

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120101.D
 Acq On : 21 Apr 2020 14:45
 Operator : MA/SJ
 Sample : PB128243BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:17:00 AM

Quant Time: Apr 21 15:39:44 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	119708	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	456279	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	235555	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	463152	20.00	ng	0.00
76) Chrysene-d12	13.87	240	356871	20.00	ng	0.00
87) Perylene-d12	15.28	264	344430	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1016760	146.79	ng	0.02
7) Phenol-d6	6.34	99	1284003	143.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	789403	89.50	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	343251	119.02	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1517972	91.49	ng	0.00
79) Terphenyl-d14	12.82	244	1676631	79.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	137404	44.536	ng	96
3) Pyridine	3.07	79	371398	43.876	ng	95
4) n-Nitrosodimethylamine	3.03	42	216702	50.106	ng	96
6) Aniline	6.36	93	367739	31.391	ng	# 34
8) 2-Chlorophenol	6.48	128	408409	52.769	ng	100
9) Benzaldehyde	6.24	77	170323	32.946	ng	98
10) Phenol	6.35	94	515487	50.907	ng	91
11) bis(2-Chloroethyl)ether	6.43	93	382277	48.894	ng	99
12) 1,3-Dichlorobenzene	6.63	146	416083	49.106	ng	99
13) 1,4-Dichlorobenzene	6.71	146	420929	48.768	ng	98
14) 1,2-Dichlorobenzene	6.86	146	391033	49.159	ng	98
15) Benzyl Alcohol	6.85	79	335969	48.463	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664747	43.693	ng	97
17) 2-Methylphenol	6.96	107	324083	46.922	ng	97
18) Hexachloroethane	7.20	117	156234	48.434	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	274648	47.852	ng	99
20) 3+4-Methylphenols	7.12	107	414082	49.019	ng	# 88
22) Acetophenone	7.11	105	539834	50.524	ng	98
24) Nitrobenzene	7.28	77	427041	48.132	ng	99
25) Isophorone	7.52	82	762660	44.857	ng	99
26) 2-Nitrophenol	7.60	139	220070	49.648	ng	97
27) 2,4-Dimethylphenol	7.65	122	333110	49.828	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	475608	47.539	ng	100
29) 2,4-Dichlorophenol	7.85	162	333097	48.609	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	359686	46.325	ng	98
31) Naphthalene	8.00	128	1155464	48.132	ng	99
32) Benzoic acid	7.78	122	255974	43.597	ng	97
33) 4-Chloroaniline	8.05	127	179512	17.177	ng	99
34) Hexachlorobutadiene	8.12	225	205990	44.319	ng	98
35) Caprolactam	8.43	113	101336m	48.344	ng	
36) 4-Chloro-3-methylphenol	8.55	107	364132	49.081	ng	99
37) 2-Methylnaphthalene	8.70	142	771317	47.391	ng	98
38) 1-Methylnaphthalene	8.80	142	730159	47.597	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	339975	45.697	ng	99

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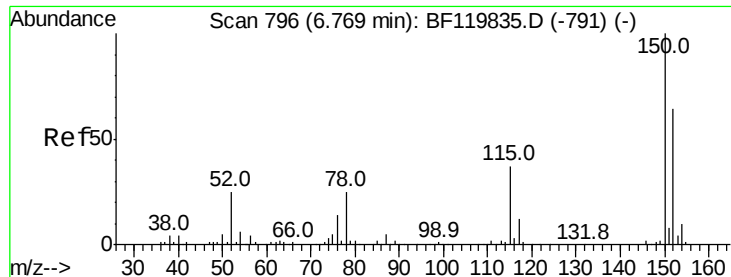
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 4/24/2020 4:17:00 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	350595	82.872	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	237145	46.159	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	252976	43.719	nq	98
46) 1,1'-Biphenyl	9.16	154	939938	47.275	nq	98
47) 2-Chloronaphthalene	9.19	162	726398	47.427	nq	98
48) 2-Nitroaniline	9.29	65	261990	47.202	nq	97
49) Acenaphthylene	9.60	152	1150507	49.393	nq	99
50) Dimethylphthalate	9.47	163	838035	45.996	nq	100
51) 2,6-Dinitrotoluene	9.53	165	189355	47.459	nq #	85
52) Acenaphthene	9.77	154	689535	44.377	nq	100
53) 3-Nitroaniline	9.70	138	107771	23.651	nq	97
54) 2,4-Dinitrophenol	9.81	184	214568	89.826	nq #	88
55) Dibenzofuran	9.95	168	1041454	48.844	nq	99
56) 4-Nitrophenol	9.87	139	323114	95.301	nq	94
57) 2,4-Dinitrotoluene	9.94	165	253986	48.317	nq	93
58) Fluorene	10.29	166	810204	47.513	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208623	47.141	nq	100
60) Diethylphthalate	10.17	149	848015	44.907	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	382715	43.789	nq	95
62) 4-Nitroaniline	10.32	138	205654	47.357	nq	99
63) Azobenzene	10.45	77	805052	47.571	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	148459	48.655	nq	78
66) n-Nitrosodiphenylamine	10.40	169	732961	47.585	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	232013	40.282	nq	96
68) Hexachlorobenzene	10.84	284	252773	43.260	nq	100
69) Atrazine	10.94	200	216658	50.555	nq	97
70) Pentachlorophenol	11.03	266	256870	76.285	nq	98
71) Phenanthrene	11.25	178	1167478	47.363	nq	99
72) Anthracene	11.30	178	1203450	47.792	nq	100
73) Carbazole	11.46	167	1140405	47.890	nq	99
74) Di-n-butylphthalate	11.80	149	1332755	42.574	nq	99
75) Fluoranthene	12.44	202	1306144	49.110	nq	99
77) Benzidine	12.56	184	501185	41.546	nq	97
78) Pyrene	12.67	202	1313403	43.657	nq	100
80) Butylbenzylphthalate	13.29	149	560854	38.419	nq	99
81) Benzo(a)anthracene	13.86	228	1099501	46.833	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	232061	26.491	nq	98
83) Chrysene	13.90	228	1116564	46.806	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	720429	36.442	nq	98
85) Di-n-octyl phthalate	14.47	149	1313911	39.035	nq	98
86) Indeno(1,2,3-cd)pyrene	16.66	276	986698	46.923	nq	98
88) Benzo(b)fluoranthene	14.88	252	1153957	46.573	nq	99
89) Benzo(k)fluoranthene	14.92	252	971313	45.434	nq	99
90) Benzo(a)pyrene	15.23	252	964367	46.291	nq	99
91) Dibenzo(a,h)anthracene	16.68	278	811543	43.978	nq	98
92) Benzo(g,h,i)perylene	17.08	276	781891	42.924	nq	98

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



#1

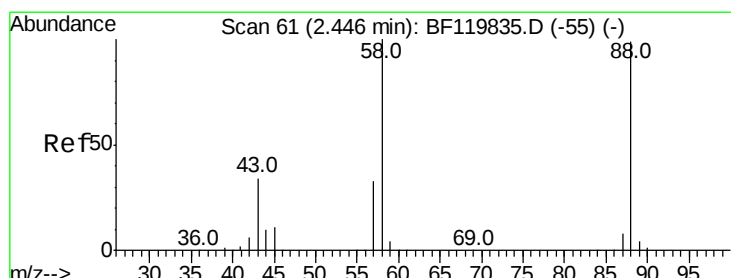
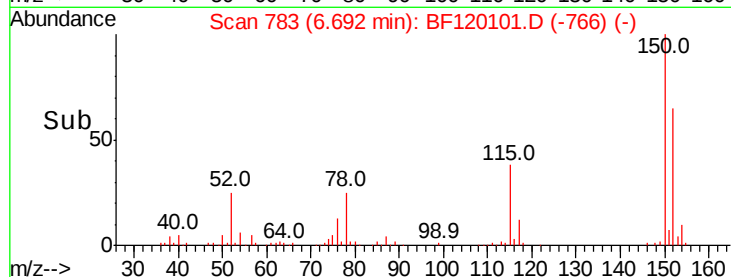
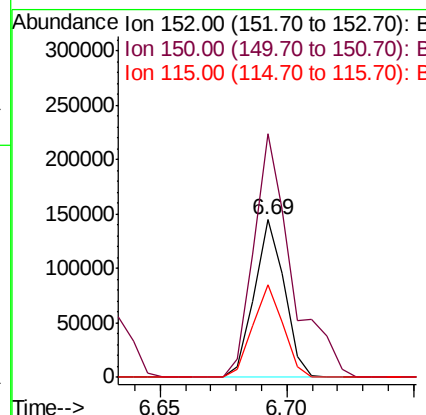
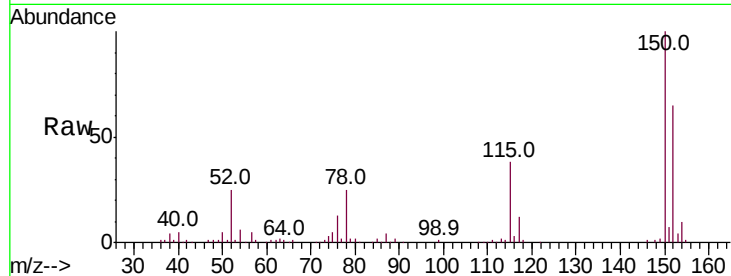
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	58.6	46.5	69.7

Manual Integrations
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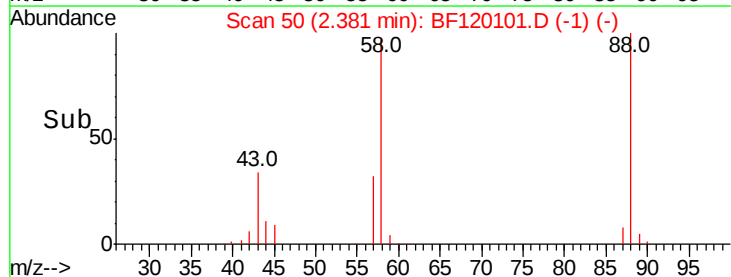
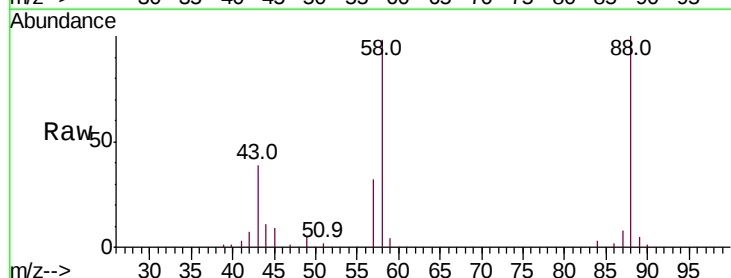
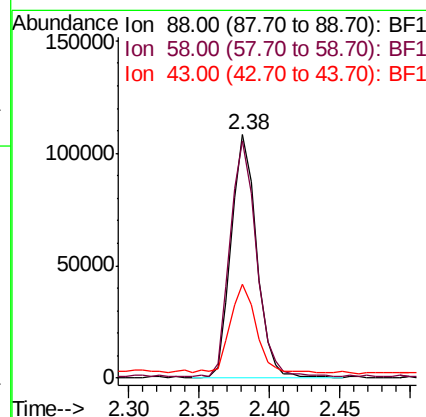
mohammad
4/24/2020 4:17:00 AM

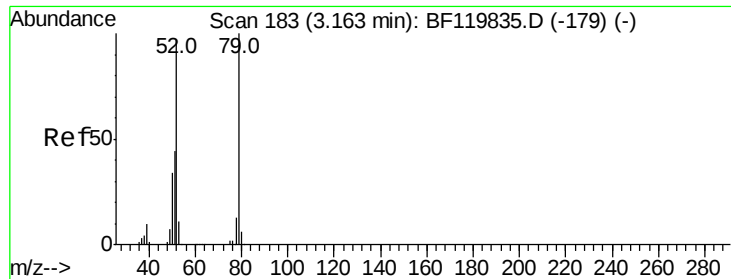


#2

1,4-Dioxane
Concen: 44.536 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.08 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	82.6	123.8
43	36.8	28.6	42.8





#3

Pvridine

Concen: 43.876 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.08 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

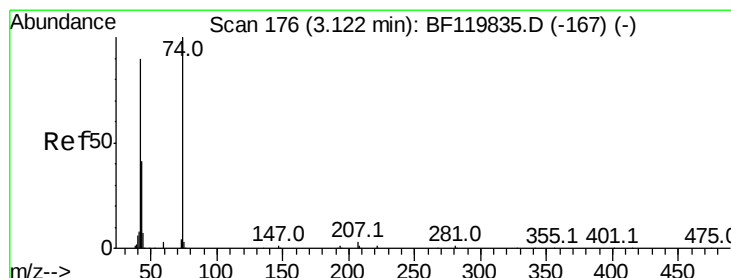
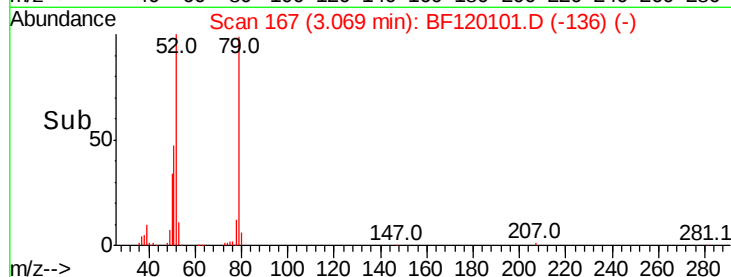
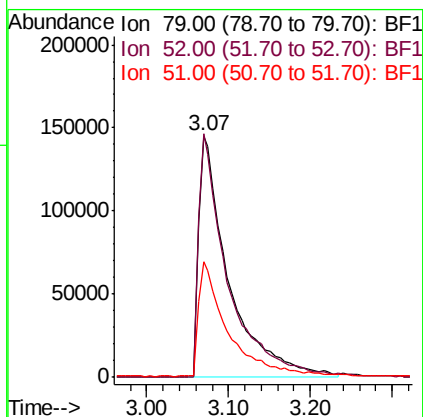
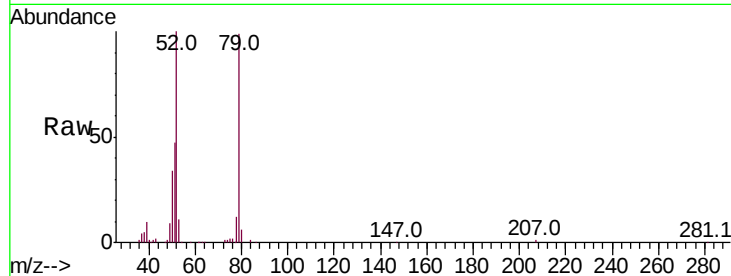
ClientSampleId :

