

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120100.D
 Acq On : 21 Apr 2020 13:57
 Operator : MA/SJ
 Sample : PB128341BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:16:57 AM

Quant Time: Apr 21 14:32:21 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	117049	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	446581	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	232920	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	458932	20.00	ng	0.00
76) Chrysene-d12	13.87	240	348323	20.00	ng	0.00
87) Perylene-d12	15.28	264	303463	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	993655	146.71	ng	0.01
7) Phenol-d6	6.34	99	1255957	143.91	ng	0.00
23) Nitrobenzene-d5	7.26	82	759136	87.94	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	335239	117.56	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1483133	90.41	ng	0.00
79) Terphenyl-d14	12.82	244	1649517	79.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	134291	44.516	ng	95
3) Pyridine	3.07	79	372821	45.045	ng	97
4) n-Nitrosodimethylamine	3.02	42	212495	50.249	ng	99
6) Aniline	6.36	93	359454	31.381	ng	# 64
8) 2-Chlorophenol	6.48	128	391126	51.684	ng	99
9) Benzaldehyde	6.24	77	160565	31.117	ng	97
10) Phenol	6.35	94	496214	50.117	ng	88
11) bis(2-Chloroethyl)ether	6.43	93	365452	47.804	ng	99
12) 1,3-Dichlorobenzene	6.63	146	401254	48.432	ng	98
13) 1,4-Dichlorobenzene	6.71	146	401360	47.557	ng	98
14) 1,2-Dichlorobenzene	6.86	146	377676	48.558	ng	97
15) Benzyl Alcohol	6.84	79	333771	49.240	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650220	43.709	ng	98
17) 2-Methylphenol	6.96	107	318895	47.220	ng	96
18) Hexachloroethane	7.20	117	151377	47.994	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	269428	48.009	ng	99
20) 3+4-Methylphenols	7.12	107	402100	48.682	ng	# 80
22) Acetophenone	7.11	105	525398	50.241	ng	99
24) Nitrobenzene	7.28	77	410628	47.287	ng	99
25) Isophorone	7.52	82	732794	44.037	ng	100
26) 2-Nitrophenol	7.60	139	215055	49.570	ng	94
27) 2,4-Dimethylphenol	7.65	122	333042	50.899	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	463051	47.289	ng	99
29) 2,4-Dichlorophenol	7.85	162	321095	47.875	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	342932	45.126	ng	98
31) Naphthalene	8.00	128	1126180	47.931	ng	99
32) Benzoic acid	7.78	122	244781	42.596	ng	96
33) 4-Chloroaniline	8.05	127	160074	15.649	ng	96
34) Hexachlorobutadiene	8.12	225	198866	43.715	ng	99
35) Caprolactam	8.43	113	102062m	49.747	ng	
36) 4-Chloro-3-methylphenol	8.55	107	353806	48.725	ng	94
37) 2-Methylnaphthalene	8.70	142	764677	48.004	ng	98
38) 1-Methylnaphthalene	8.79	142	715845	47.678	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	331096	45.007	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
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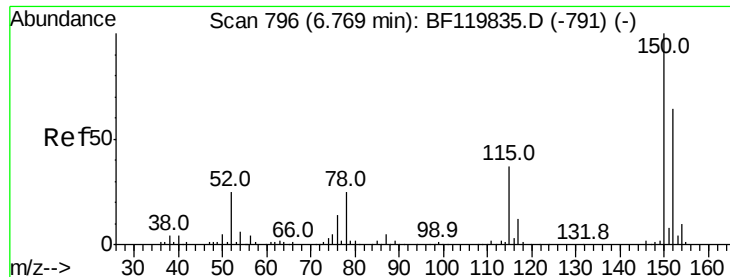
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	345326	82.550	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	236141	46.484	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	244564	42.743	nq	96
46) 1,1'-Biphenyl	9.16	154	908482	46.210	nq	99
47) 2-Chloronaphthalene	9.19	162	708548	46.785	nq	98
48) 2-Nitroaniline	9.29	65	256115	46.666	nq	97
49) Acenaphthylene	9.60	152	1130071	49.064	nq	100
50) Dimethylphthalate	9.47	163	815312	45.255	nq	100
51) 2,6-Dinitrotoluene	9.53	165	185543	47.030	nq	98
52) Acenaphthene	9.77	154	672356	43.761	nq	99
53) 3-Nitroaniline	9.69	138	106719	23.685	nq	98
54) 2,4-Dinitrophenol	9.81	184	215257	91.133	nq	97
55) Dibenzofuran	9.95	168	1011848	47.992	nq	99
56) 4-Nitrophenol	9.87	139	311781	92.998	nq	95
57) 2,4-Dinitrotoluene	9.93	165	247070	47.533	nq	91
58) Fluorene	10.29	166	799861	47.437	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.07	232	206013	47.078	nq	99
60) Diethylphthalate	10.17	149	827379	44.310	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	375584	43.460	nq	98
62) 4-Nitroaniline	10.32	138	203403	47.368	nq	99
63) Azobenzene	10.44	77	798213	47.700	nq	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	143784	47.556	nq	85
66) n-Nitrosodiphenylamine	10.40	169	714277	46.799	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	226718	39.724	nq	93
68) Hexachlorobenzene	10.83	284	250608	43.284	nq	96
69) Atrazine	10.93	200	211807	49.877	nq	98
70) Pentachlorophenol	11.03	266	257941	77.308	nq	99
71) Phenanthrene	11.25	178	1167649	47.806	nq	99
72) Anthracene	11.30	178	1205775	48.325	nq	99
73) Carbazole	11.46	167	1122417	47.568	nq	99
74) Di-n-butylphthalate	11.79	149	1298828	41.872	nq	100
75) Fluoranthene	12.44	202	1280926	48.604	nq	98
77) Benzidine	12.56	184	519756	44.143	nq	97
78) Pyrene	12.66	202	1299130	44.242	nq	100
80) Butylbenzylphthalate	13.29	149	551879	38.732	nq	97
81) Benzo(a)anthracene	13.86	228	1082377	47.235	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	218486	25.554	nq	95
83) Chrysene	13.89	228	1094858	47.023	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708668	36.727	nq	98
85) Di-n-octyl phthalate	14.47	149	1248829	38.012	nq	99
86) Indeno(1,2,3-cd)pyrene	16.66	276	879686	42.861	nq	98
88) Benzo(b)fluoranthene	14.88	252	987050	45.214	nq	98
89) Benzo(k)fluoranthene	14.91	252	976662	51.852	nq	98
90) Benzo(a)pyrene	15.23	252	836602	45.579	nq	99
91) Dibenzo(a,h)anthracene	16.67	278	732350	45.044	nq	97
92) Benzo(g,h,i)perylene	17.07	276	689636	42.971	nq	98

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



#1

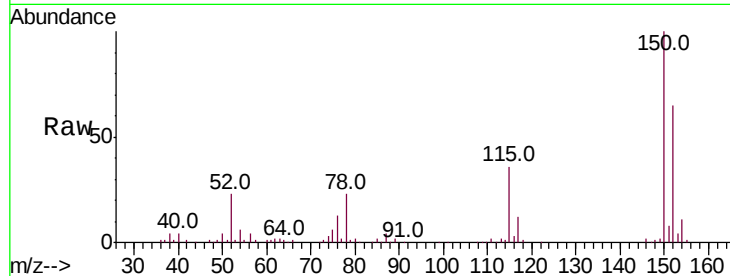
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	56.1	46.5	69.7

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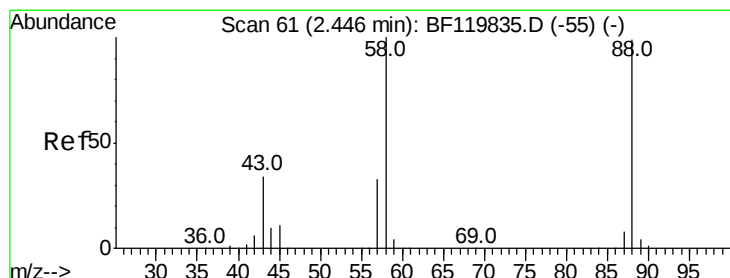
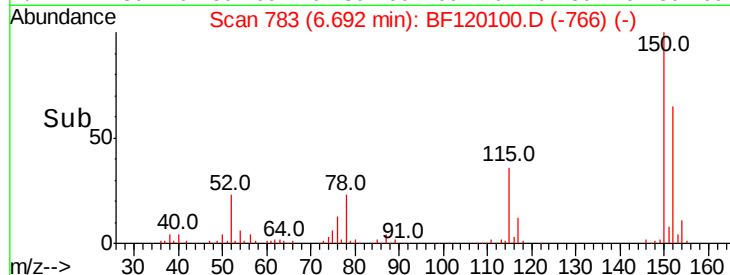
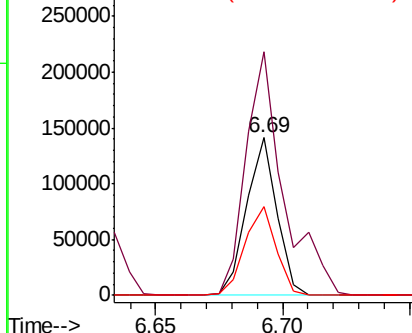


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

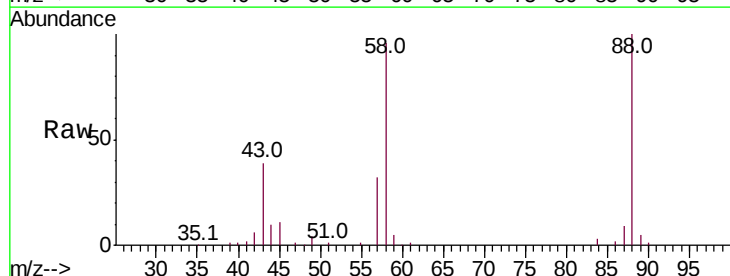
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.516 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	82.6	123.8
43	38.9	28.6	42.8

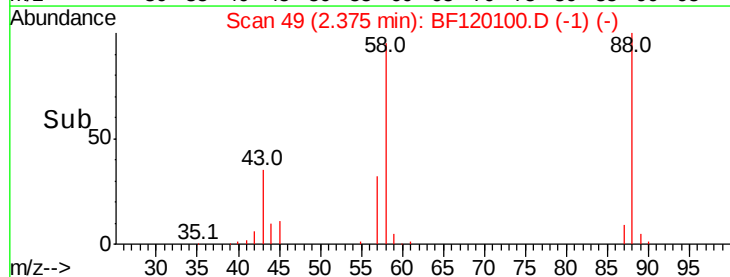
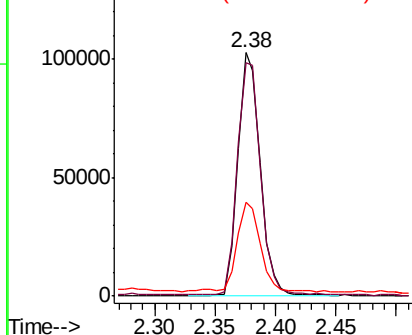


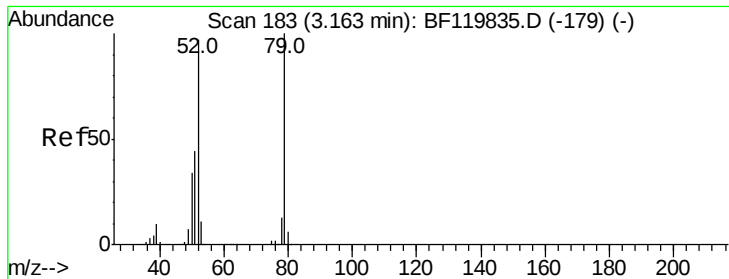
Abundance

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





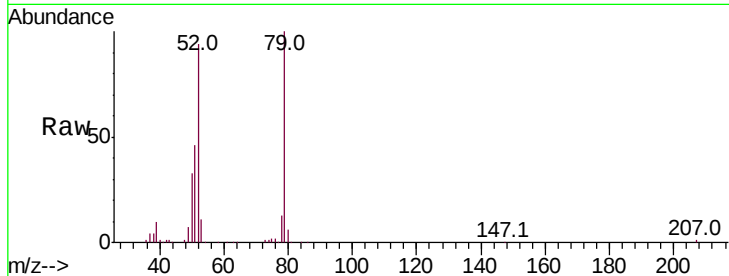
#3
 Pvrindine
 Concen: 45.045 ng
 RT: 3.07 min Scan# 167
 Delta R.T. 0.08 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

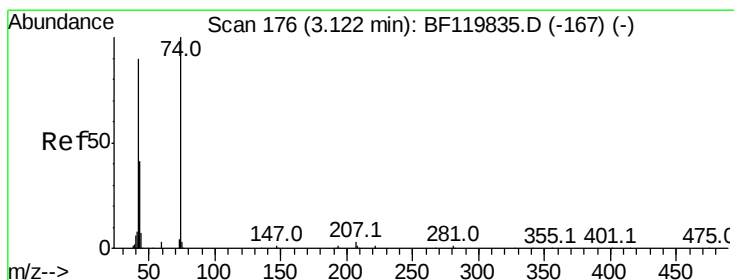
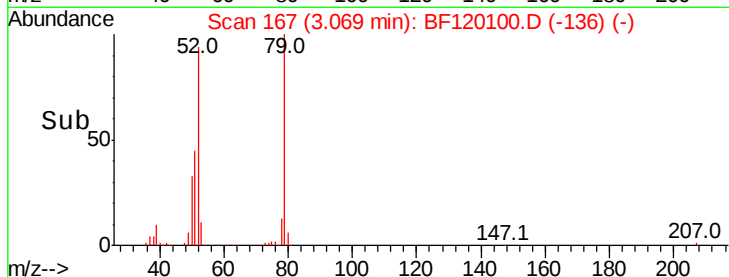
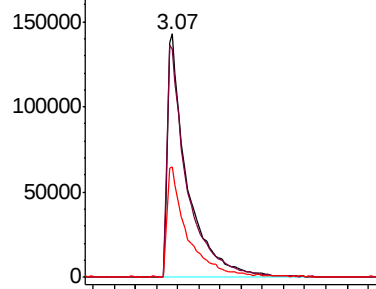
Tot Ion	Ratio	Lower	Upper
79	100		
52	94.0	77.4	116.0
51	45.6	35.3	52.9

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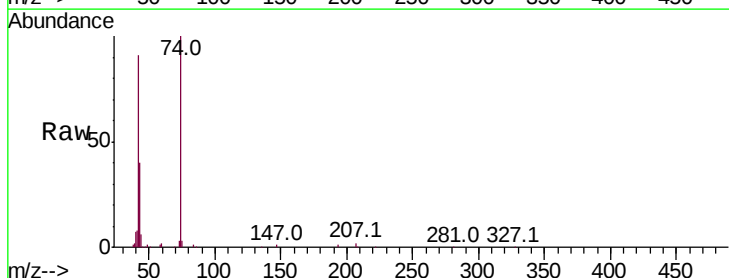


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

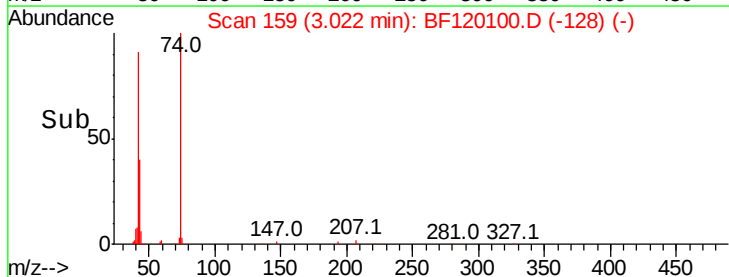
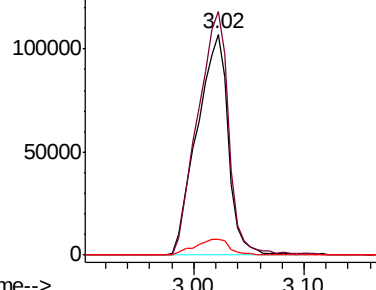


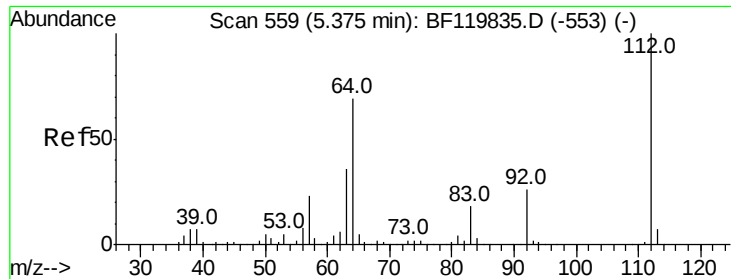
#4
 n-Nitrosodimethylamine
 Concen: 50.249 ng
 RT: 3.02 min Scan# 159
 Delta R.T. 0.08 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.4	89.0	133.4
44	7.0	6.2	9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 146.709 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

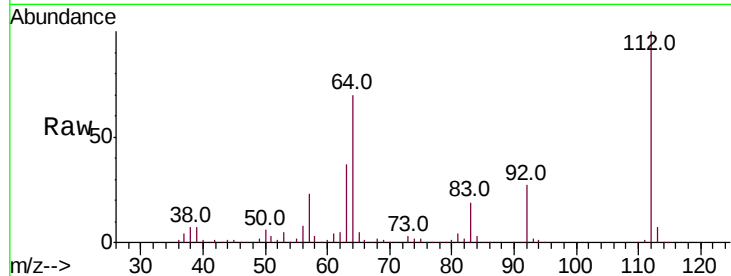
ClientSampleId :

PB128341BS

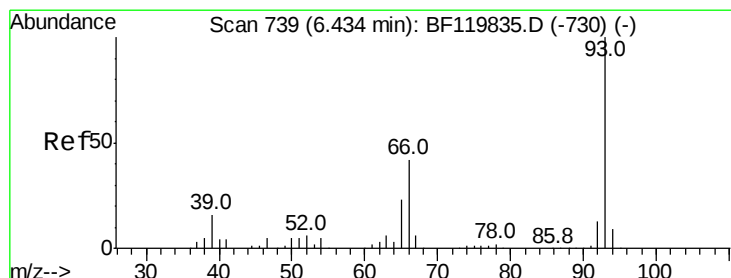
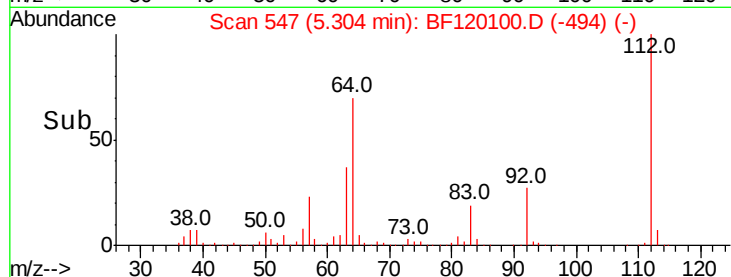
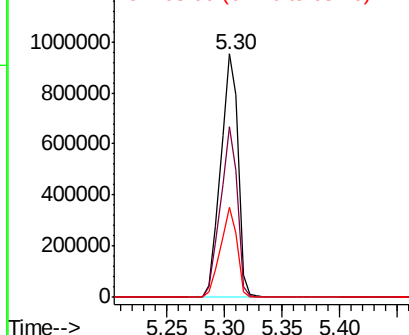
Tot Ion:	112	Resp:	993655
Ion Ratio	Lower	Upper	
112	100		
64	69.9	55.5	83.3
63	37.1	29.1	43.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.381 ng

RT: 6.36 min Scan# 726

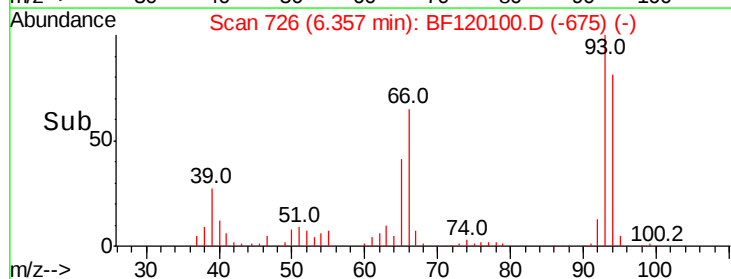
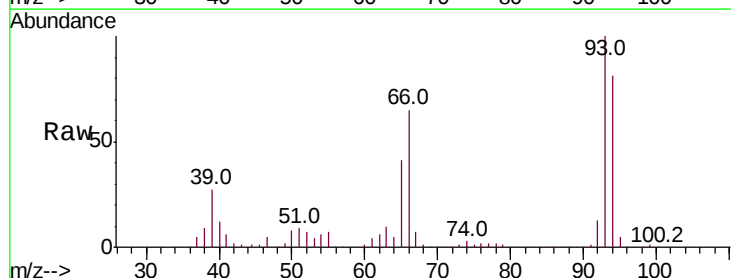
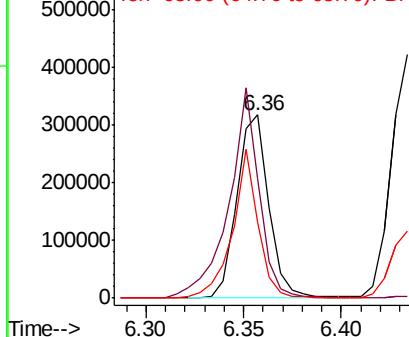
Delta R.T. 0.00 min

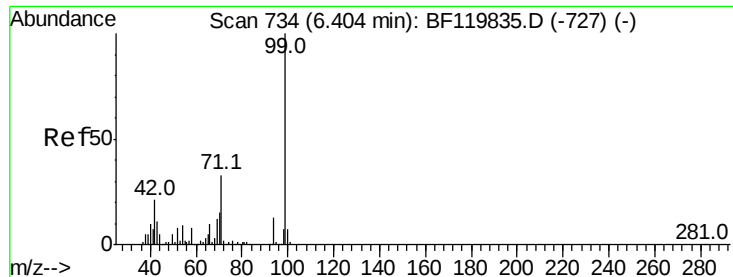
Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:	93	Resp:	359454
Ion Ratio	Lower	Upper	
93	100		
66	65.4	34.2	51.2#
65	41.2	18.3	27.5#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.912 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampled :

PB128341BS

Tot Ion: 99 Resp: 1255957

Ion Ratio Lower Upper

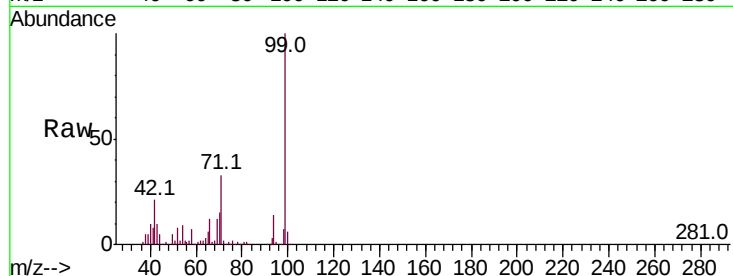
99 100

42 20.7 16.9 25.3

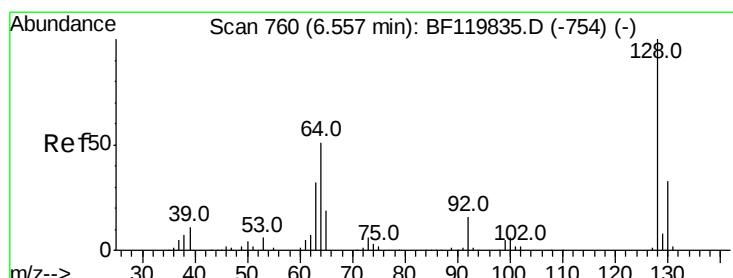
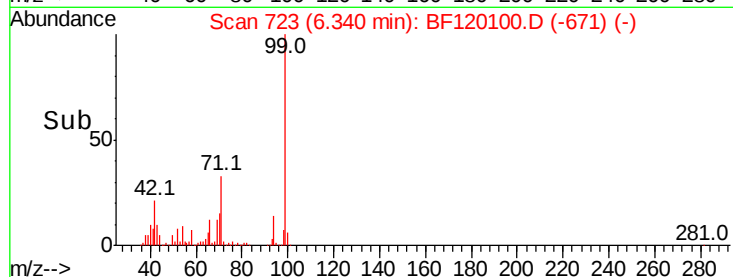
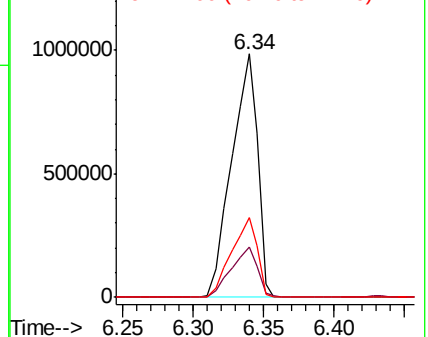
71 32.5 26.3 39.5

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



#8

2-Chlorophenol

Concen: 51.684 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

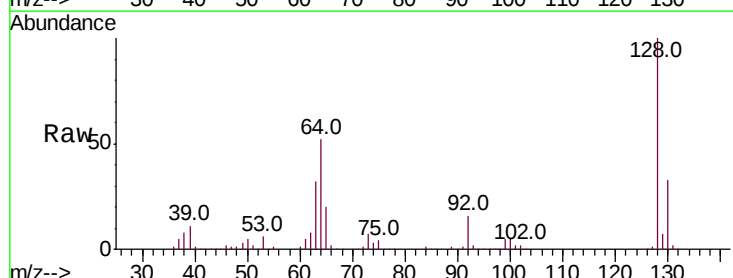
Tgt Ion: 128 Resp: 391126

Ion Ratio Lower Upper

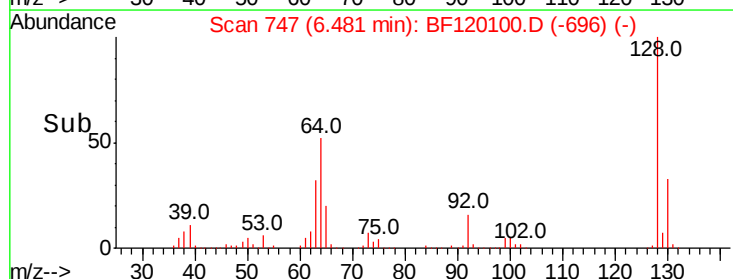
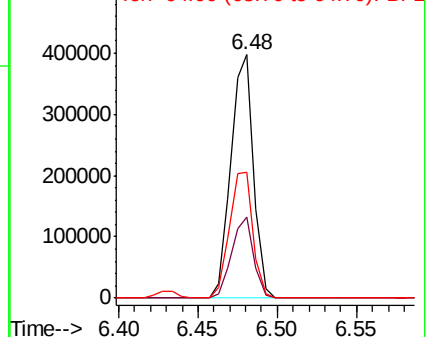
128 100

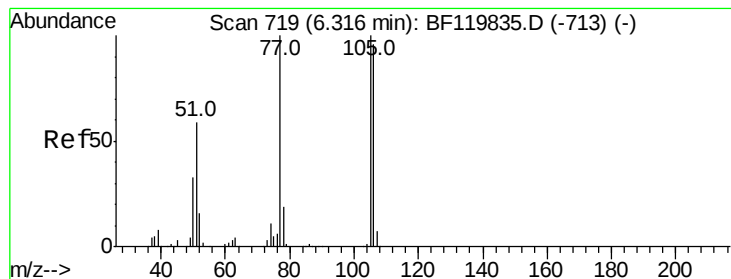
130 33.1 12.6 52.6

64 51.6 32.0 72.0



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





#9

Benzaldehyde

Concen: 31.117 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

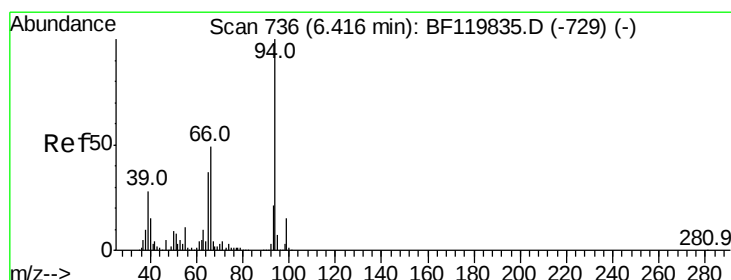
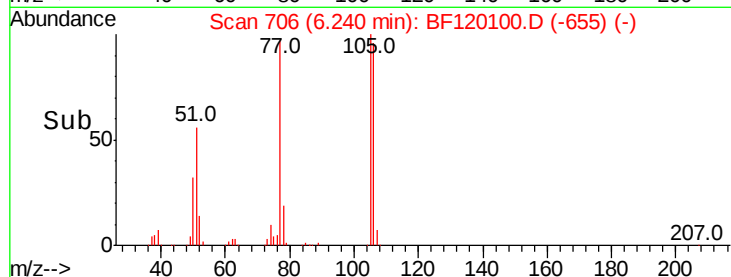
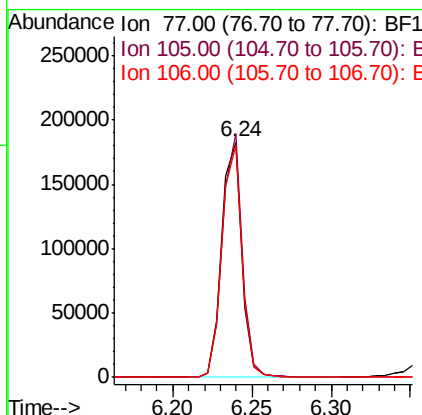
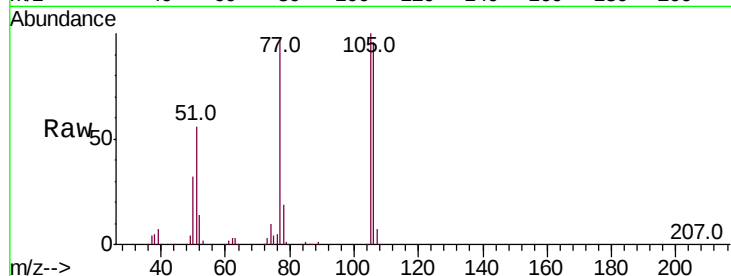
ClientSampleID :

PB128341BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	79.9	119.9
106	98.9	76.4	116.4

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#10

Phenol

Concen: 50.117 ng

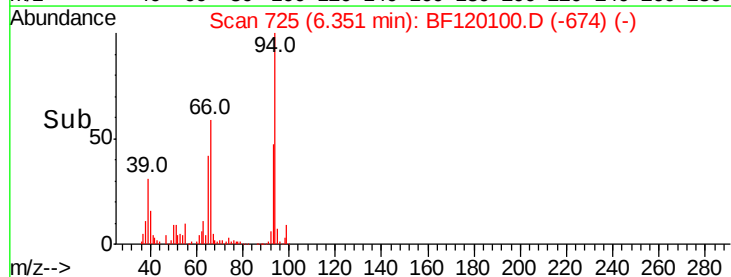
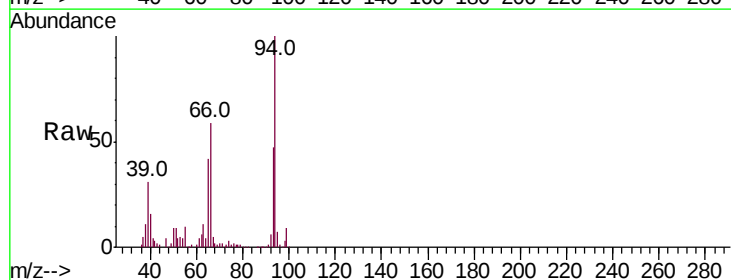
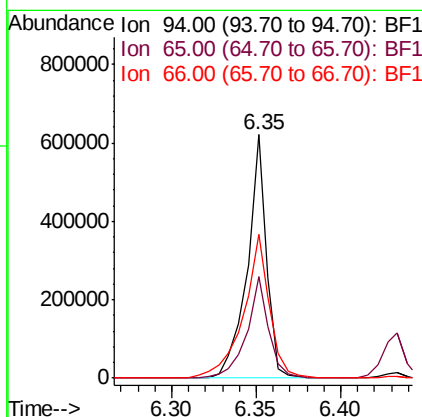
RT: 6.35 min Scan# 725

