 PB128301BS

Tot Ion:	204	Resp:	386104
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	62.1	45.8	68.8

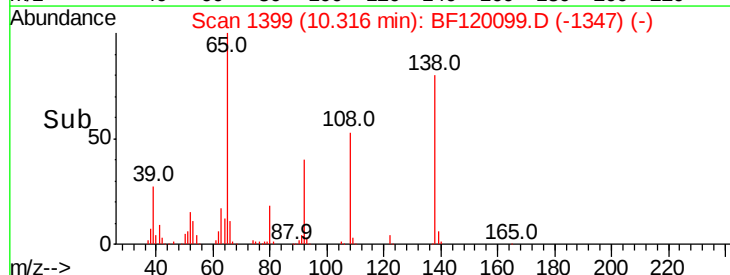
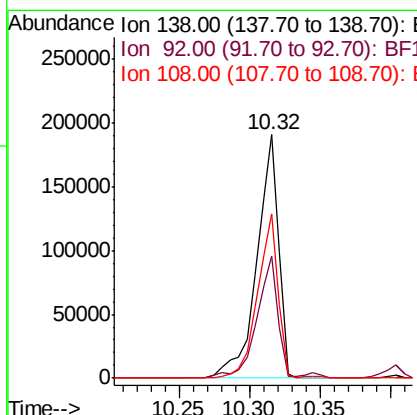
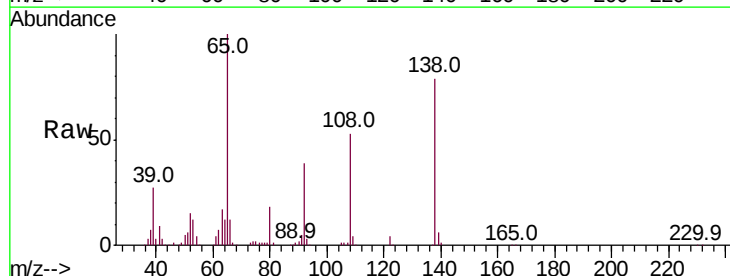
Manual Integrations
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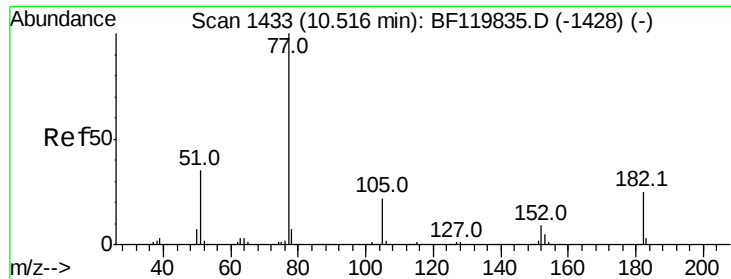
mohammad
 4/24/2020 4:16:53 AM



#62
 4-Nitroaniline
 Concen: 49.211 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:	138	Resp:	208262
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.6	71.6
108	67.2	45.2	85.2





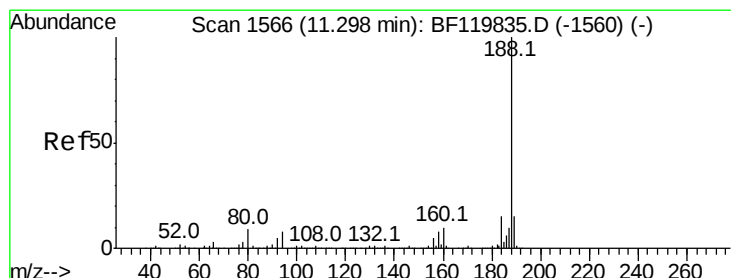
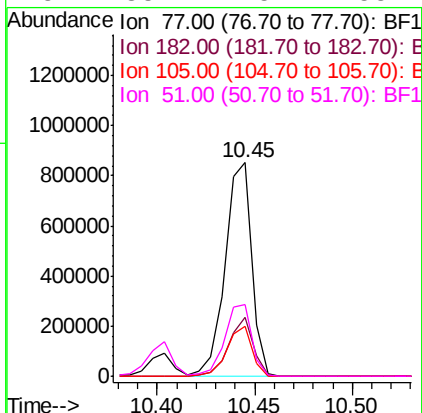
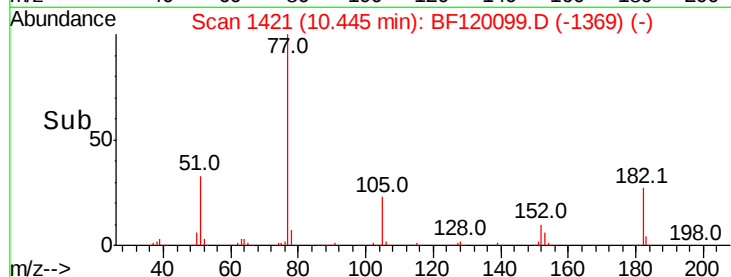
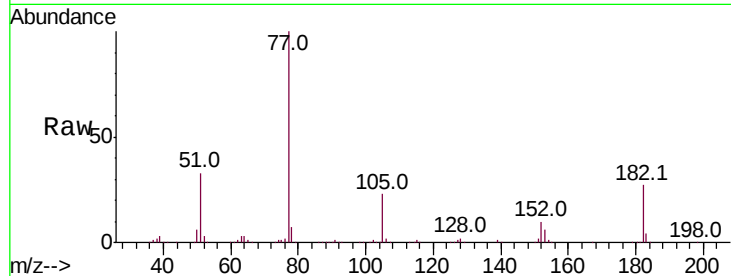
#63
Azobenzene
Concen: 48.903 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.5	44.5
105	23.2	2.2	42.2
51	33.4	15.1	55.1

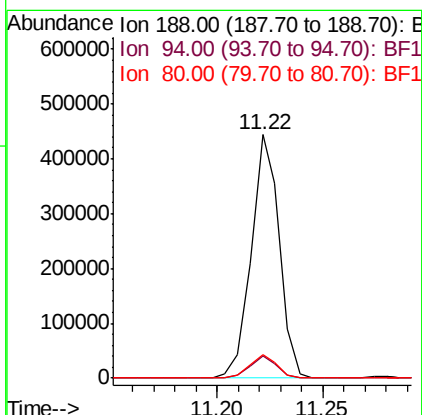
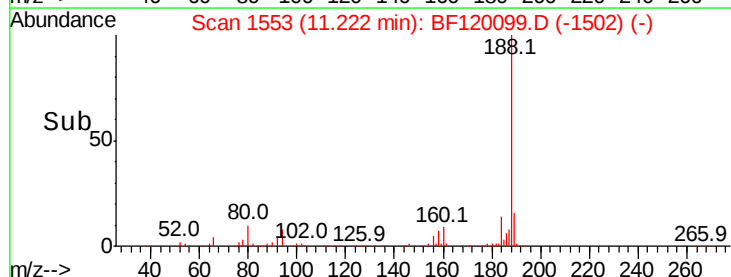
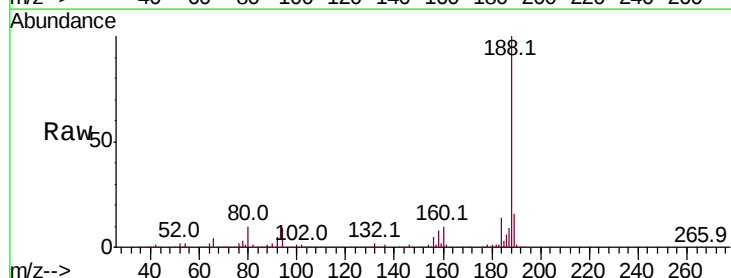
Manual Integrations
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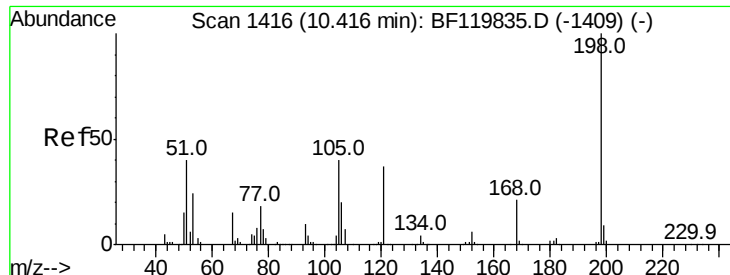
mohammad
4/24/2020 4:16:53 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.8	7.4	11.2





#65

4,6-Dinitro-2-methylphenol

Concen: 53.870 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion:198 Resp: 145196

Ion Ratio Lower Upper

198 100

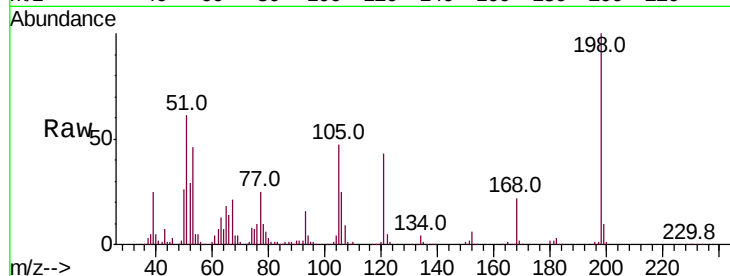
51 60.7 25.2 65.2

105 47.4 20.8 60.8

Manual Integrations
APPROVED

mohammad

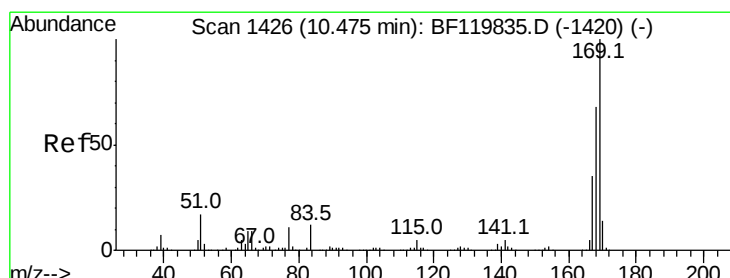
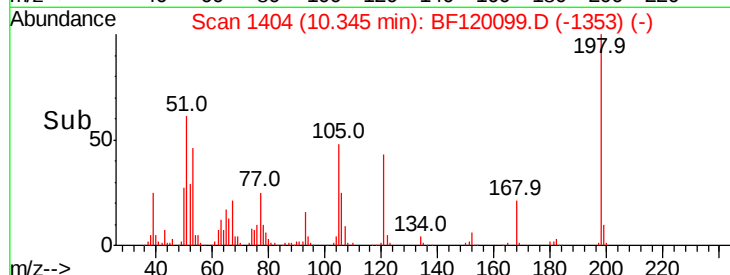
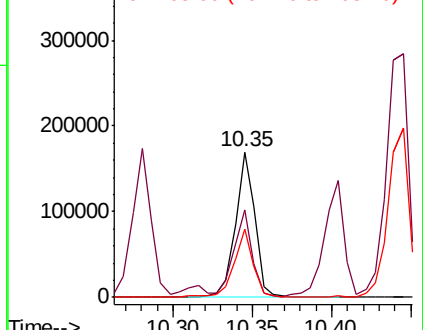
4/24/2020 4:16:53 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 53.912 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