PB128243BSD

Tot Ion:	79	Resp:	371398
Ion Ratio	Lower	Upper	
79	100		
52	100.9	77.4	116.0
51	47.8	35.3	52.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.106 ng

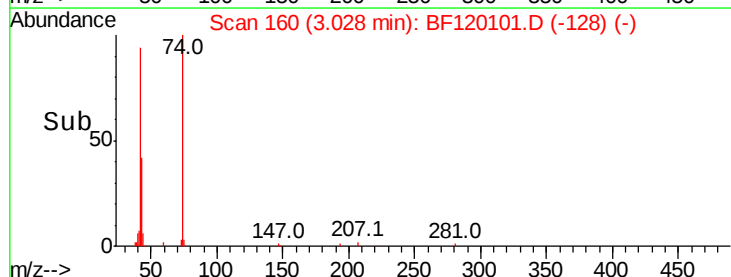
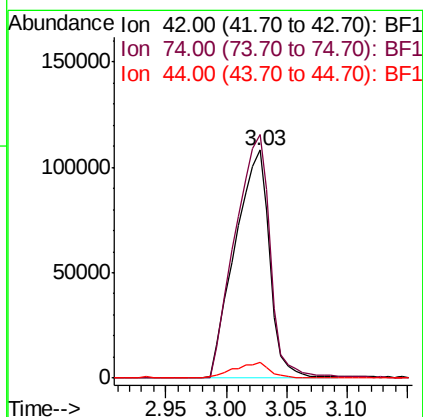
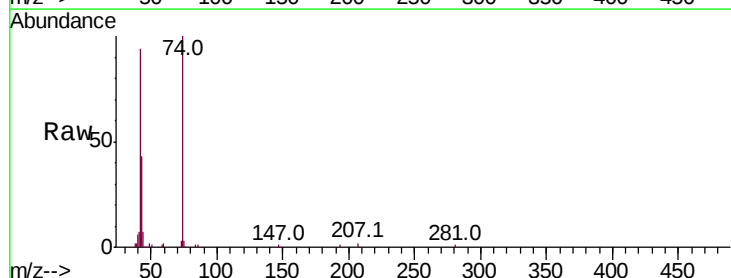
RT: 3.03 min Scan# 160

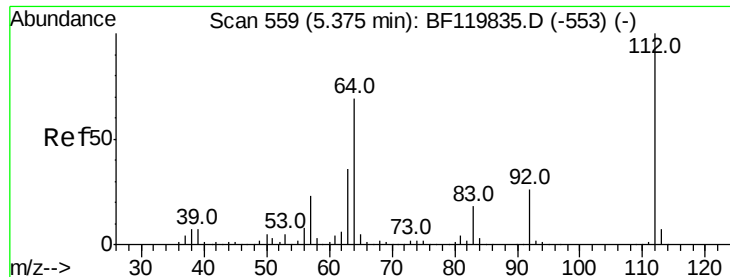
Delta R.T. 0.09 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion:	42	Resp:	216702
Ion Ratio	Lower	Upper	
42	100		
74	106.8	89.0	133.4
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 146.786 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.02 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

Tot Ion: 112 Resp: 1016760

Ion Ratio Lower Upper

112 100

64 66.0 55.5 83.3

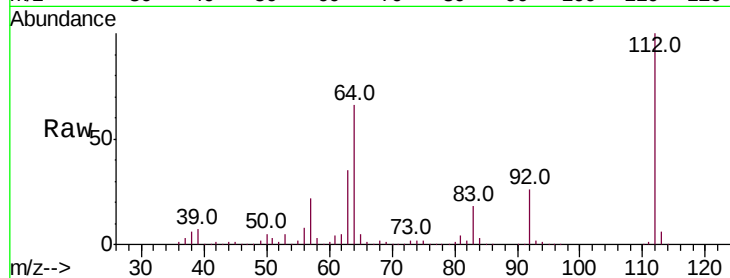
63 34.7 29.1 43.7

Manual Integrations

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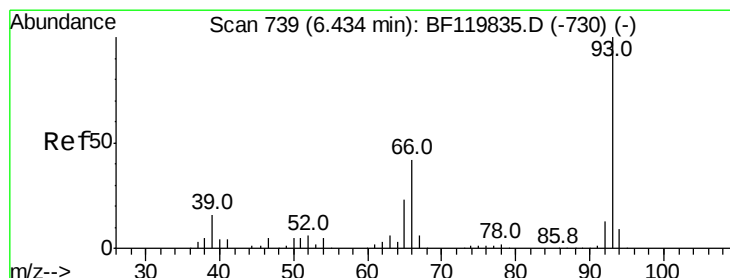
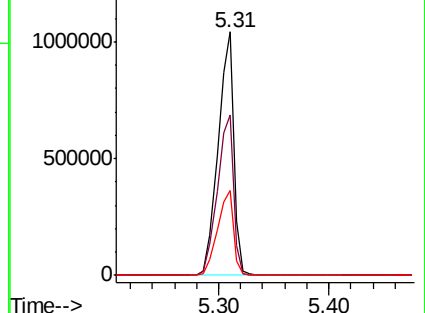
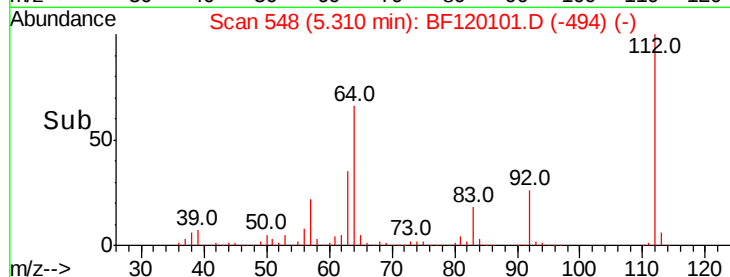
4/24/2020 4:17:00 AM



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: 31.391 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

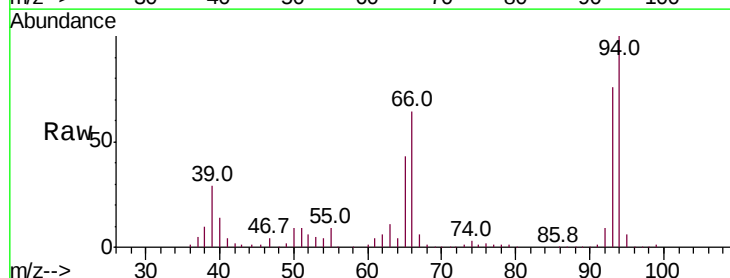
Tgt Ion: 93 Resp: 367739

Ion Ratio Lower Upper

93 100

66 83.7 34.2 51.2#

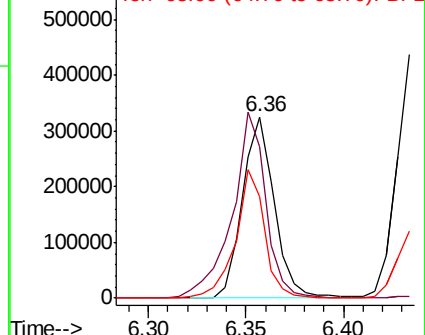
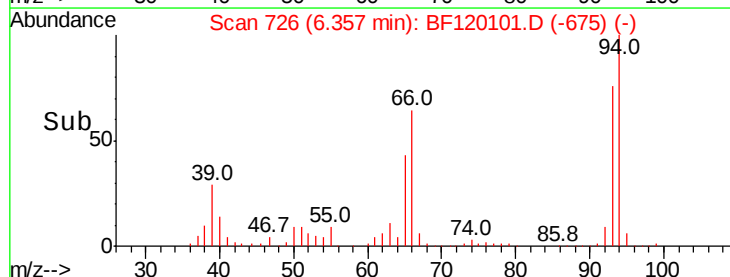
65 55.9 18.3 27.5#

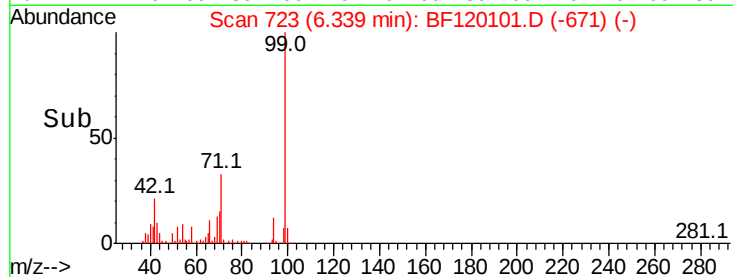
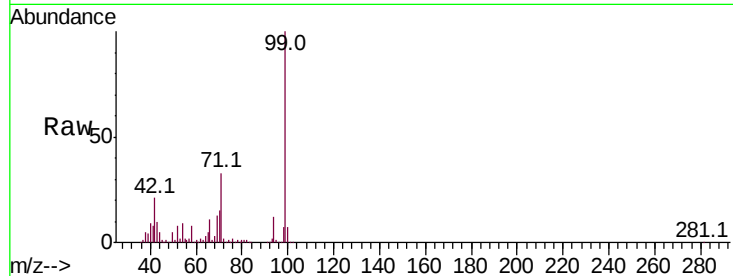
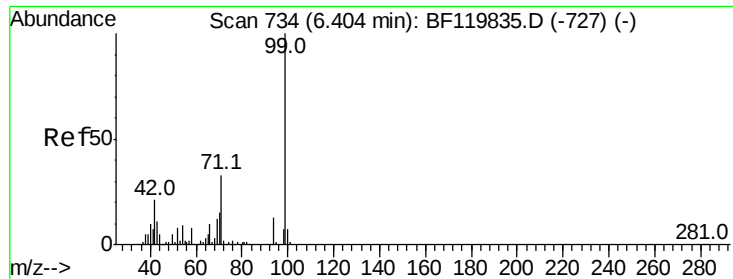


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.857 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tot Ion:	99	Resp:	1284003
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	33.2	26.3	39.5

Instrument :

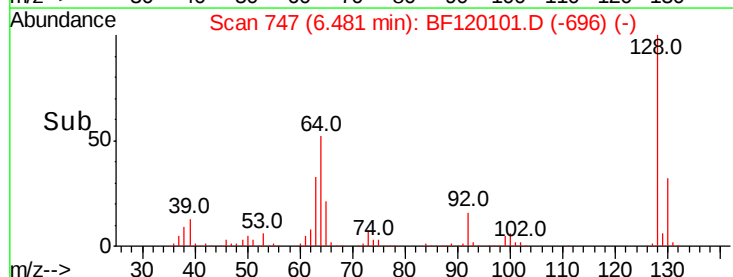
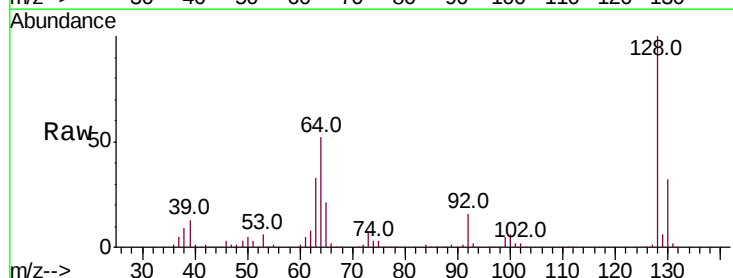
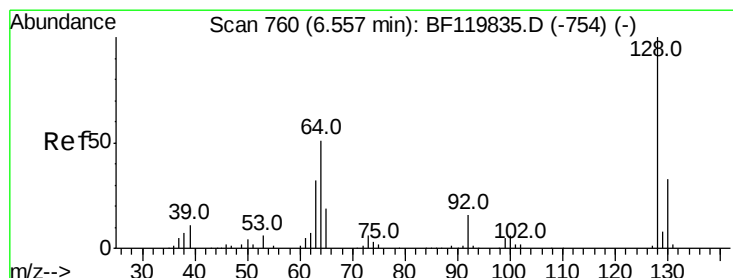
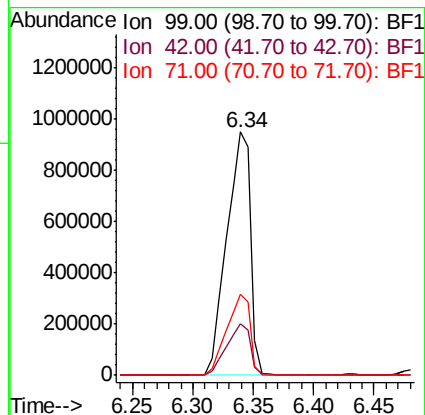
BNA_F

ClientSampleId :

PB128243BSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.769 ng

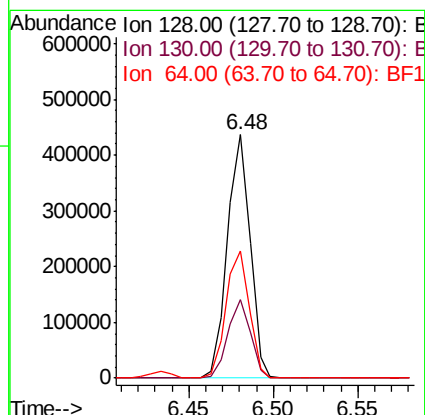
RT: 6.48 min Scan# 747

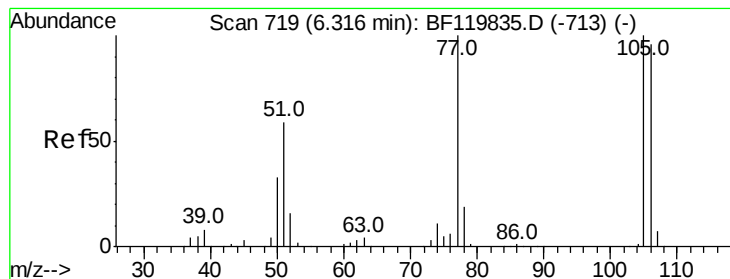
Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion:	128	Resp:	408409
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	52.2	32.0	72.0