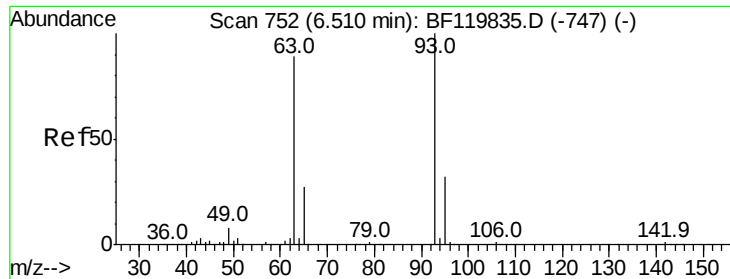
Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.5	16.6	56.6
66	58.9	29.3	69.3





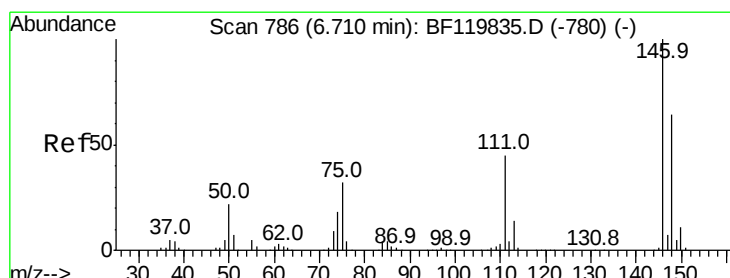
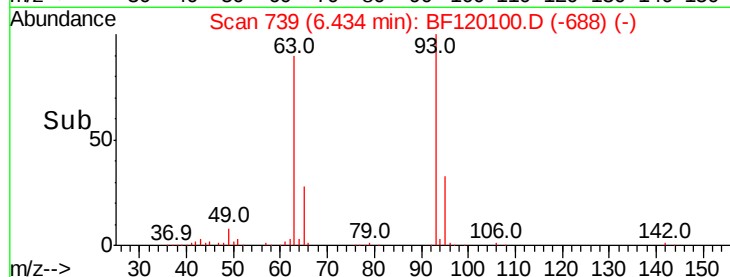
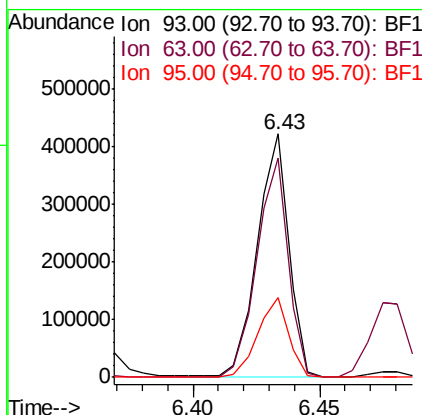
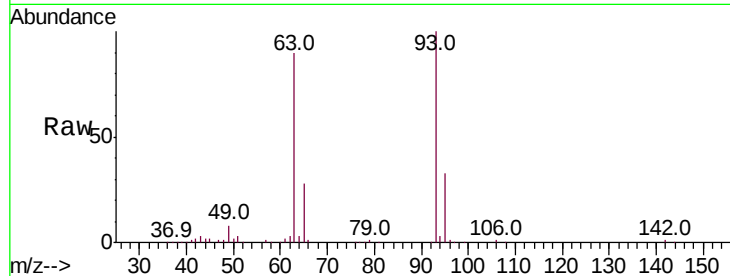
#11
bis(2-Chloroethyl)ether
Concen: 47.804 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	93	Ratio	100	Resp	Lower	Upper
93	100					
63	90.1			69.1	109.1	
95	32.7			12.3	52.3	

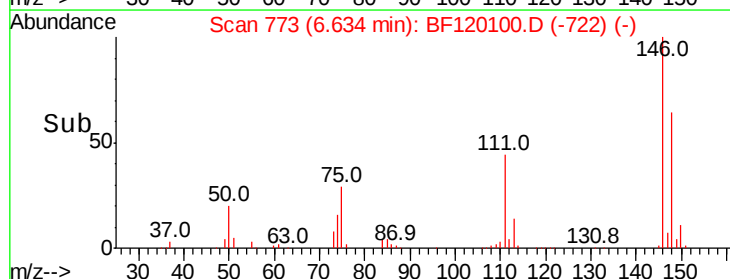
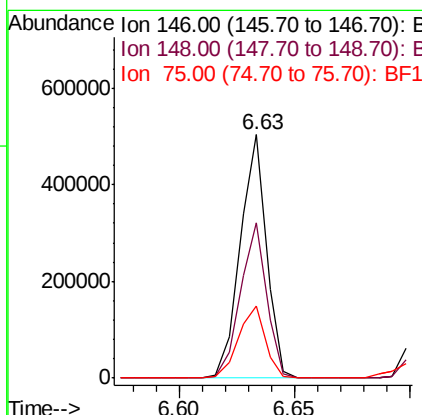
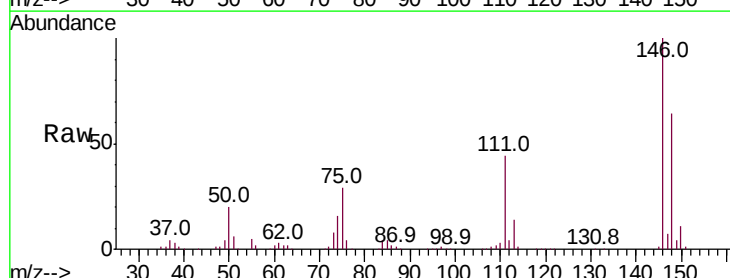
Manual Integrations
APPROVED

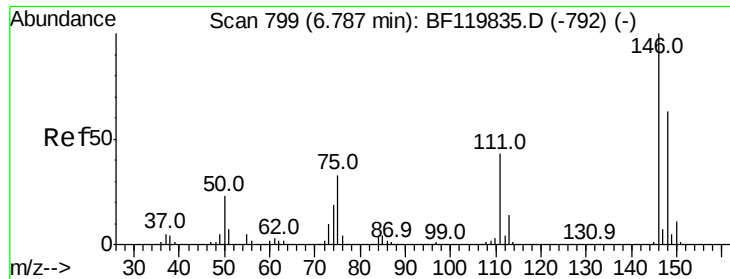
mohammad
4/24/2020 4:16:57 AM



#12
1,3-Dichlorobenzene
Concen: 48.432 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	146	Ratio	100	Resp	Lower	Upper
146	100					
148	63.6			51.3	76.9	
75	29.4			25.3	37.9	





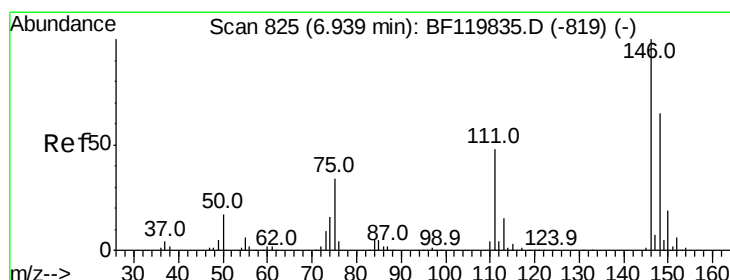
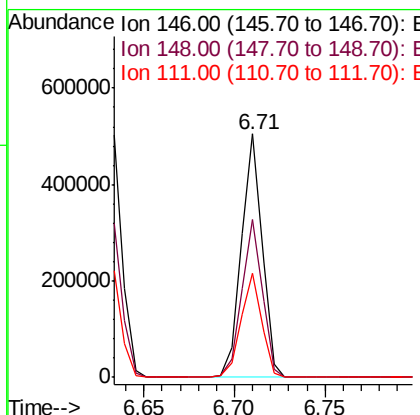
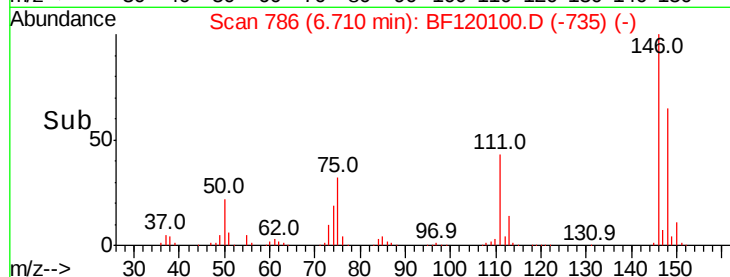
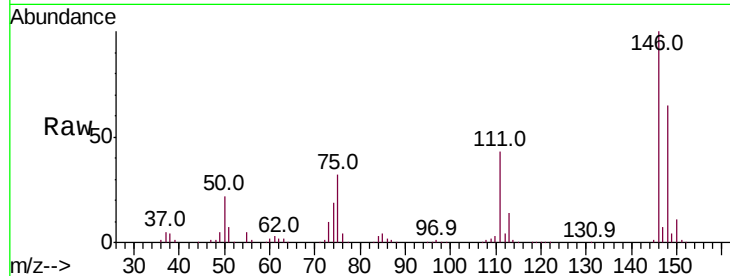
#13
 1,4-Dichlorobenzene
 Concen: 47.557 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	42.5	34.7	52.1

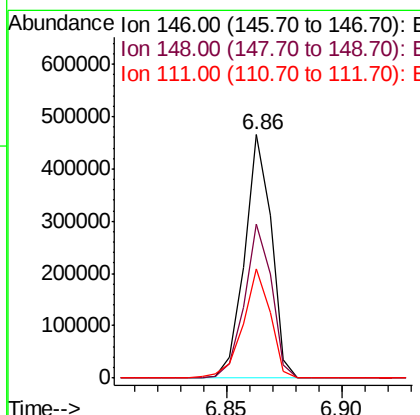
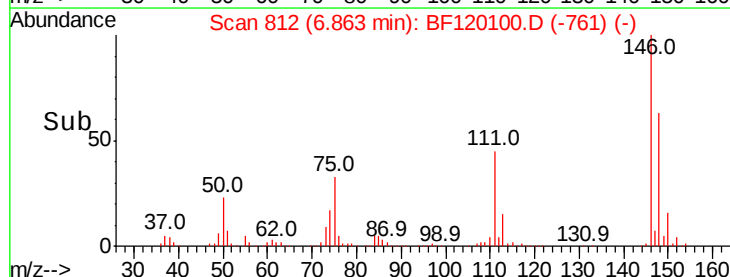
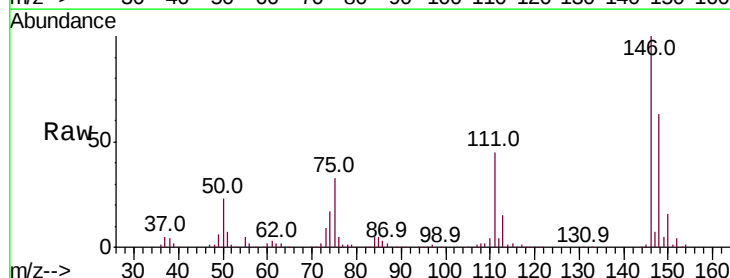
Manual Integrations
 APPROVED

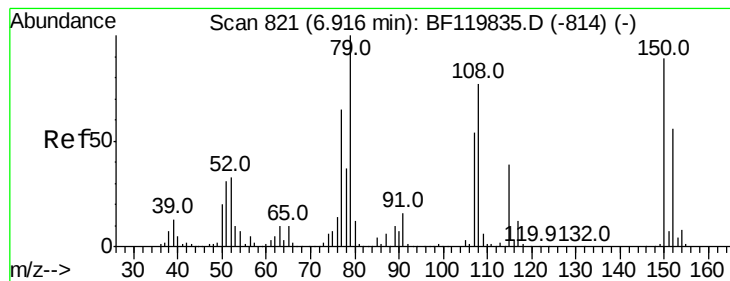
mohammad
 4/24/2020 4:16:57 AM



#14
 1,2-Dichlorobenzene
 Concen: 48.558 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
111	45.0	38.0	57.0





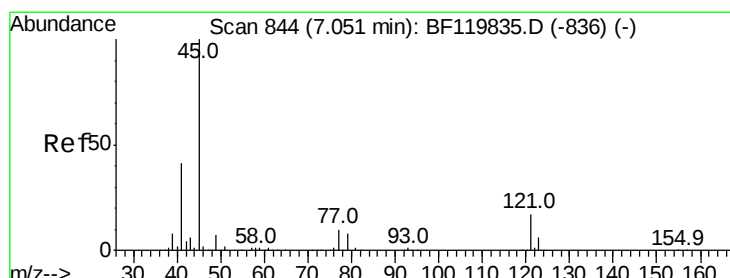
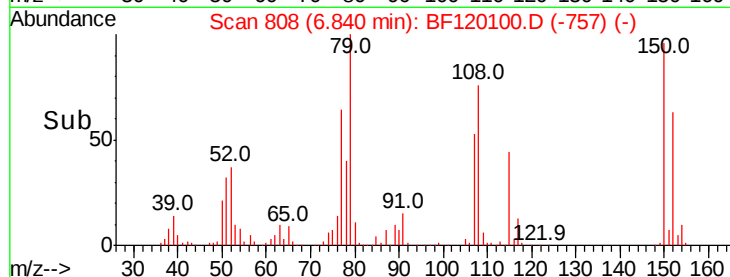
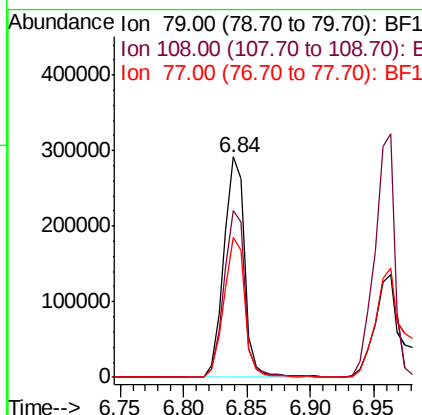
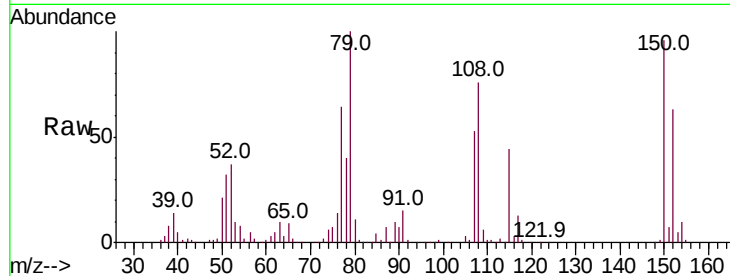
#15
Benzyl Alcohol
Concen: 49.240 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	62.0	93.0
77	63.7	51.8	77.6

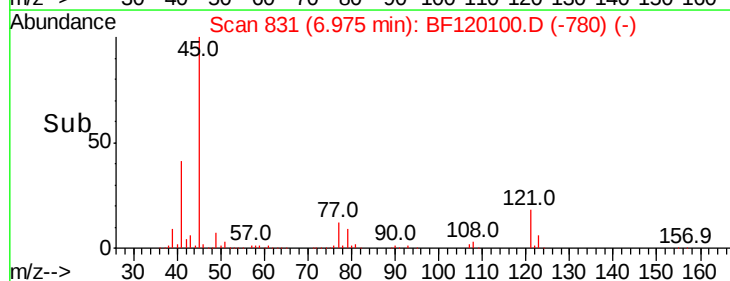
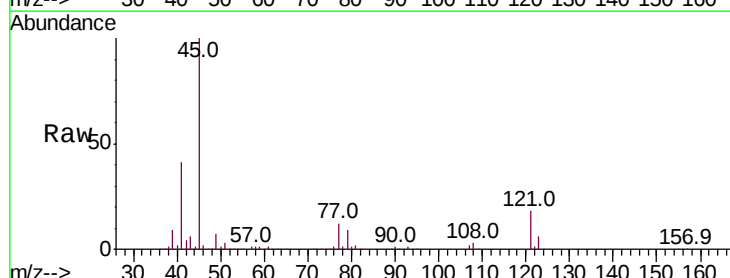
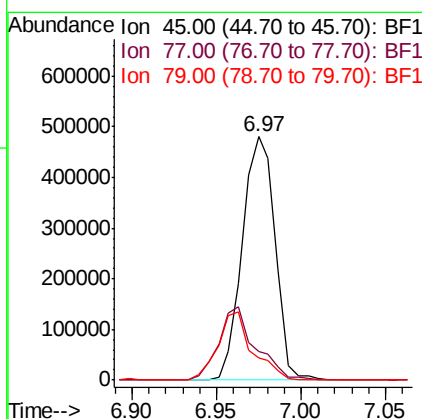
Manual Integrations
APPROVED

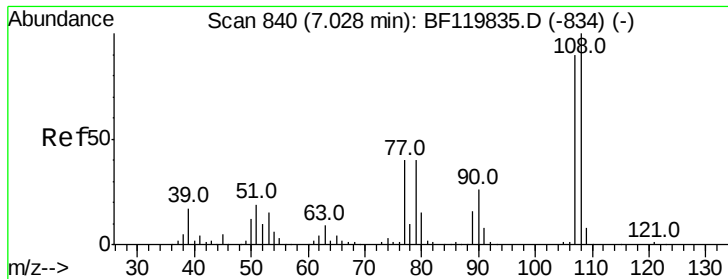
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.709 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.7
79	9.1	0.0	28.6





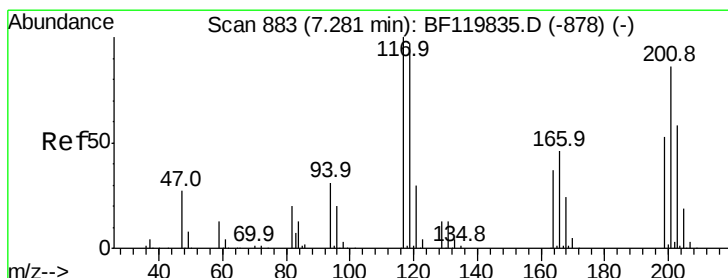
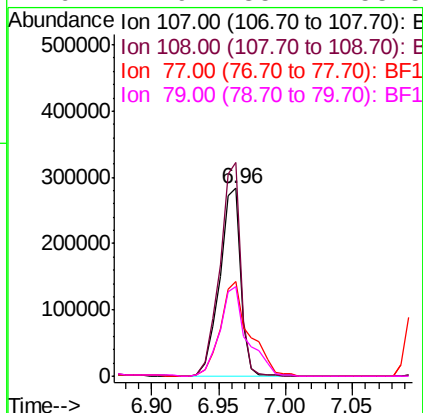
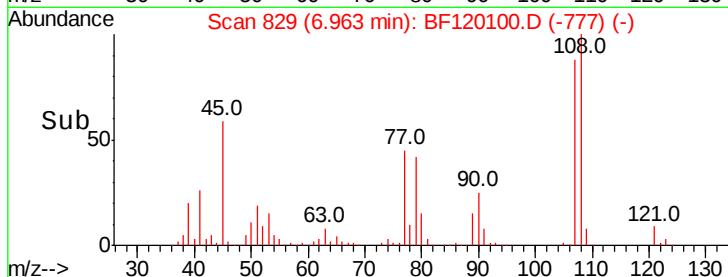
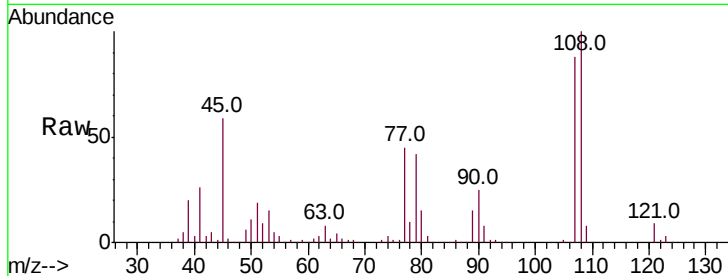
#17
2-Methylphenol
Concen: 47.220 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleID :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	318895		
108	113.7	88.8	133.2	
77	50.7	36.0	54.0	
79	47.9	35.7	53.5	

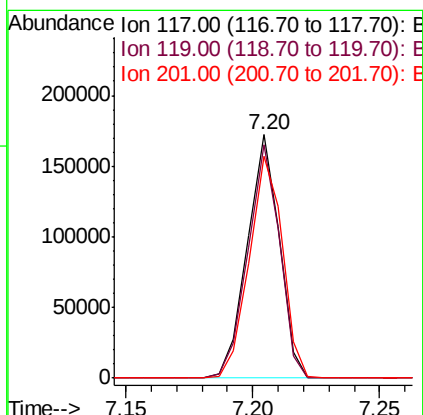
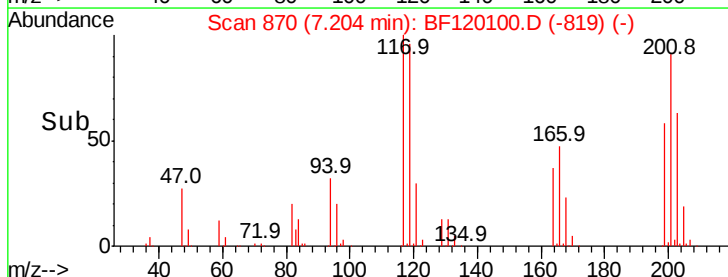
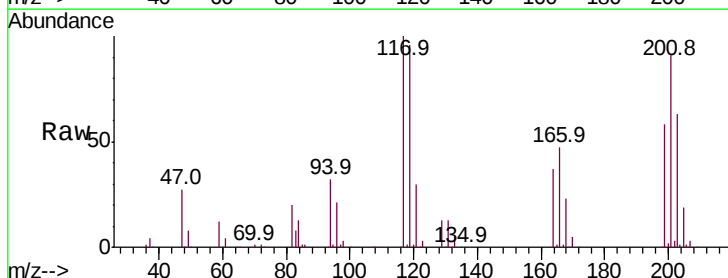
Manual Integrations
APPROVED

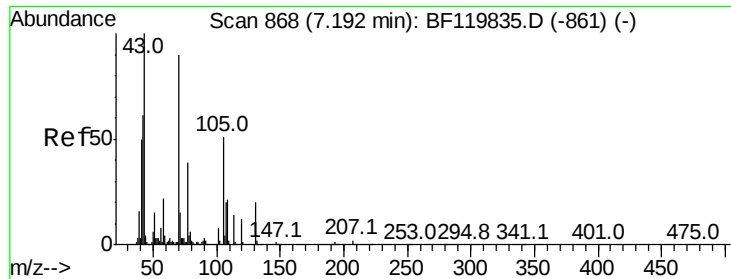
mohammad
4/24/2020 4:16:57 AM



#18
Hexachloroethane
Concen: 47.994 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	151377		
119	95.7	77.4	116.0	
201	91.0	68.4	102.6	





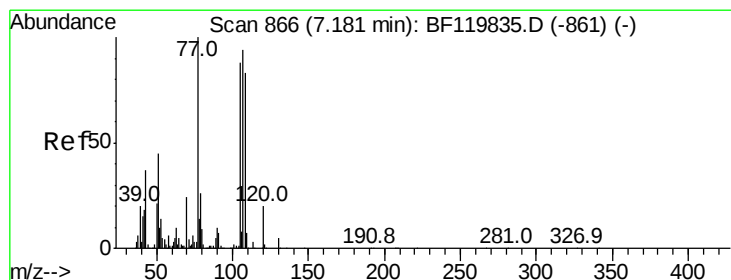
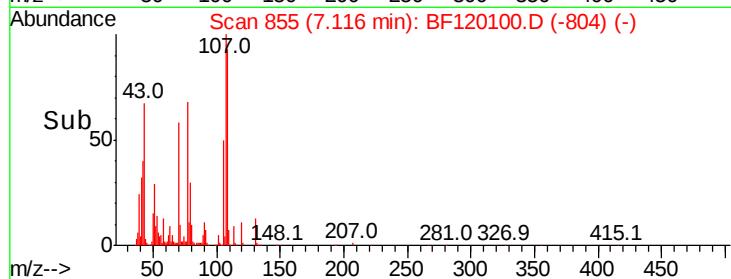
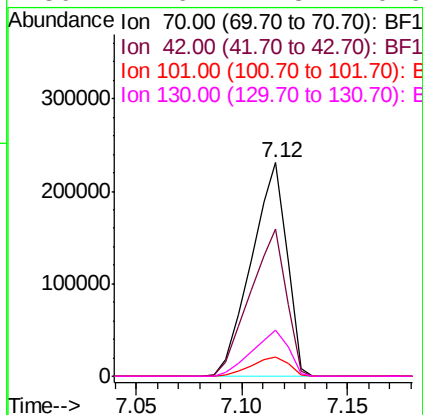
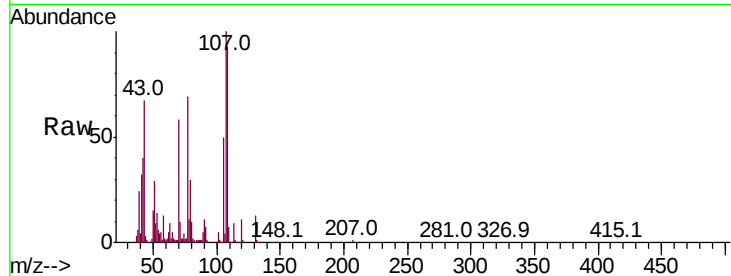
#19
n-Nitroso-di-n-propylamine
Concen: 48.009 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.7	54.2	81.4
101	9.0	7.4	11.2
130	21.6	17.8	26.6

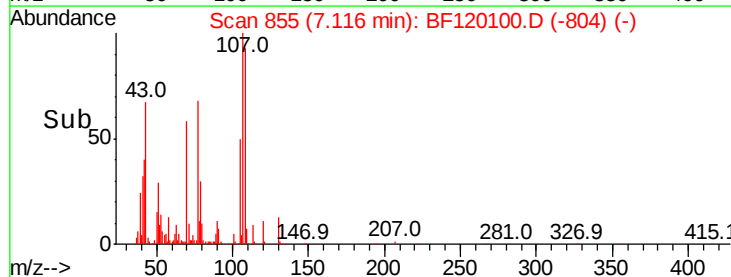
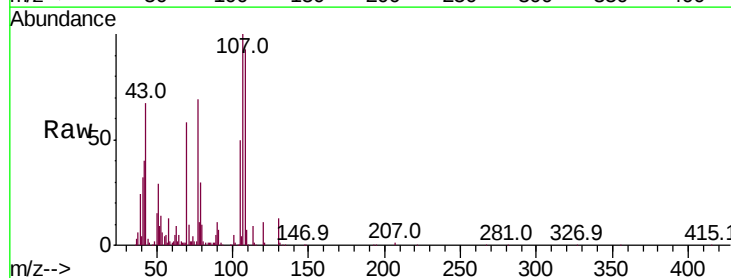
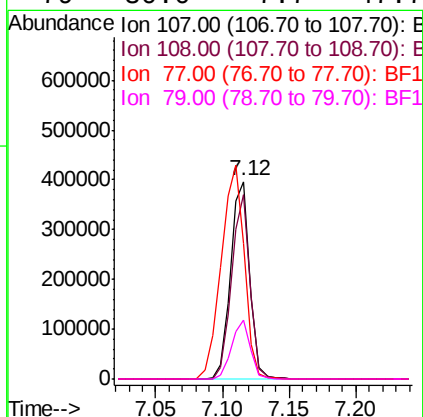
Manual Integrations
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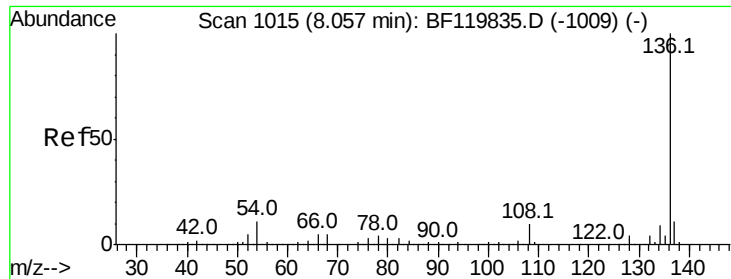
mohammad
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#20
3+4-Methylphenols
Concen: 48.682 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	68.2	108.2
77	68.6	86.6	126.6#
79	30.0	7.7	47.7





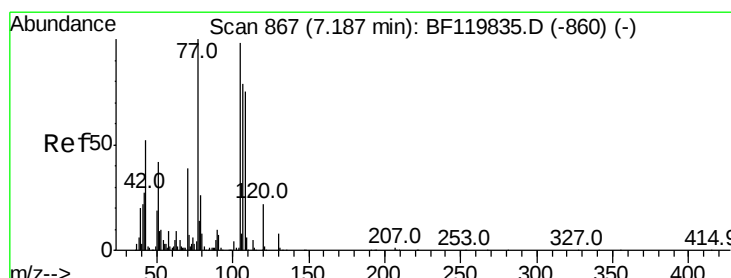
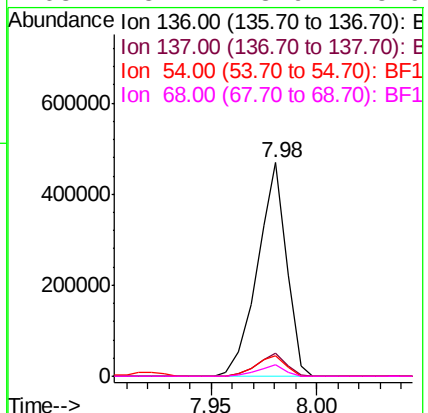
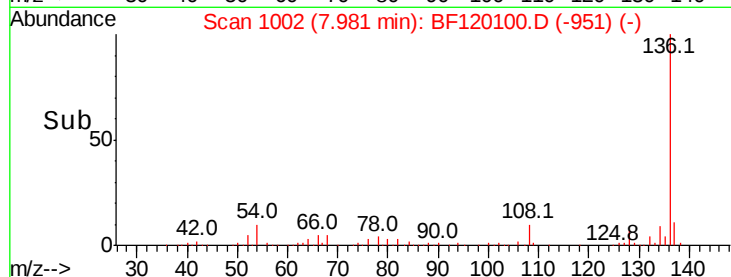
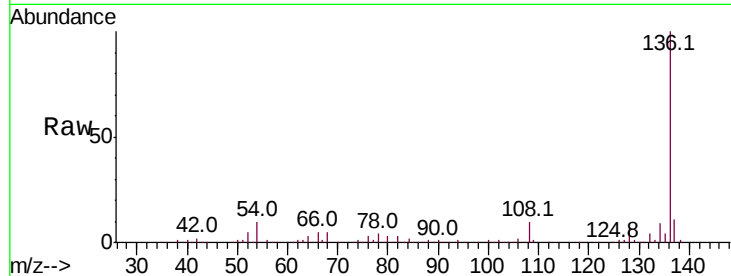
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.8	8.5	12.7	
68	5.4	3.9	5.9	