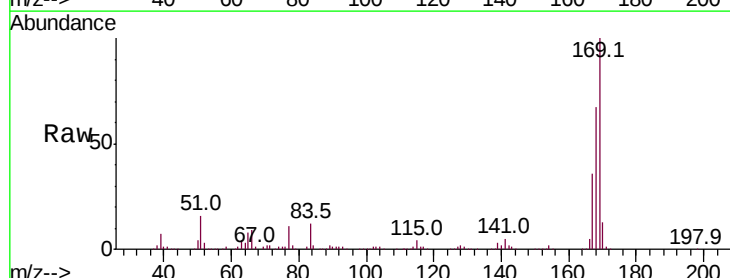
Tgt Ion:169 Resp: 733531

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.4

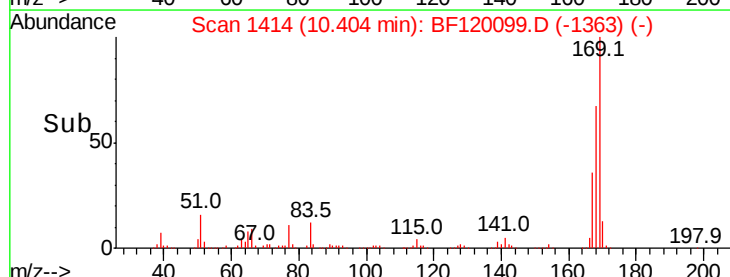
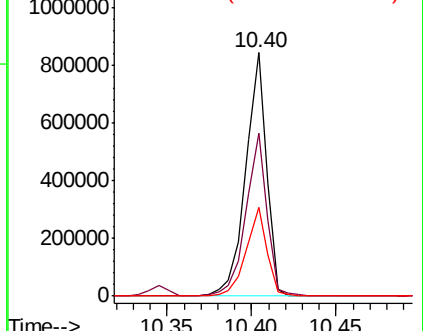
167 36.3 28.3 42.5

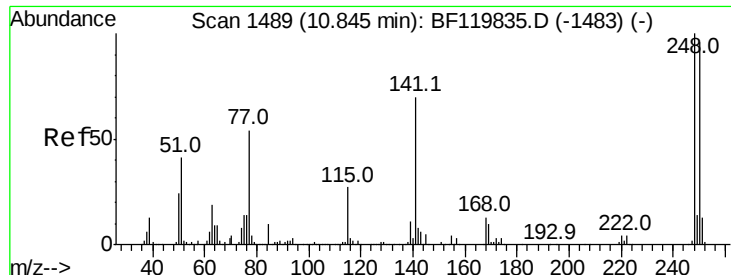


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





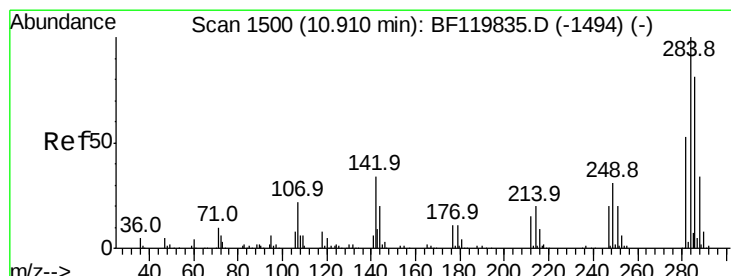
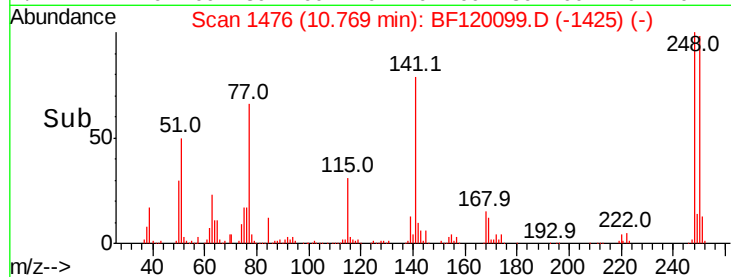
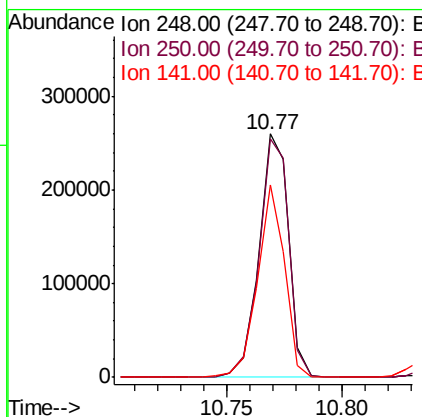
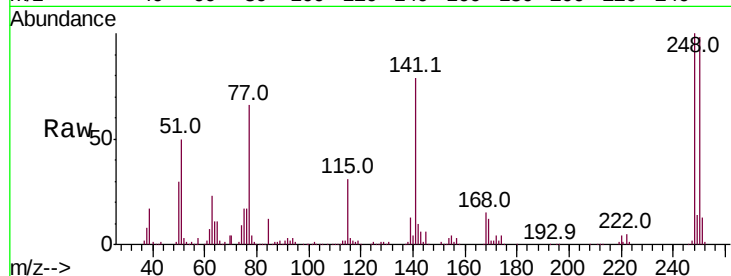
#67
 4-Bromophenyl-phenylether
 Concen: 45.478 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion:	248	Resp:	231381
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.6	114.8
141	79.3	55.9	83.9

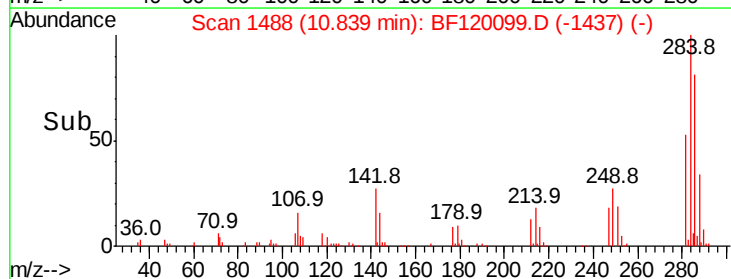
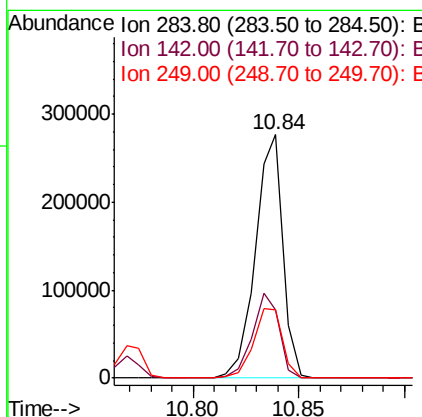
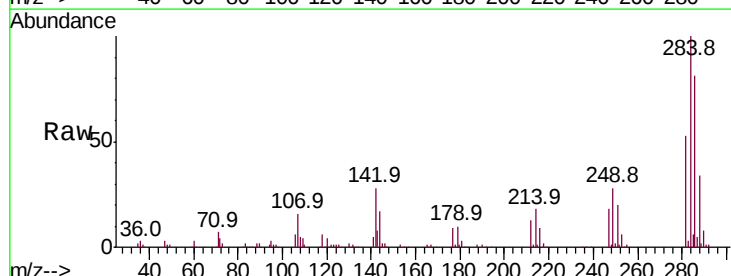
Manual Integrations
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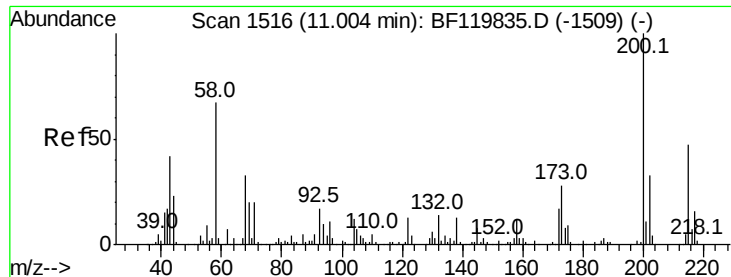
mohammad
 4/24/2020 4:16:53 AM



#68
 Hexachlorobenzene
 Concen: 48.448 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion:	284	Resp:	250054
Ion Ratio	Lower	Upper	
284	100		
142	28.2	26.9	40.3
249	28.1	24.6	37.0