#9

Benzaldehyde

Concen: 32.946 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

Tot Ion: 77 Resp: 170323

Ion Ratio Lower Upper

77 100

105 96.5 79.9 119.9

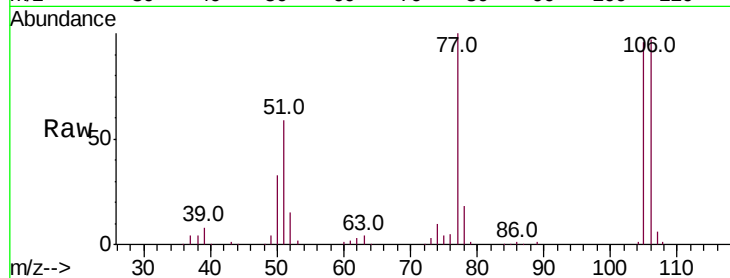
106 96.8 76.4 116.4

Manual Integrations

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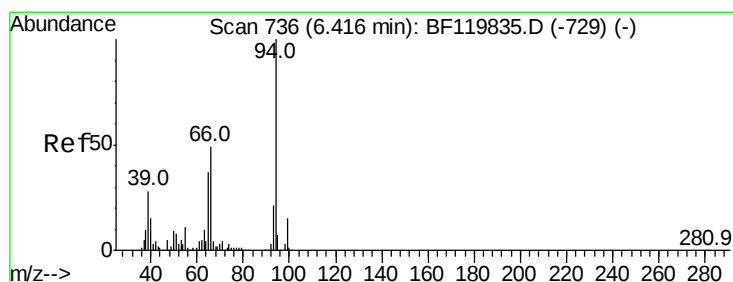
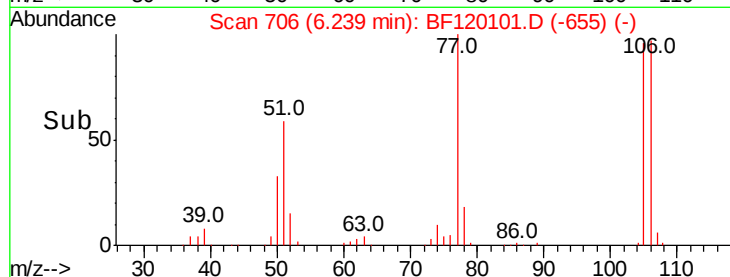
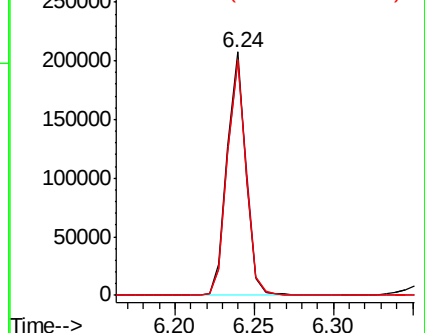
4/24/2020 4:17:00 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.907 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

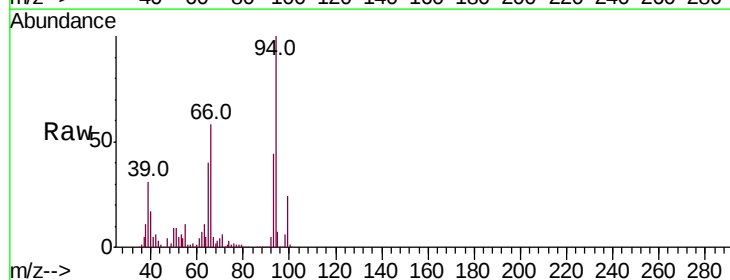
Tgt Ion: 94 Resp: 515487

Ion Ratio Lower Upper

94 100

65 39.8 16.6 56.6

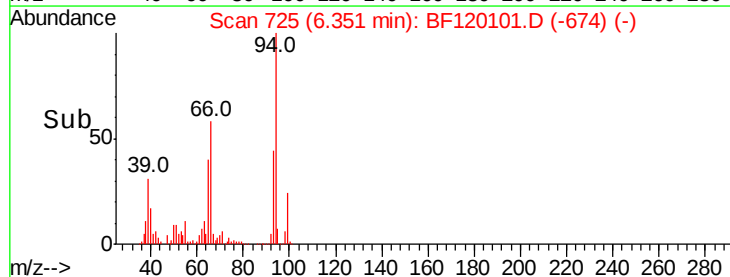
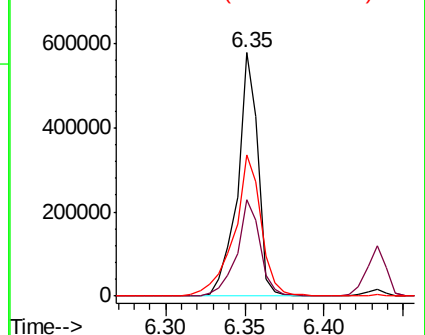
66 57.8 29.3 69.3

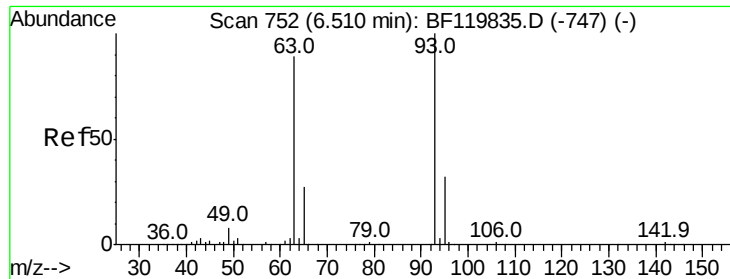


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





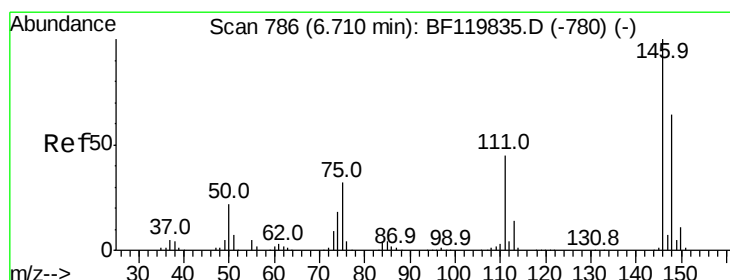
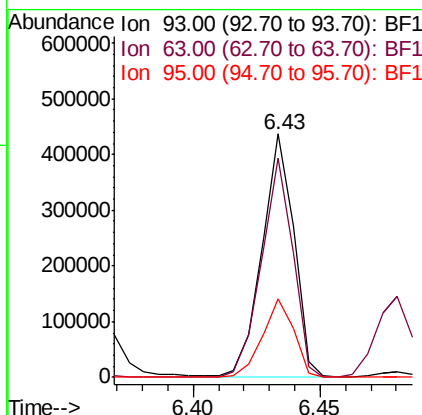
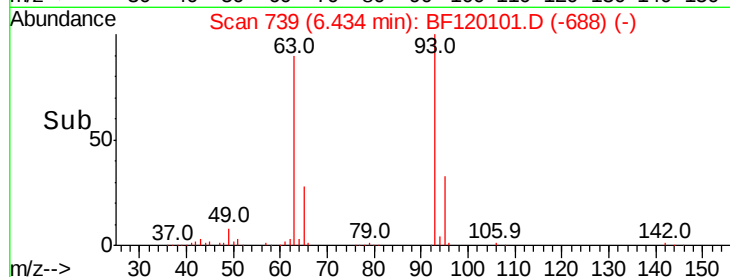
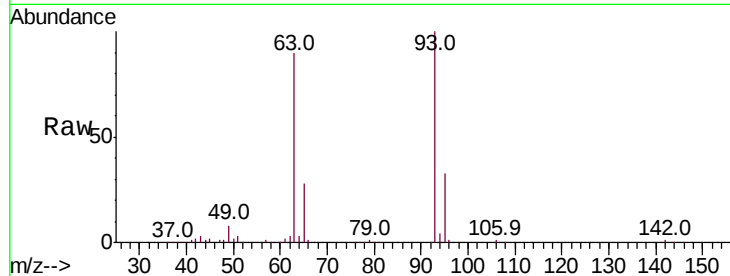
#11
 bis(2-Chloroethyl)ether
 Concen: 48.894 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion:	93	Resp:	382277
Ion Ratio	Lower	Upper	
93	100		
63	90.2	69.1	109.1
95	32.5	12.3	52.3

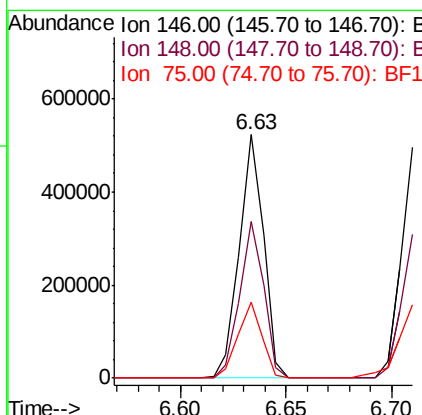
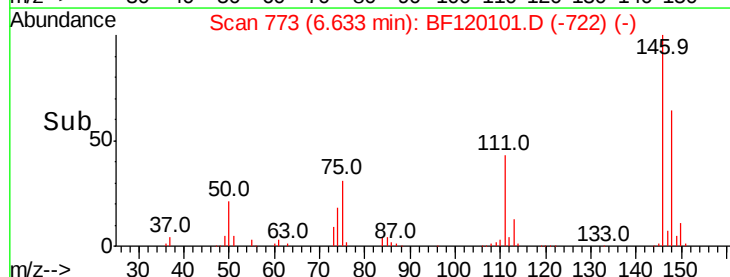
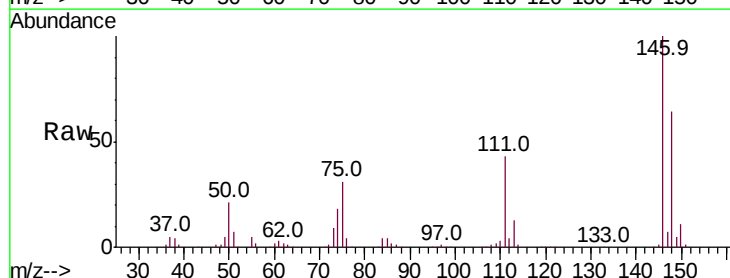
Manual Integrations
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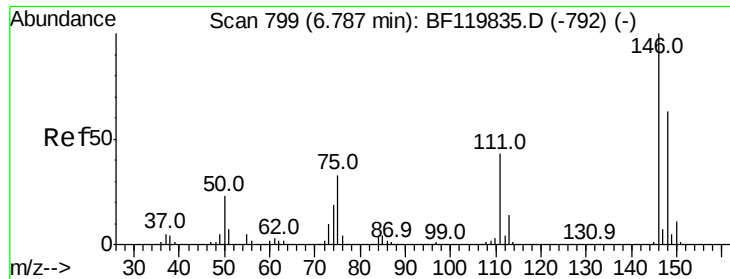
mohammad
 4/24/2020 4:17:00 AM



#12
 1,3-Dichlorobenzene
 Concen: 49.106 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:	146	Resp:	416083
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
75	31.1	25.3	37.9





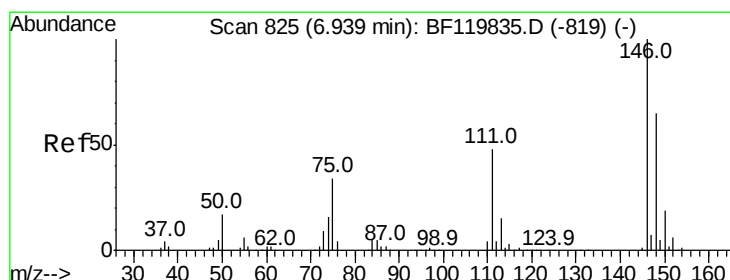
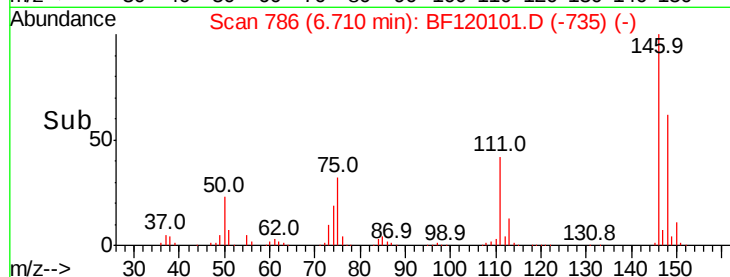
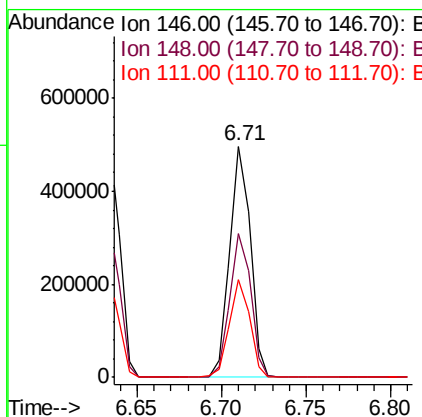
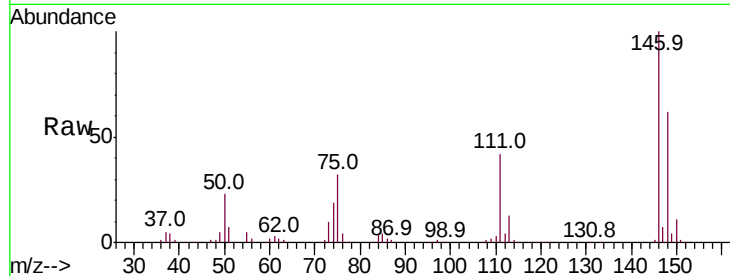
#13
 1,4-Dichlorobenzene
 Concen: 48.768 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.5	75.7
111	42.3	34.7	52.1