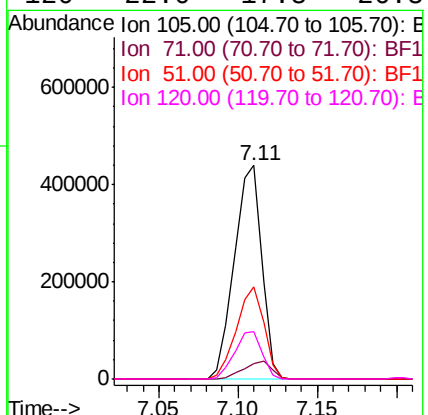
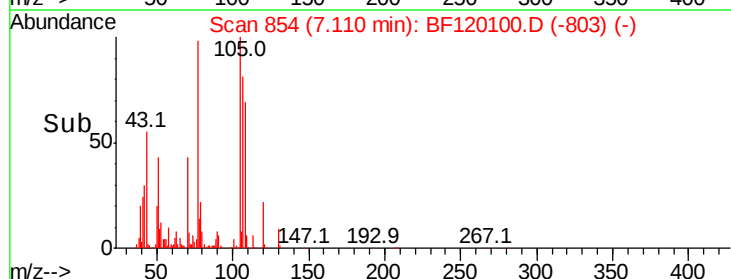
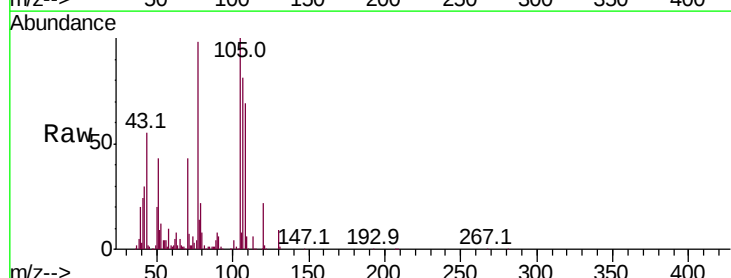
Manual Integrations
APPROVED

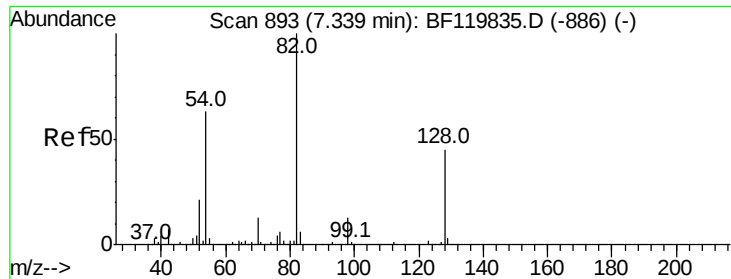
mohammad
4/24/2020 4:16:57 AM



#22
Acetophenone
Concen: 50.241 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	5.6	8.4	
51	42.9	33.9	50.9	
120	22.0	17.8	26.8	





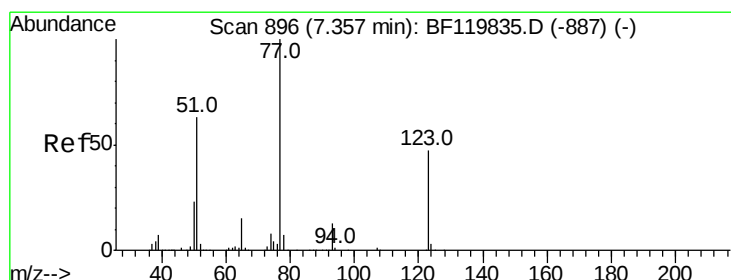
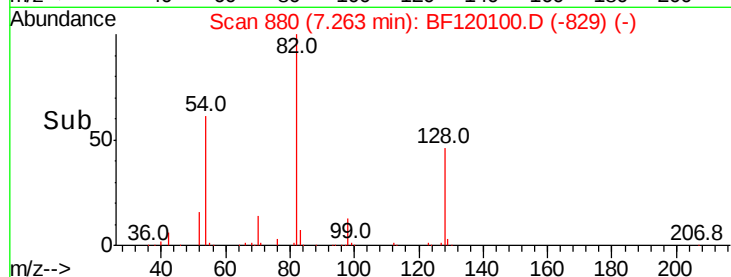
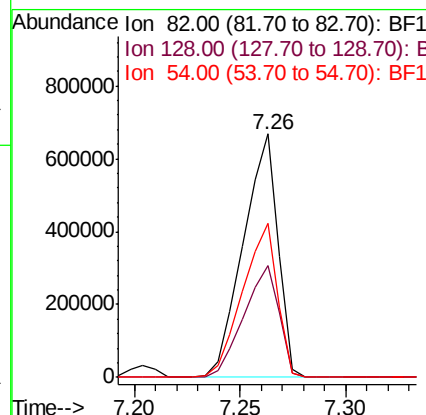
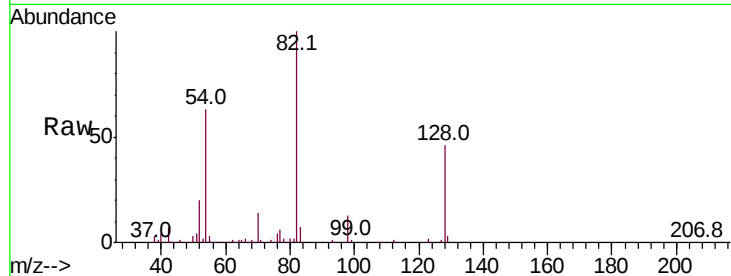
#23
Nitrobenzene-d5
Concen: 87.941 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.2	54.4	
54	63.2	50.4	75.6	

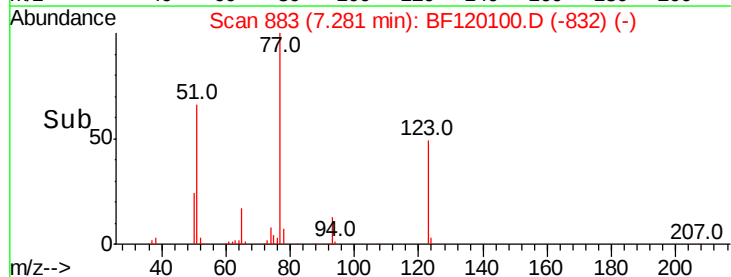
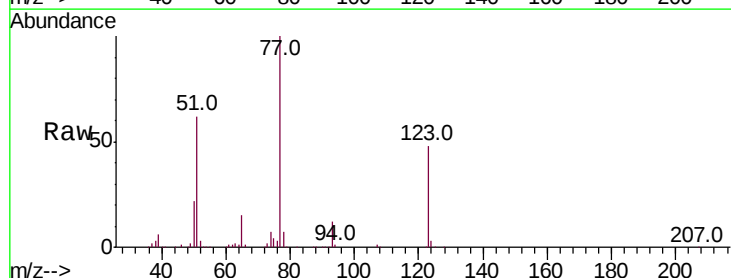
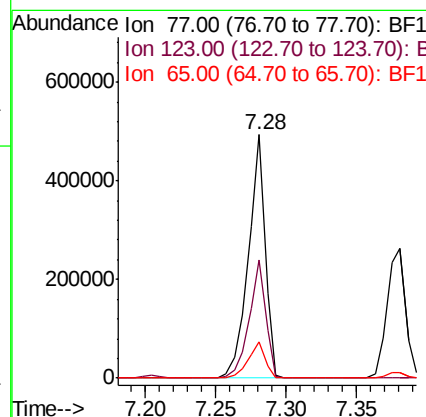
Manual Integrations
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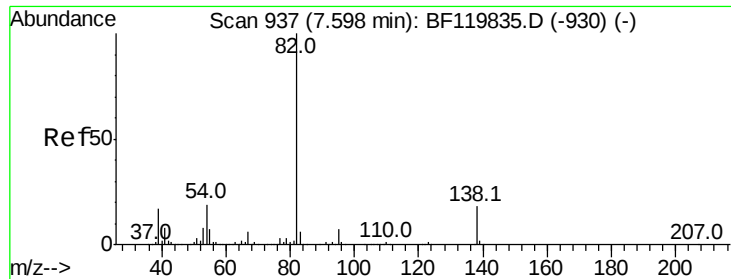
mohammad
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#24
Nitrobenzene
Concen: 47.287 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	37.8	56.8	
65	15.0	12.2	18.2	





#25

Isophorone

Concen: 44.037 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

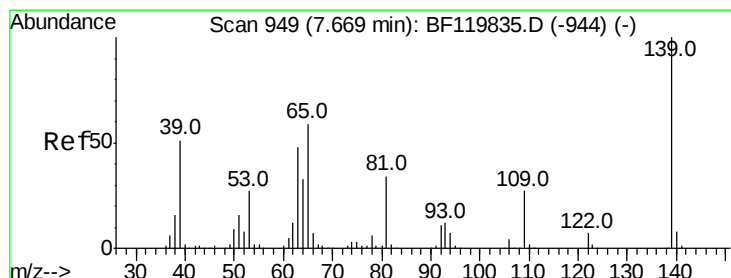
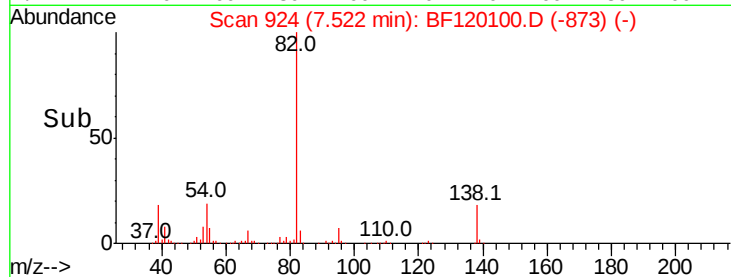
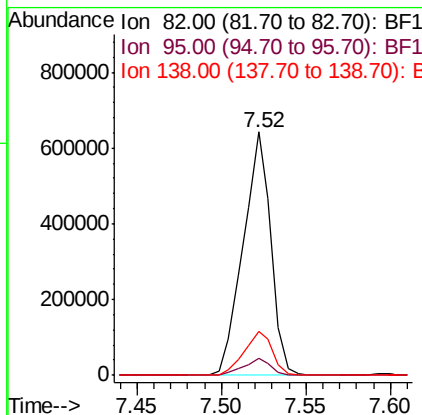
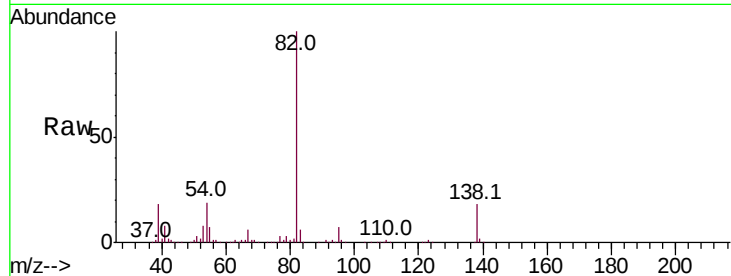
ClientSampleId :

PB128341BS

Tot Ion:	82	Resp:	732794
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	18.0	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.570 ng

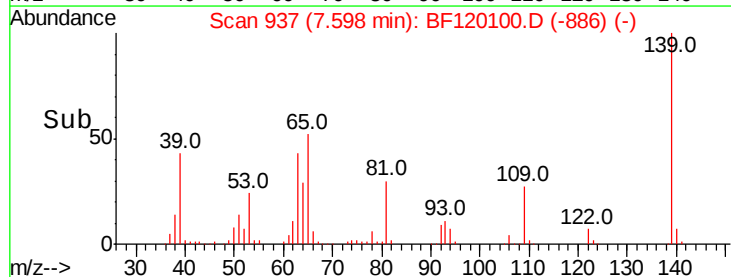
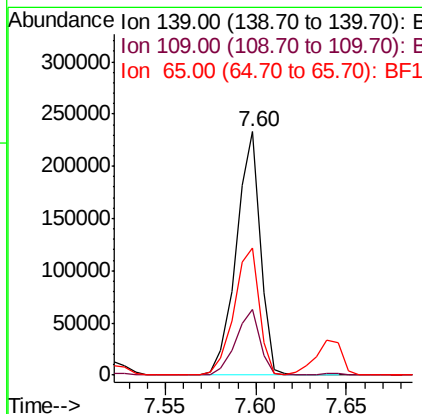
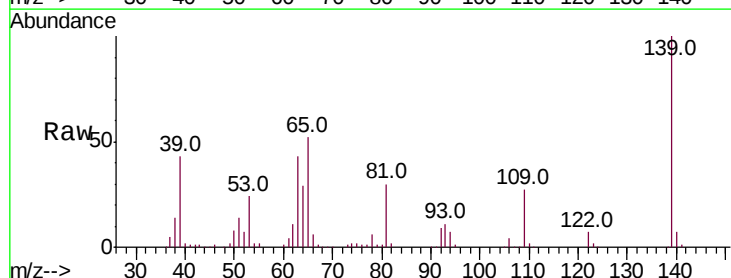
RT: 7.60 min Scan# 937

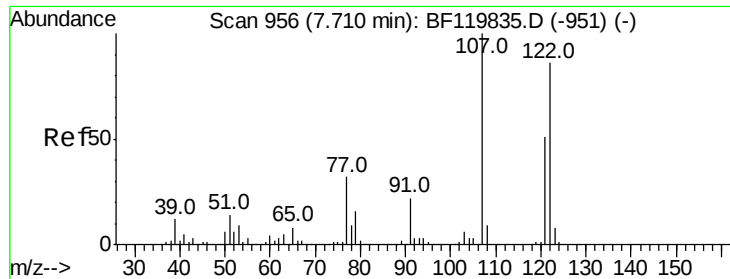
Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:	139	Resp:	215055
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.8	32.6
65	52.3	47.0	70.4





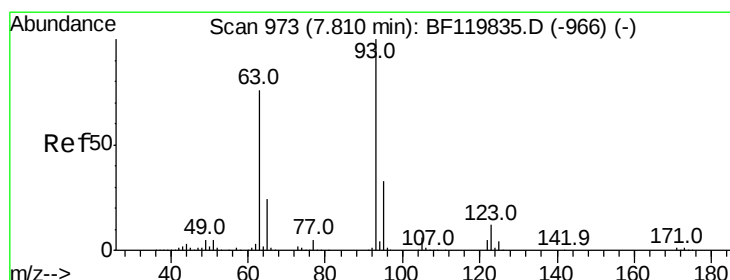
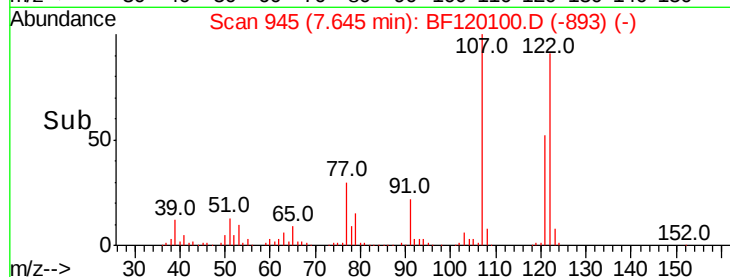
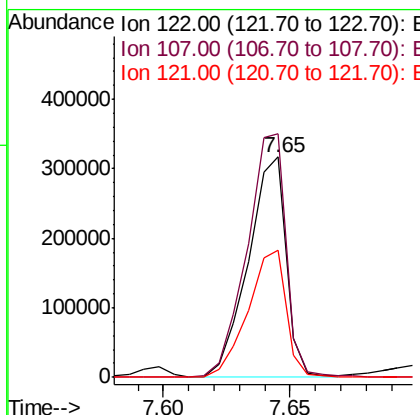
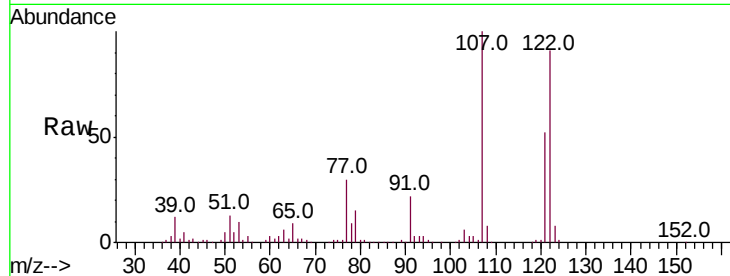
#27
 2,4-Dimethylphenol
 Concen: 50.899 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	92.3	138.5
121	57.8	46.6	70.0

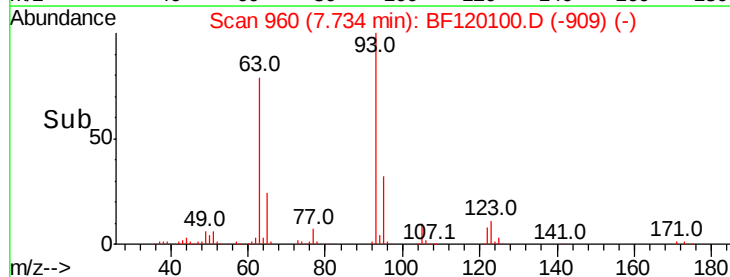
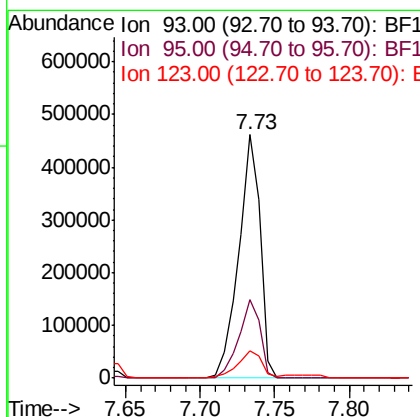
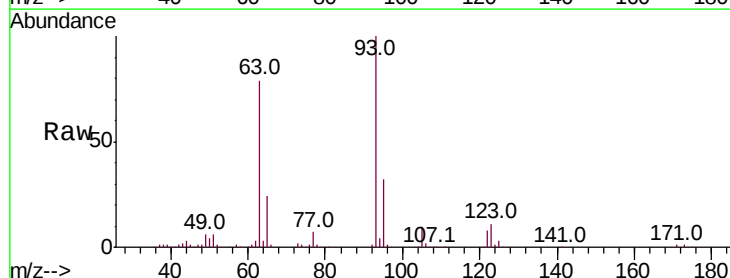
Manual Integrations
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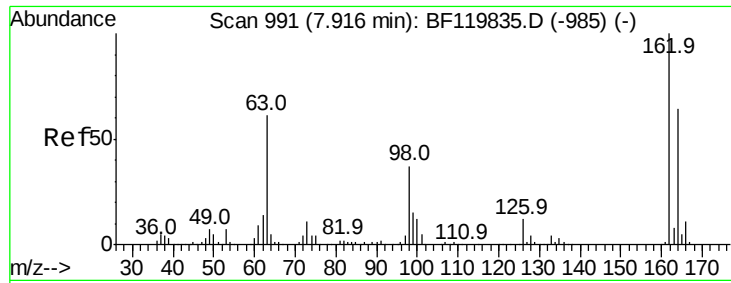
mohammad
 4/24/2020 4:16:57 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.289 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.2	9.7	14.5





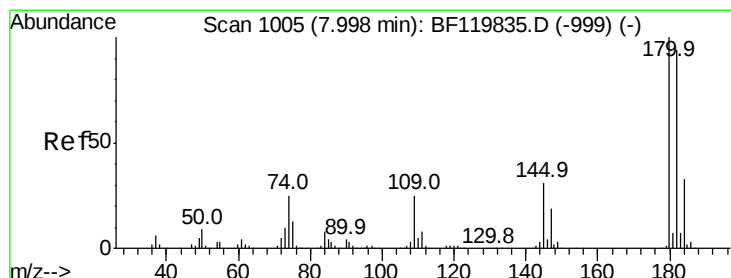
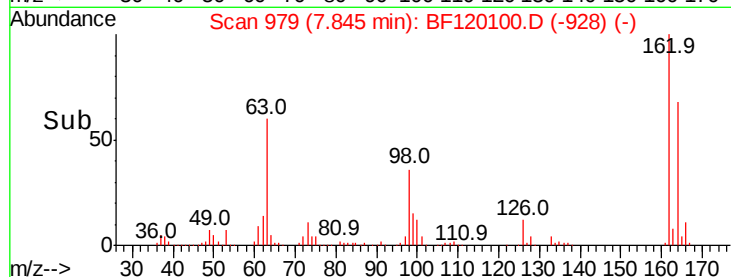
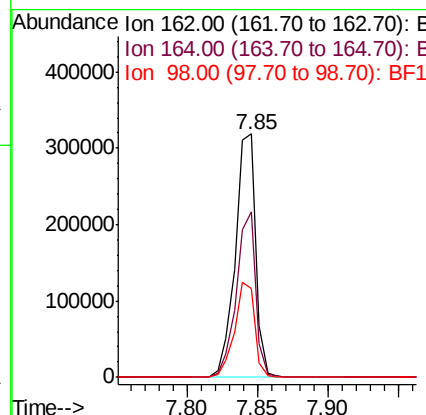
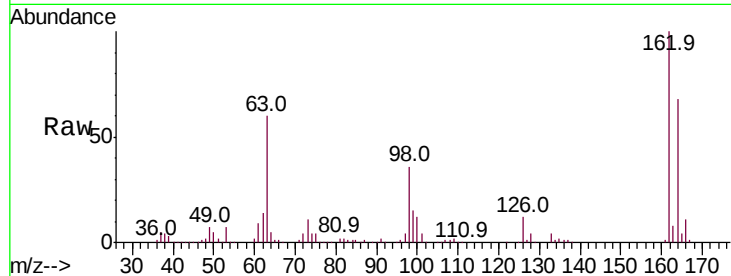
#29
 2,4-Dichlorophenol
 Concen: 47.875 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion:	162	Resp:	321095
Ion Ratio	Lower	Upper	
162	100		
164	68.1	44.4	84.4
98	36.3	17.3	57.3

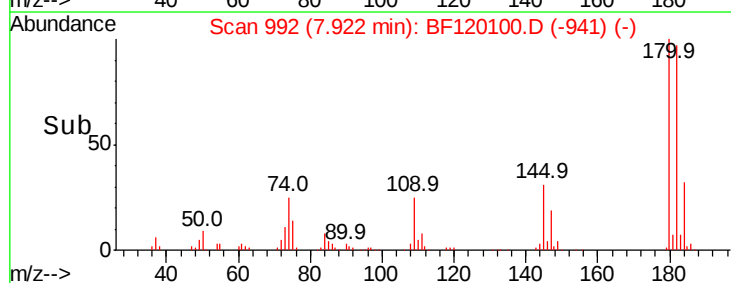
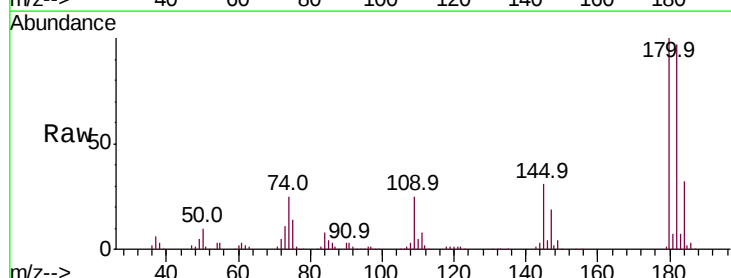
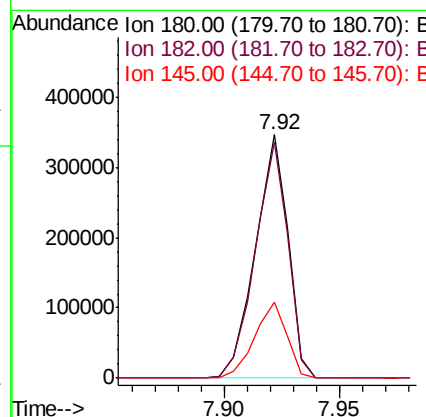
Manual Integrations
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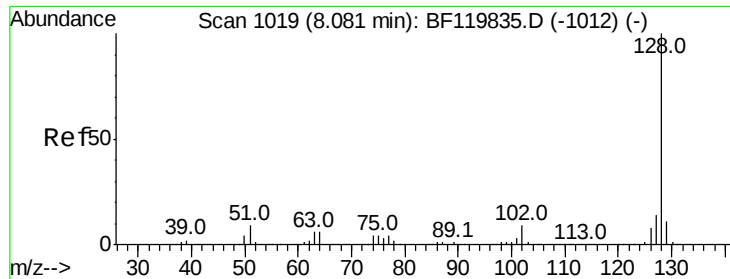
mohammad
 4/24/2020 4:16:57 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.126 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion:	180	Resp:	342932
Ion Ratio	Lower	Upper	
180	100		
182	97.1	75.4	113.0
145	31.2	24.6	37.0





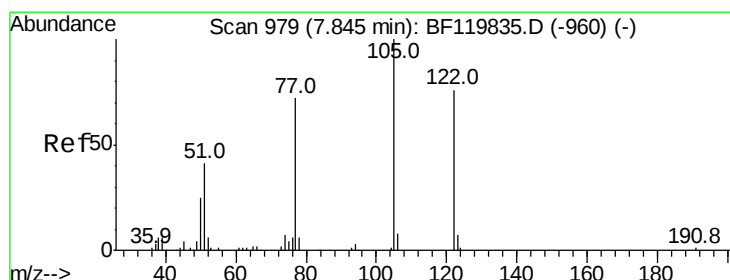
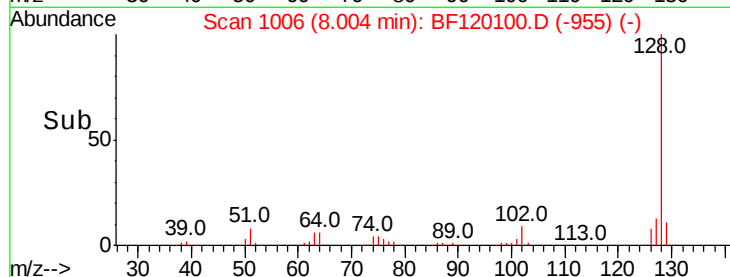
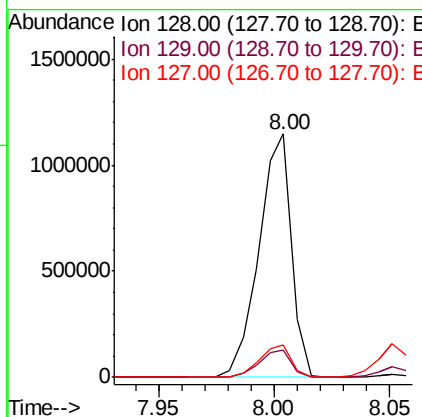
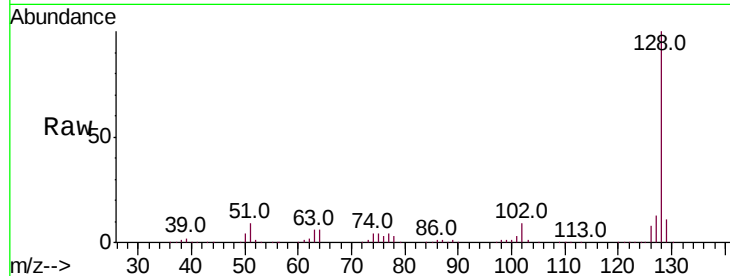
#31
Naphthalene
Concen: 47.931 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion:128 Resp: 1126180
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 11.0 16.4

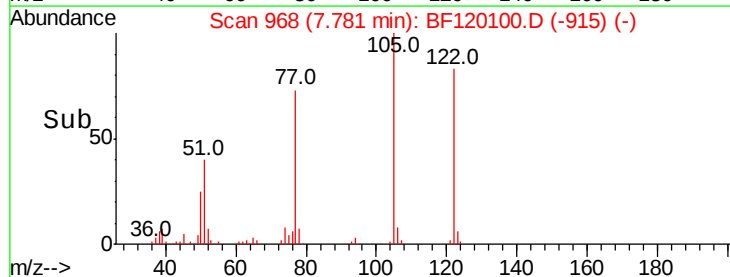
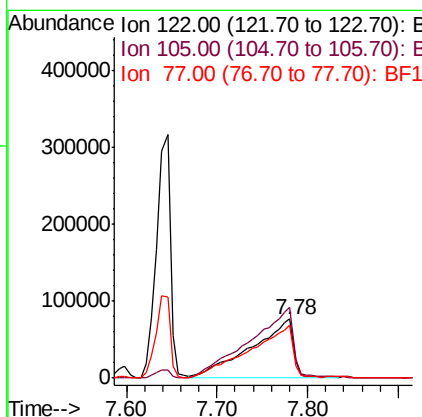
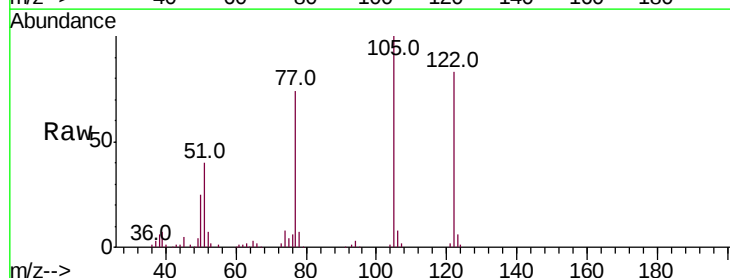
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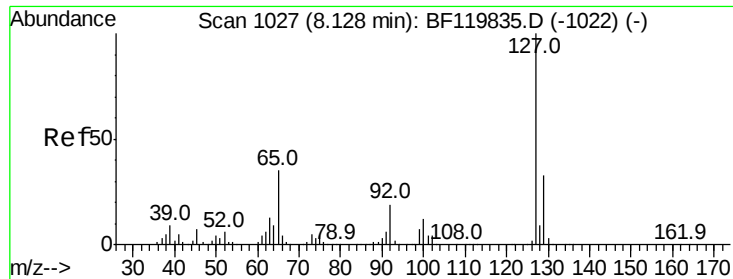
mohammad
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#32
Benzoic acid
Concen: 42.596 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:122 Resp: 244781
Ion Ratio Lower Upper
122 100
105 121.1 106.7 146.7
77 89.0 72.1 112.1