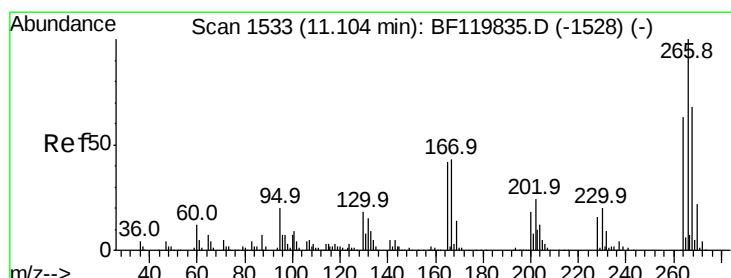
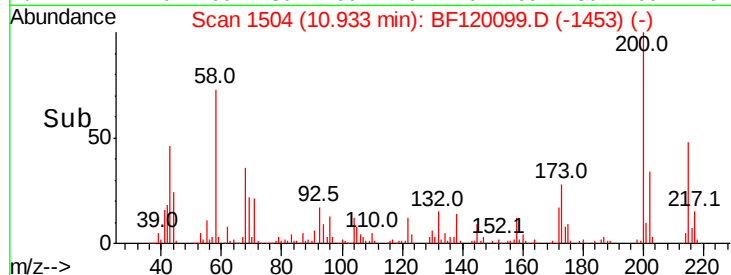
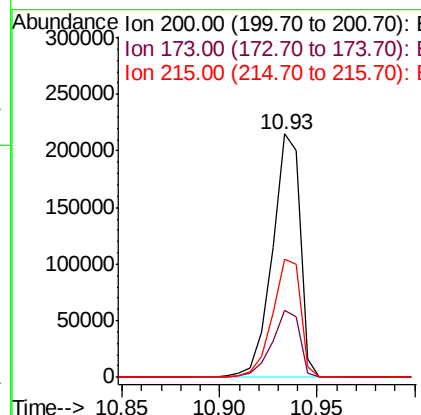
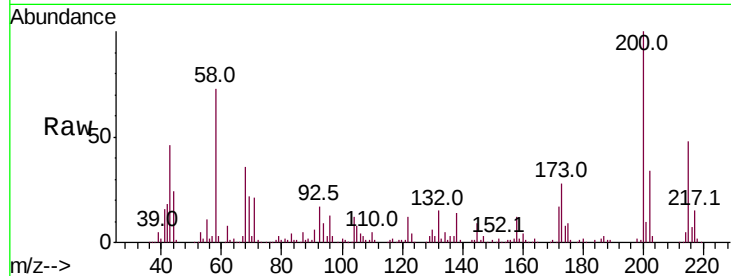
#69
Atrazine
Concen: 56.150 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	8.0	48.0
215	48.5	27.1	67.1

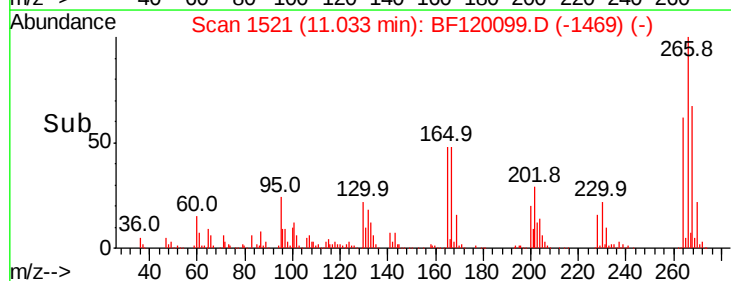
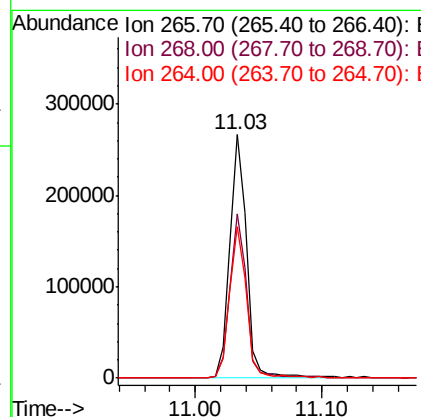
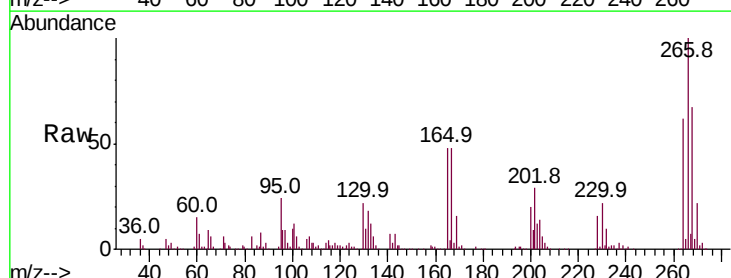
Manual Integrations
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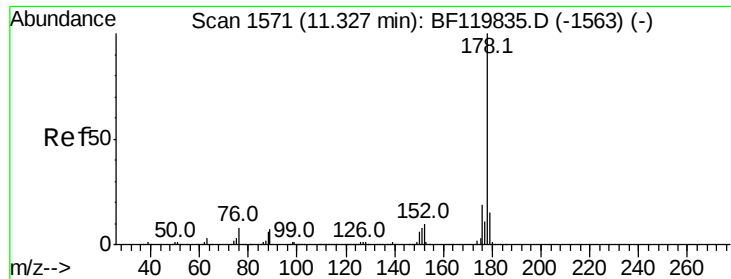
mohammad
4/24/2020 4:16:53 AM



#70
Pentachlorophenol
Concen: 82.608 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.5	54.2	81.4
264	62.2	50.6	76.0





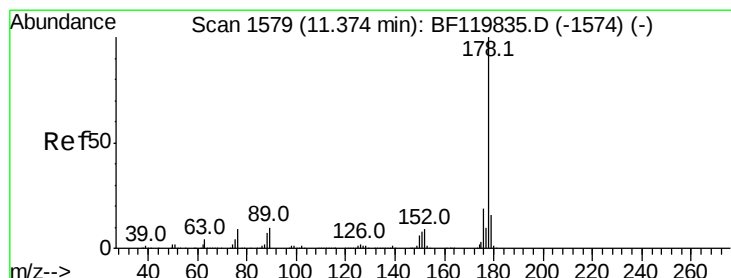
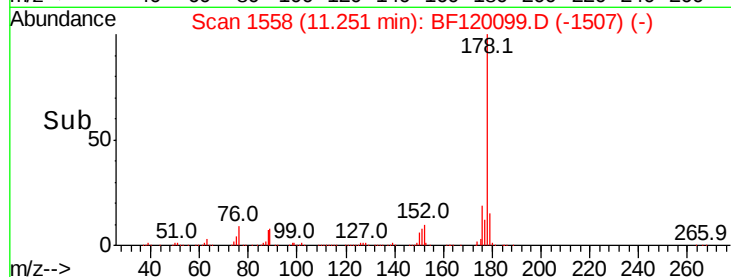
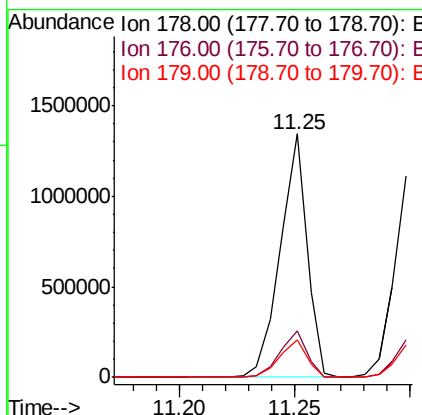
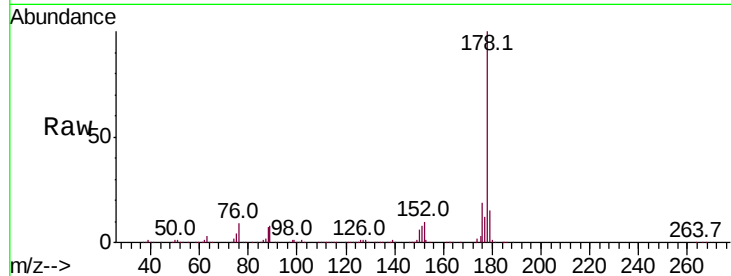
#71
Phenanthrene
Concen: 49.626 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion:178 Resp: 1080540
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.3 12.2 18.4

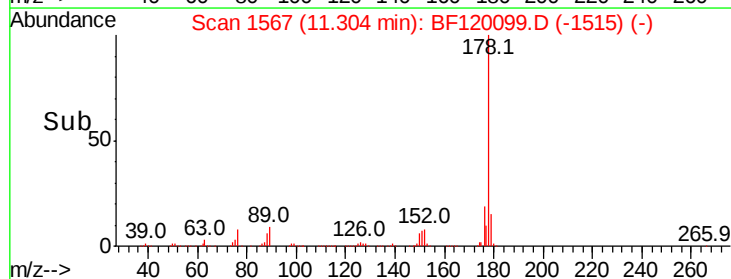
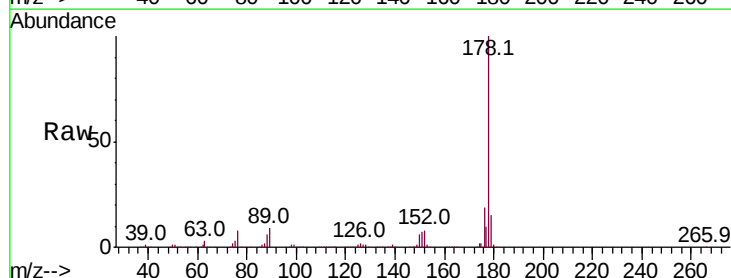
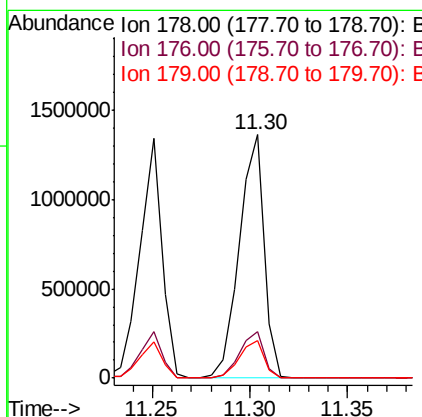
Manual Integrations
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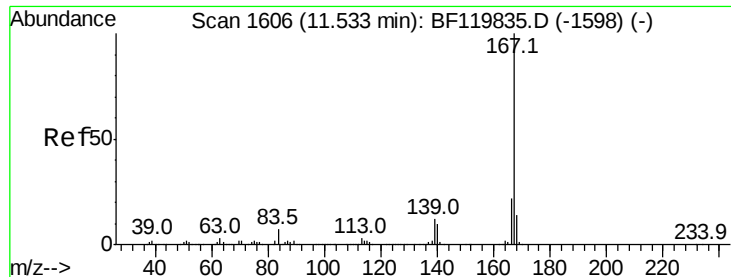
mohammad
4/24/2020 4:16:53 AM



#72
Anthracene
Concen: 54.152 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion:178 Resp: 1204510
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.8 19.2