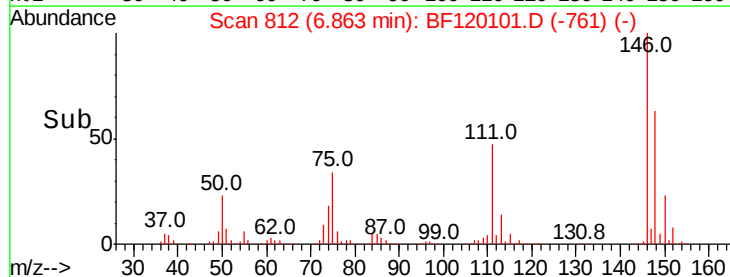
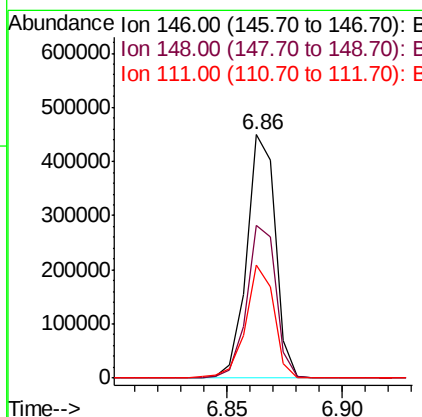
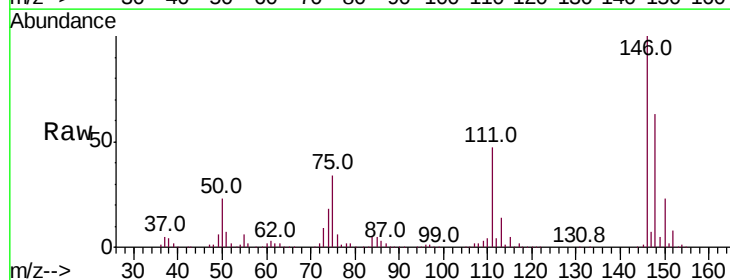
Manual Integrations
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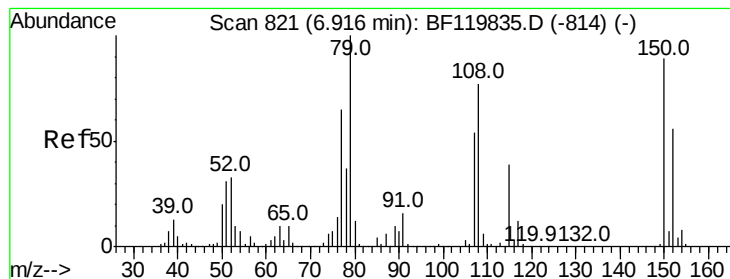
mohammad
 4/24/2020 4:17:00 AM



#14
 1,2-Dichlorobenzene
 Concen: 49.159 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
111	46.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 48.463 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleID :

PB128243BSD

Tot Ion: 79 Resp: 335969

Ion Ratio Lower Upper

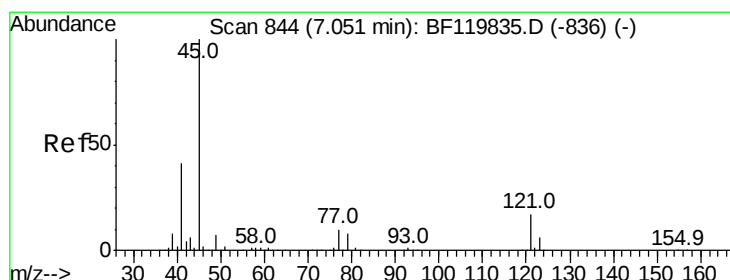
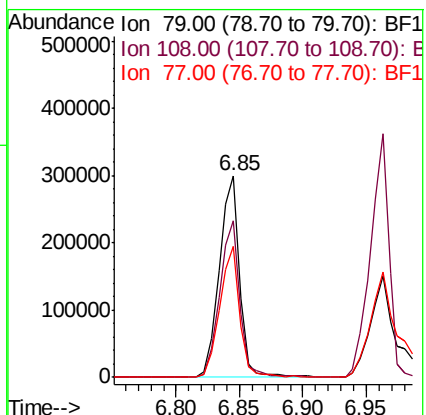
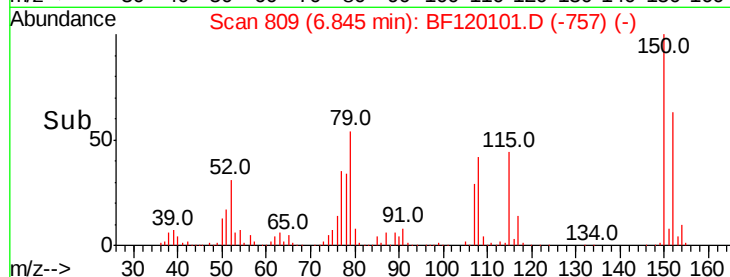
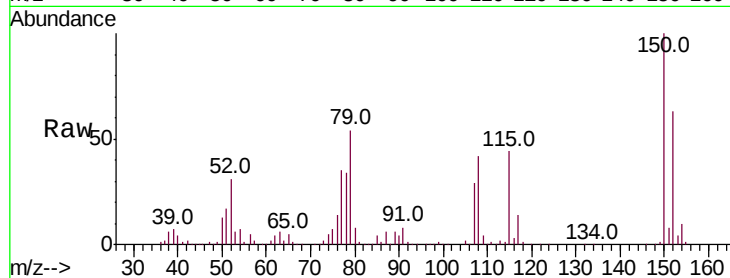
79 100

108 78.0 62.0 93.0

77 65.1 51.8 77.6

Manual Integrations
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4/24/2020 4:17:00 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.693 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

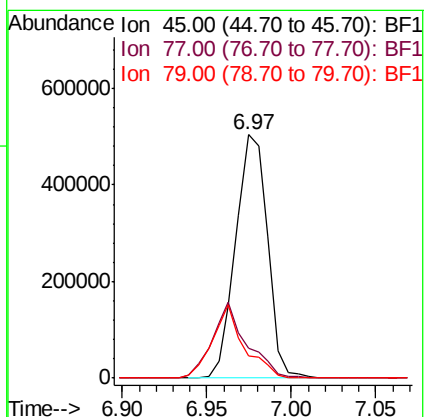
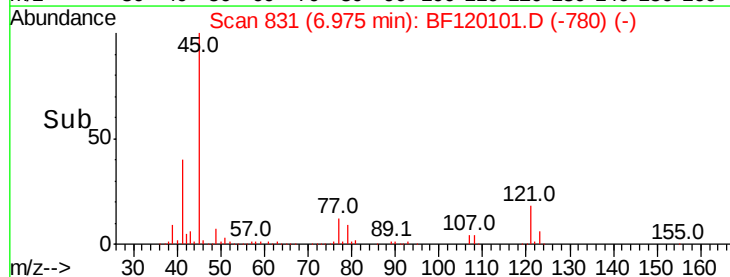
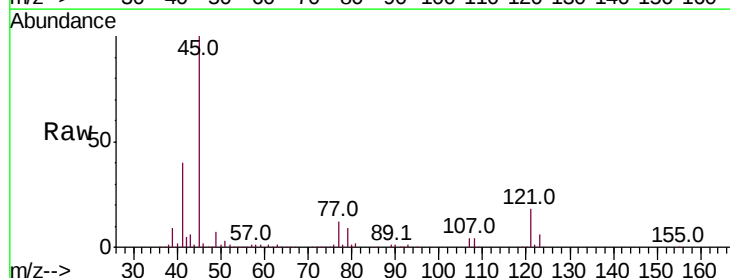
Tgt Ion: 45 Resp: 664747

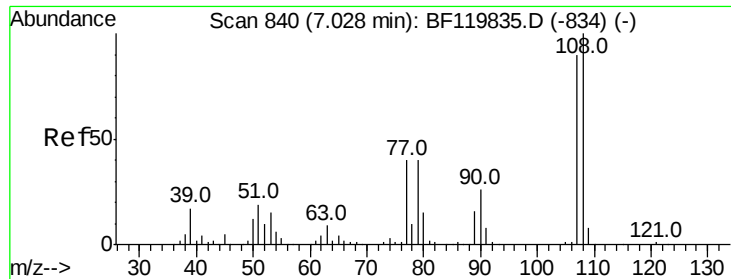
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.7

79 9.2 0.0 28.6





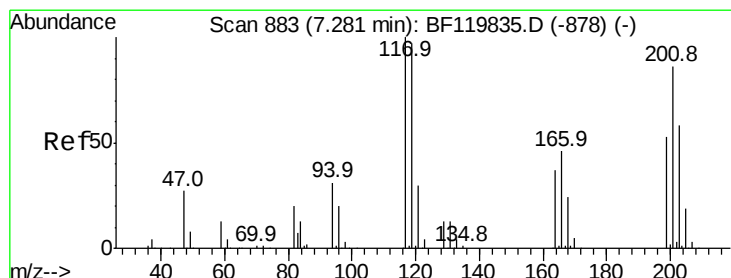
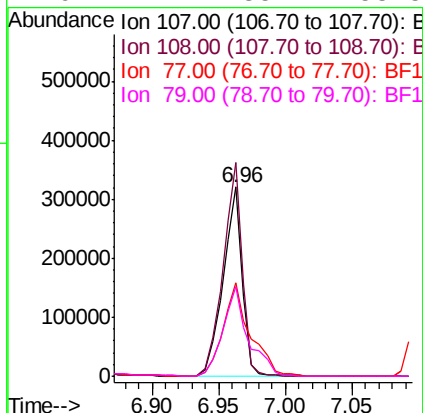
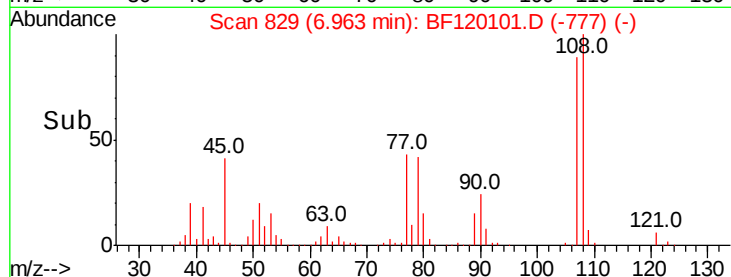
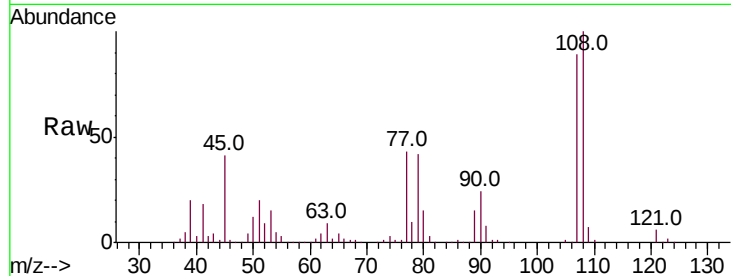
#17
2-Methylphenol
Concen: 46.922 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	88.8	133.2	
77	49.1	36.0	54.0	
79	47.1	35.7	53.5	

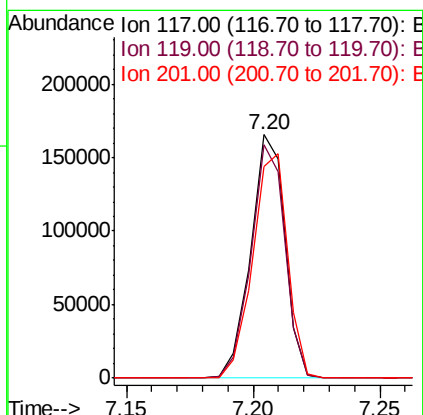
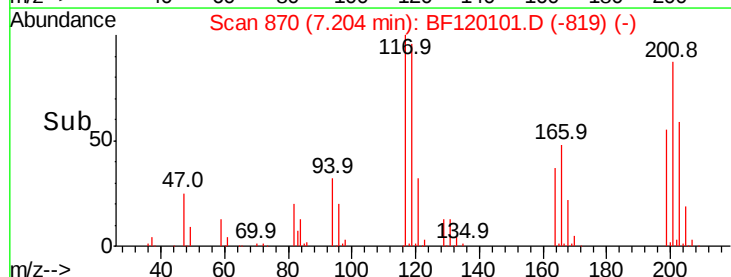
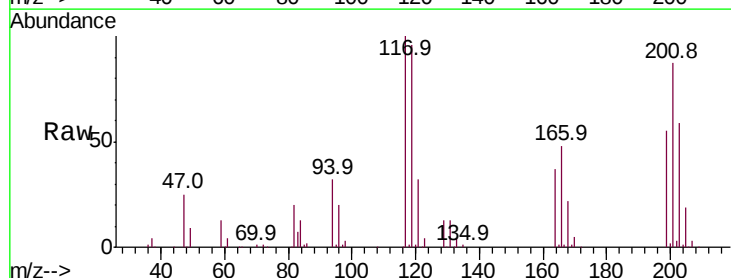
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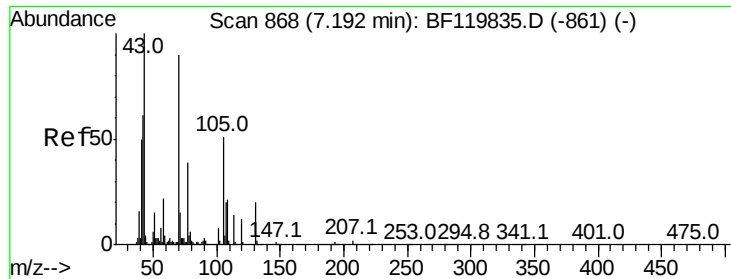
mohammad
4/24/2020 4:17:00 AM



#18
Hexachloroethane
Concen: 48.434 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.0	
201	87.1	68.4	102.6	





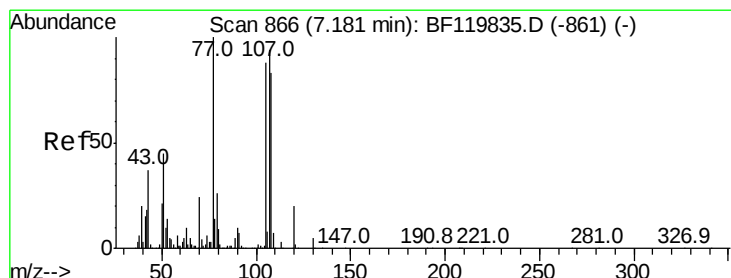
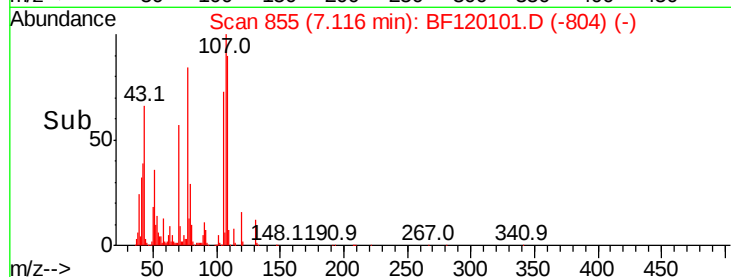
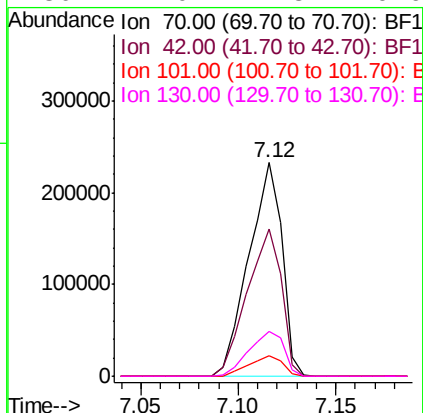
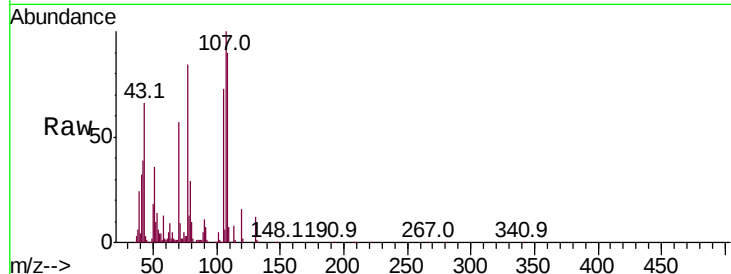
#19
n-Nitroso-di-n-propylamine
Concen: 47.852 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.7	54.2	81.4
101	9.5	7.4	11.2
130	21.0	17.8	26.6