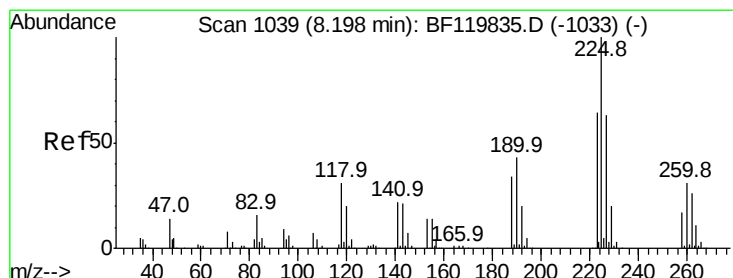
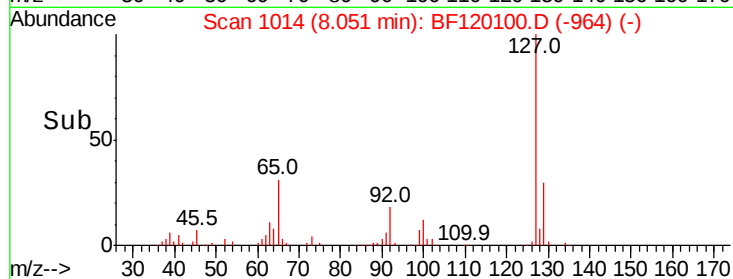
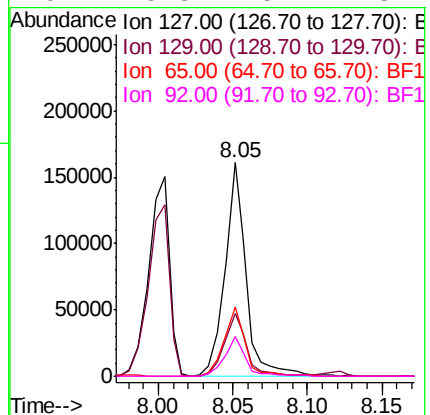
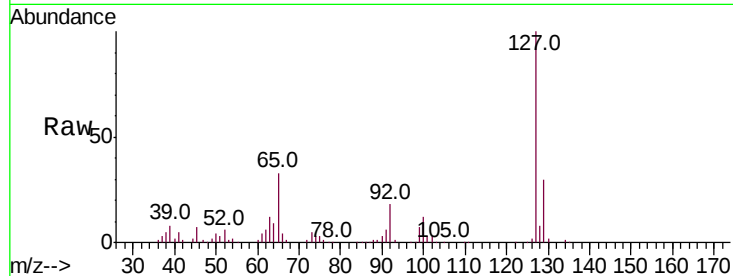
#33
4-Chloroaniline
Concen: 15.649 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleID :
PB128341BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.6	26.2	39.2		
65	32.6	28.3	42.5		
92	18.3	15.4	23.2		

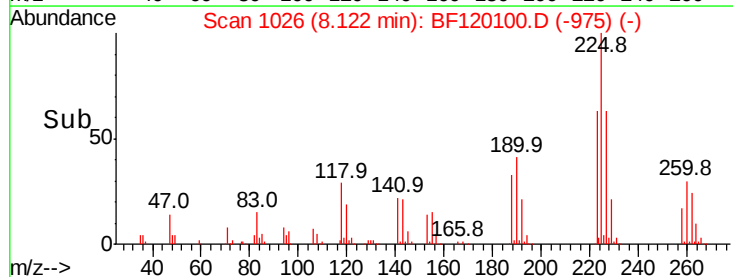
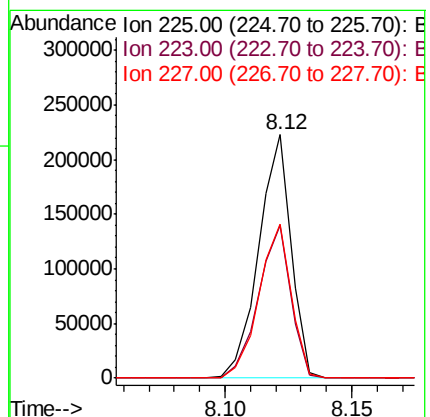
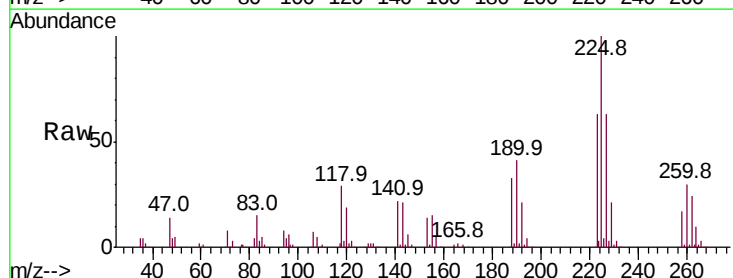
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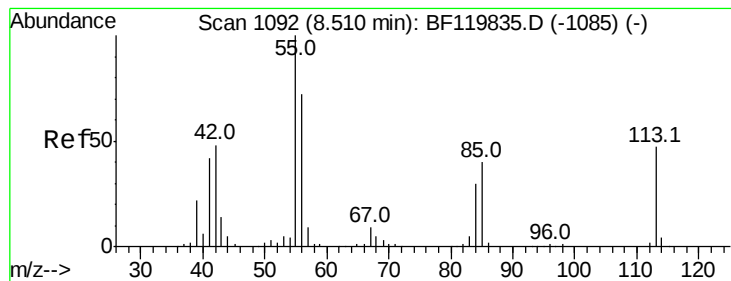
mohammad
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#34
Hexachlorobutadiene
Concen: 43.715 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	63.3	50.4	75.6		





#35

Caprolactam

Concen: 49.747 ng/mL

RT: 8.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampleID :

PB128341BS

Tot Ion:113 Resp: 102062

Ion Ratio Lower Upper

113 100

55 230.1 192.7 232.7

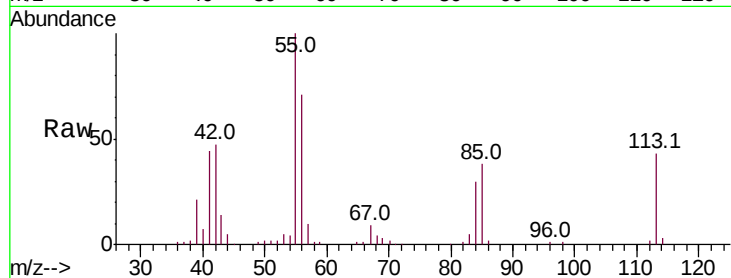
56 163.5 133.3 173.3

Manual Integrations

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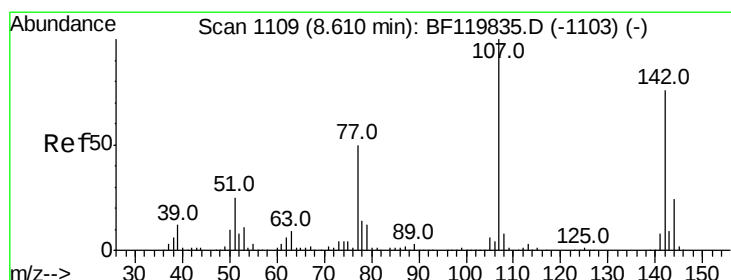
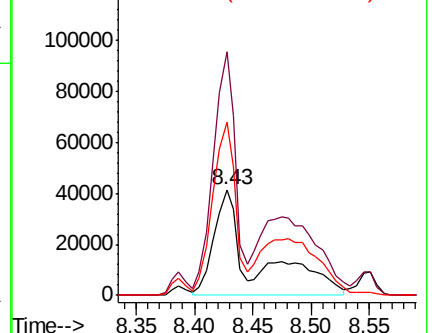
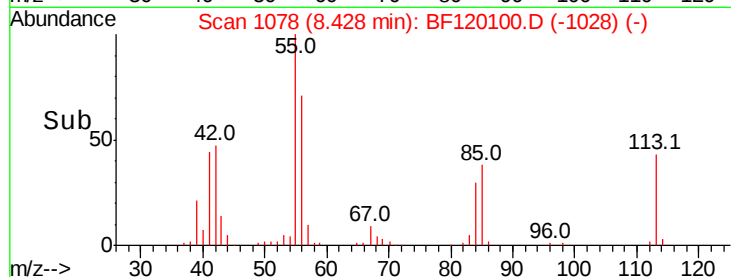
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.725 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

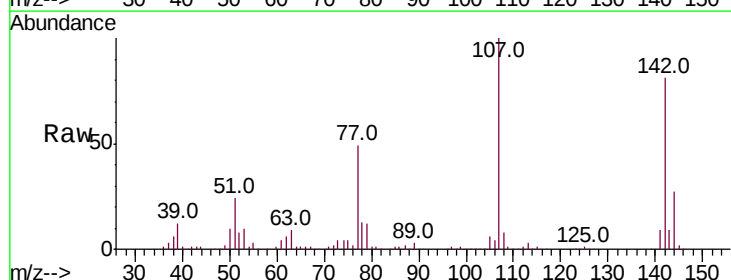
Tgt Ion:107 Resp: 353806

Ion Ratio Lower Upper

107 100

144 26.8 19.5 29.3

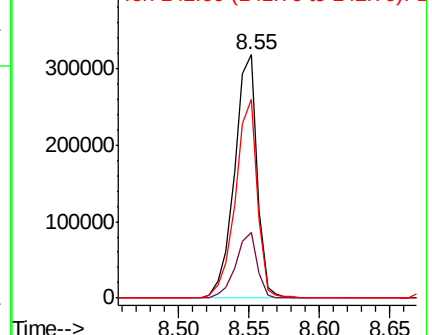
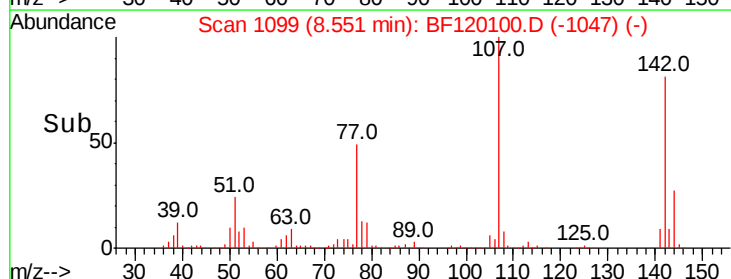
142 81.5 60.5 90.7

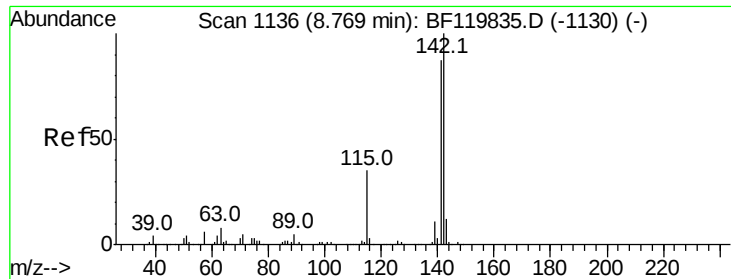


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.004 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

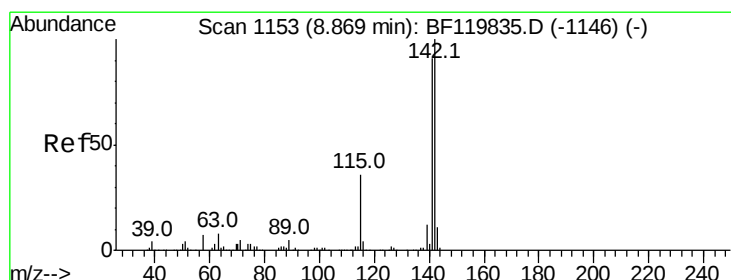
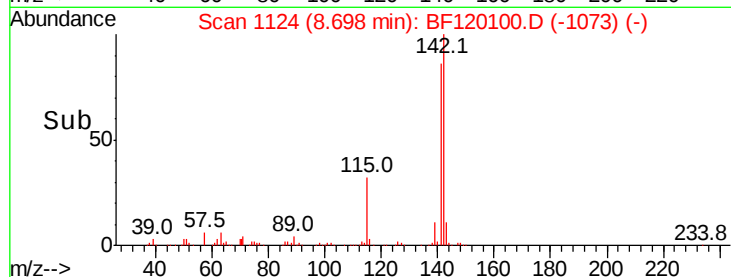
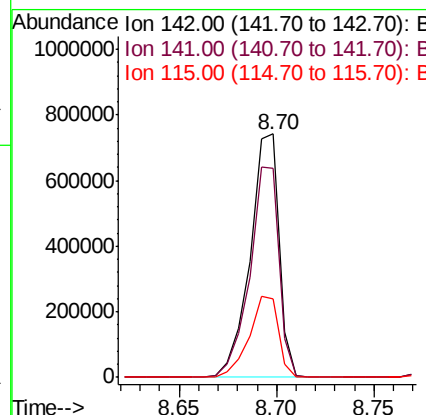
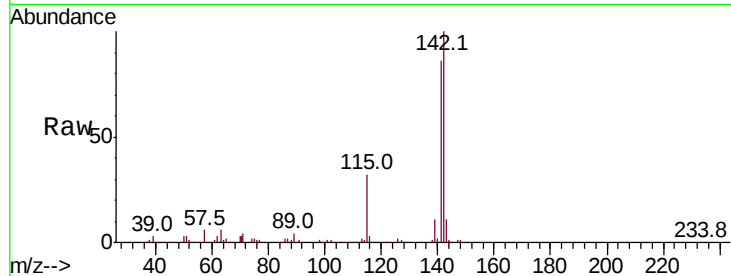
Instrument :
BNA_F

ClientSampled :
PB128341BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9
115	32.4	28.0	42.0

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#38

1-Methylnaphthalene

Concen: 47.678 ng

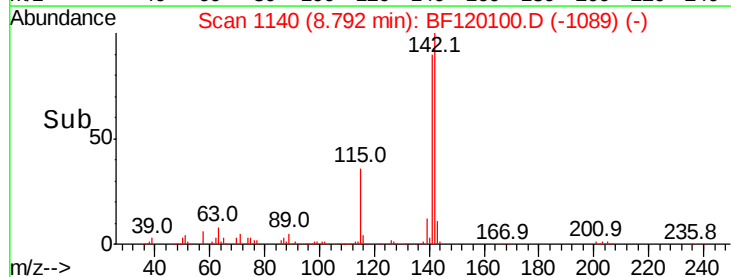
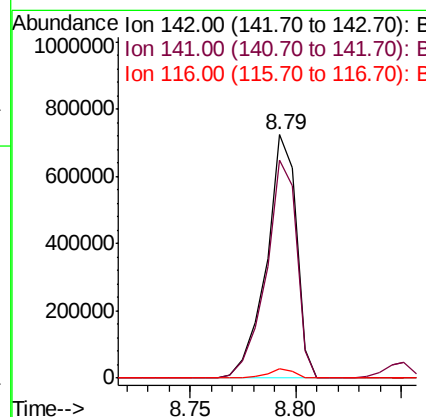
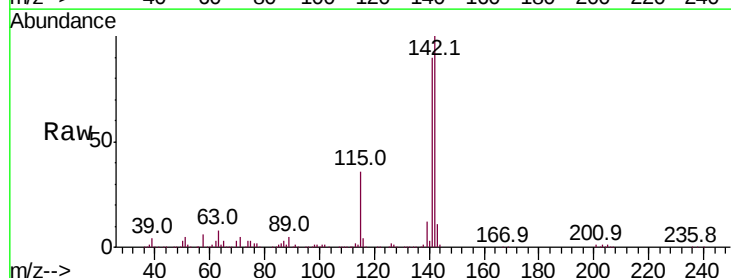
RT: 8.79 min Scan# 1140

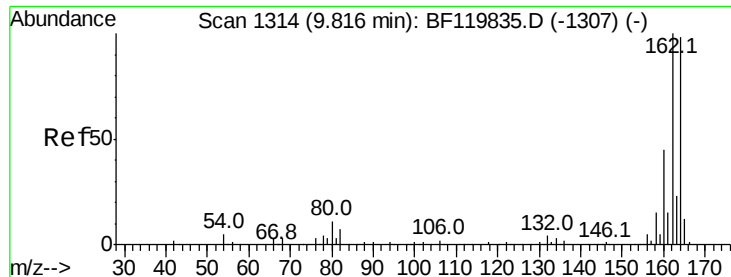
Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.9	109.3
116	3.9	3.0	4.6





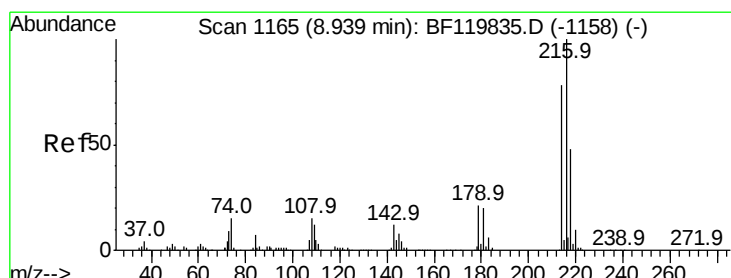
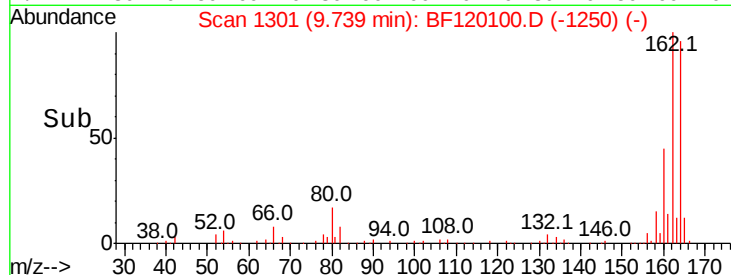
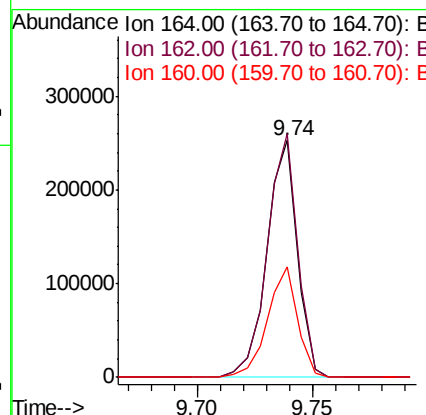
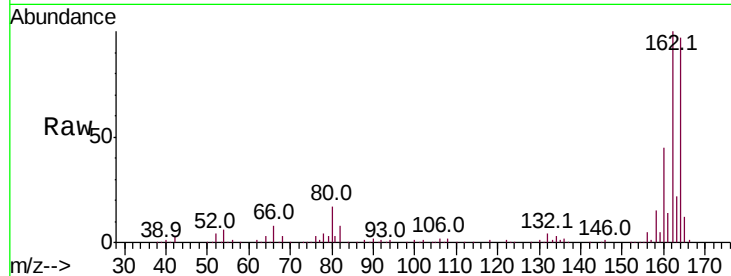
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	46.5	36.6	54.8

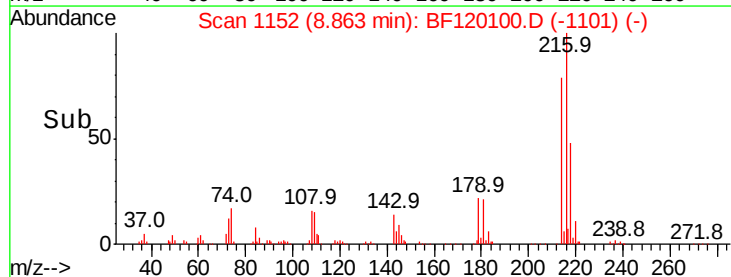
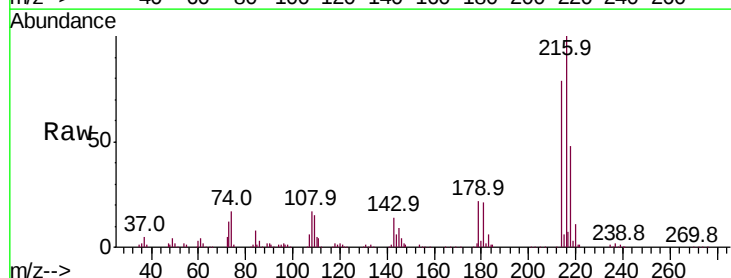
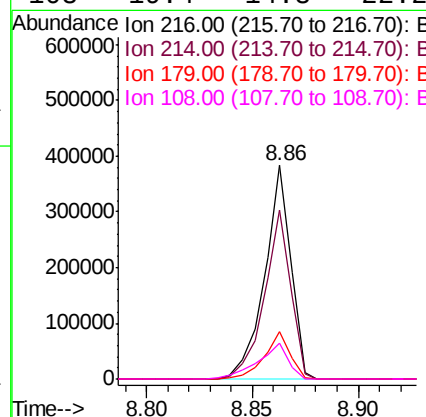
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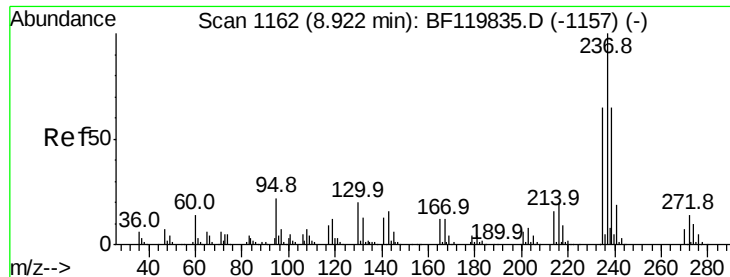
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.007 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.1	94.7
179	21.6	17.0	25.4
108	19.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 82.550 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

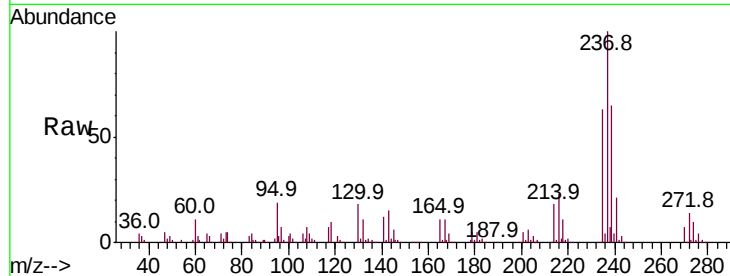
ClientSampleId :

PB128341BS

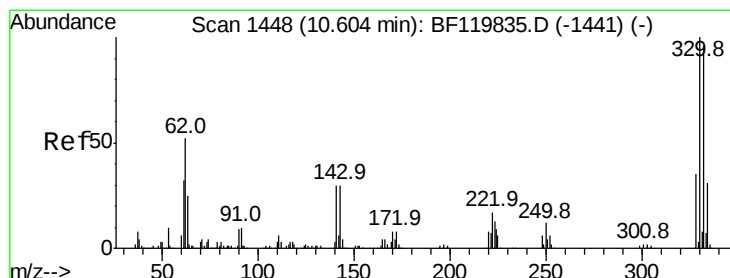
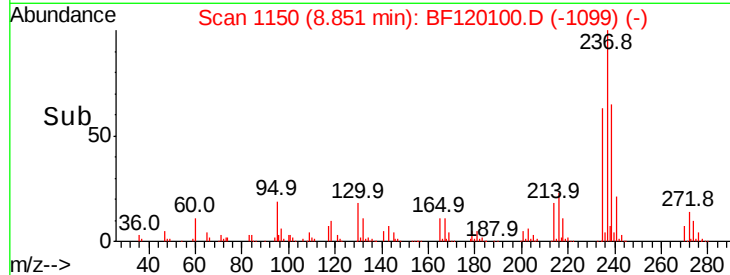
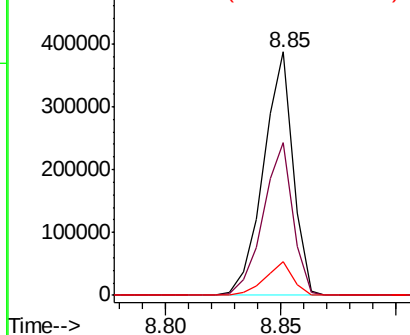
Tot Ion:	237	Resp:	345326
Ion Ratio	Lower	Upper	
237	100		
235	62.8	44.9	84.9
272	13.9	0.0	33.6

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: 117.556 ng

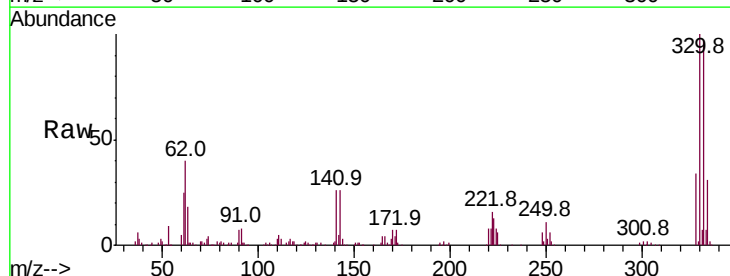
RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

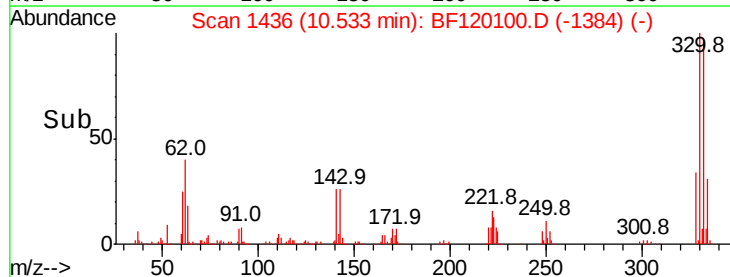
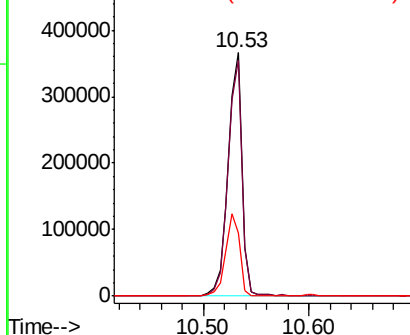
Lab File: BF120100.D

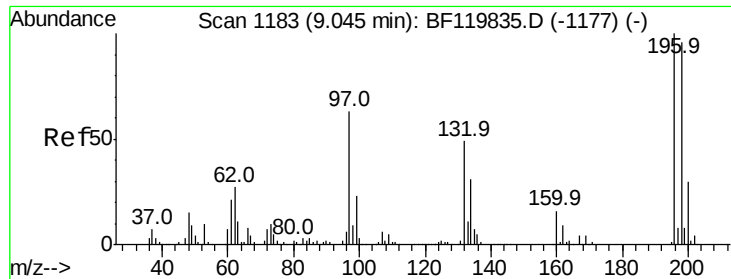
Acq: 21 Apr 2020 13:57

Tgt Ion:	330	Resp:	335239
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	34.4	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





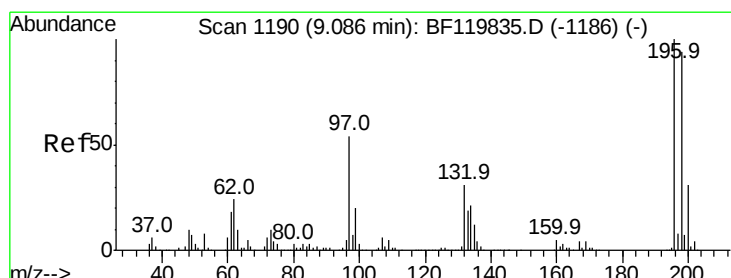
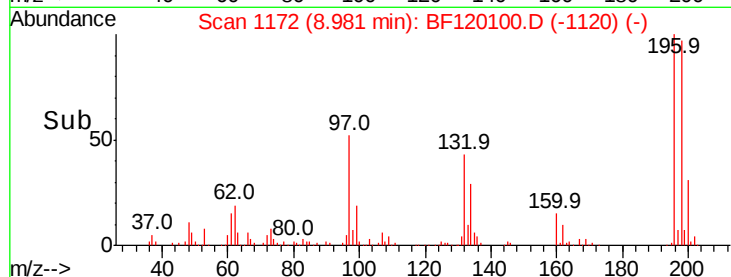
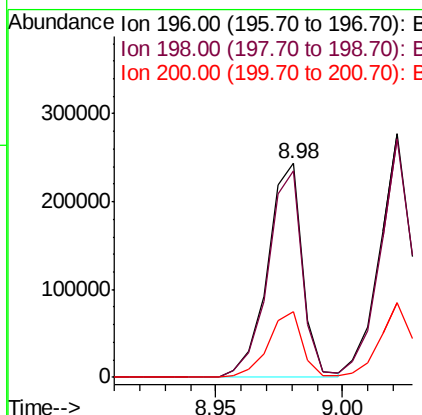
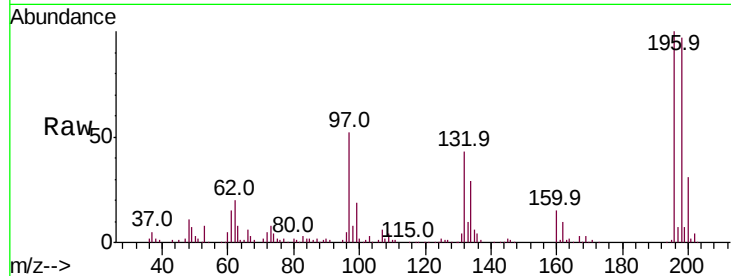
#43
 2,4,6-Trichlorophenol
 Concen: 46.484 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampled :
 PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236141		
198	96.6	76.6	115.0	
200	31.0	24.2	36.2	

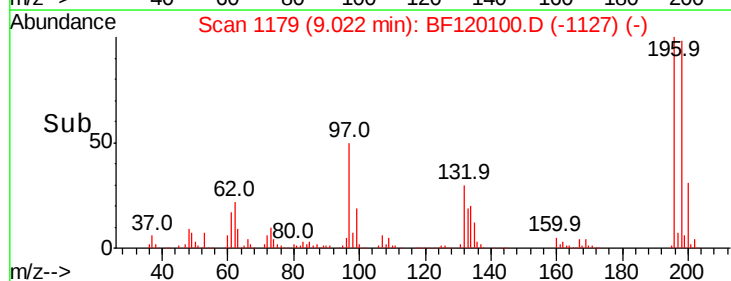
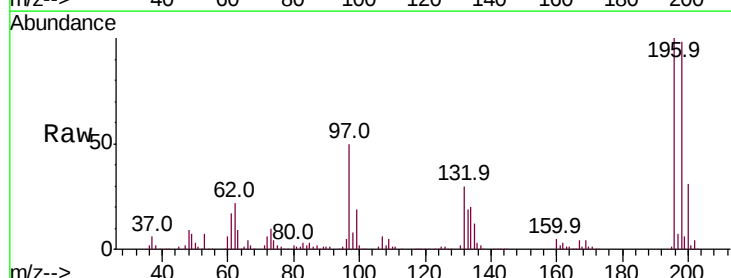
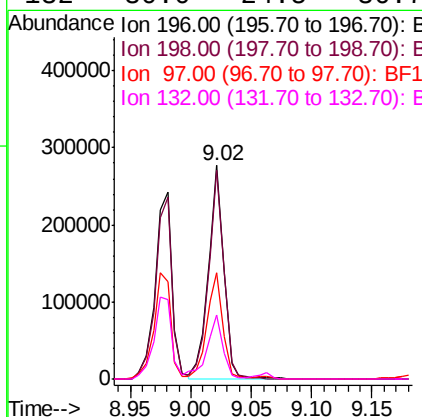
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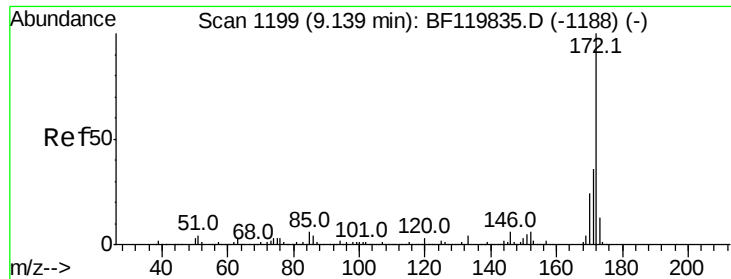
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.743 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244564		
198	97.8	75.1	112.7	
97	49.5	43.4	65.2	
132	30.0	24.5	36.7	