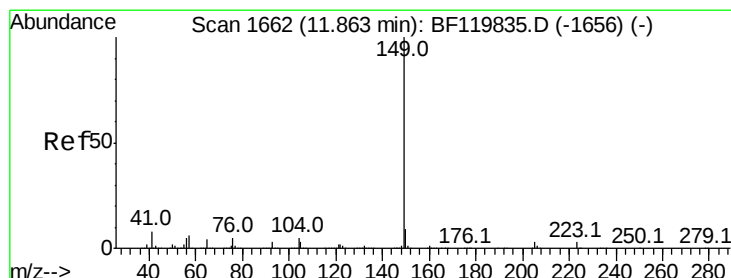
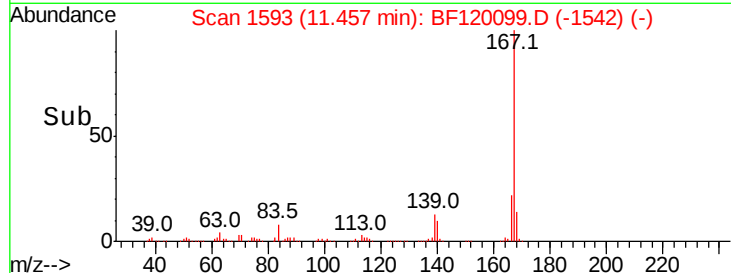
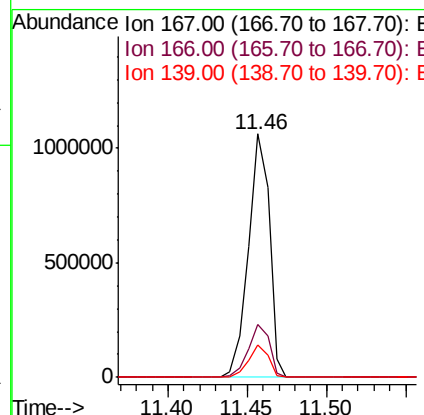
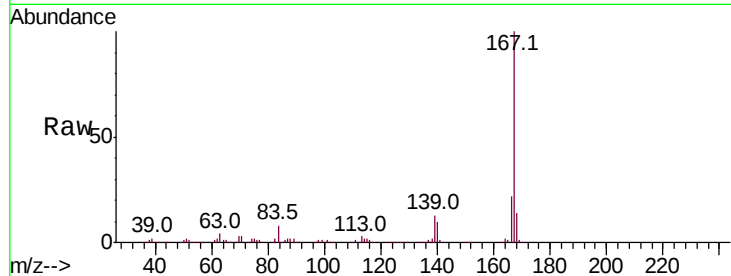
#73
 Carbazole
 Concen: 46.362 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.1	9.8	14.8

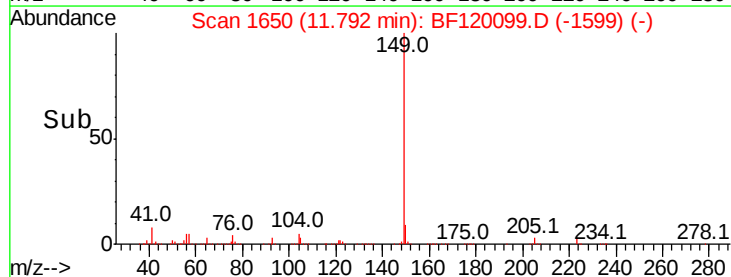
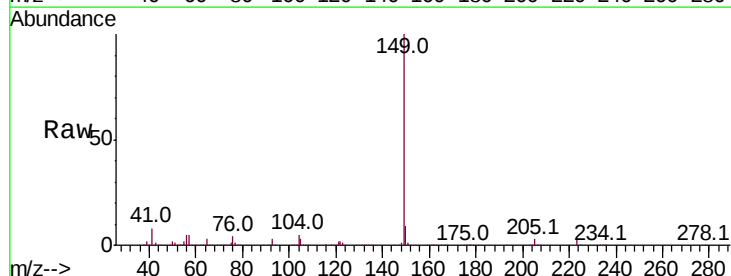
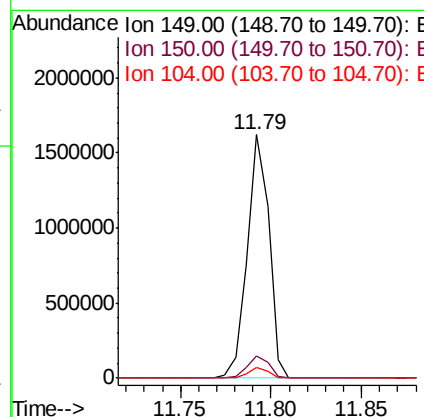
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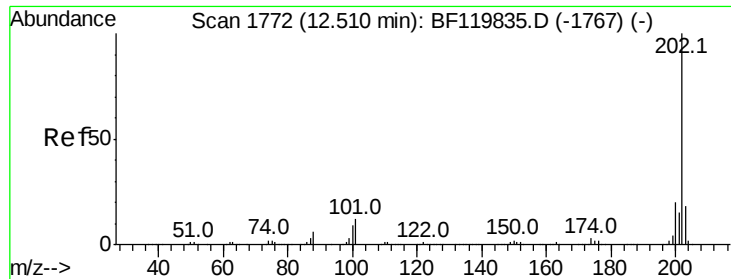
mohammad
 4/24/2020 4:16:53 AM



#74
 Di-n-butylphthalate
 Concen: 48.594 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.6	3.8	5.6





#75

Fluoranthene

Concen: 55.755 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

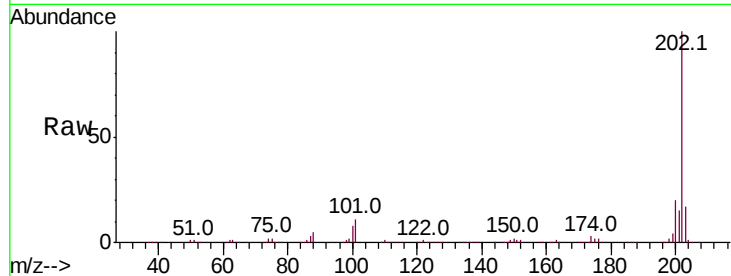
ClientSampleId :

PB128301BS

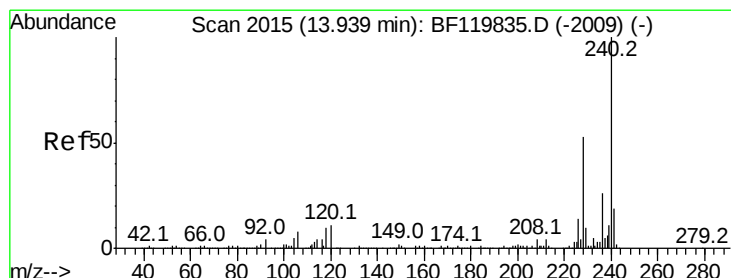
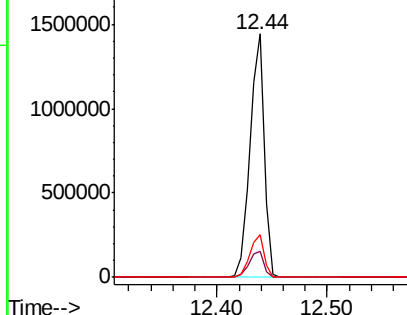
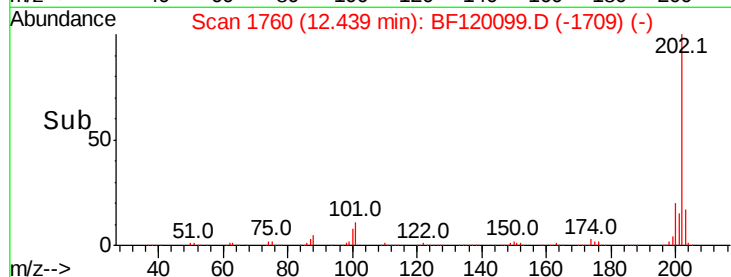
Tot Ion:	202	Resp:	1309885
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	32.3
203	17.4	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

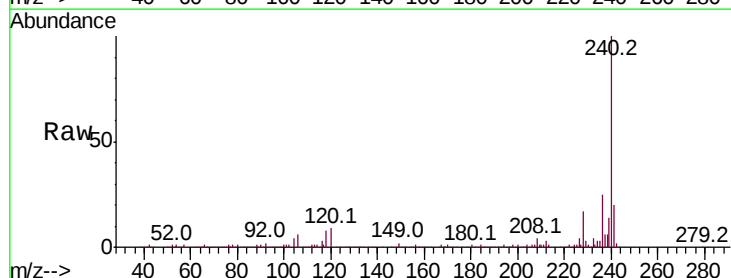
RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

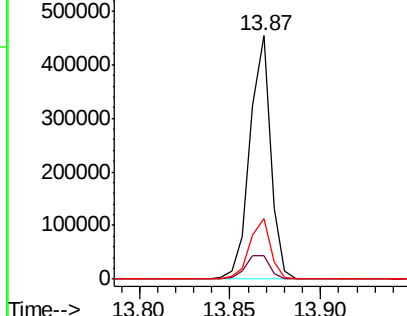
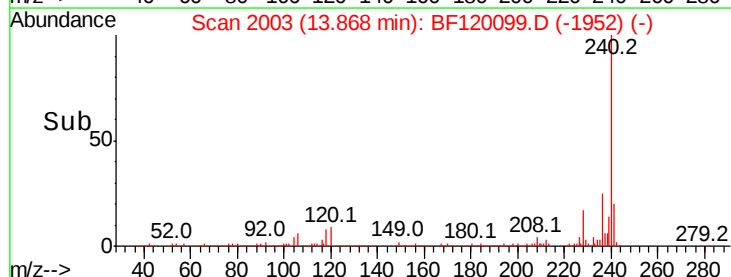
Lab File: BF120099.D

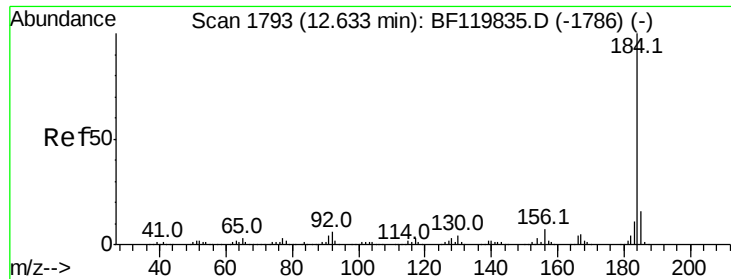
Acq: 21 Apr 2020 13:29

Tgt Ion:	240	Resp:	361126
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.0	13.6
236	25.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.382 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