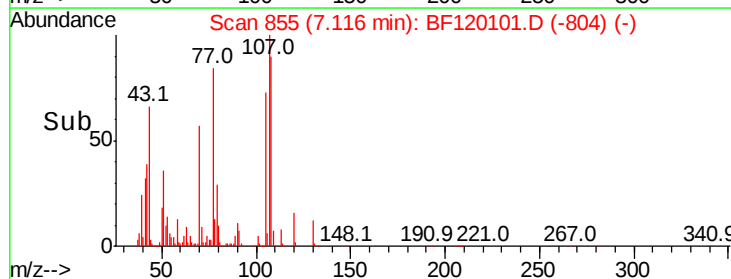
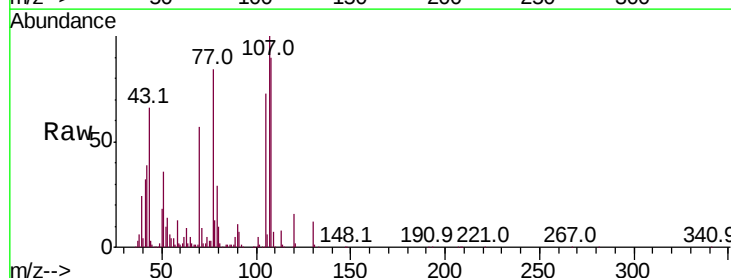
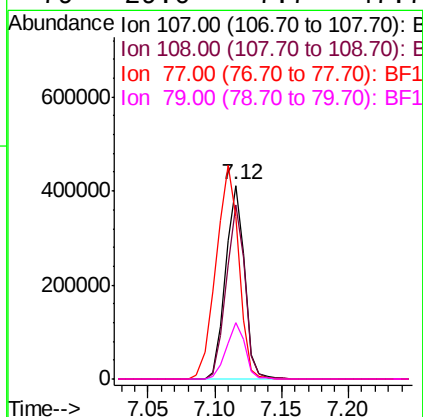
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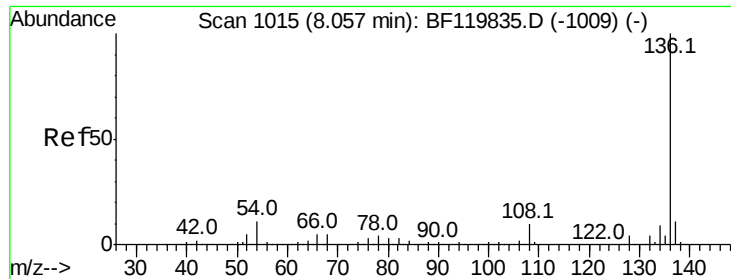
mohammad
4/24/2020 4:17:00 AM



#20
3+4-Methylphenols
Concen: 49.019 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	84.0	86.6	126.6#
79	29.0	7.7	47.7





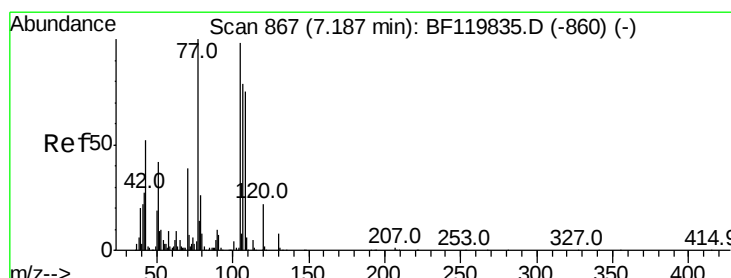
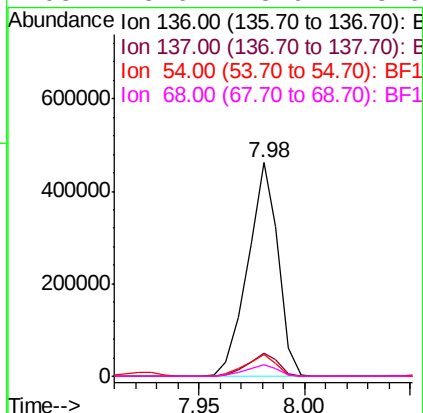
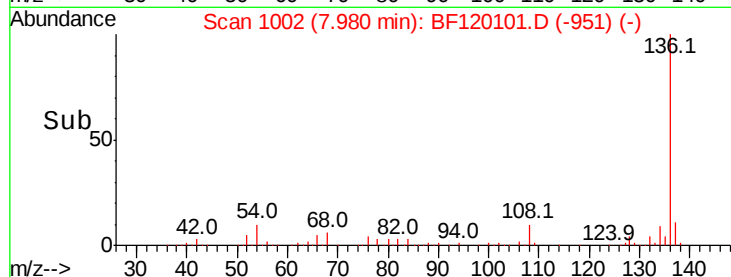
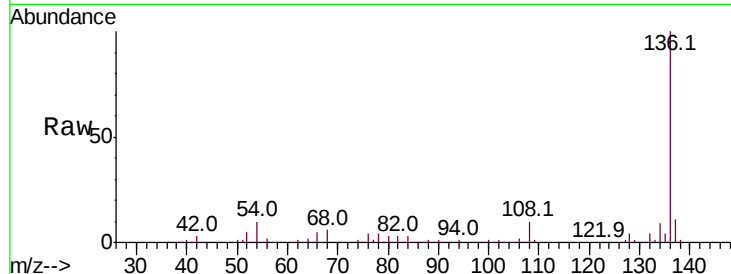
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	10.5	8.5	12.7	
68	5.6	3.9	5.9	

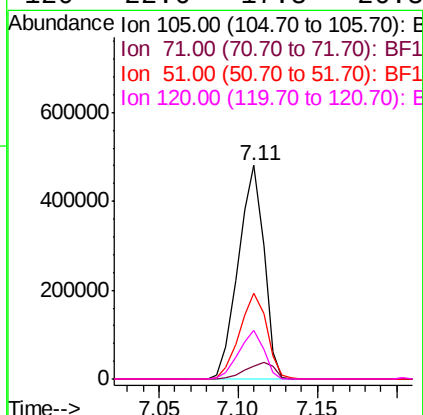
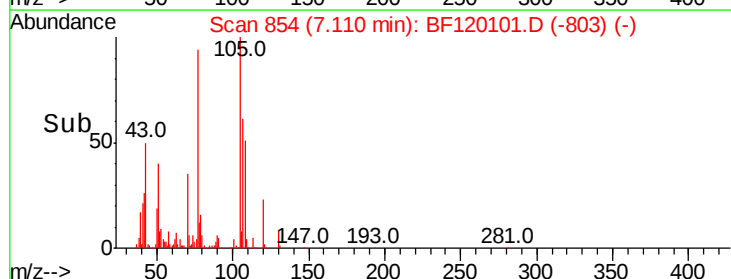
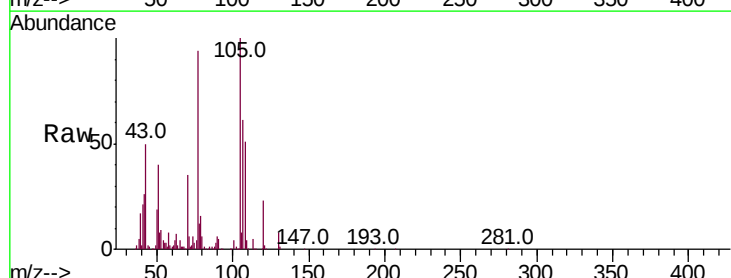
Manual Integrations
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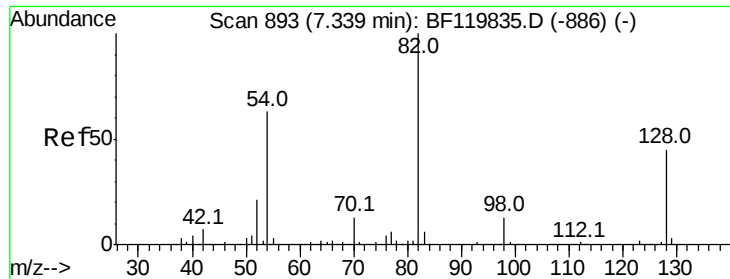
mohammad
4/24/2020 4:17:00 AM



#22
Acetophenone
Concen: 50.524 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	5.6	8.4	
51	40.4	33.9	50.9	
120	22.6	17.8	26.8	





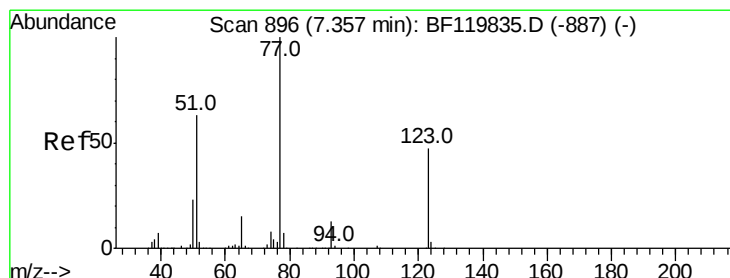
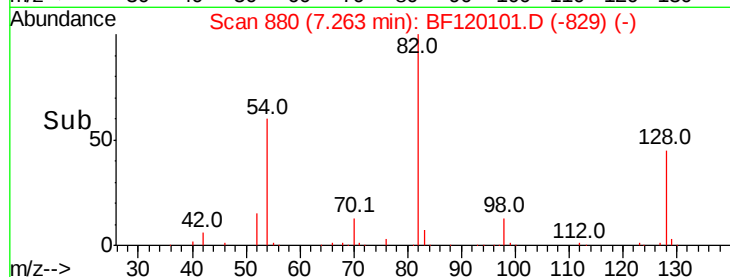
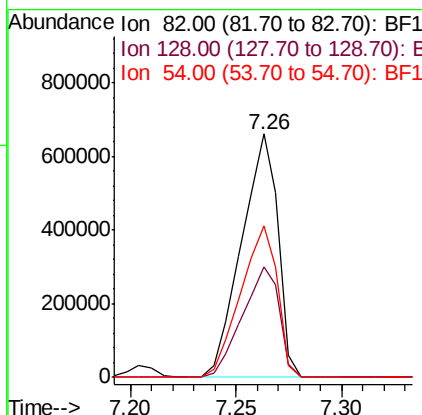
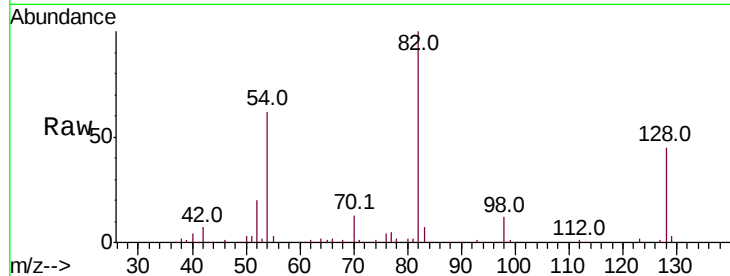
#23
Nitrobenzene-d5
Concen: 89.504 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.4
54	62.3	50.4	75.6

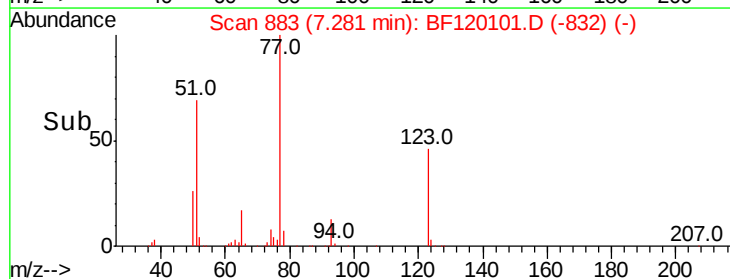
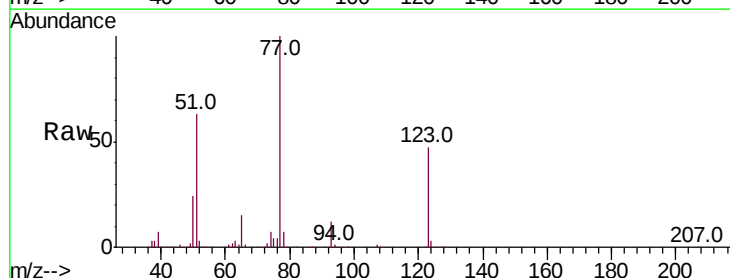
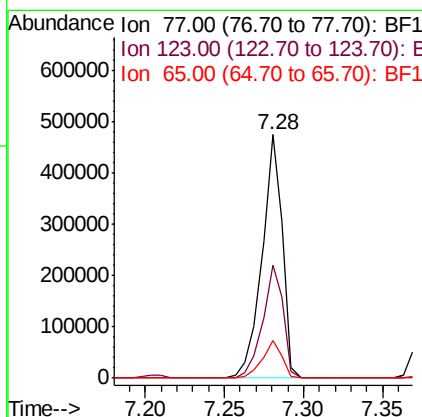
Manual Integrations
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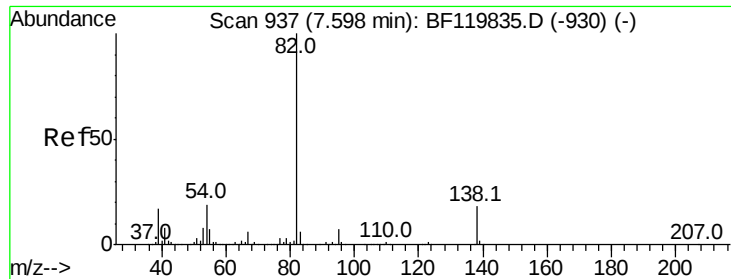
mohammad
4/24/2020 4:17:00 AM