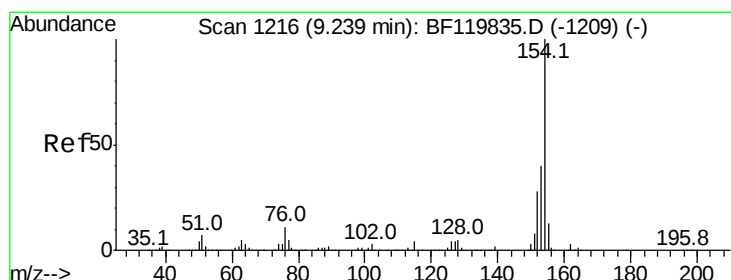
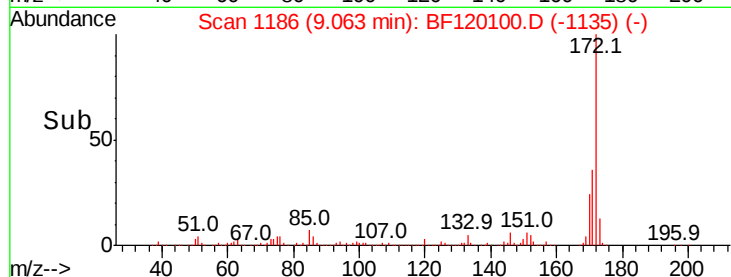
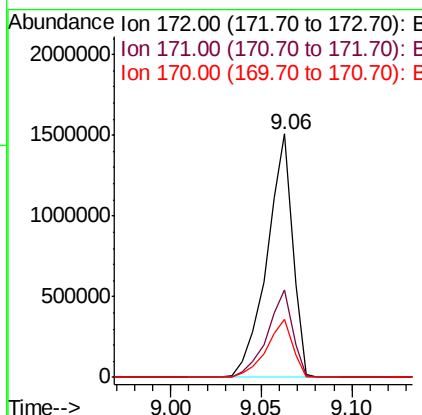
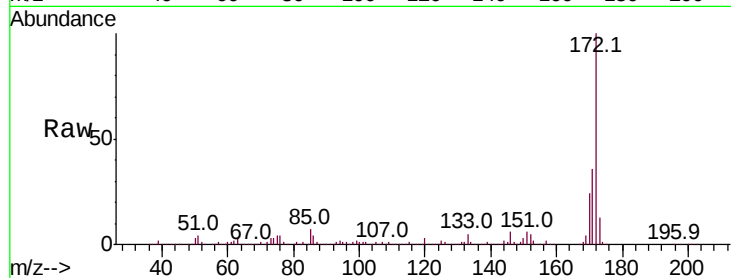
#45
2-Fluorobiphenyl
Concen: 90.406 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.8	19.4	29.2

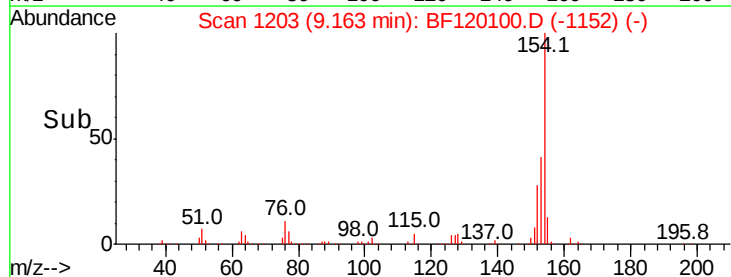
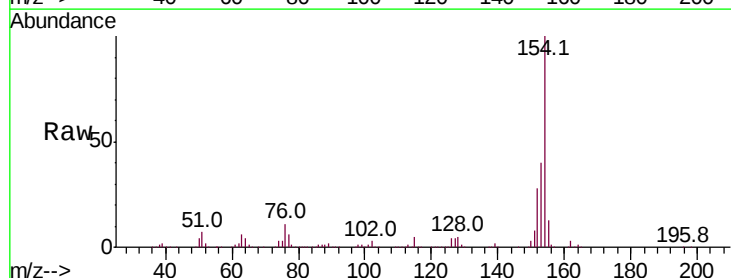
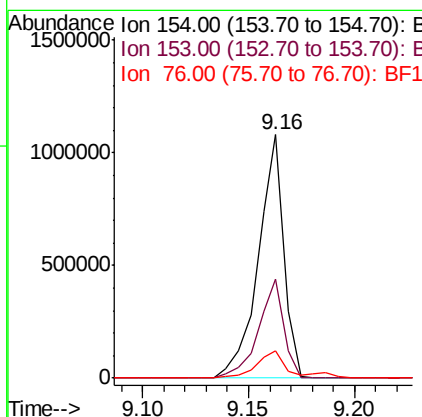
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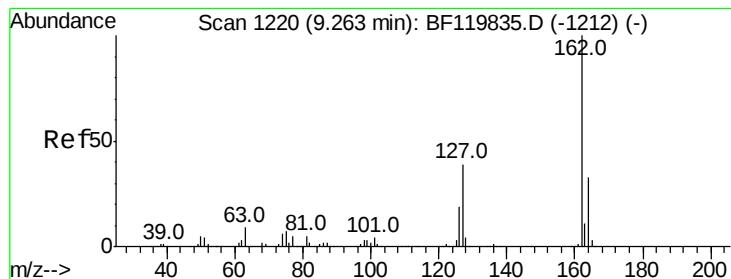
mohammad
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#46
1,1'-Biphenyl
Concen: 46.210 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.5	0.0	30.6





#47

2-Chloronaphthalene

Concen: 46.785 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

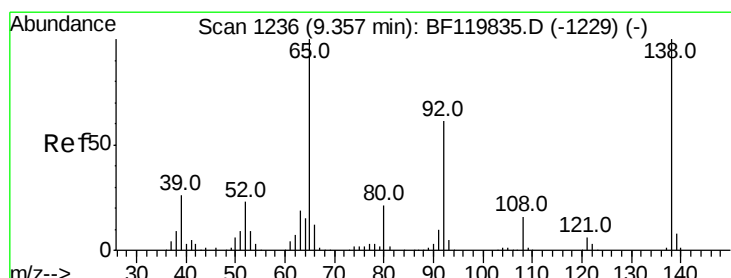
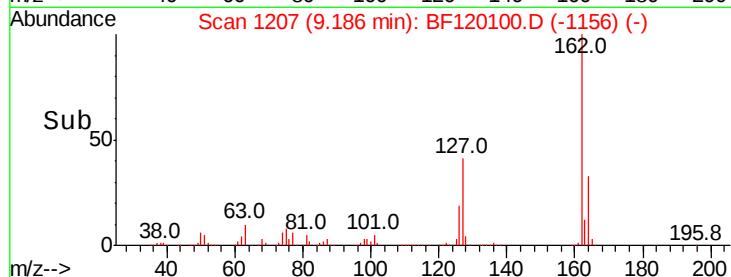
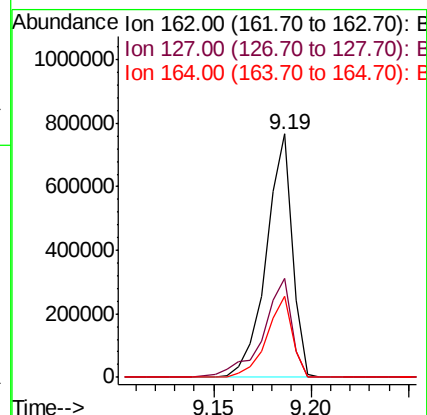
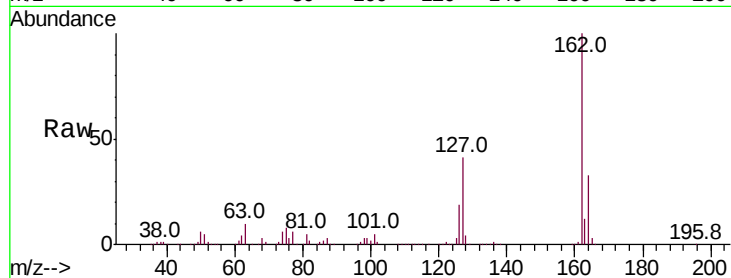
ClientSampled :

PB128341BS

Tot Ion:	162	Resp:	708548
Ion Ratio	Lower	Upper	
162	100		
127	40.7	31.2	46.8
164	33.1	26.3	39.5

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#48

2-Nitroaniline

Concen: 46.666 ng

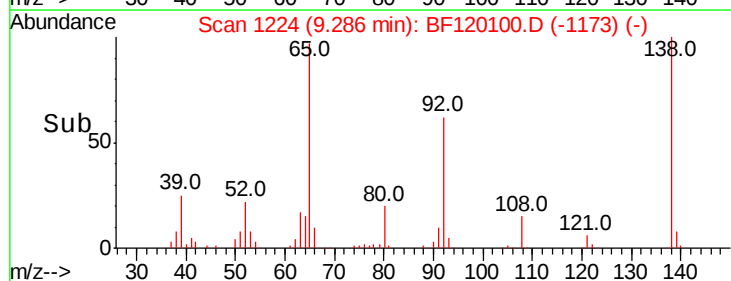
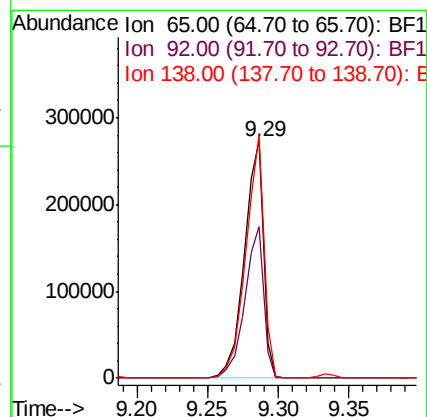
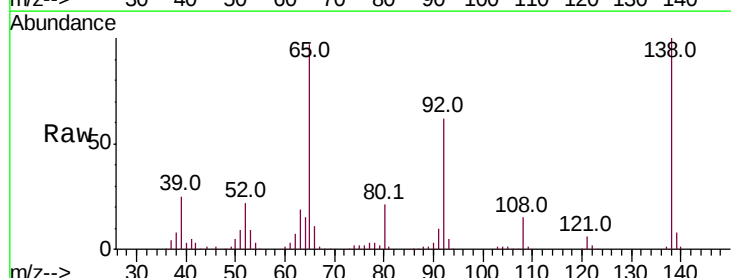
RT: 9.29 min Scan# 1224

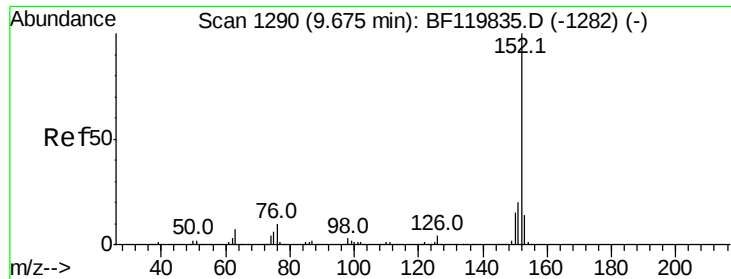
Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:	65	Resp:	256115
Ion Ratio	Lower	Upper	
65	100		
92	63.7	49.0	73.6
138	102.8	79.7	119.5





#49

Acenaphthylene

Concen: 49.064 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

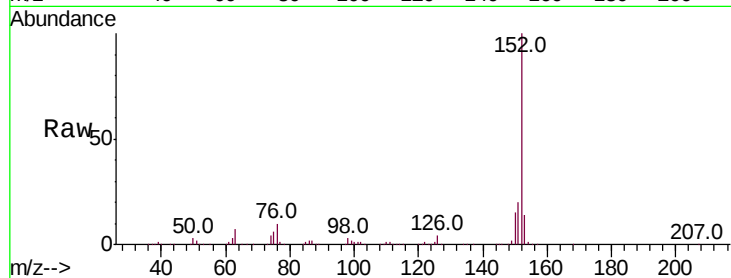
ClientSampleId :

PB128341BS

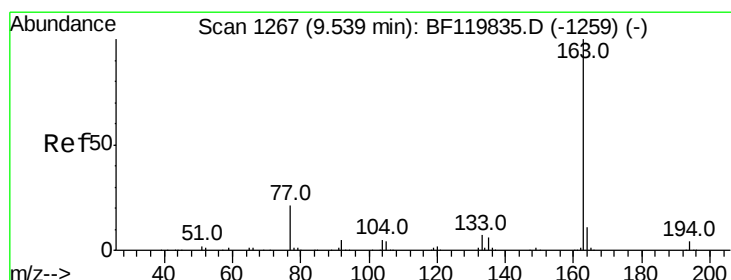
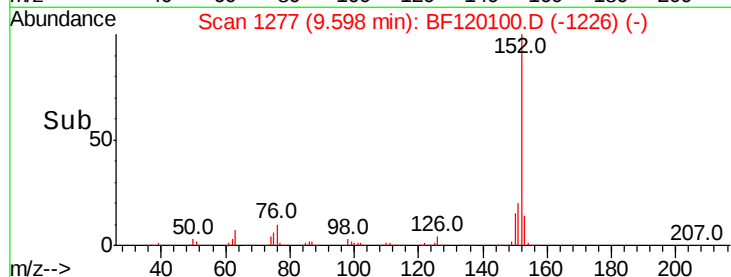
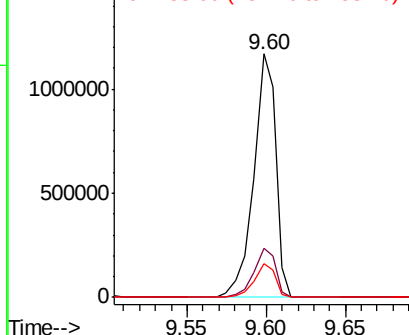
Tot Ion:	152	Resp:	1130071
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.6	10.9	16.3

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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: 45.255 ng

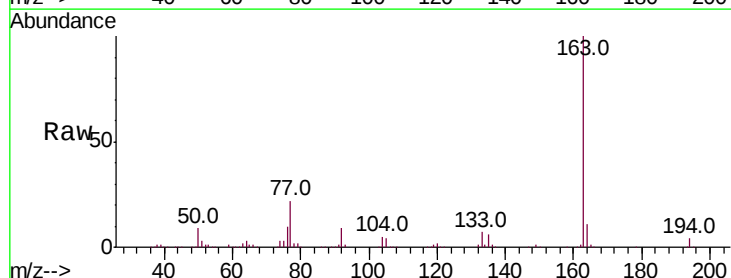
RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

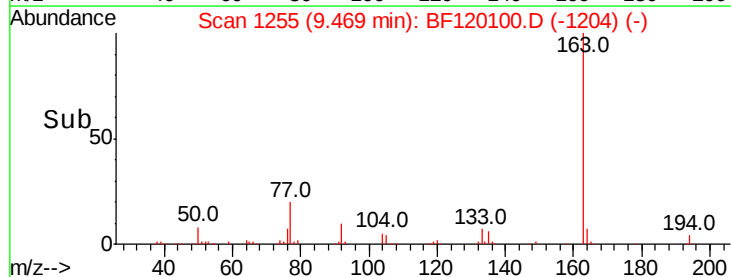
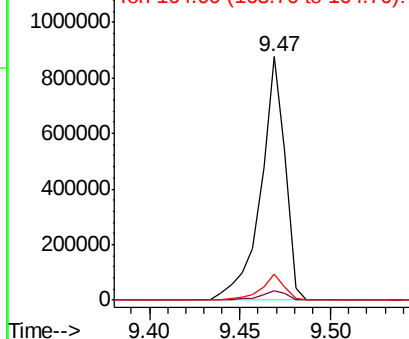
Lab File: BF120100.D

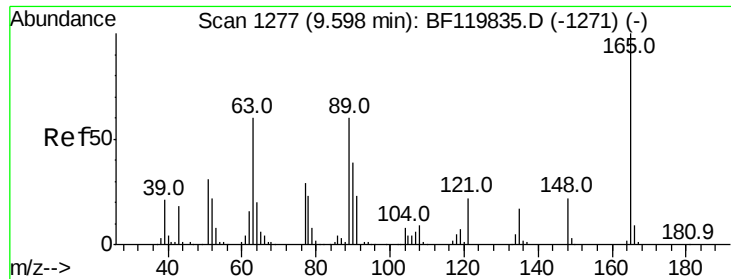
Acq: 21 Apr 2020 13:57

Tgt Ion:	163	Resp:	815312
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.5	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





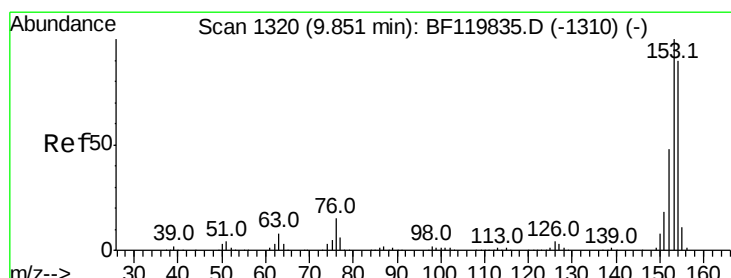
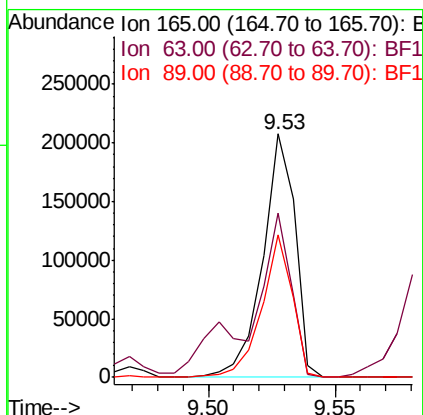
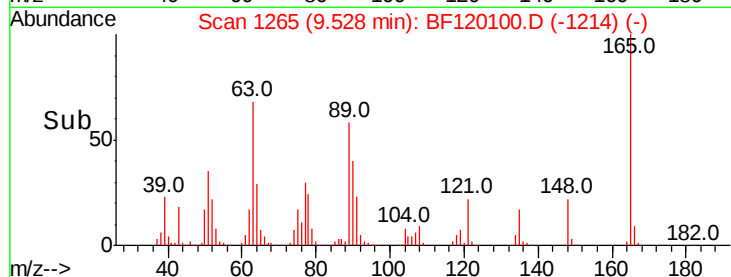
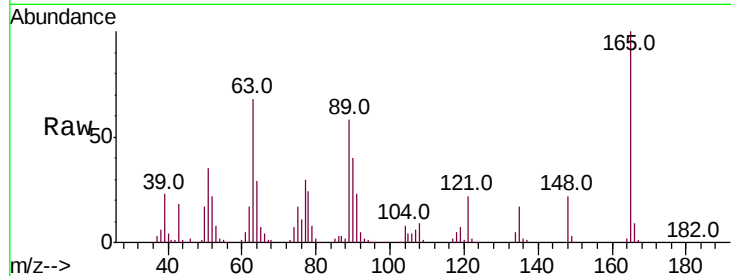
#51
2,6-Dinitrotoluene
Concen: 47.030 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampled :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	185543		
63	67.7	55.6	83.4	
89	58.4	47.9	71.9	

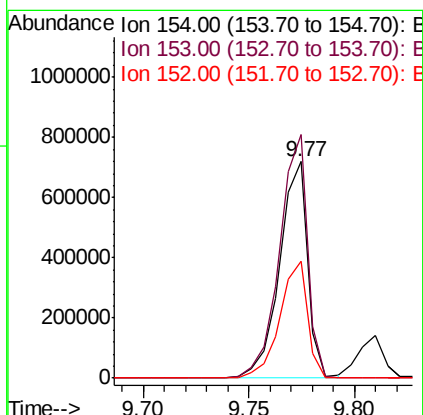
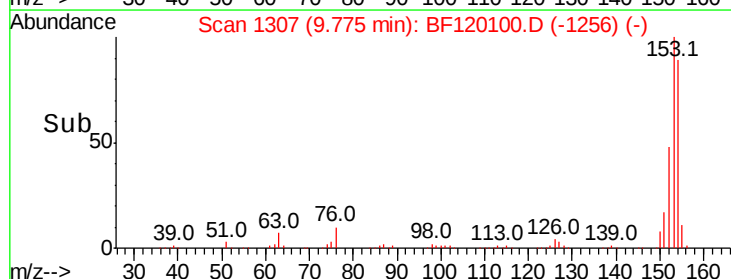
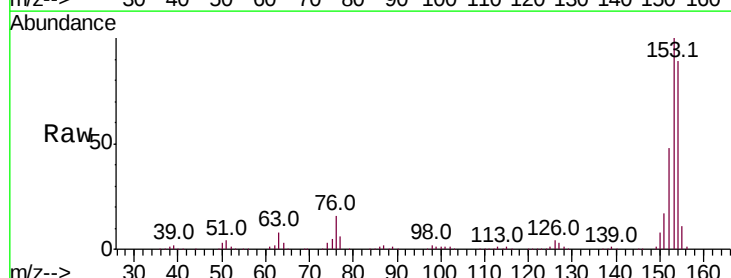
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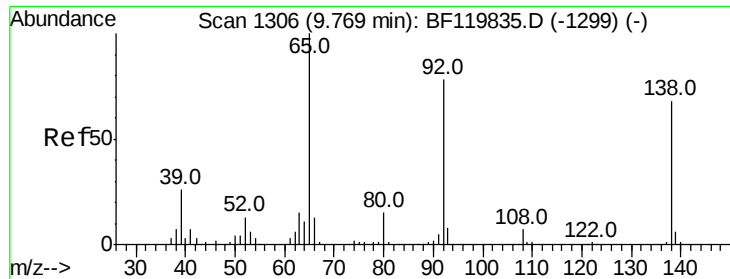
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#52
Acenaphthene
Concen: 43.761 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	672356		
153	112.4	88.8	133.2	
152	53.9	42.4	63.6	





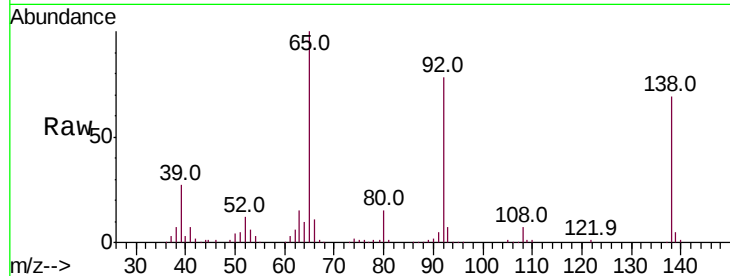
#53
3-Nitroaniline
Concen: 23.685 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.0	12.0
92	113.1	92.1	138.1

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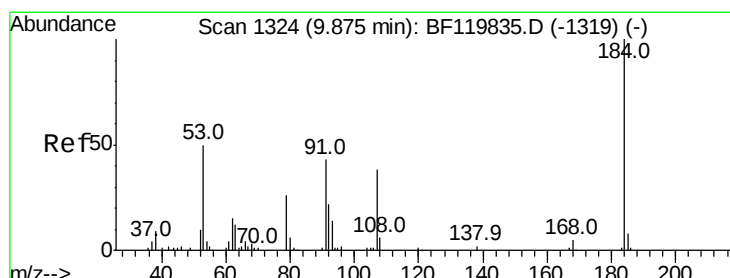
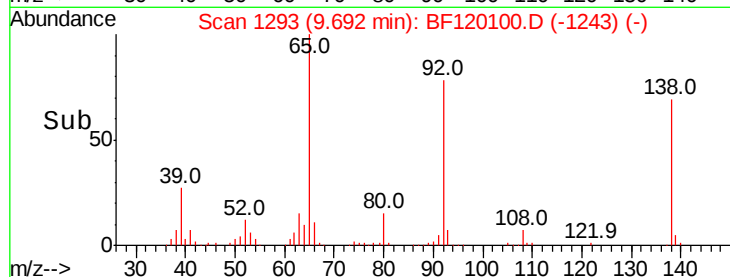
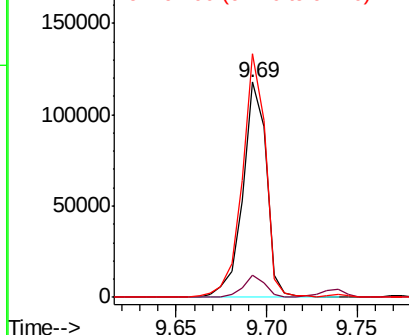


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 91.133 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

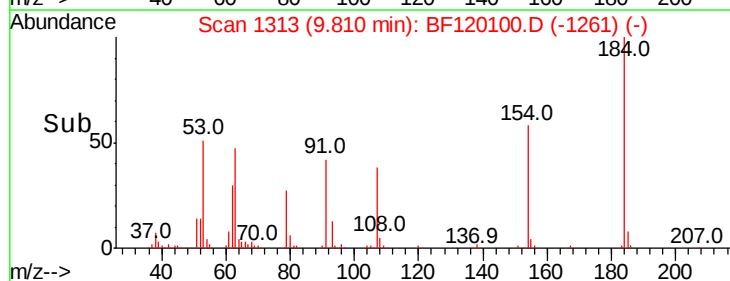
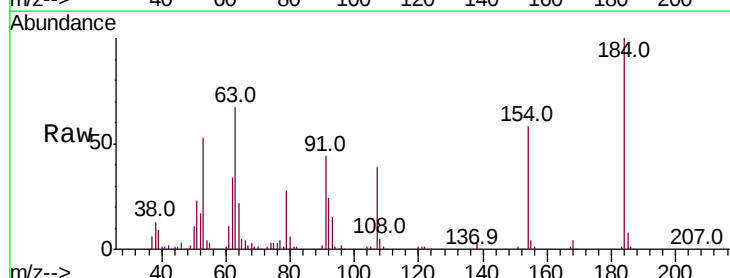
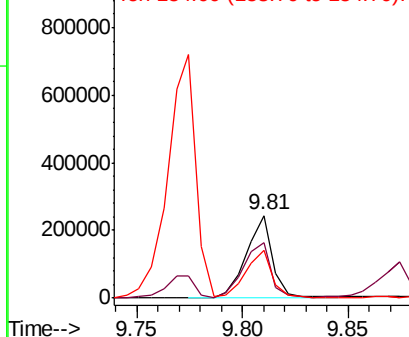
Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	49.8	74.6
154	58.2	46.5	69.7

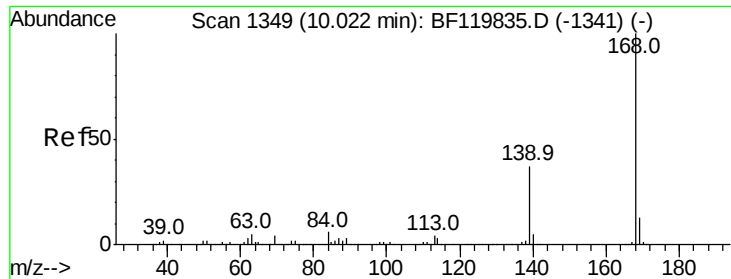
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





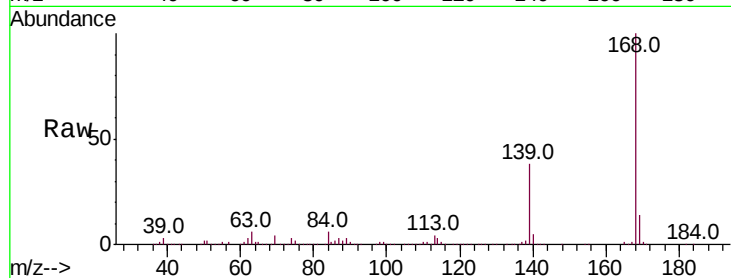
#55
Dibenzofuran
Concen: 47.992 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.8	10.6	15.8

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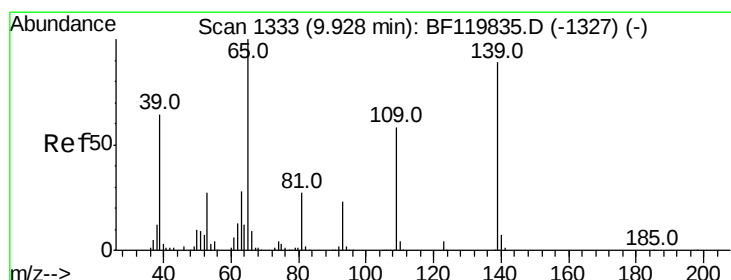
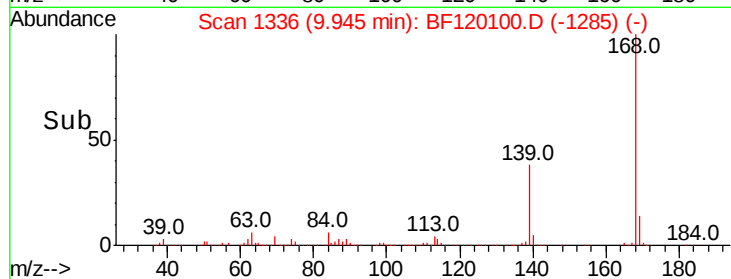
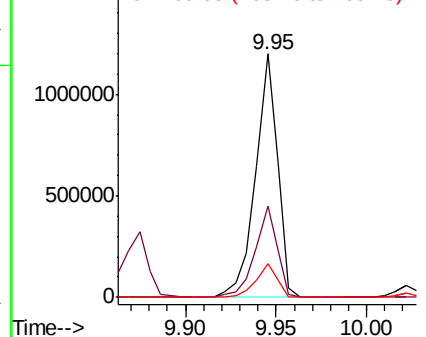


Abundance

Ion 168.00 (167.70 to 168.70): E

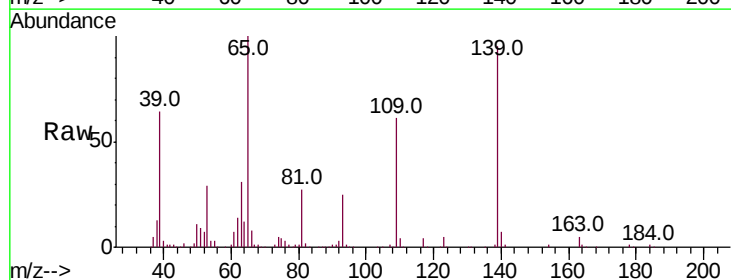
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.998 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.5	85.5
65	105.6	92.3	132.3

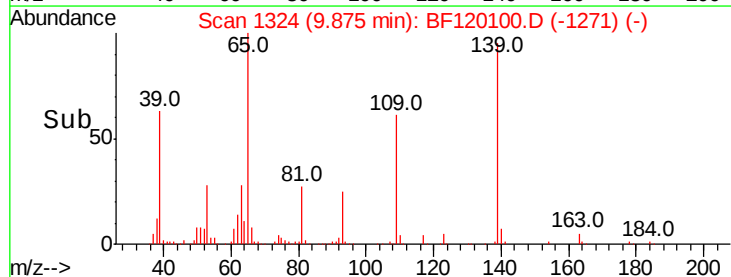
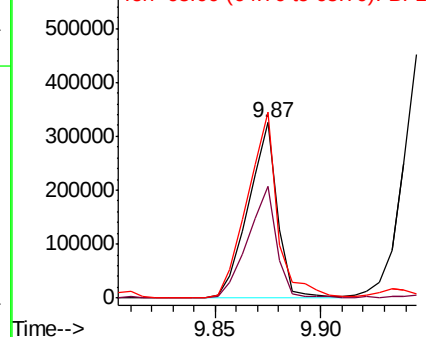