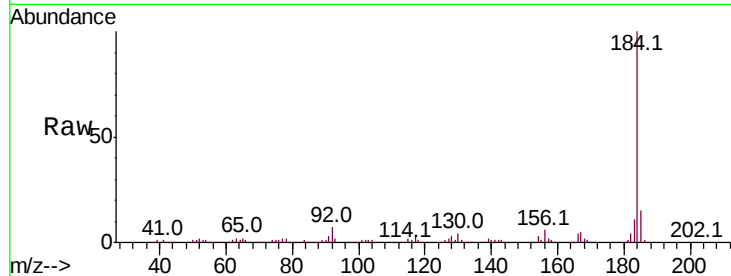
ClientSampleId :

PB128301BS

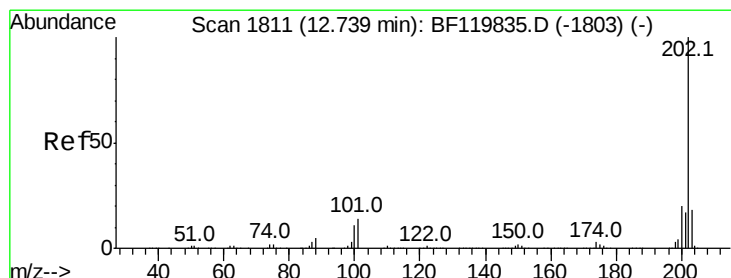
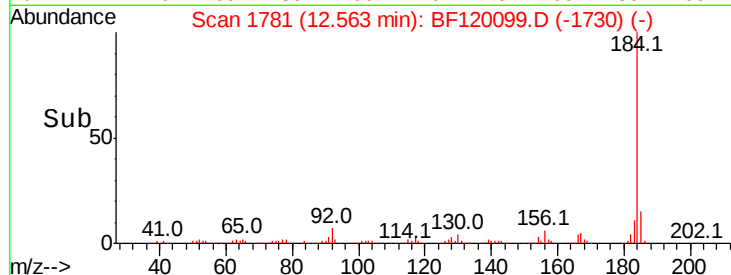
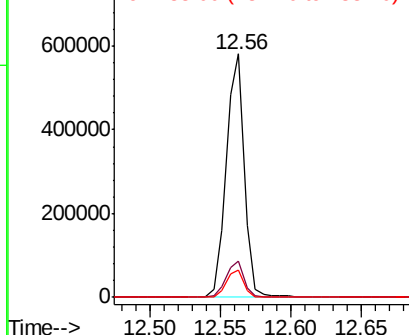
Tot Ion:	184	Resp:	517364
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.2	19.8
183	11.2	9.1	13.7

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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: 44.067 ng

RT: 12.67 min Scan# 1799

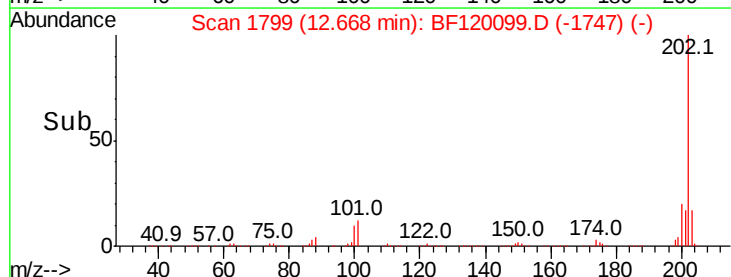
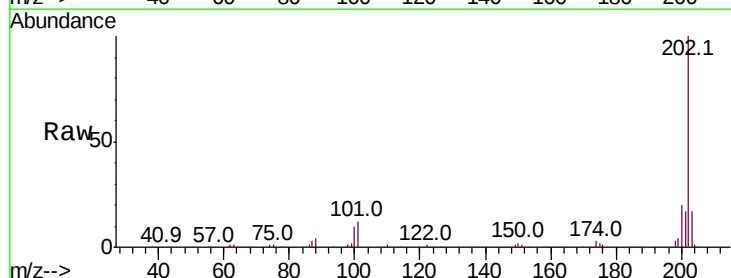
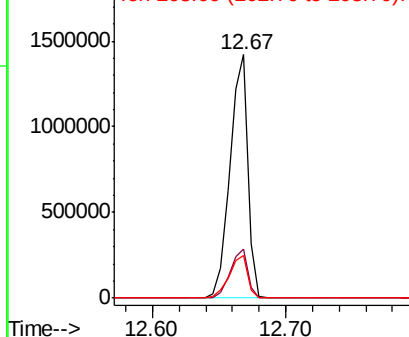
Delta R.T. 0.01 min

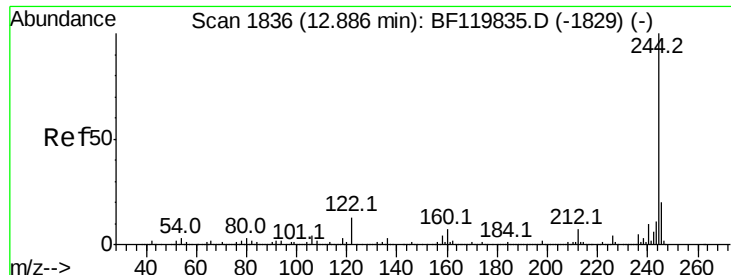
Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:	202	Resp:	1341567
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.2	24.2
203	17.3	14.1	21.1

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





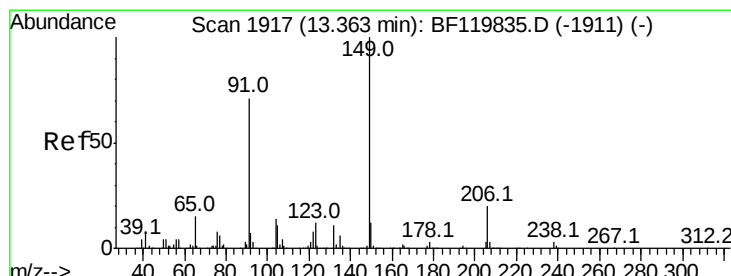
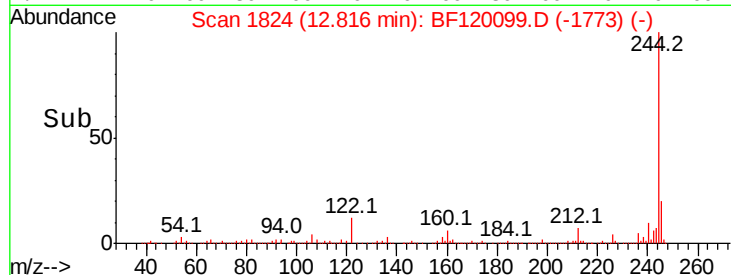
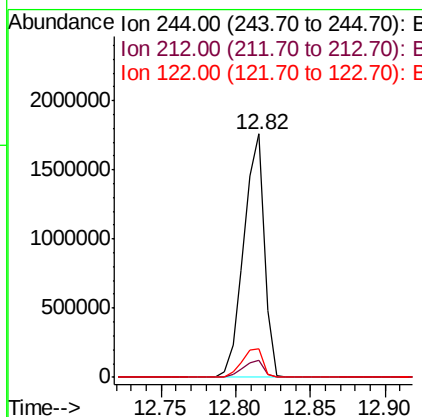
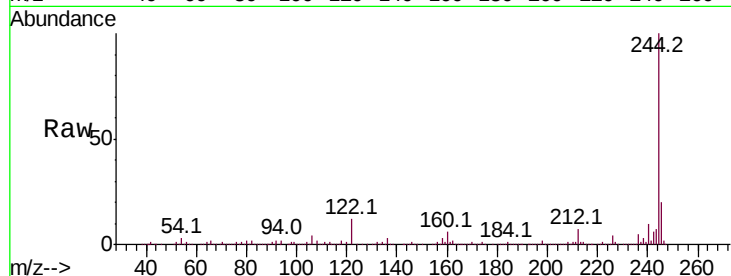
#79
 Terphenyl-d14
 Concen: 78.605 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	10.3	15.5

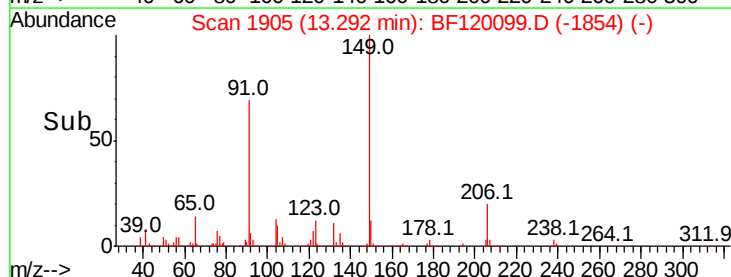
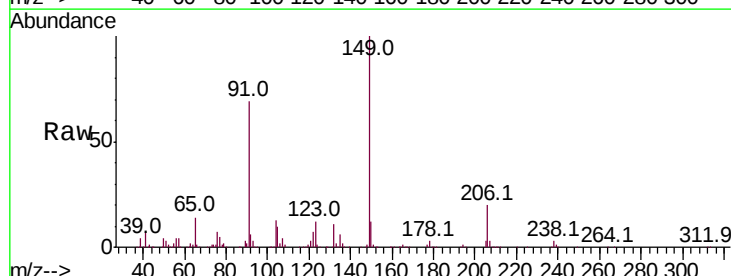
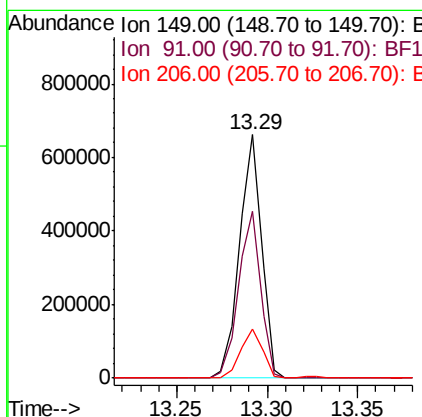
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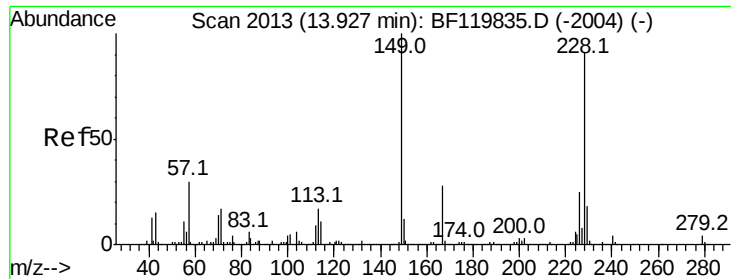
mohammad
 4/24/2020 4:16:53 AM