#24
Nitrobenzene
Concen: 48.132 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.8	56.8
65	15.3	12.2	18.2





#25

Isophorone

Concen: 44.857 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

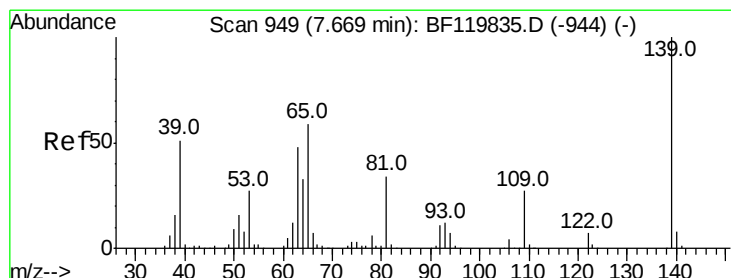
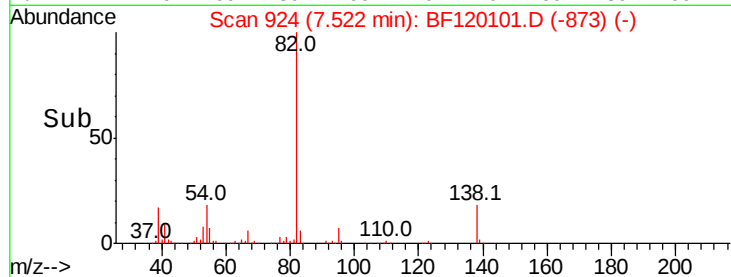
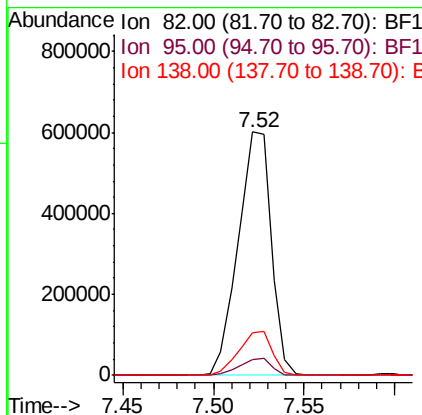
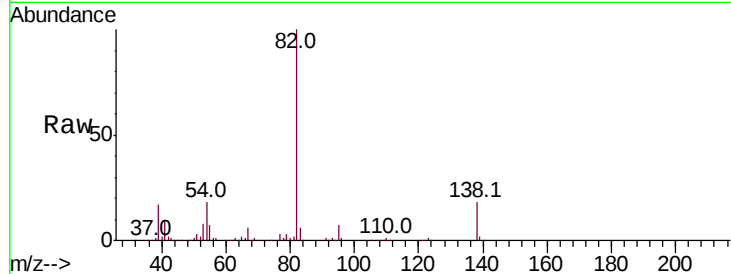
ClientSampleId :

PB128243BSD

Tot Ion:	82	Resp:	762660
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.8	8.6
138	17.6	14.5	21.7

Manual Integrations
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mohammad
4/24/2020 4:17:00 AM



#26

2-Nitrophenol

Concen: 49.648 ng

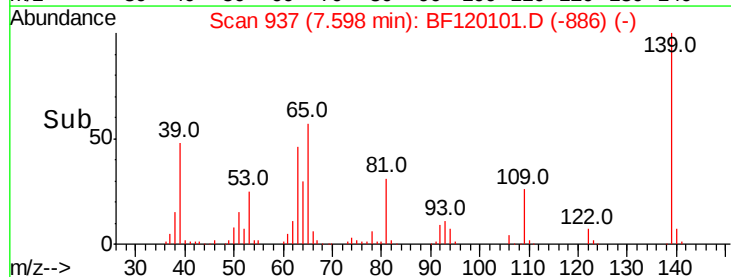
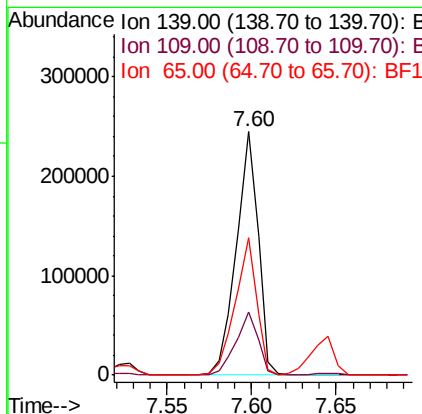
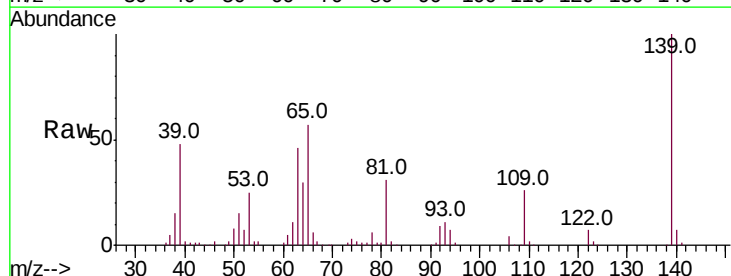
RT: 7.60 min Scan# 937

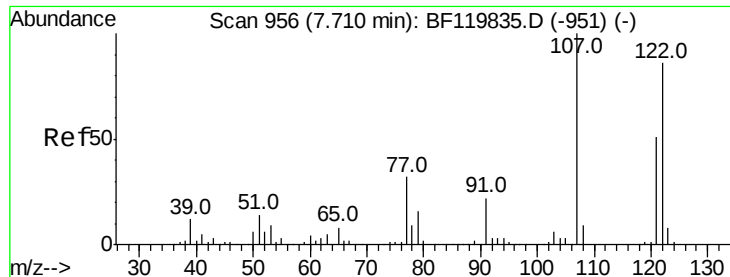
Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion:	139	Resp:	220070
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.8	32.6
65	56.6	47.0	70.4





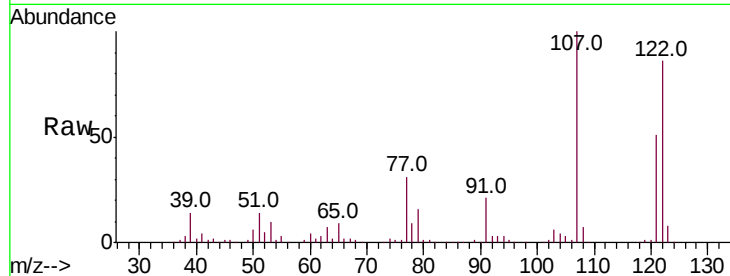
#27
 2,4-Dimethylphenol
 Concen: 49.828 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		333110		
107	116.5	92.3	138.5		
121	59.4	46.6	70.0		

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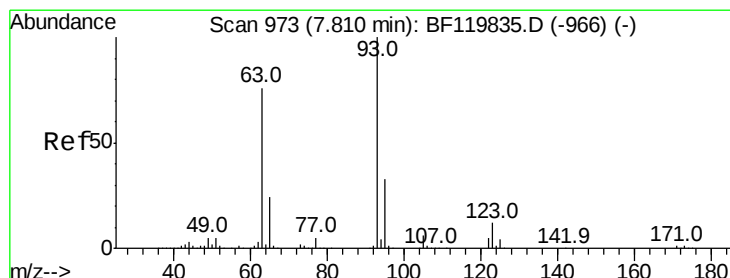
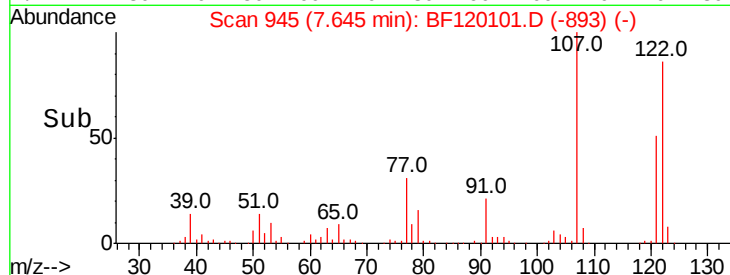
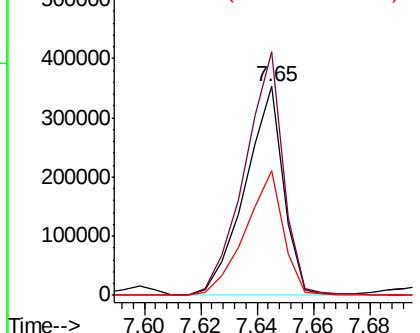


Abundance

Ion 122.00 (121.70 to 122.70): E

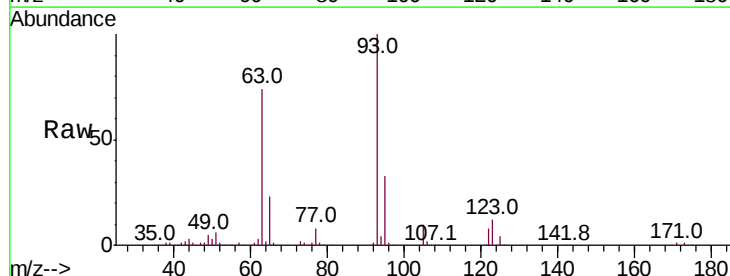
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.539 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		475608		
95	32.8	26.4	39.6		
123	12.2	9.7	14.5		

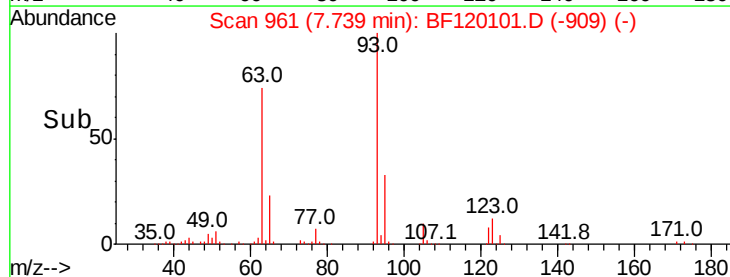
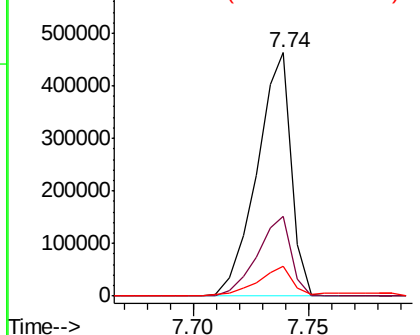


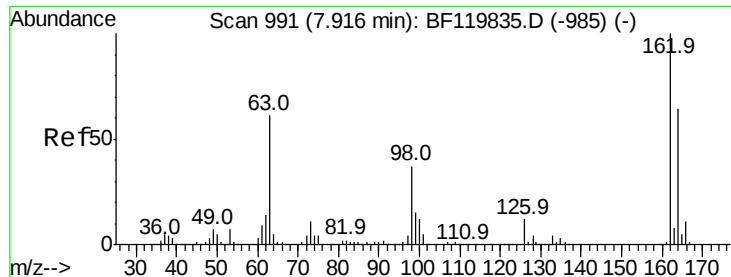
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





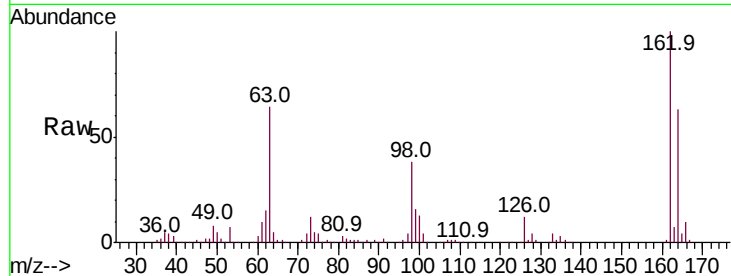
#29
 2,4-Dichlorophenol
 Concen: 48.609 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

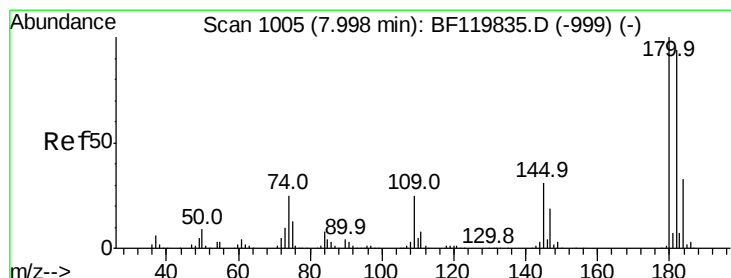
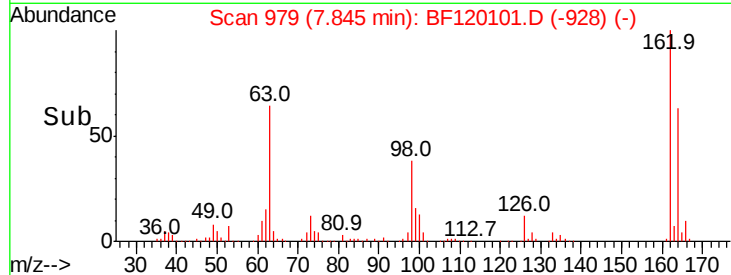
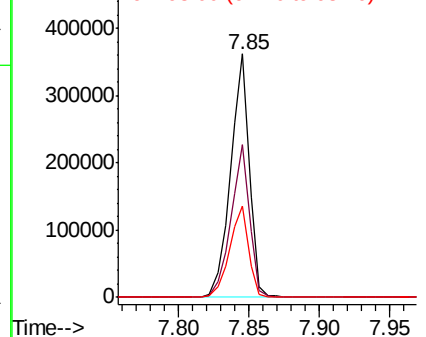
Tot Ion:	162	Resp:	333097
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.4	84.4
98	37.7	17.3	57.3