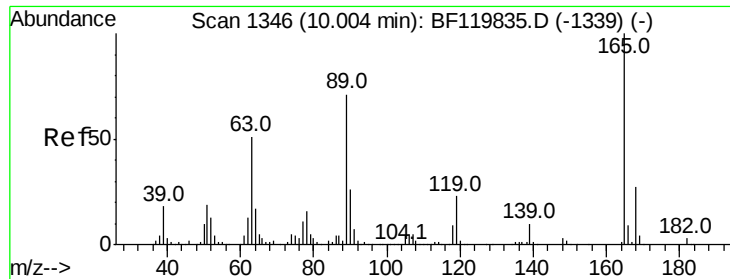
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





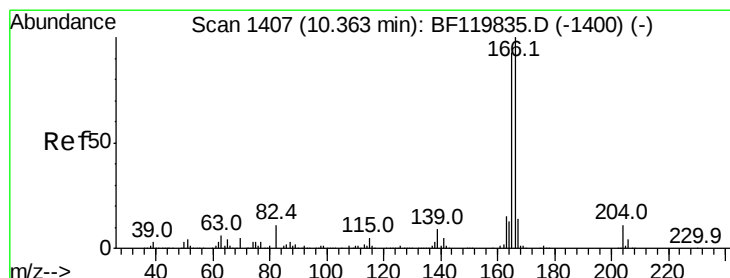
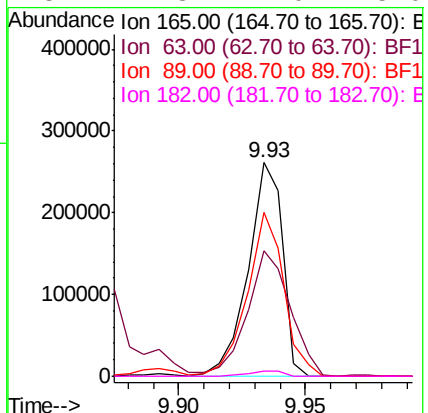
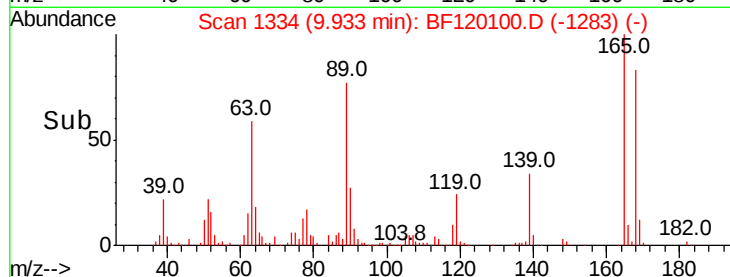
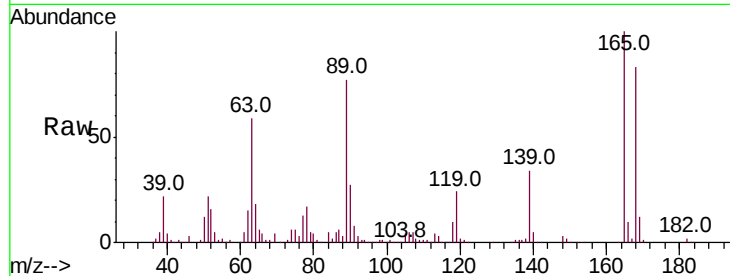
#57
2,4-Dinitrotoluene
Concen: 47.533 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247070		
63	58.8	40.8	61.2	
89	76.8	56.9	85.3	
182	2.3	2.0	3.0	

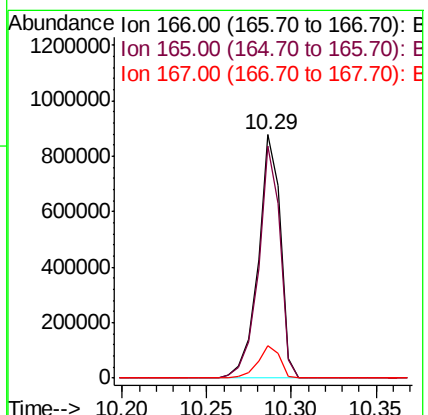
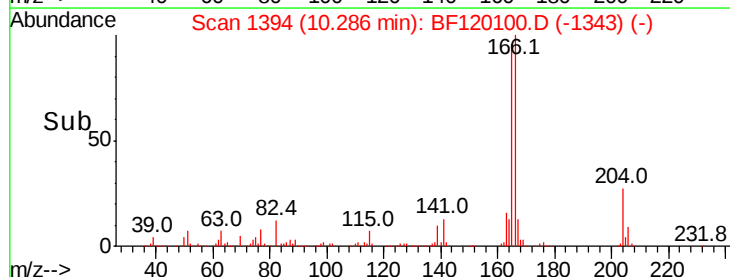
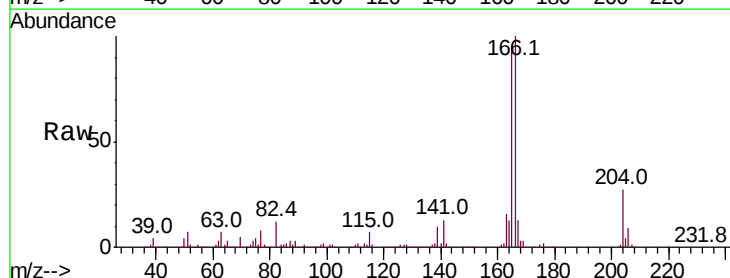
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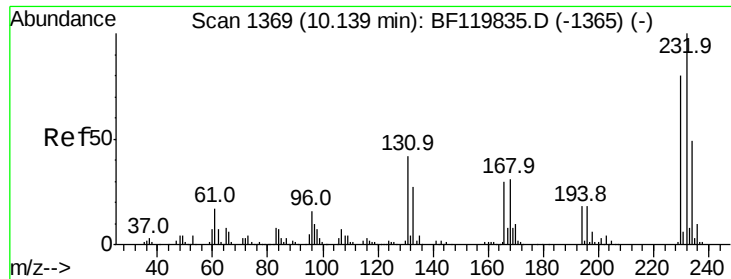
mohammad
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#58
Fluorene
Concen: 47.437 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	799861		
165	95.6	74.2	111.2	
167	13.4	10.8	16.2	





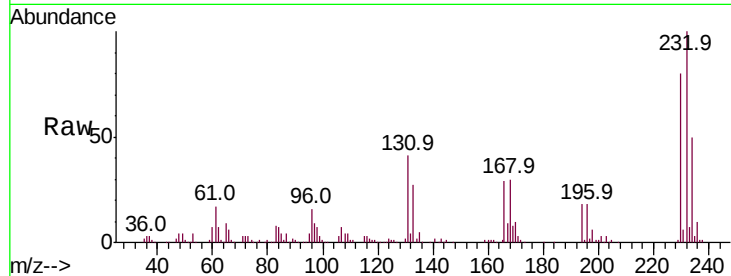
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.078 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

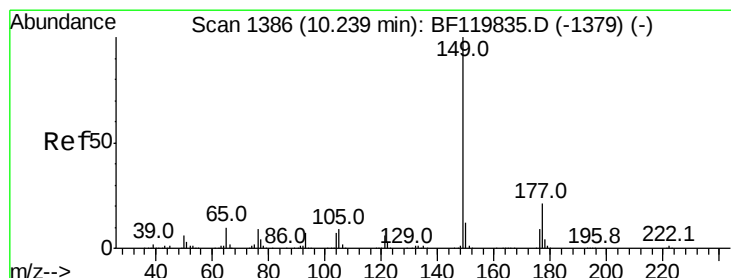
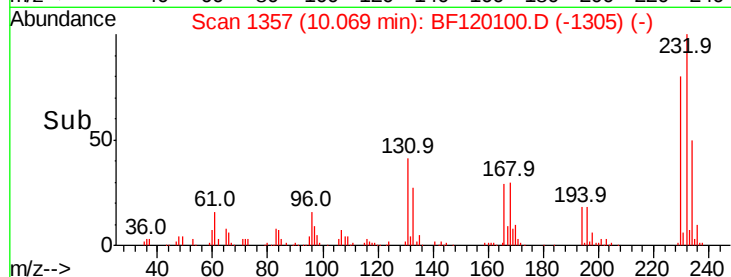
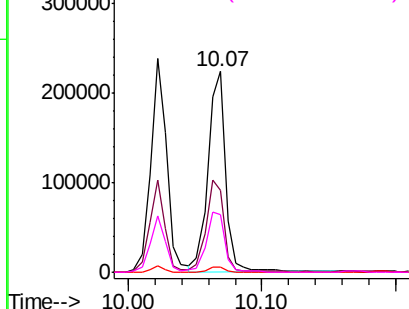
Tot Ion	Ratio	Resp	Lower	Upper
232	100	206013		
131	47.1		37.9	56.9
130	2.4		1.8	2.6
166	31.3		25.4	38.0

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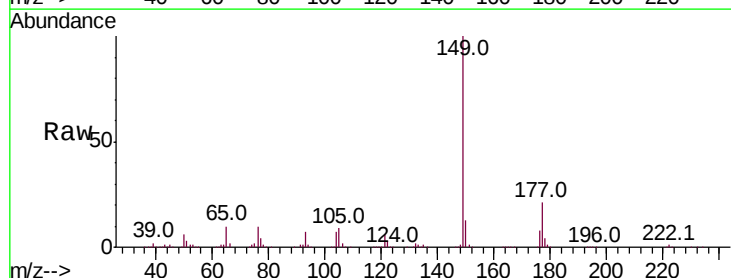


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

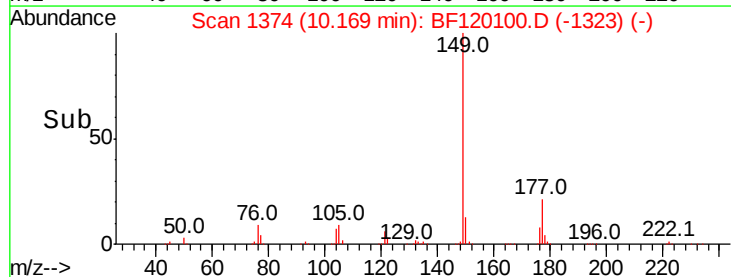
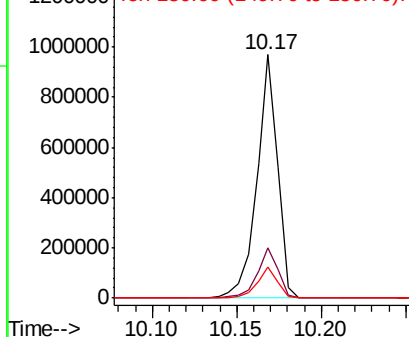


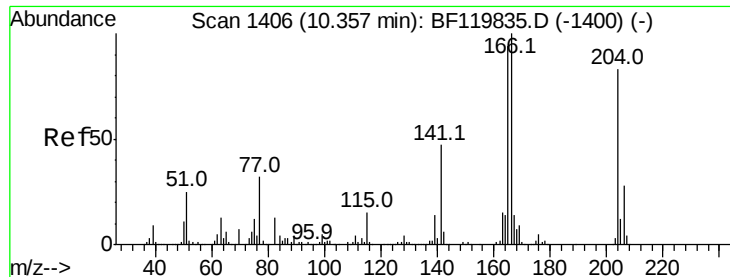
#60
 Diethylphthalate
 Concen: 44.310 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	827379		
177	20.7		16.8	25.2
150	12.9		9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





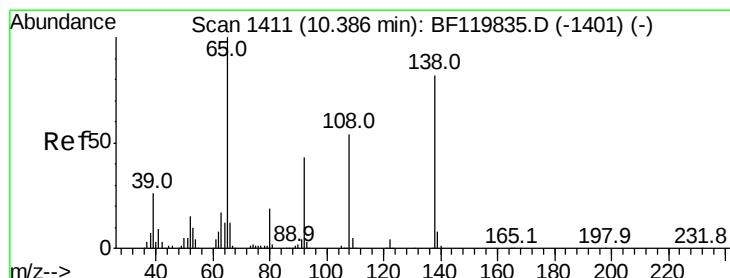
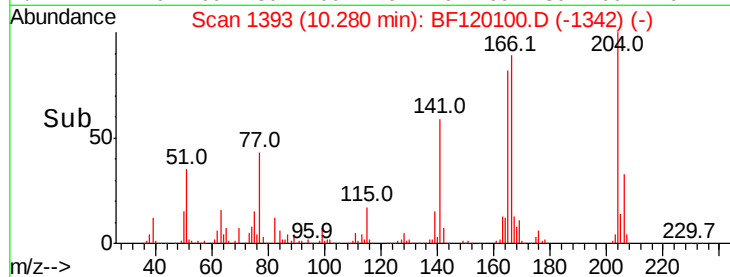
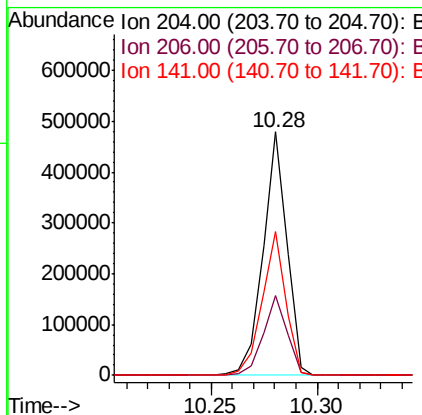
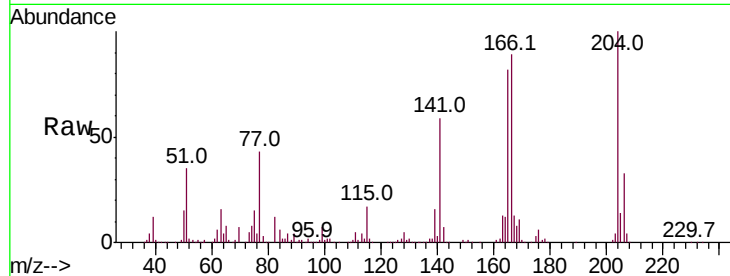
#61
 4-Chlorophenyl-phenylether
 Concen: 43.460 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion:	204	Resp:	375584
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	59.3	45.8	68.8

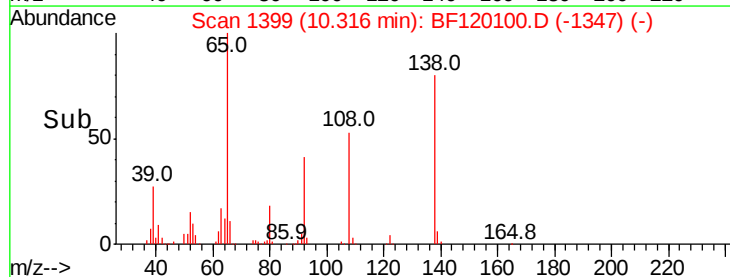
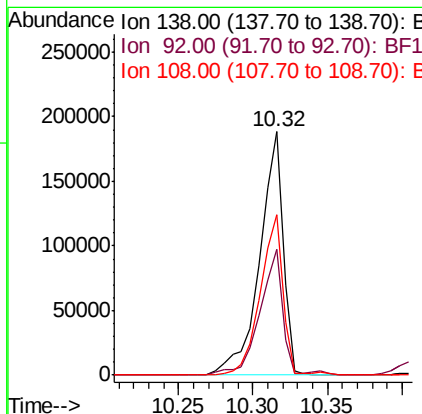
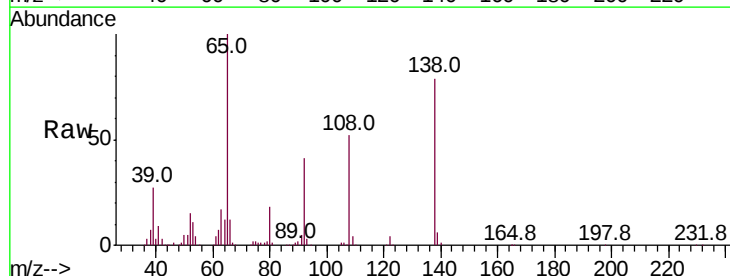
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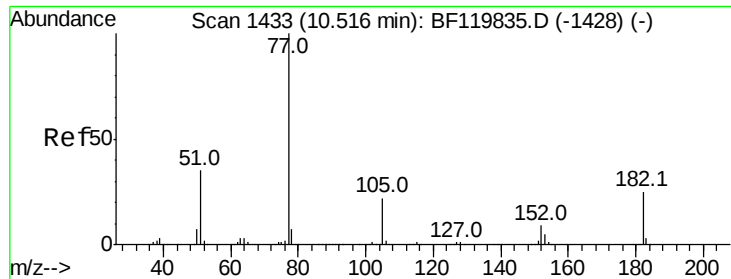
mohammad
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#62
 4-Nitroaniline
 Concen: 47.368 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion:	138	Resp:	203403
Ion Ratio	Lower	Upper	
138	100		
92	51.6	31.6	71.6
108	66.1	45.2	85.2





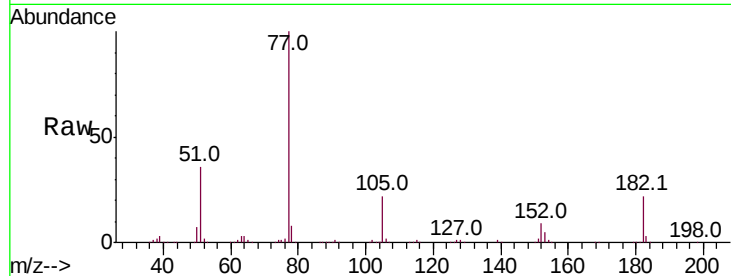
#63
Azobenzene
Concen: 47.700 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.5	44.5
105	21.7	2.2	42.2
51	36.0	15.1	55.1

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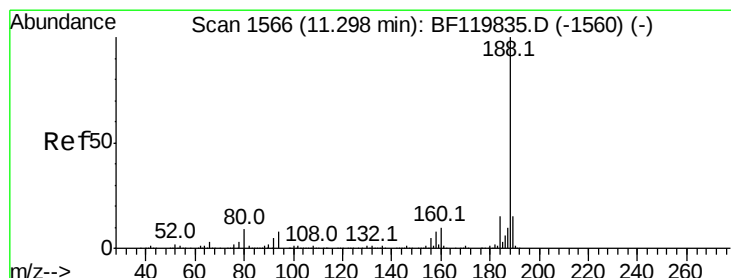
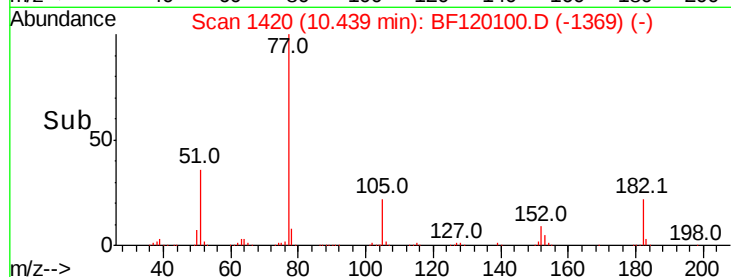
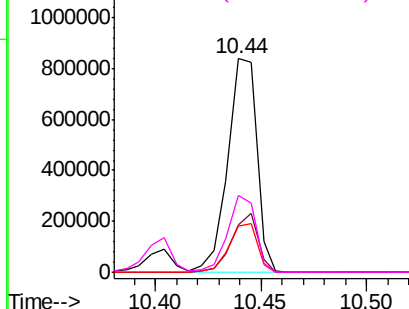
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

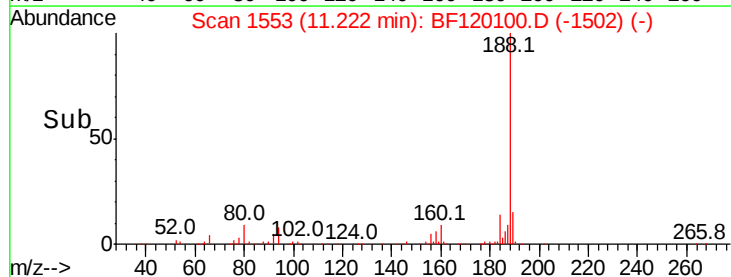
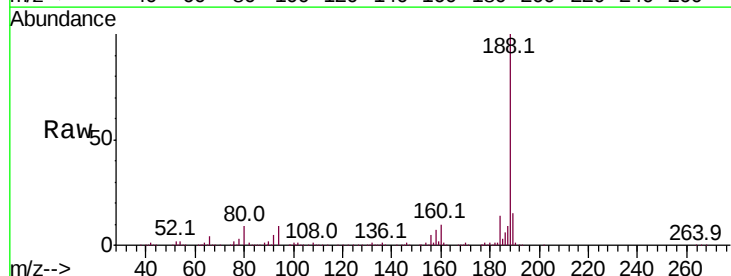
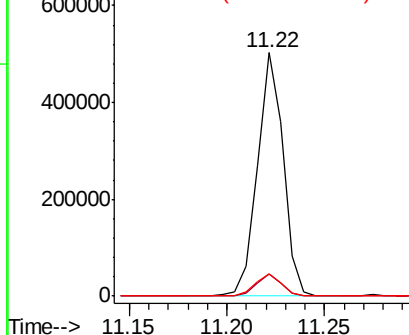
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.2	7.4	11.2

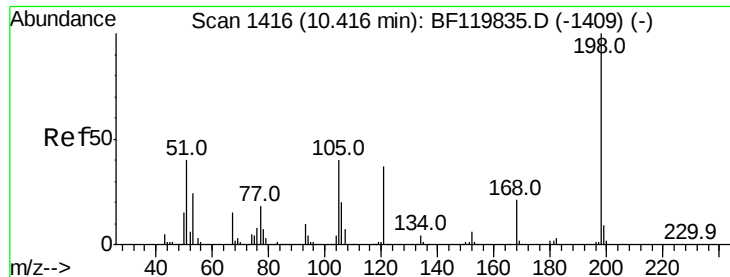
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.556 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampleId :

PB128341BS

Tot Ion:198 Resp: 143784

Ion Ratio Lower Upper

198 100

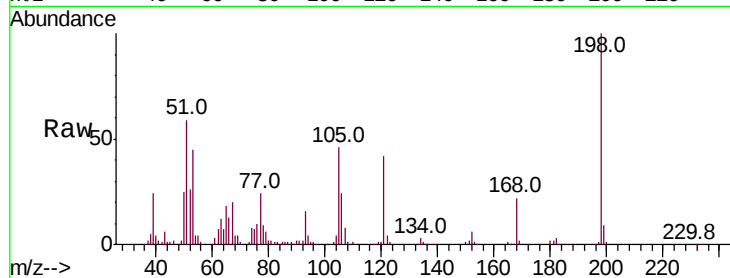
51 58.7 25.2 65.2

105 46.5 20.8 60.8

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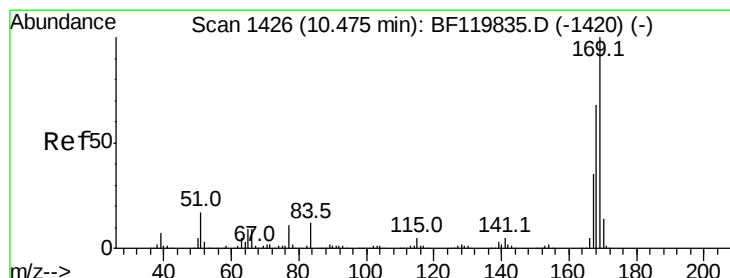
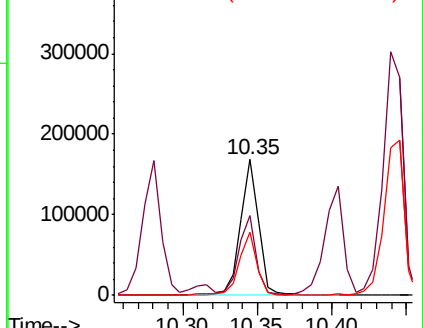
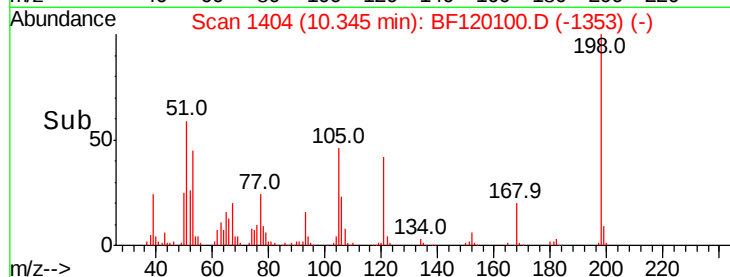
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.799 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

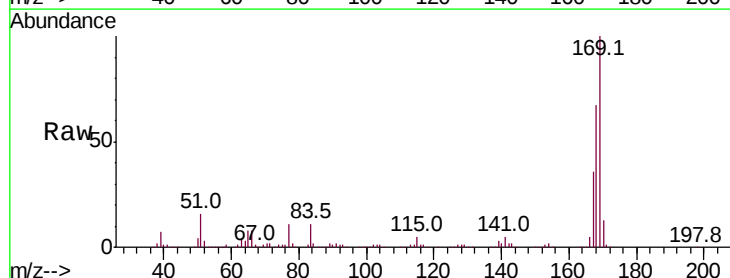
Tgt Ion:169 Resp: 714277

Ion Ratio Lower Upper

169 100

168 66.6 54.2 81.4

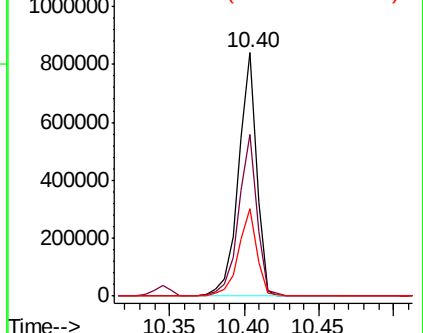
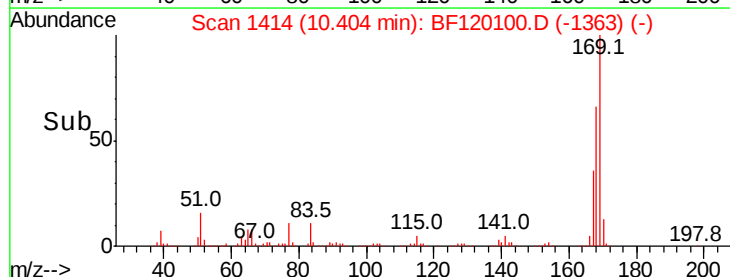
167 36.0 28.3 42.5

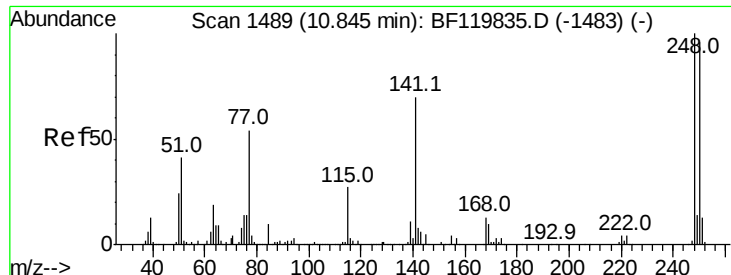


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





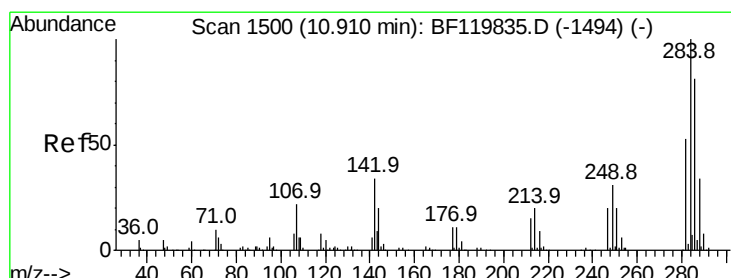
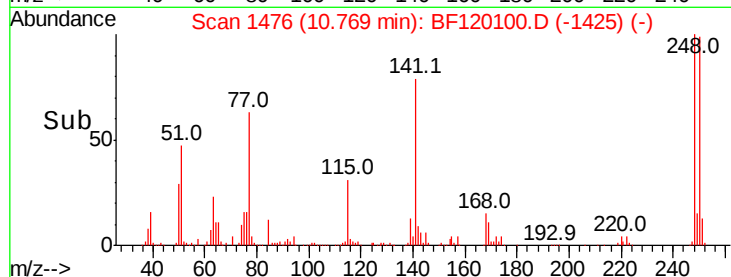
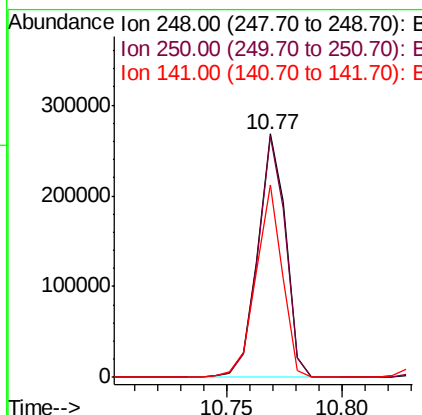
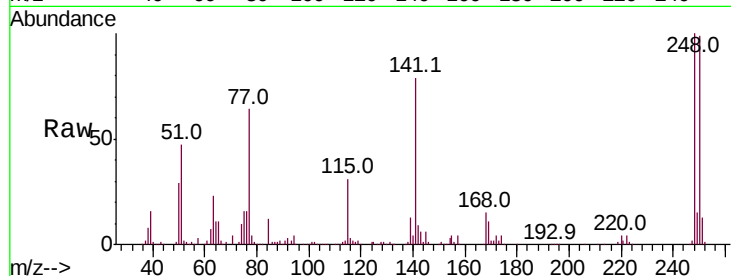
#67
4-Bromophenyl-phenylether
Concen: 39.724 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.6	114.8
141	79.1	55.9	83.9

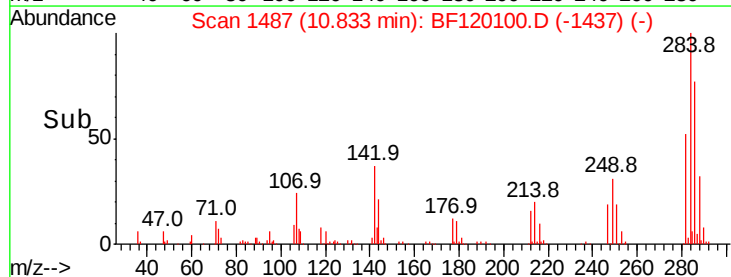
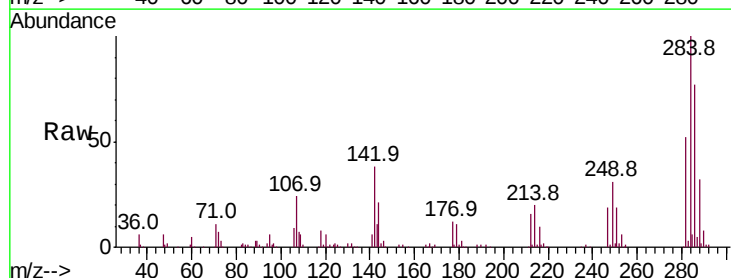
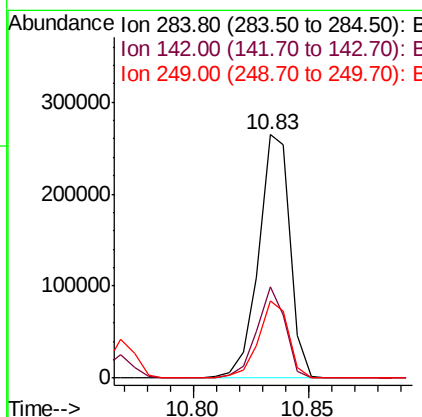
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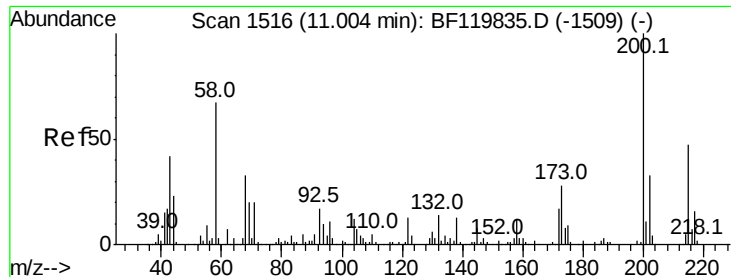
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#68
Hexachlorobenzene
Concen: 43.284 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	26.9	40.3
249	31.5	24.6	37.0