#80
 Butylbenzylphthalate
 Concen: 37.986 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	56.7	85.1
206	20.2	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.243 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

ClientSampleId :

PB128301BS

Tot Ion:228 Resp: 1098604

Ion Ratio Lower Upper

228 100

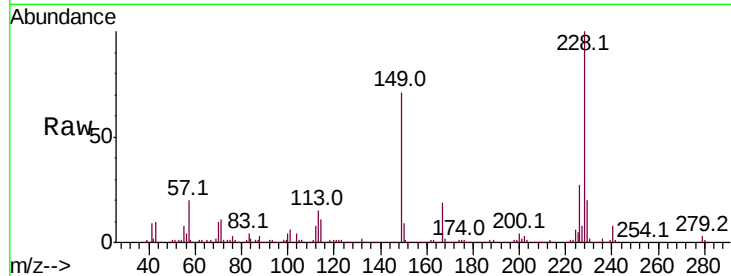
226 27.1 21.9 32.9

229 19.9 15.9 23.9

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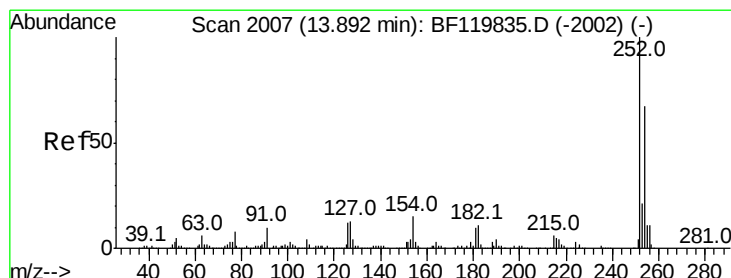
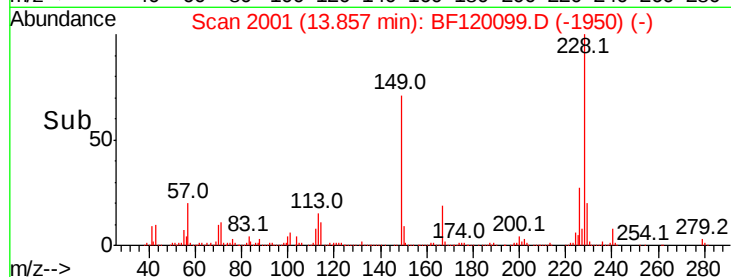
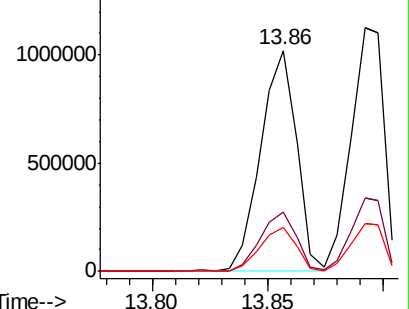
4/24/2020 4:16:53 AM



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: 24.343 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

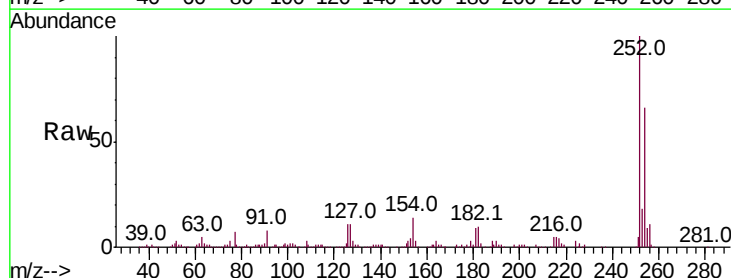
Tgt Ion:252 Resp: 215783

Ion Ratio Lower Upper

252 100

254 66.5 53.9 80.9

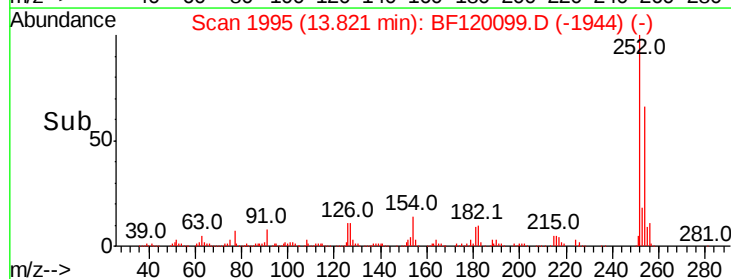
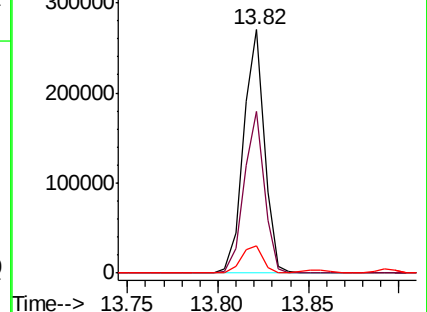
126 11.1 9.7 14.5

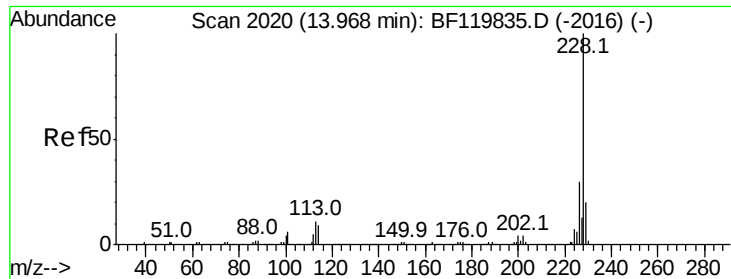


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





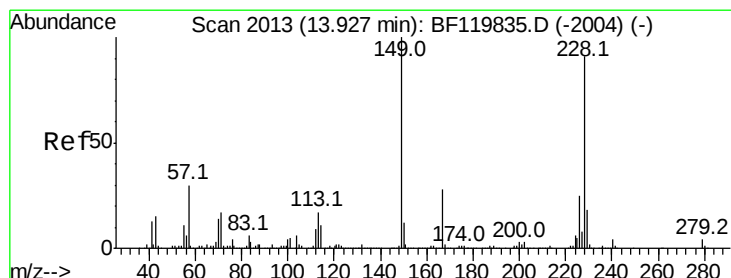
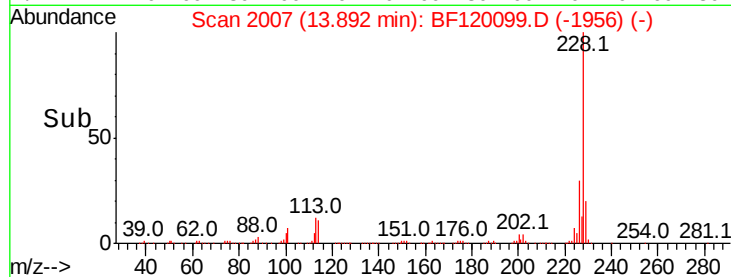
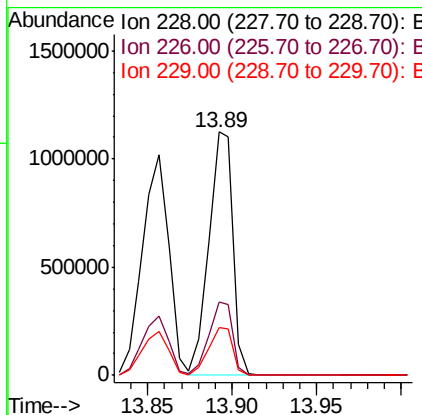
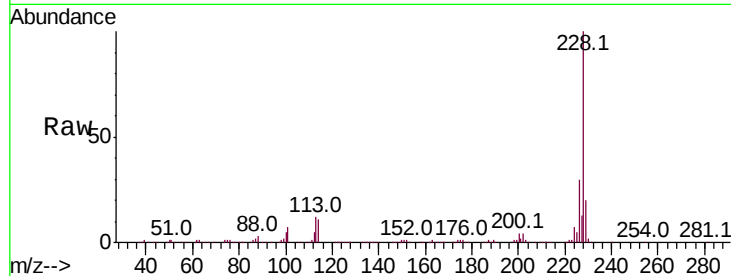
#83
 Chrvsene
 Concen: 46.375 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.6	15.9	23.9

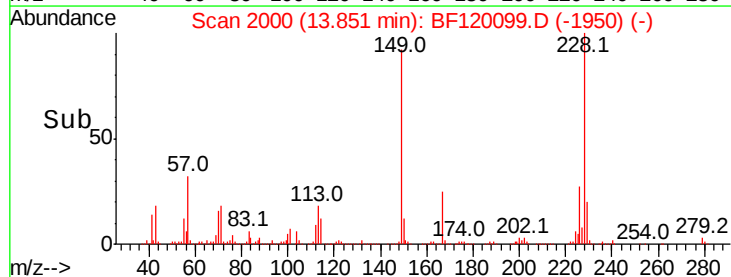
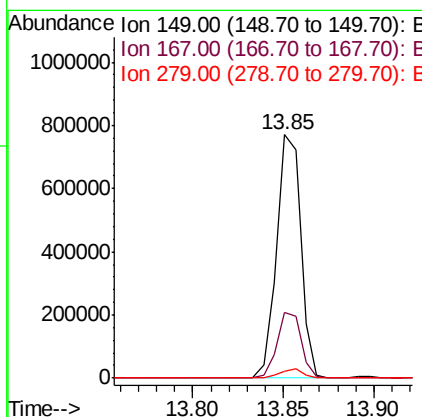
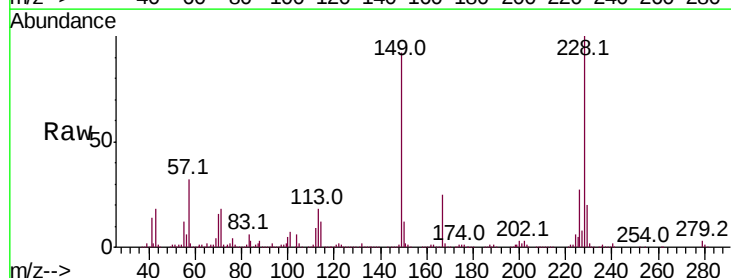
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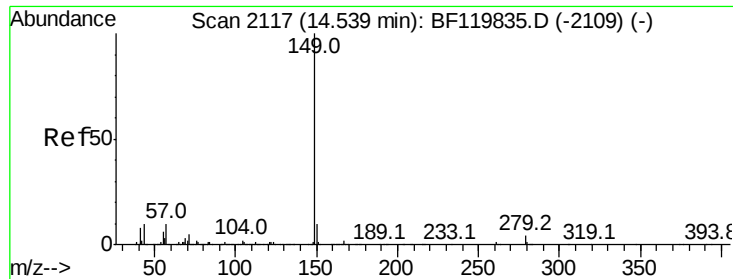
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.745 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF120099.D
 Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.0	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 37.179 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Instrument :