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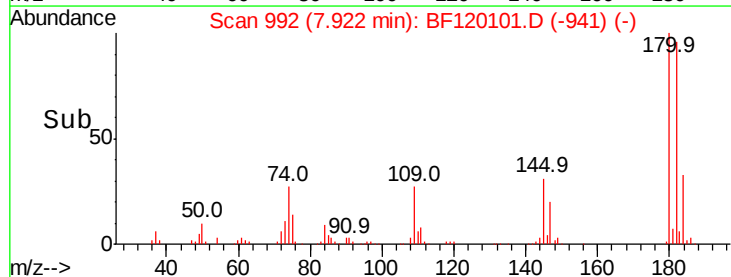
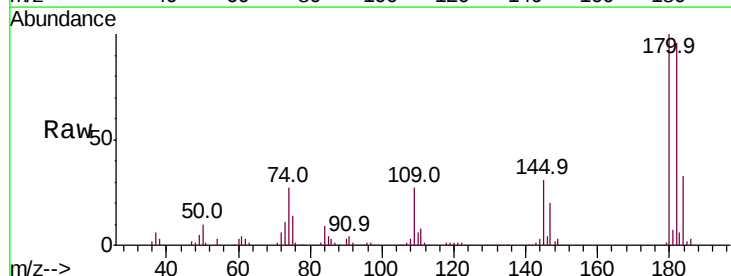
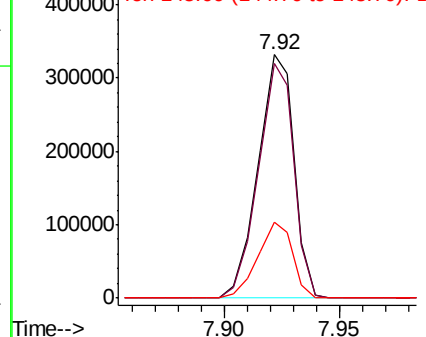
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

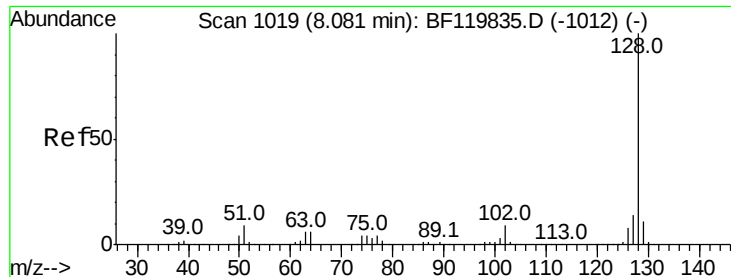


#30
 1,2,4-Trichlorobenzene
 Concen: 46.325 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:	180	Resp:	359686
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.4	113.0
145	30.9	24.6	37.0

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





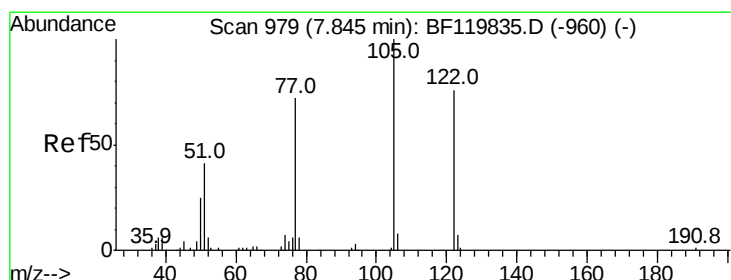
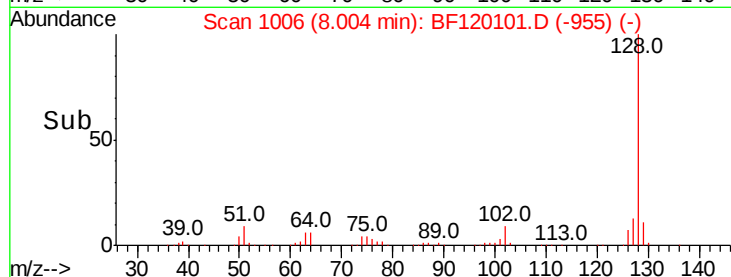
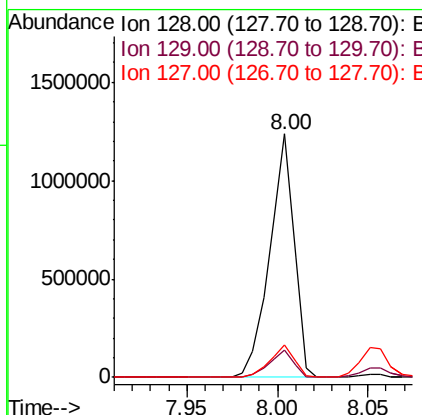
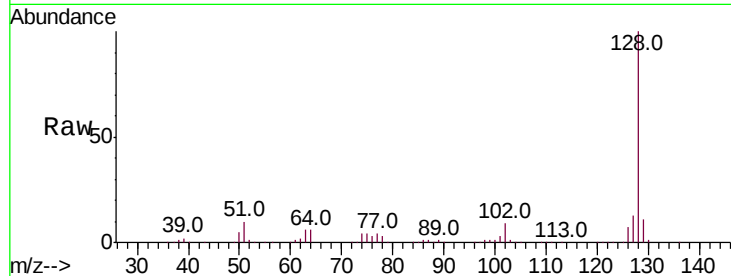
#31
Naphthalene
Concen: 48.132 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:128 Resp: 1155464
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.0 16.4

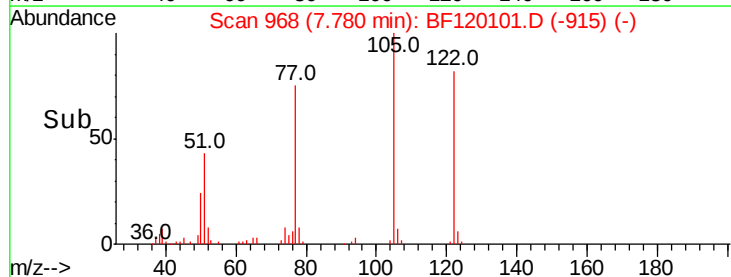
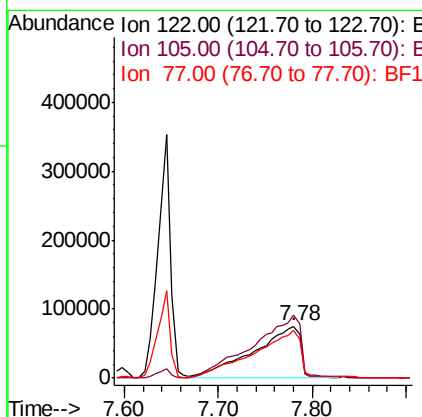
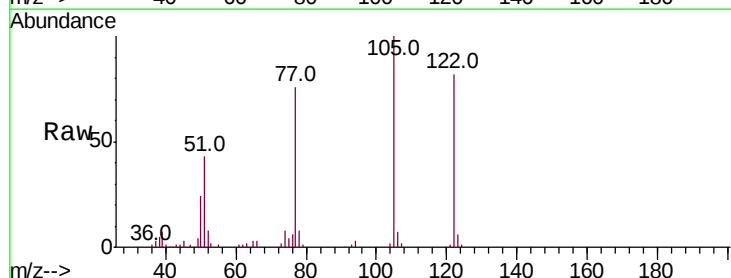
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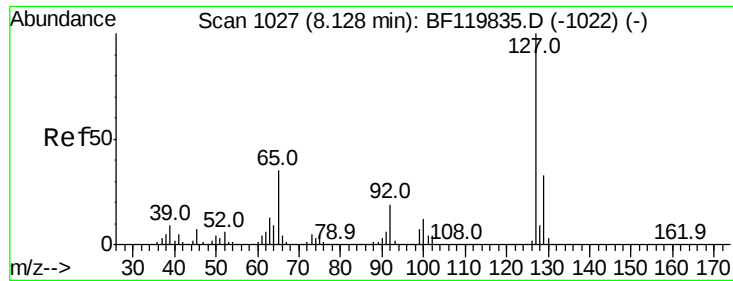
mohammad
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#32
Benzoic acid
Concen: 43.597 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:122 Resp: 255974
Ion Ratio Lower Upper
122 100
105 121.3 106.7 146.7
77 92.0 72.1 112.1





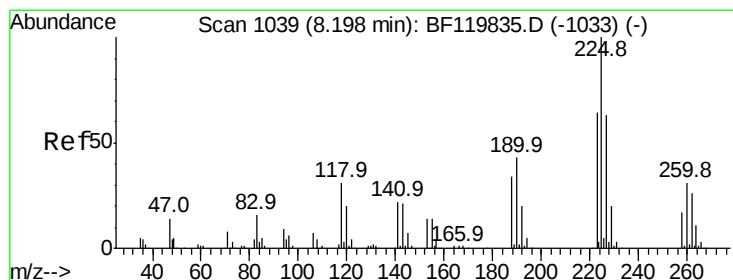
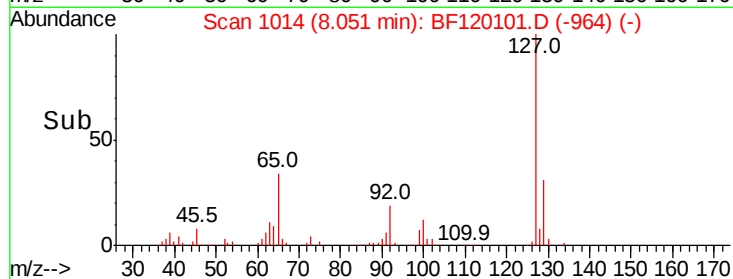
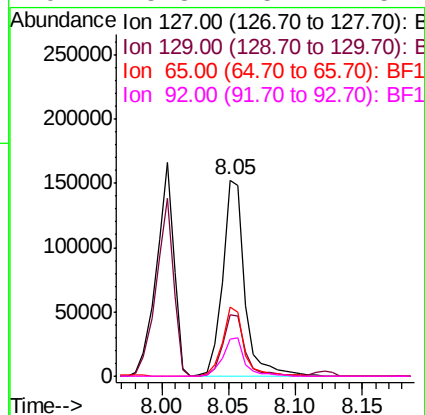
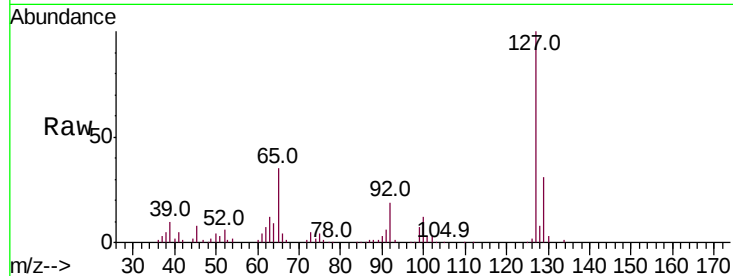
#33
4-Chloroaniline
Concen: 17.177 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.2	39.2		
65	35.3	28.3	42.5		
92	18.8	15.4	23.2		

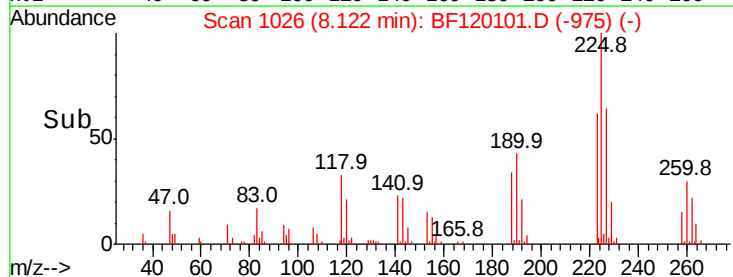
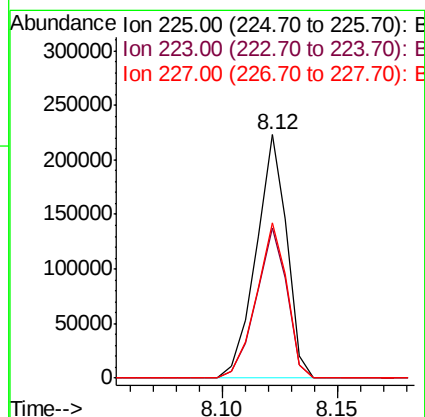
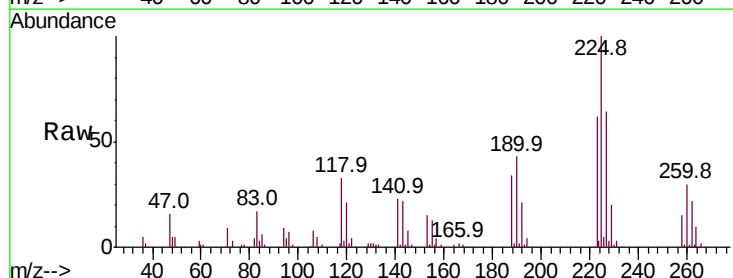
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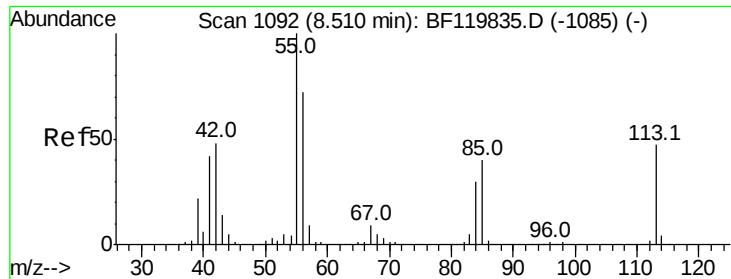
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#34
Hexachlorobutadiene
Concen: 44.319 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	51.0	76.6		
227	63.6	50.4	75.6		