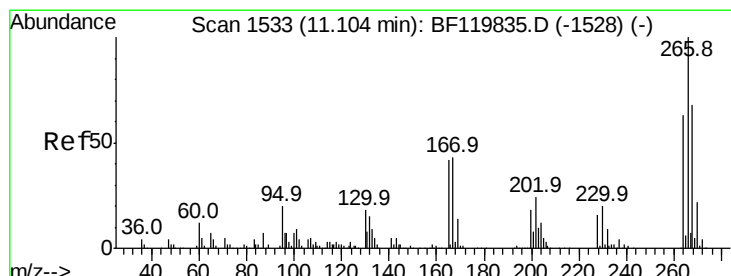
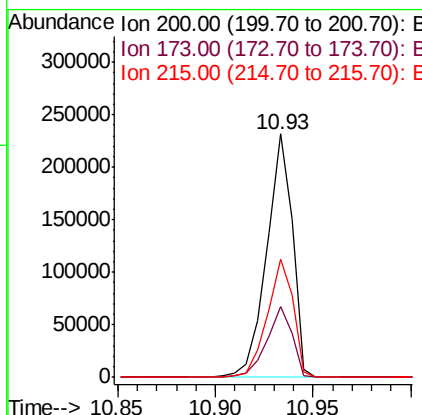
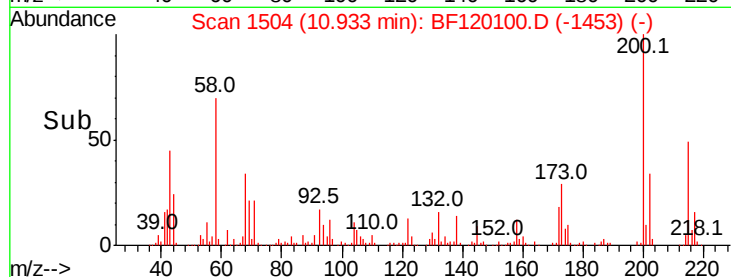
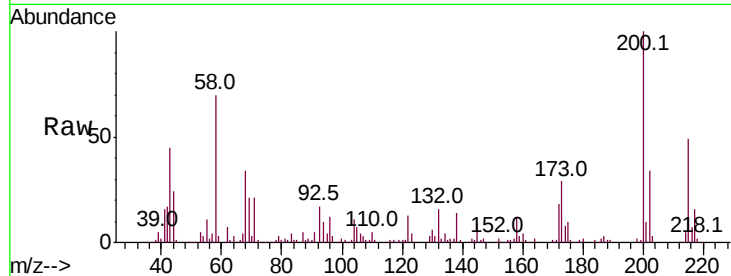
#69
Atrazine
Concen: 49.877 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	211807		
173	29.2	8.0	48.0	
215	48.5	27.1	67.1	

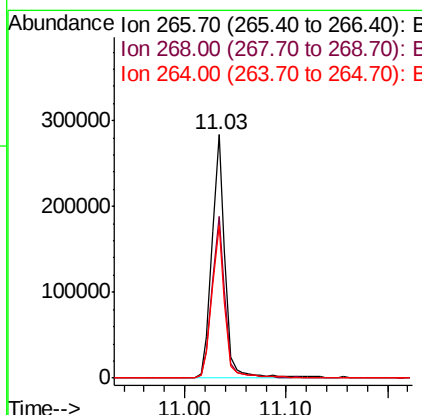
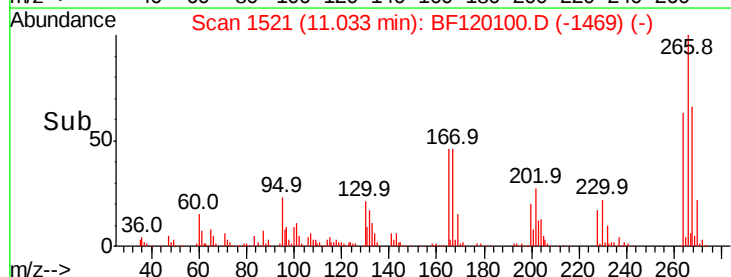
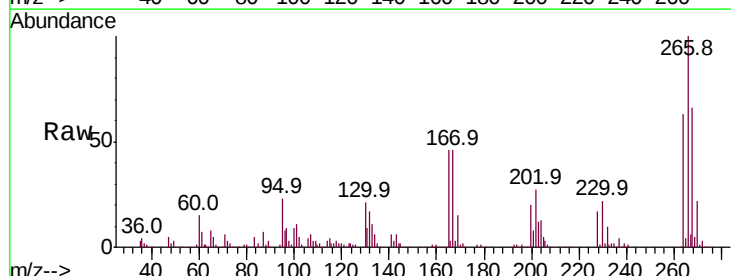
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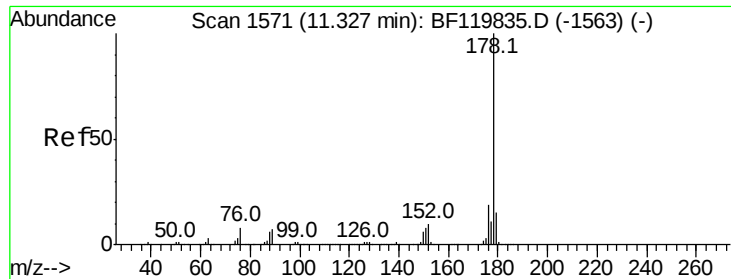
mohammad
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#70
Pentachlorophenol
Concen: 77.308 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257941		
268	66.4	54.2	81.4	
264	62.6	50.6	76.0	





#71

Phenanthrene

Concen: 47.806 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampleId :

PB128341BS

Tot Ion:178 Resp: 1167649

Ion Ratio Lower Upper

178 100

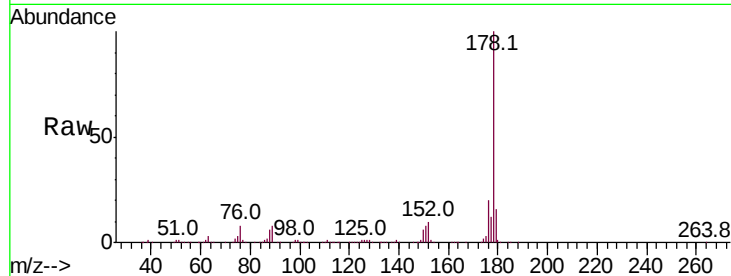
176 19.5 15.1 22.7

179 15.8 12.2 18.4

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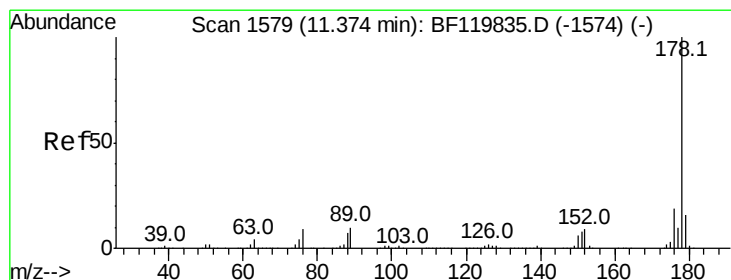
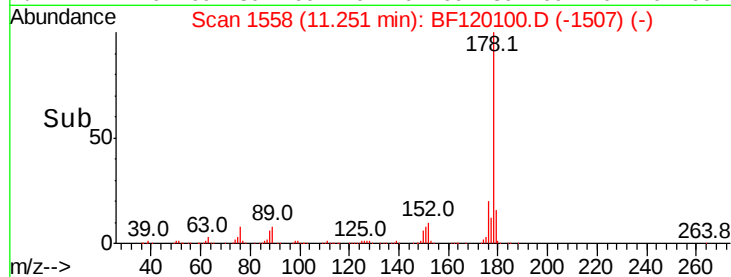
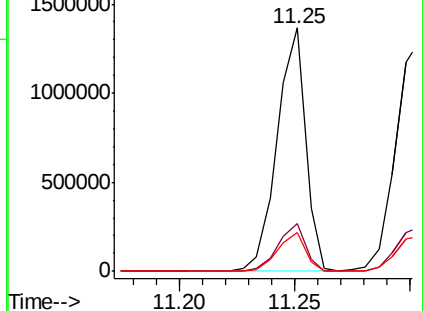
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.325 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:178 Resp: 1205775

Ion Ratio Lower Upper

178 100

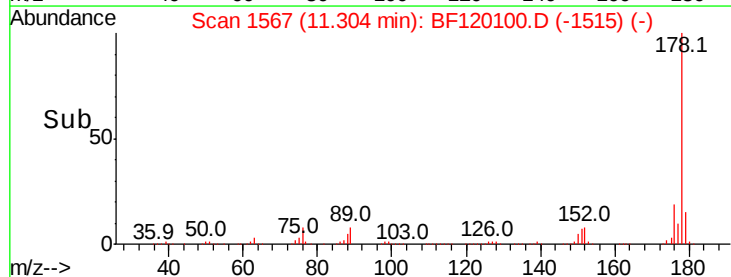
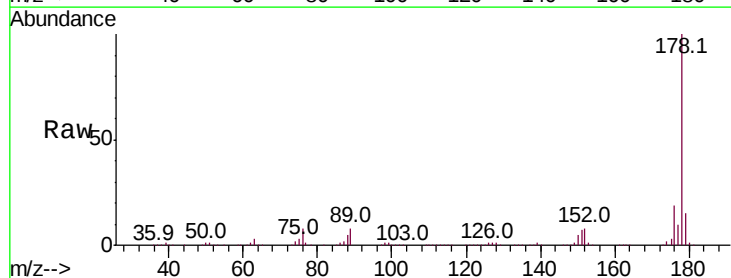
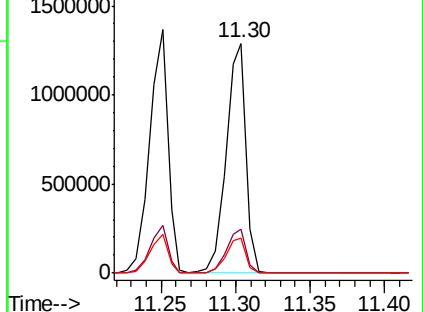
176 19.0 15.4 23.2

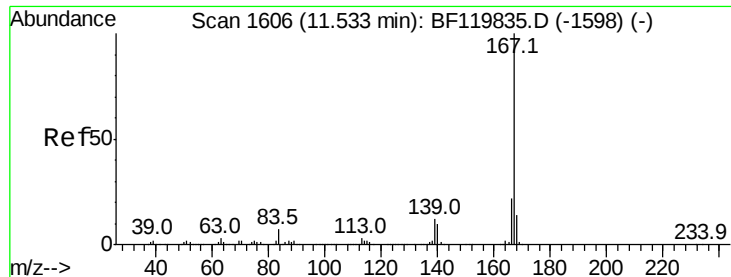
179 15.4 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





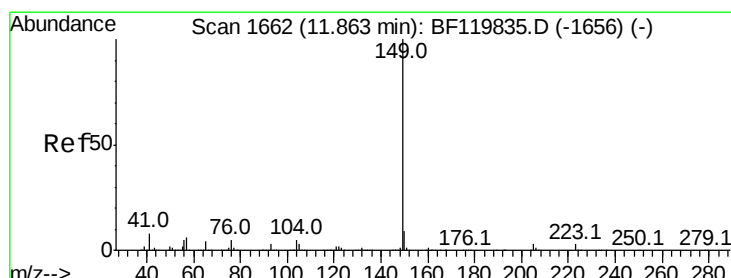
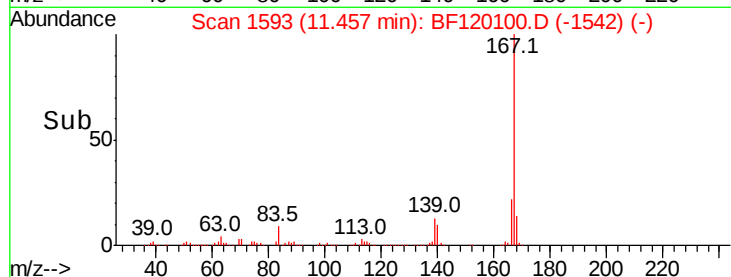
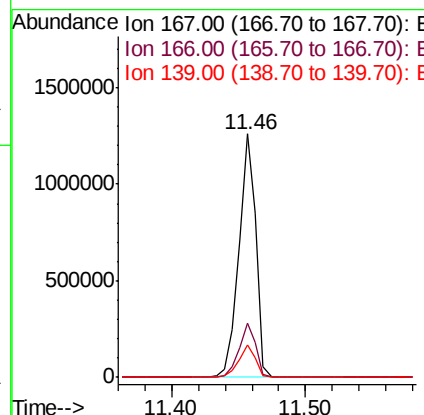
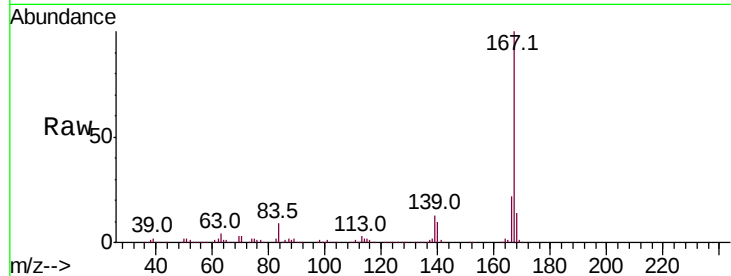
#73
 Carbazole
 Concen: 47.568 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion:167 Resp: 1122417
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.1 9.8 14.8

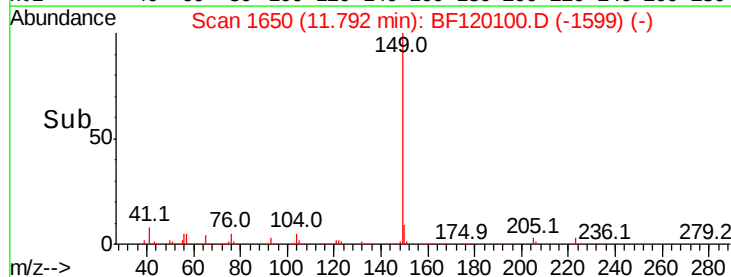
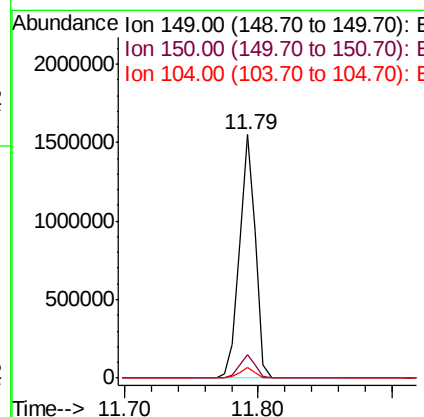
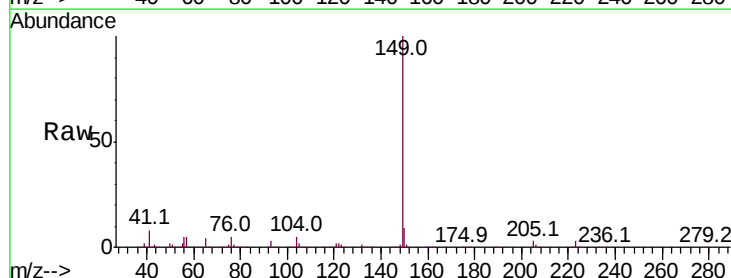
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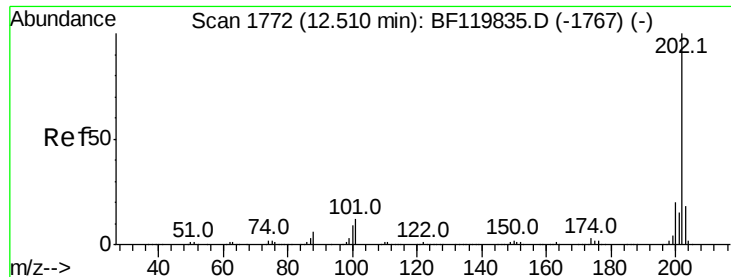
mohammad
 4/24/2020 4:16:57 AM



#74
 Di-n-butylphthalate
 Concen: 41.872 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion:149 Resp: 1298828
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.5 3.8 5.6





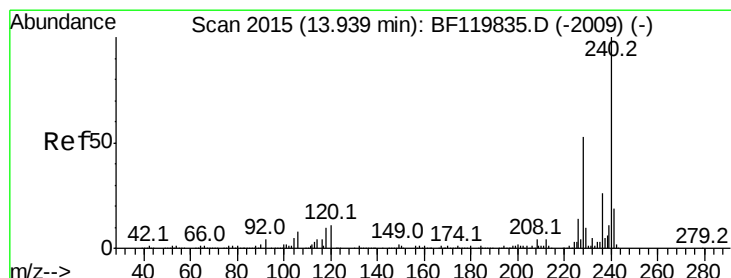
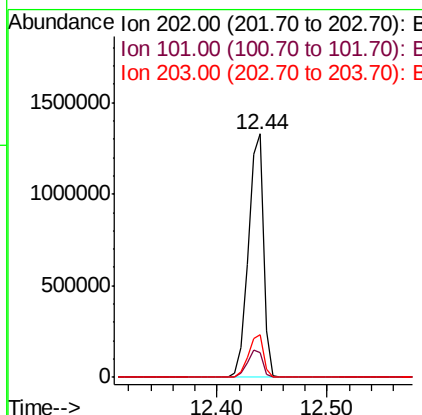
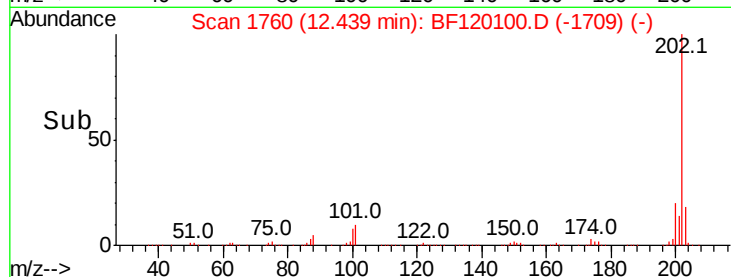
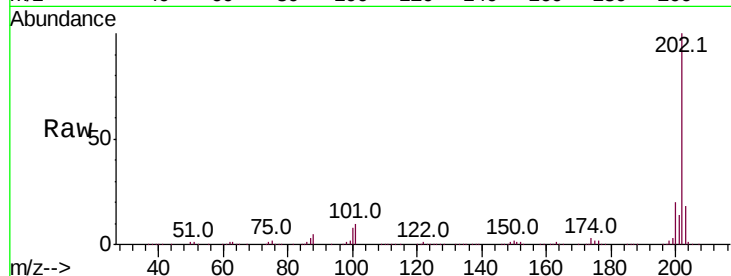
#75
 Fluoranthene
 Concen: 48.604 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1280926		
101	10.2		0.0	32.3
203	17.6		0.0	37.6

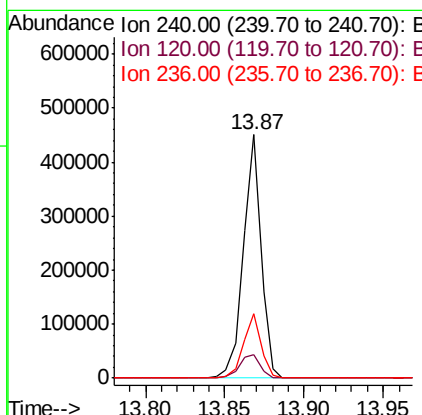
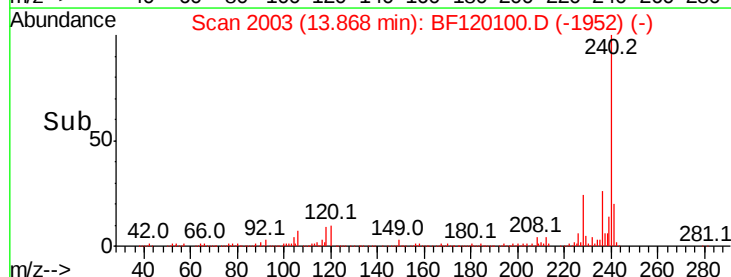
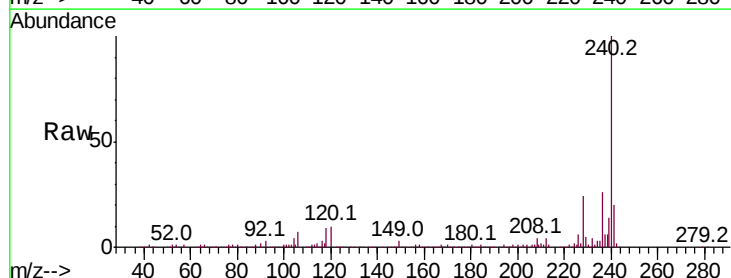
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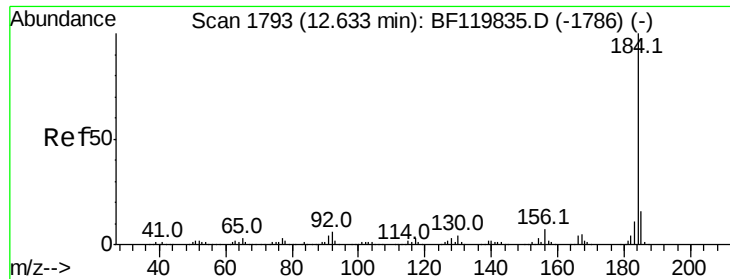
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	348323		
120	9.6		9.0	13.6
236	26.4		20.7	31.1





#77

Benzidine

Concen: 44.143 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampleId :

PB128341BS

Tot Ion:184 Resp: 519756

Ion Ratio Lower Upper

184 100

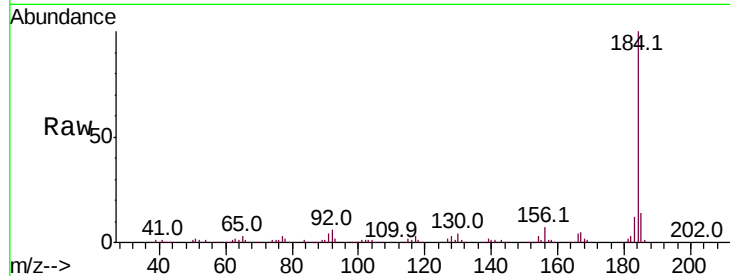
185 14.3 13.2 19.8

183 11.5 9.1 13.7

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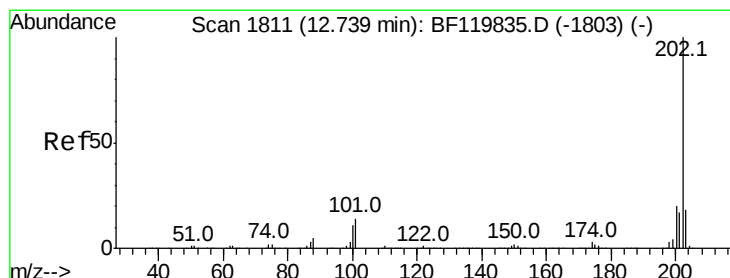
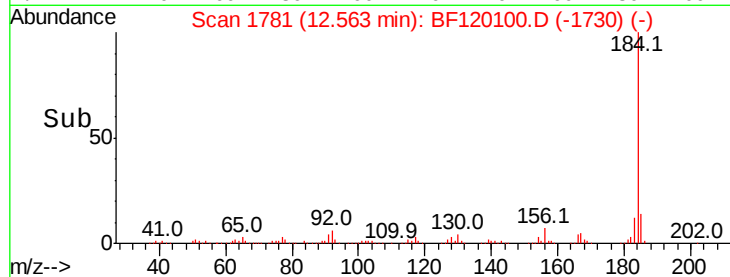
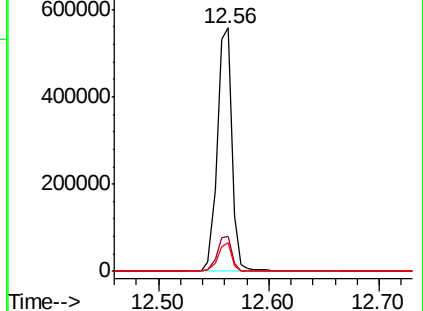
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.242 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

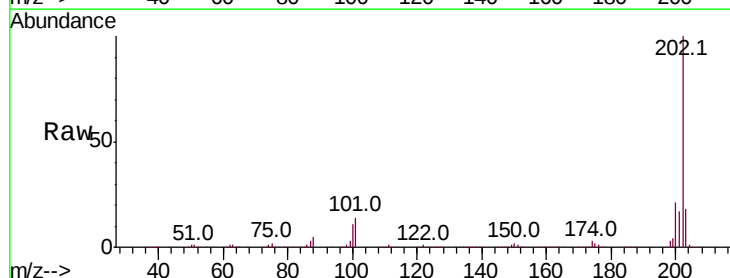
Tgt Ion:202 Resp: 1299130

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

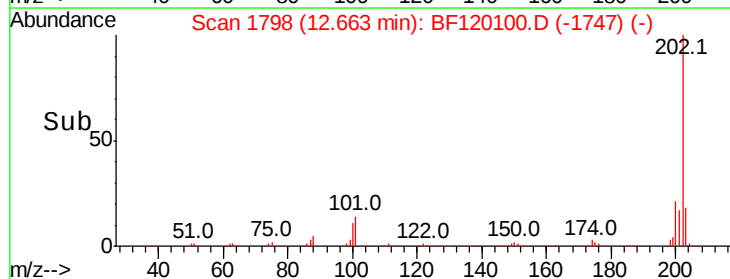
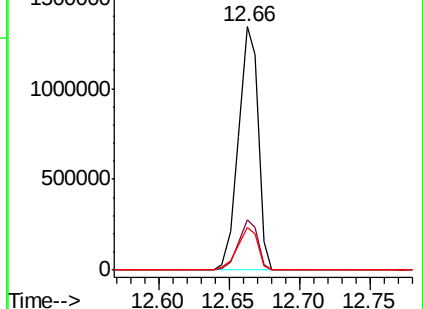
203 17.6 14.1 21.1

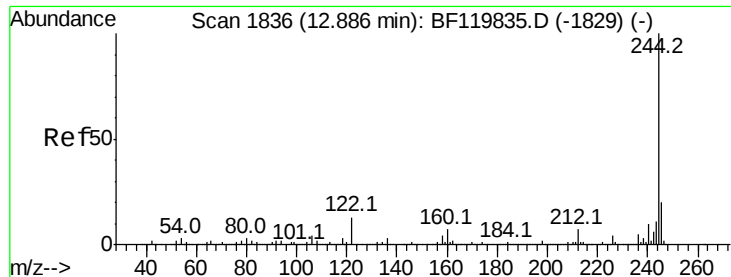


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





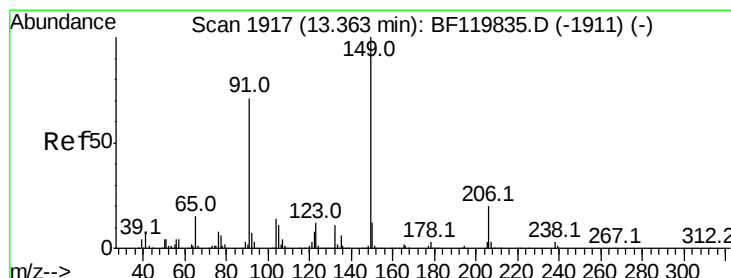
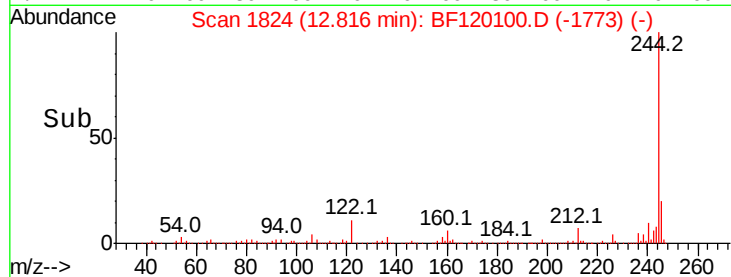
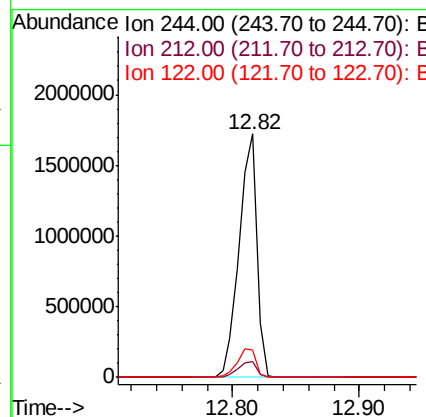
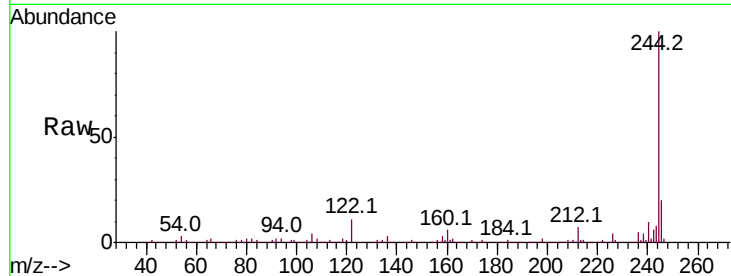
#79
 Terphenyl-d14
 Concen: 79.684 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	10.3	15.5