BNA_F

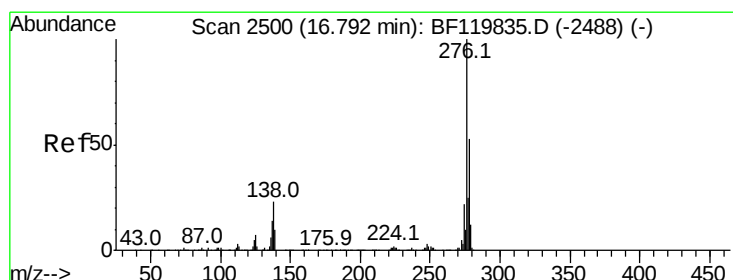
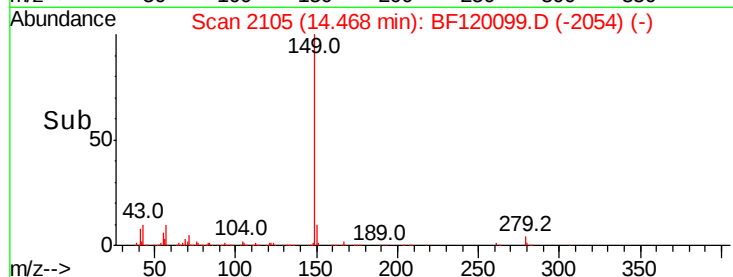
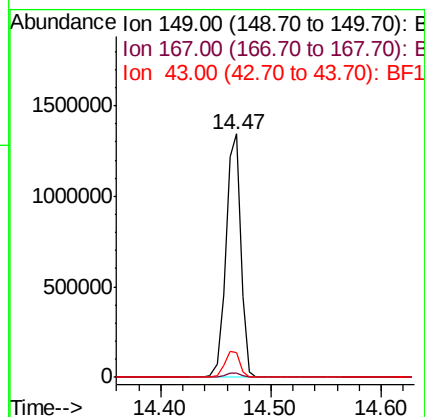
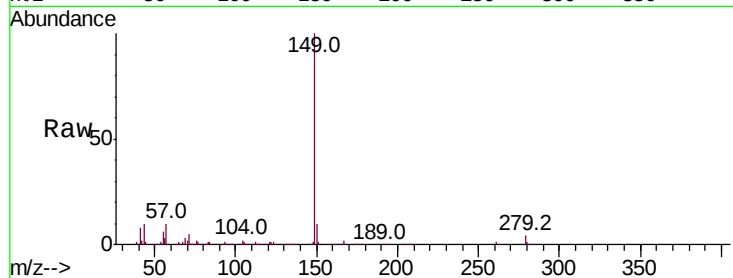
ClientSampleId :

PB128301BS

Tot Ion:	149	Resp:	1266356
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.0	9.2	13.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.257 ng

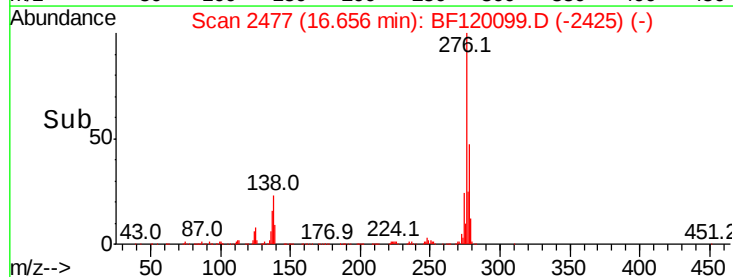
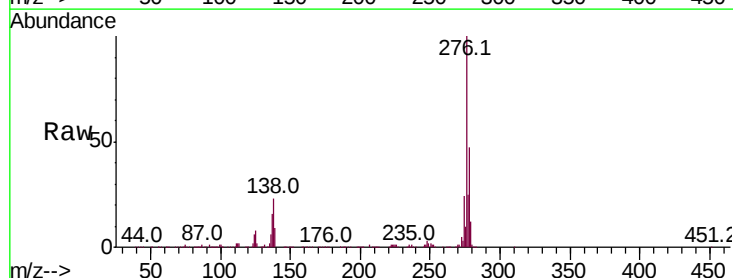
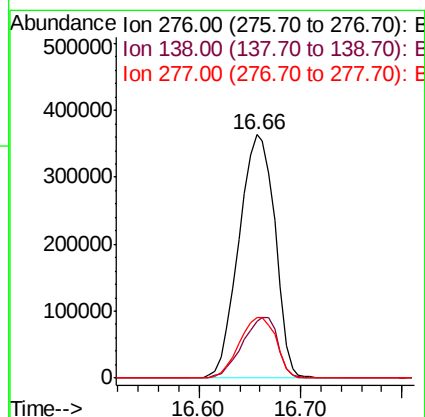
RT: 16.66 min Scan# 2477

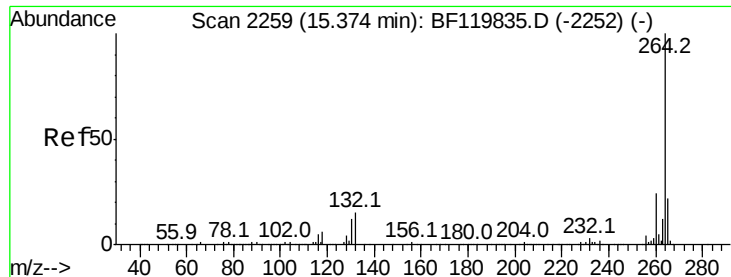
Delta R.T. 0.01 min

Lab File: BF120099.D

Acq: 21 Apr 2020 13:29

Tgt Ion:	276	Resp:	899182
Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.0	27.0
277	25.4	20.1	30.1





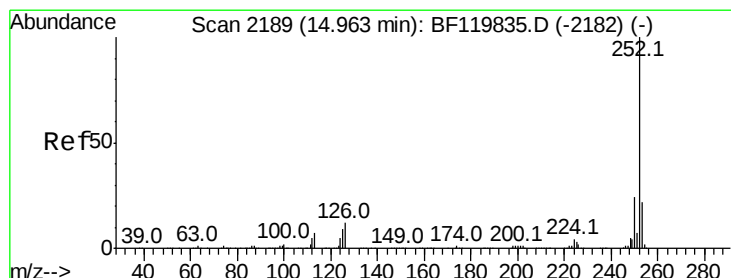
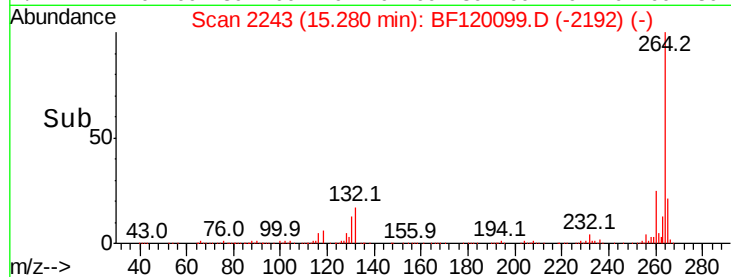
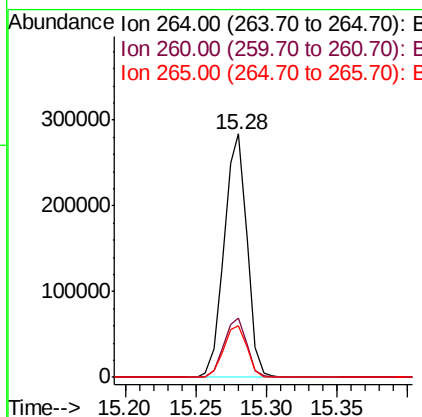
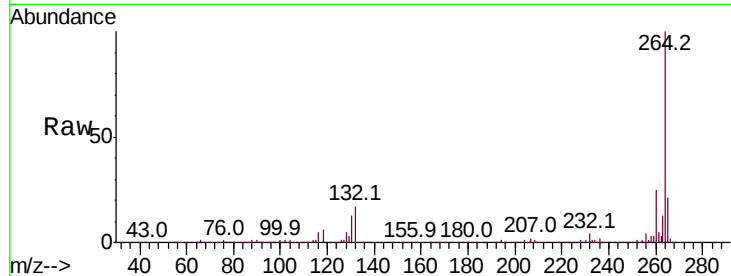
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.2	17.6	26.4