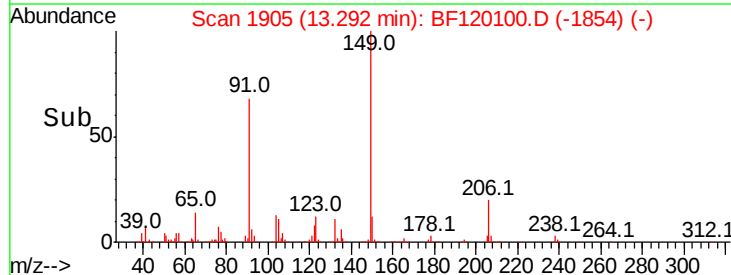
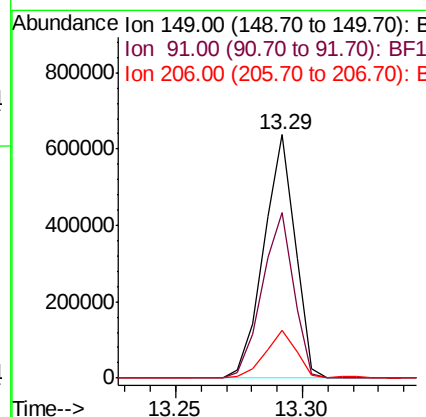
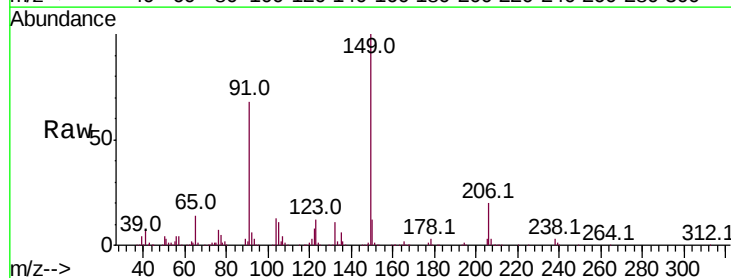
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#80
 Butylbenzylphthalate
 Concen: 38.732 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.7	85.1
206	19.5	15.7	23.5





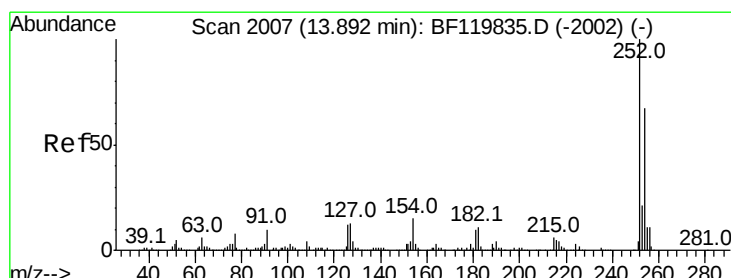
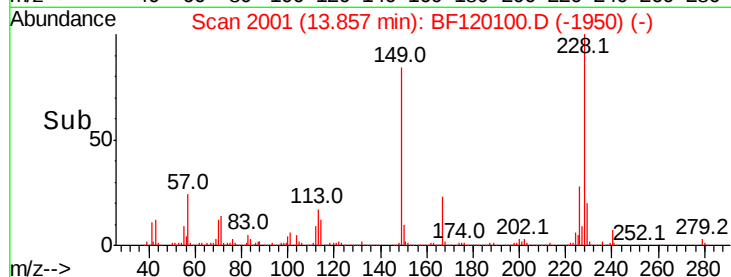
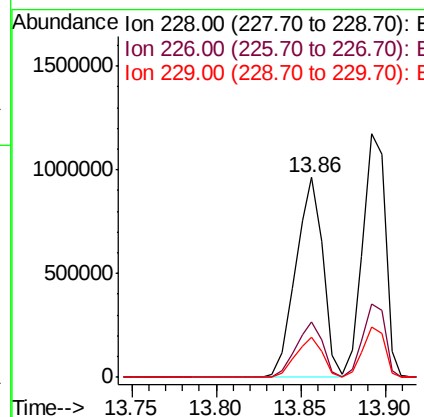
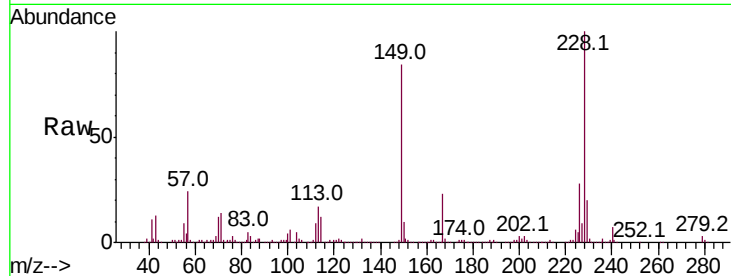
#81
Benzo(a)anthracene
Concen: 47.235 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion:228 Resp: 1082377
Ion Ratio Lower Upper
228 100
226 27.7 21.9 32.9
229 20.0 15.9 23.9

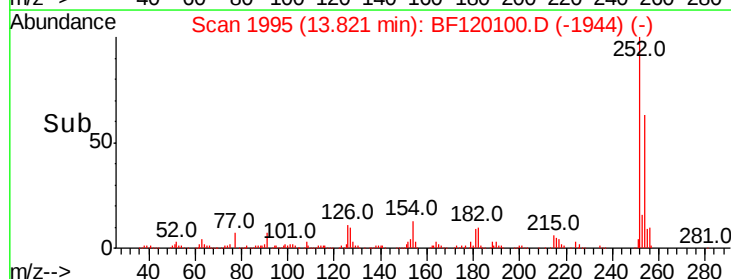
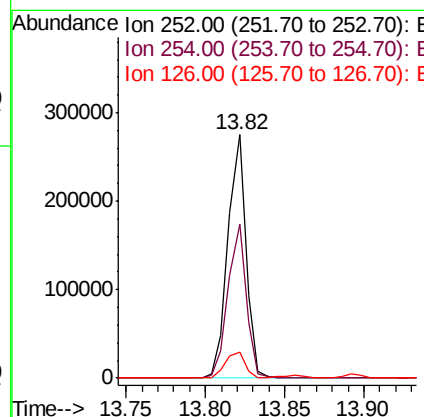
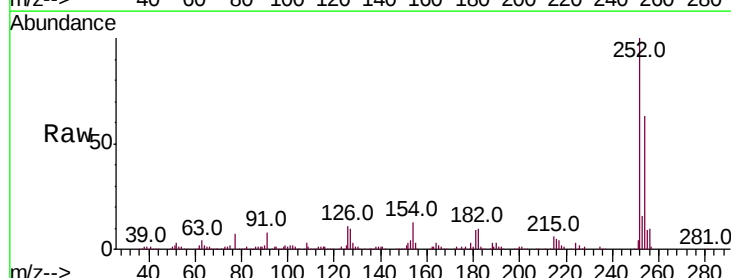
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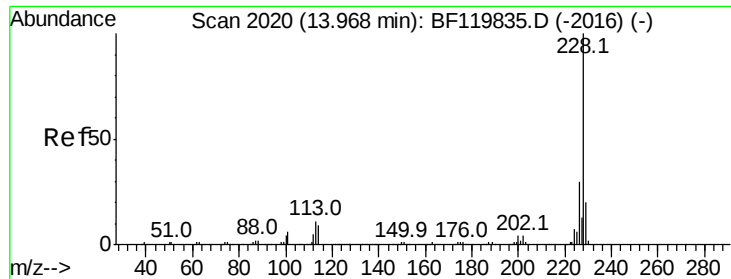
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#82
3,3'-Dichlorobenzidine
Concen: 25.554 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:252 Resp: 218486
Ion Ratio Lower Upper
252 100
254 63.0 53.9 80.9
126 10.7 9.7 14.5





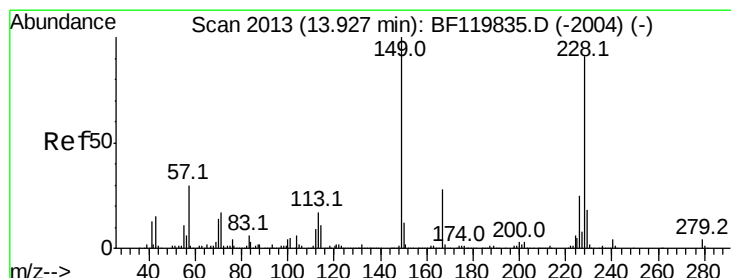
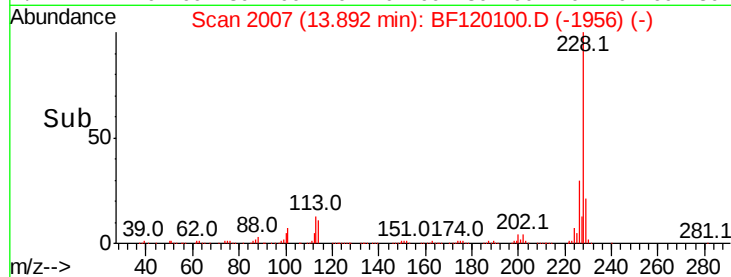
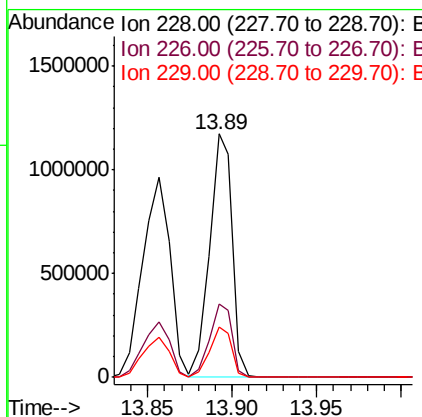
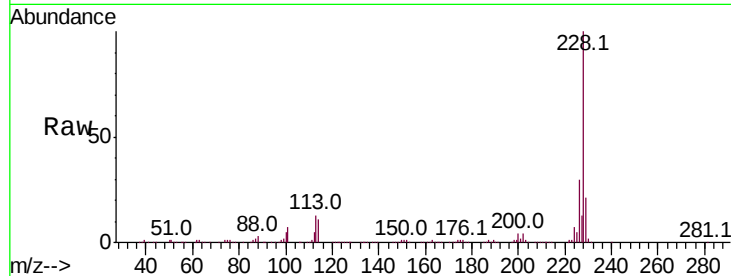
#83
 Chrvsene
 Concen: 47.023 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 PB128341BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.6	15.9	23.9

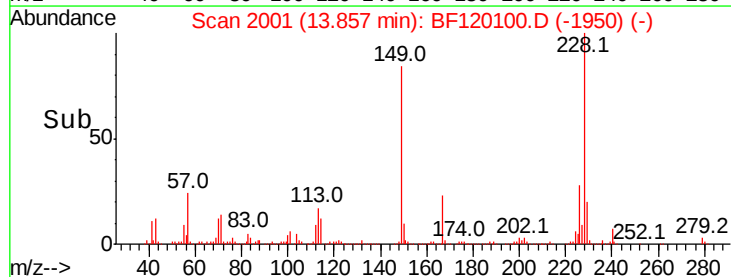
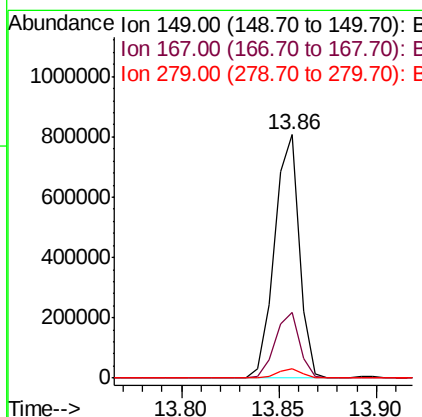
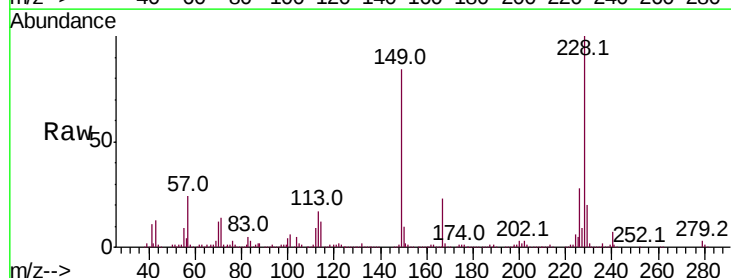
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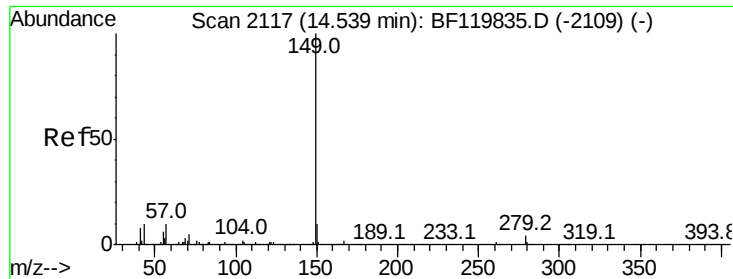
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.727 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF120100.D
 Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.7	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 38.012 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

ClientSampleId :

PB128341BS

Tot Ion:149 Resp: 1248829

Ion Ratio Lower Upper

149 100

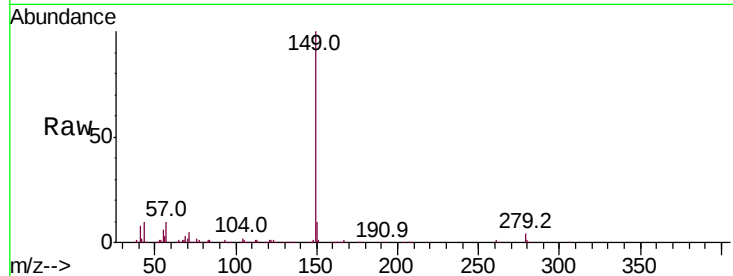
167 1.6 1.2 1.8

43 11.0 9.2 13.8

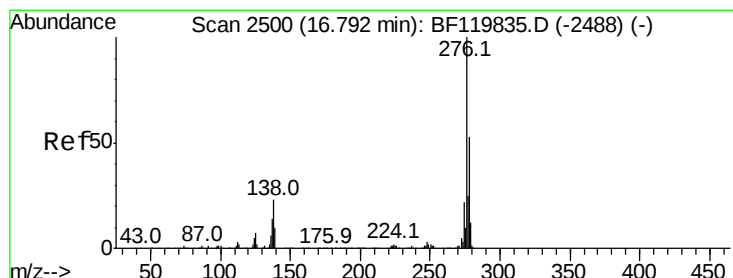
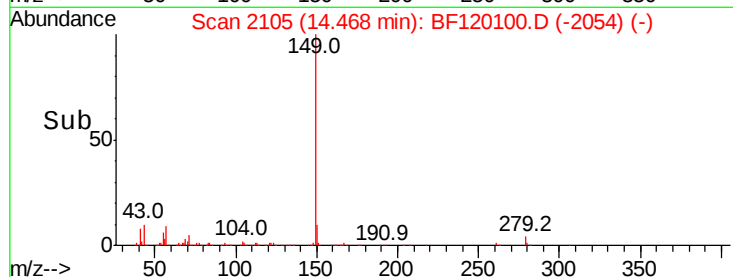
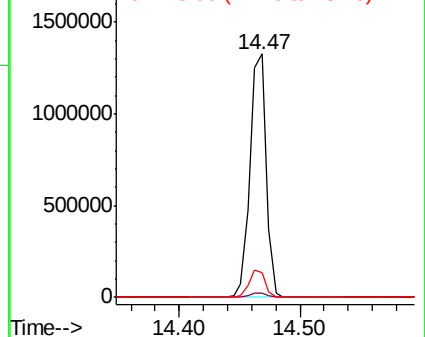
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.861 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

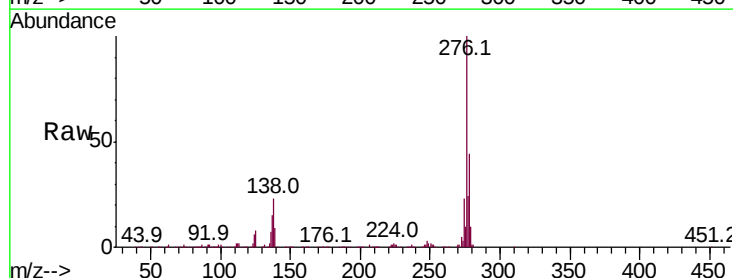
Tgt Ion:276 Resp: 879686

Ion Ratio Lower Upper

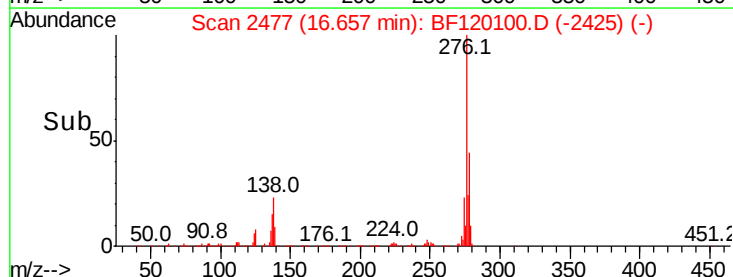
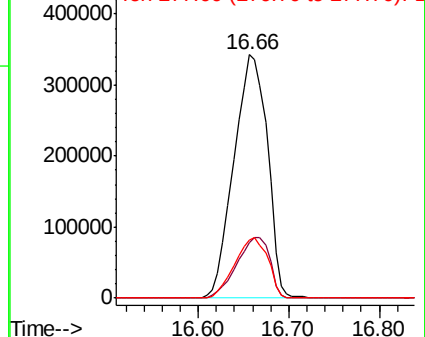
276 100

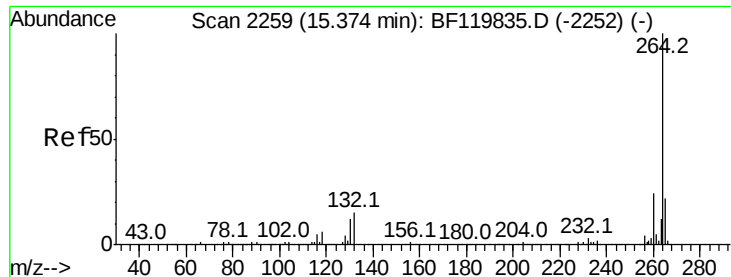
138 24.7 18.0 27.0

277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

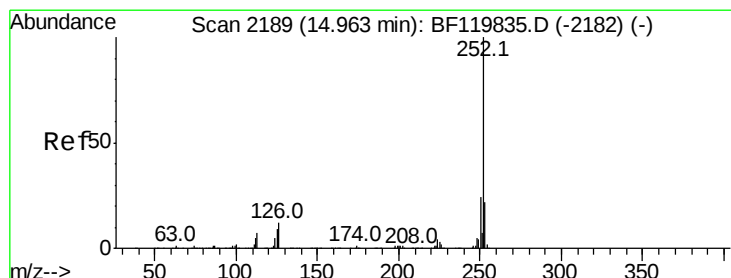
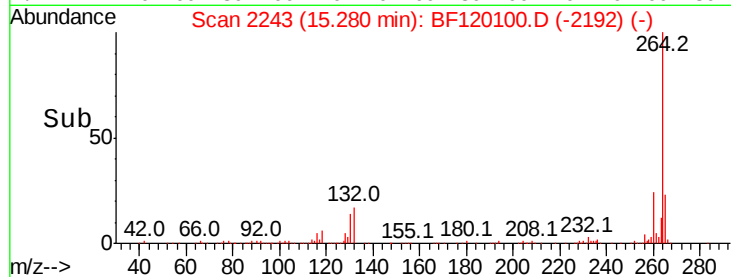
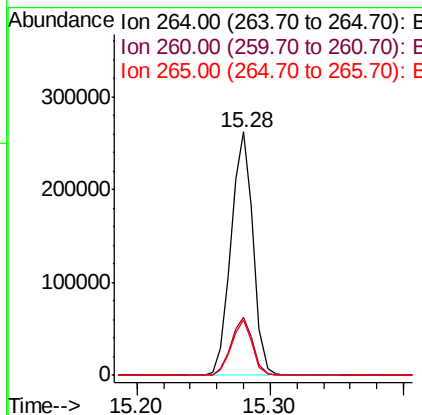
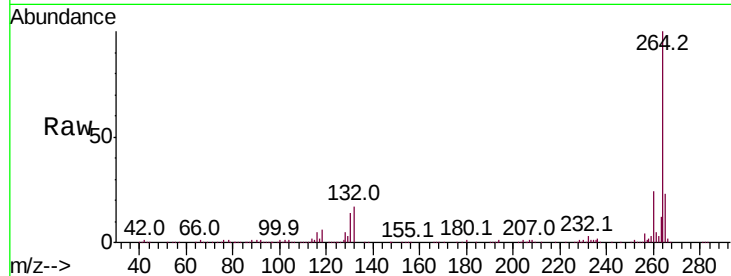
ClientSampleId :

PB128341BS

Tot Ion:	264	Resp:	303463
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	22.6	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 45.214 ng

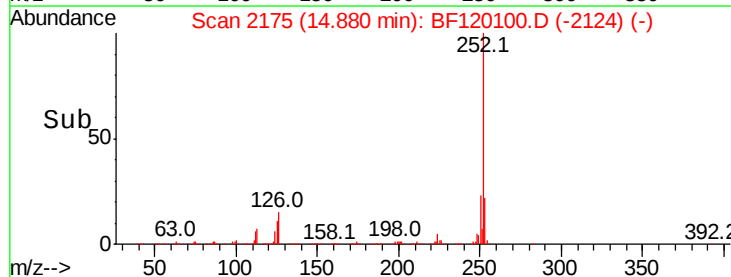
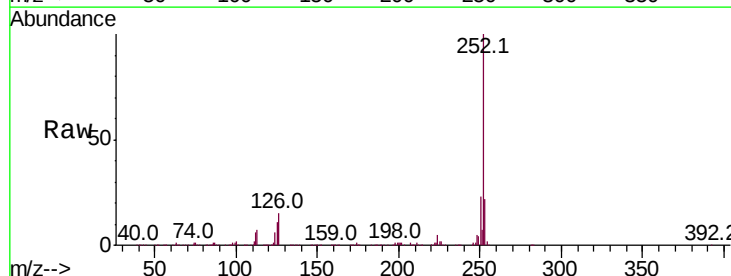
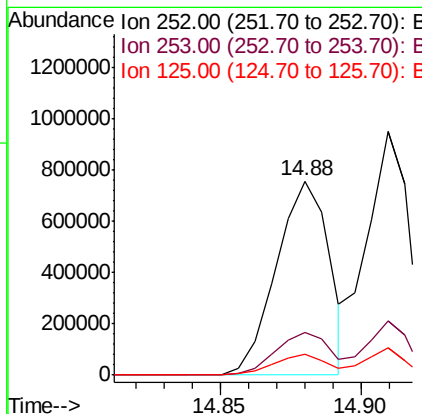
RT: 14.88 min Scan# 2175

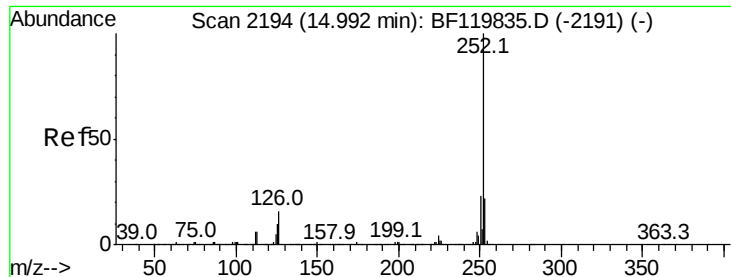
Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:	252	Resp:	987050
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	10.9	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 51.852 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Instrument :

BNA_F

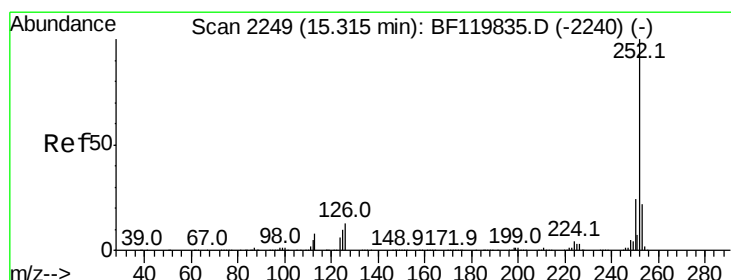
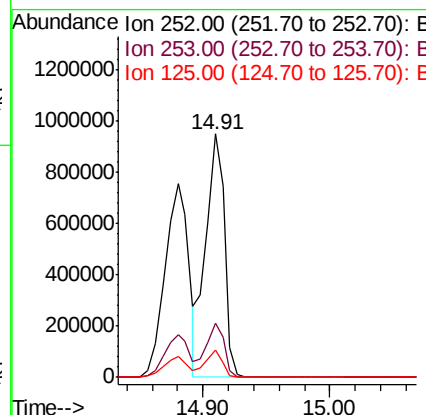
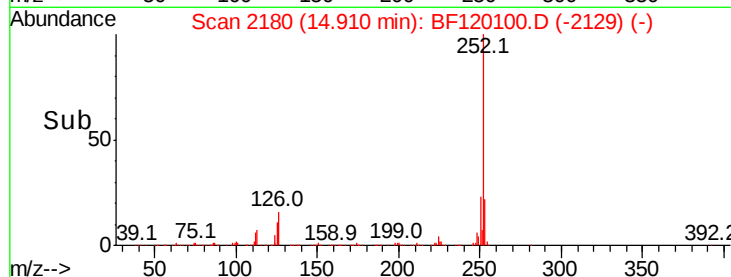
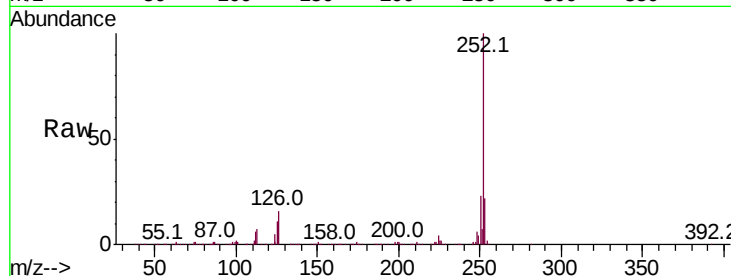
ClientSampleId :

PB128341BS

Tot Ion:	252	Resp:	976662
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	11.3	7.7	11.5

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#90

Benzo(a)pyrene

Concen: 45.579 ng

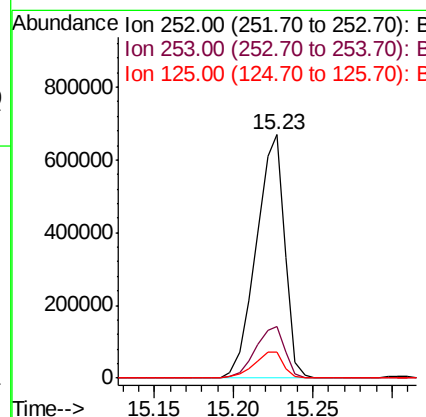
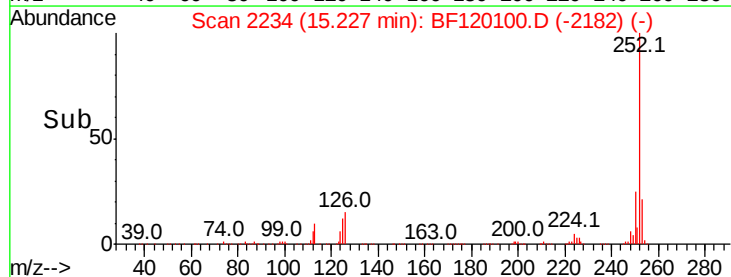
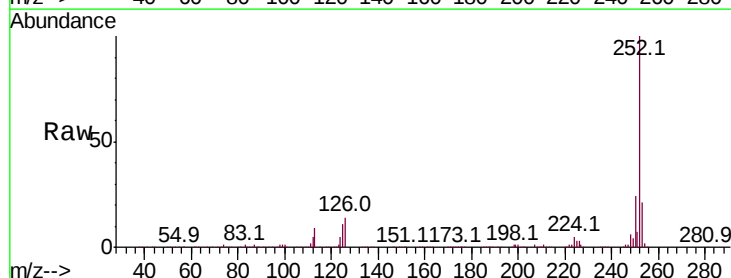
RT: 15.23 min Scan# 2234

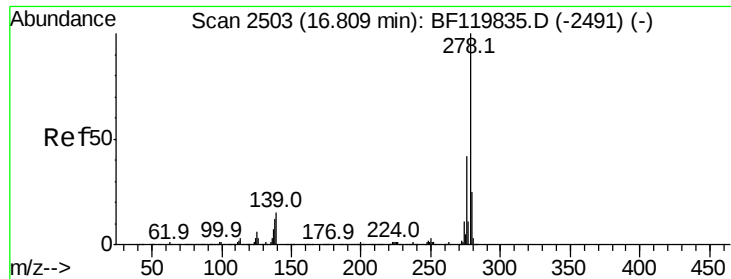
Delta R.T. 0.01 min

Lab File: BF120100.D

Acq: 21 Apr 2020 13:57

Tgt Ion:	252	Resp:	836602
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.2
125	10.5	8.3	12.5





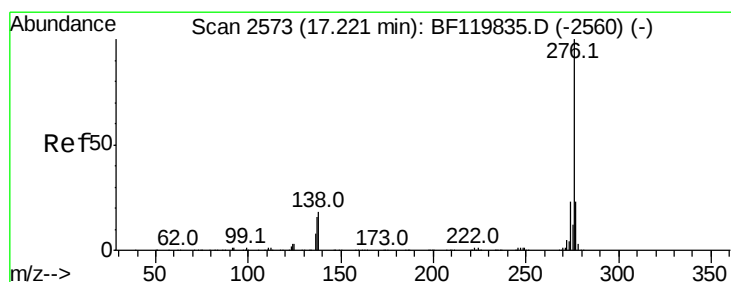
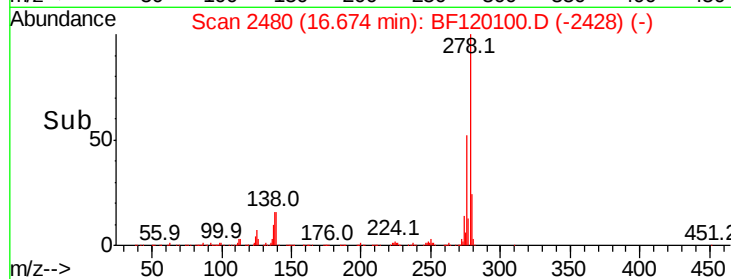
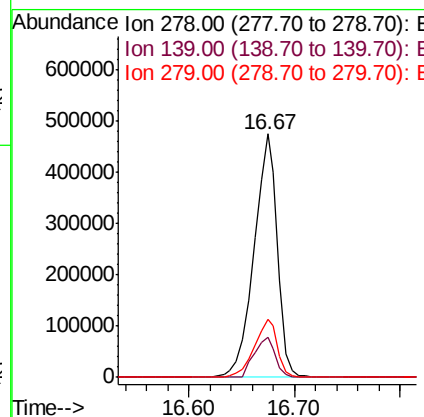
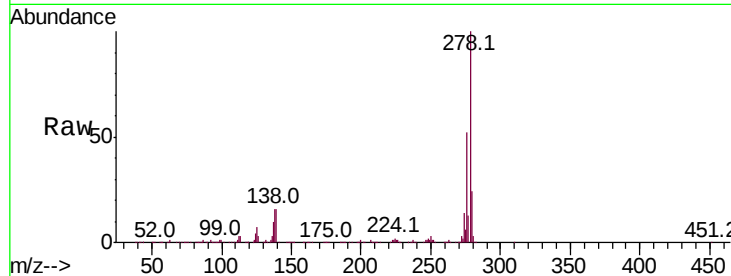
#91
Dibenzo(a,h)anthracene
Concen: 45.044 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.6	17.4
279	23.8	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/24/2020 4:16:57 AM



#92
Benzo(g,h,i)perylene
Concen: 42.971 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	20.4	14.6	22.0