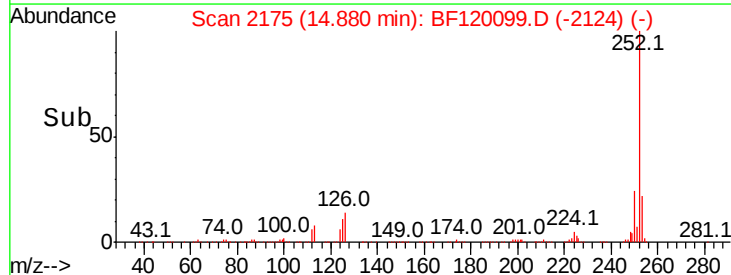
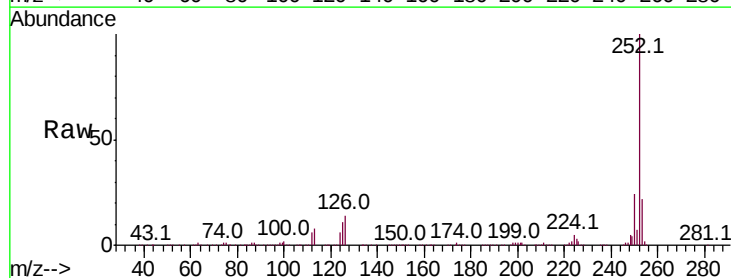
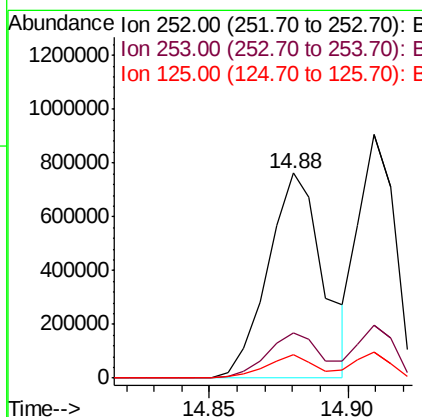
Manual Integrations
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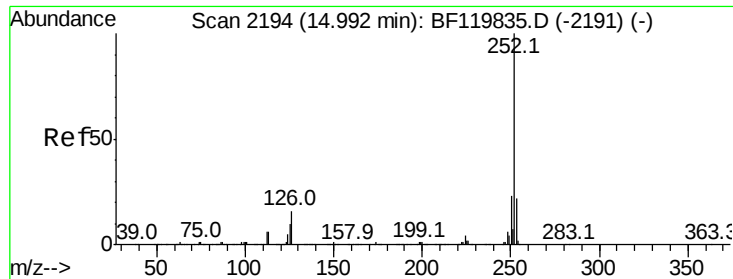
mohammad
4/24/2020 4:16:53 AM



#88
Benzo(b)fluoranthene
Concen: 46.102 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.3	7.4	11.2#





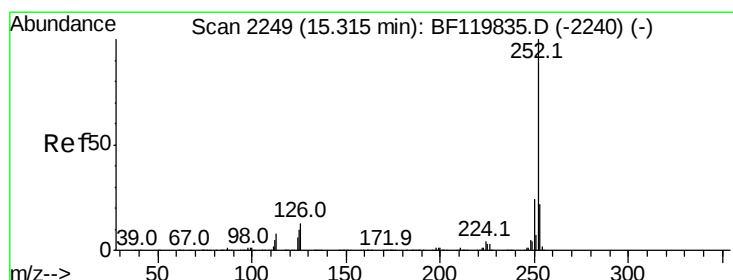
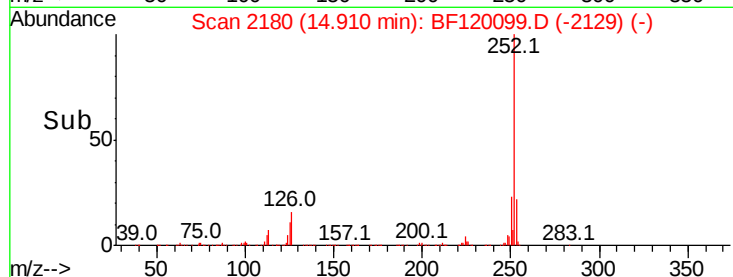
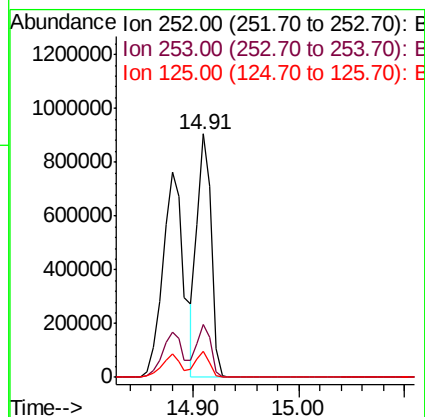
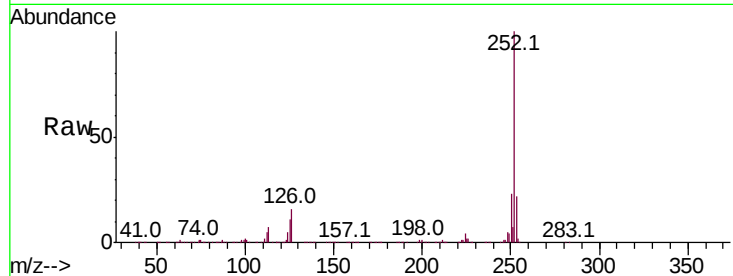
#89
Benzo(k)fluoranthene
Concen: 41.461 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.9	7.7	11.5

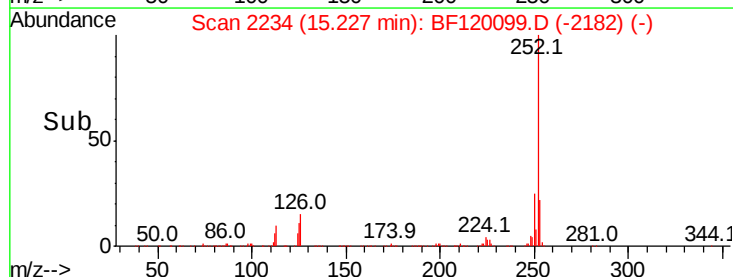
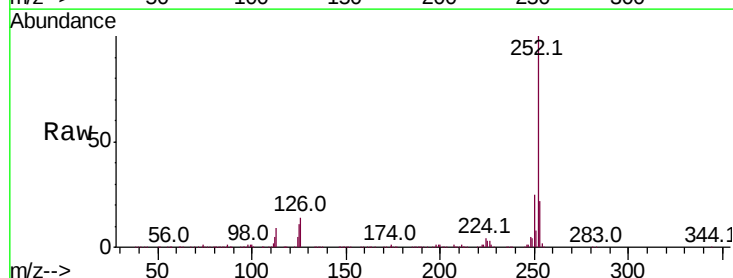
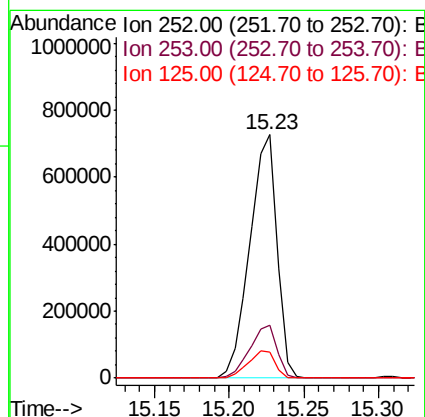
Manual Integrations
APPROVED

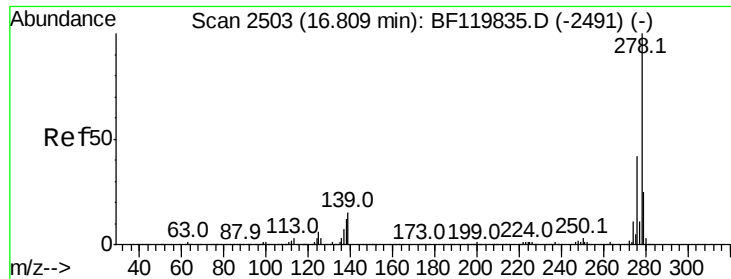
mohammad
4/24/2020 4:16:53 AM



#90
Benzo(a)pyrene
Concen: 47.397 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.5	8.3	12.5





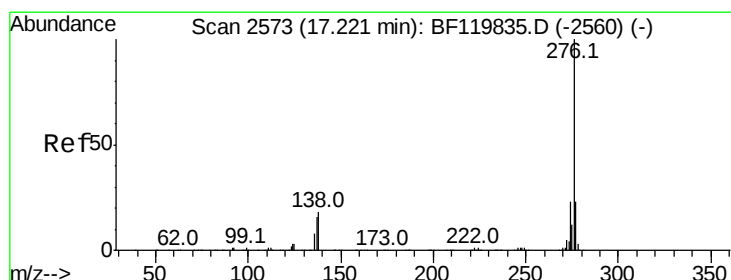
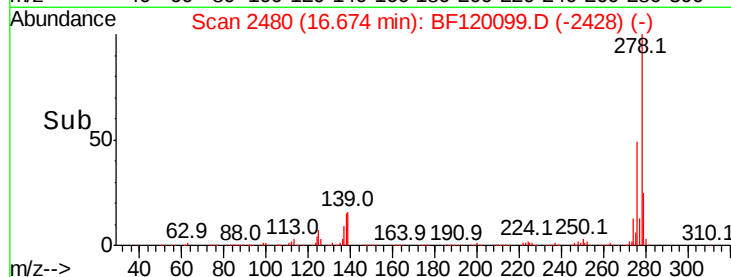
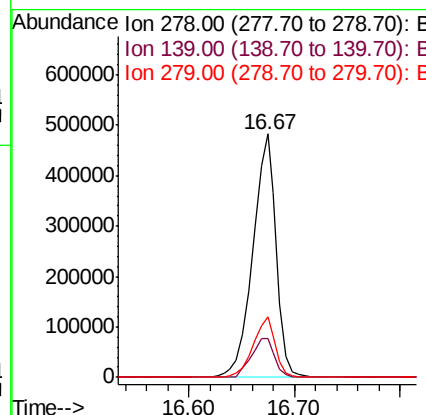
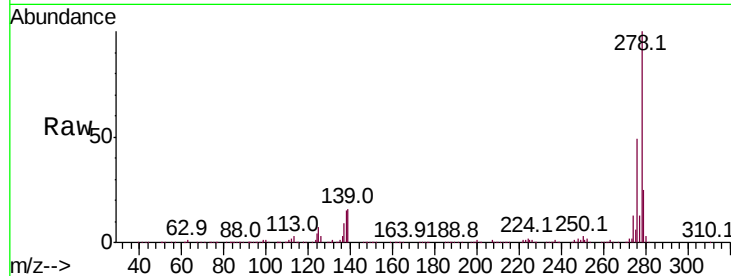
#91
Dibenzo(a,h)anthracene
Concen: 43.524 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Instrument :
BNA_F
ClientSampleId :
PB128301BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.6	17.4
279	25.1	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/24/2020 4:16:53 AM



#92
Benzo(g,h,i)perylene
Concen: 43.153 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF120099.D
Acq: 21 Apr 2020 13:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	20.4	14.6	22.0