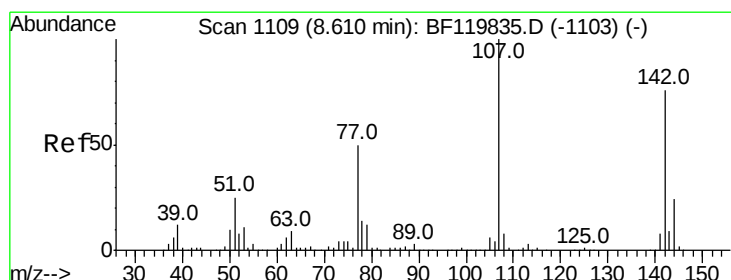
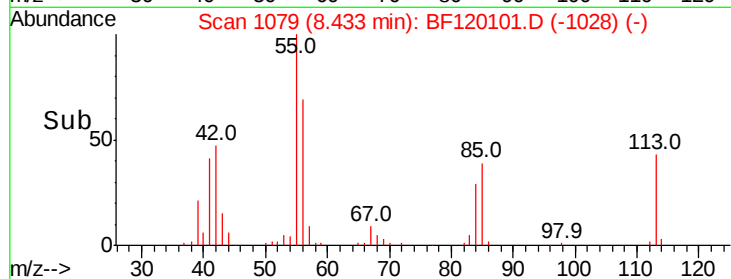
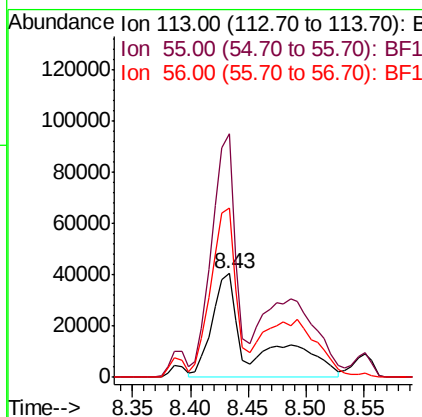
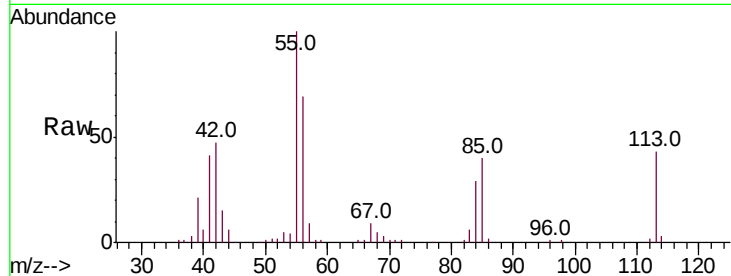
#35
 Caprolactam
 Concen: 48.344 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleID :
 PB128243BSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	234.9	192.7	232.7#	
56	163.0	133.3	173.3	

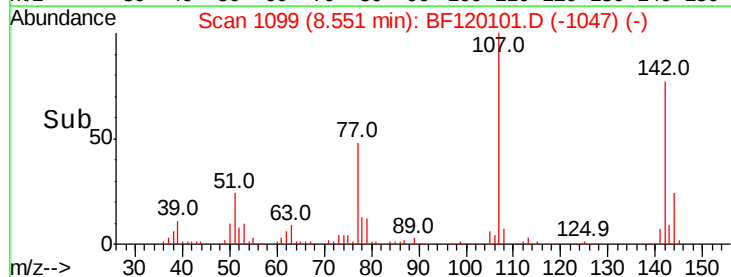
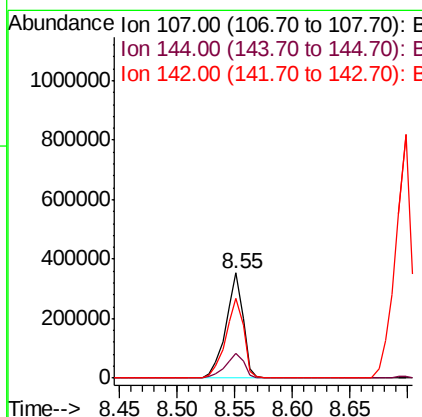
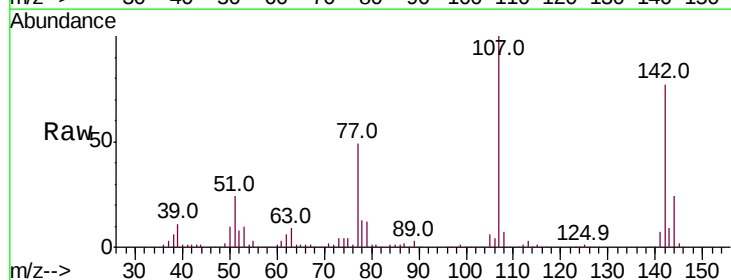
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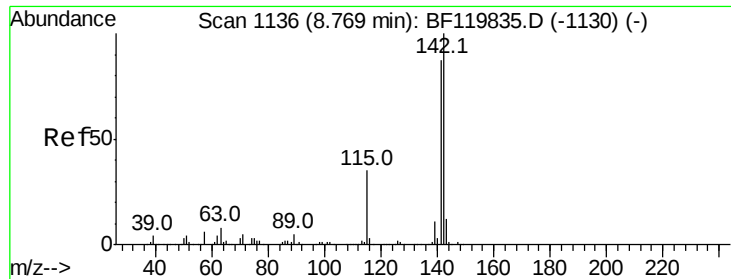
mohammad
 4/24/2020 4:17:00 AM



#36
 4-Chloro-3-methylphenol
 Concen: 49.081 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.9	19.5	29.3	
142	76.5	60.5	90.7	





#37

2-Methylnaphthalene

Concen: 47.391 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

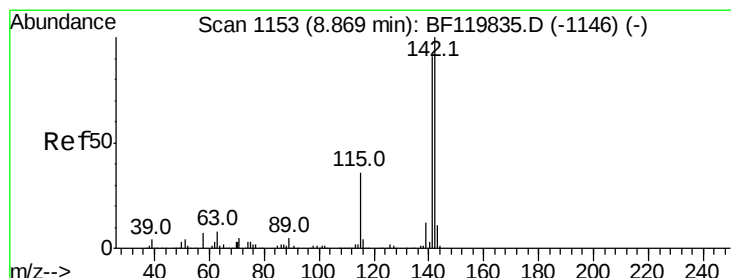
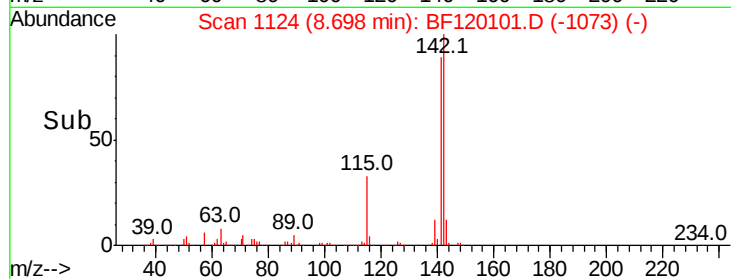
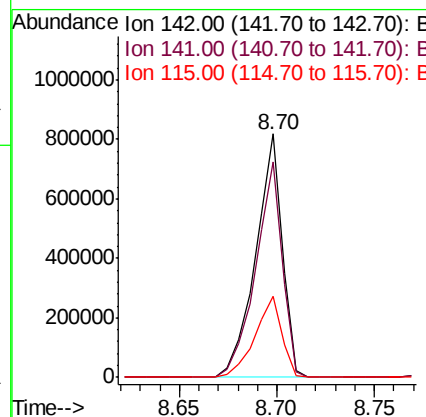
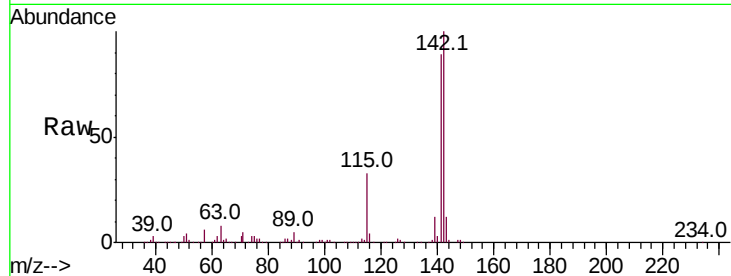
Instrument :
BNA_F

ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	771317		
141	88.6	69.9	104.9	
115	33.4	28.0	42.0	

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#38

1-Methylnaphthalene

Concen: 47.597 ng

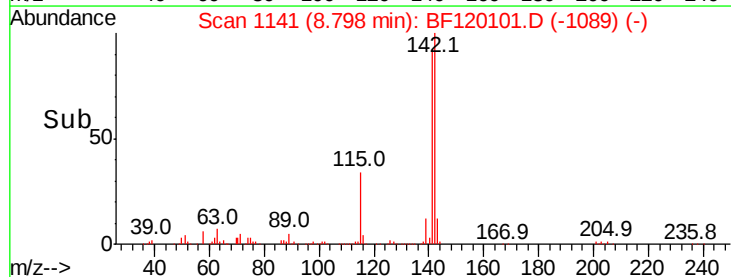
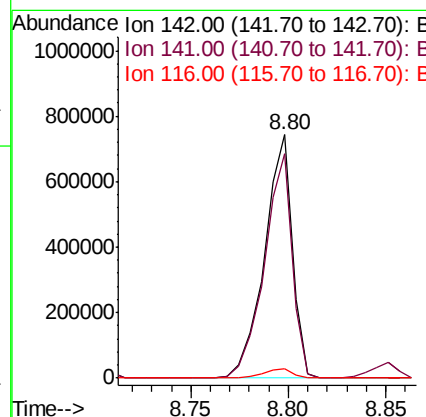
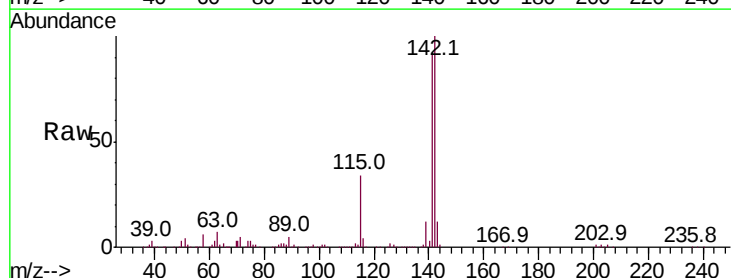
RT: 8.80 min Scan# 1141

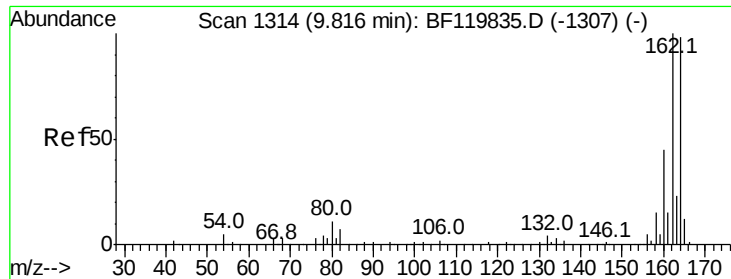
Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	730159		
141	92.3	72.9	109.3	
116	3.7	3.0	4.6	





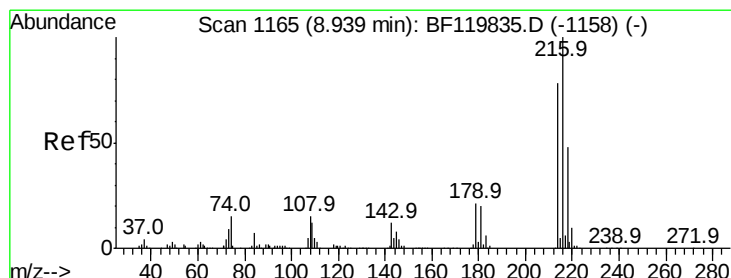
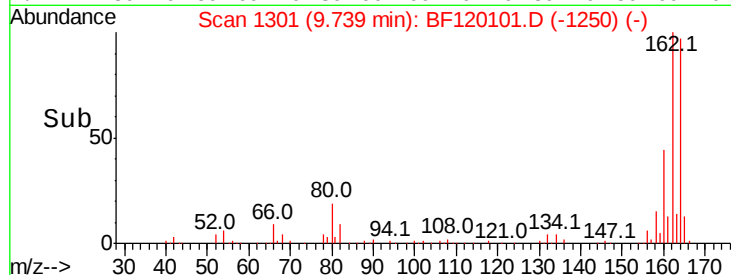
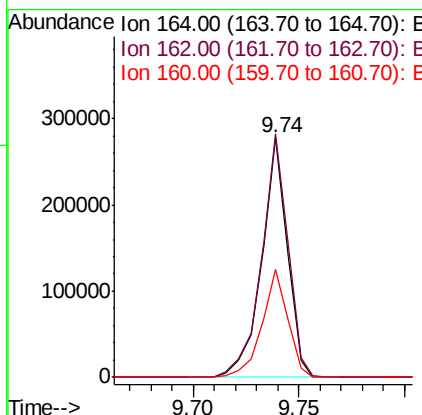
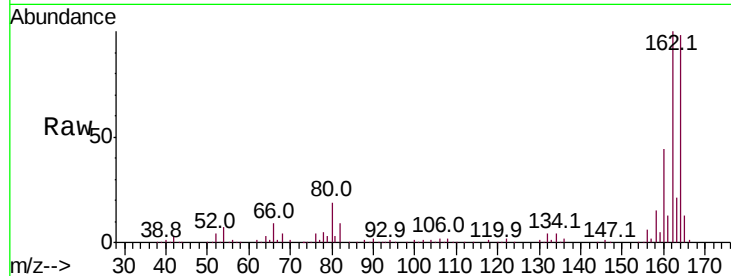
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	81.9	122.9	
160	45.2	36.6	54.8	

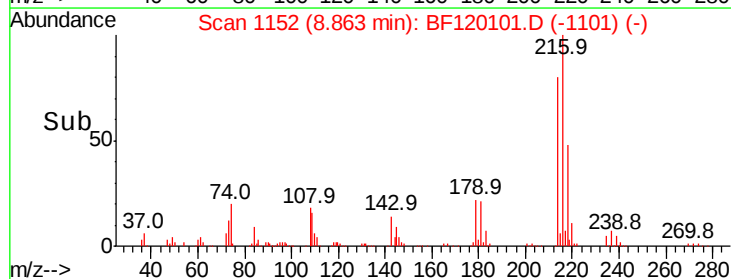
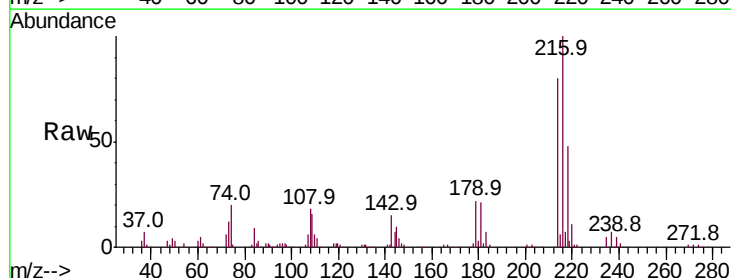
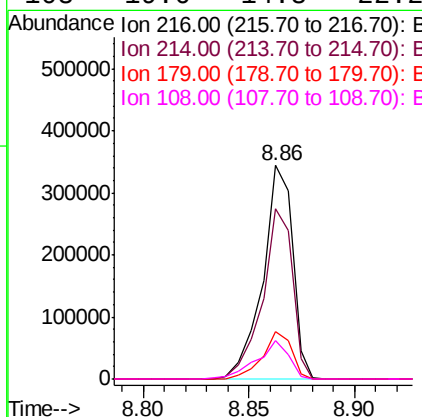
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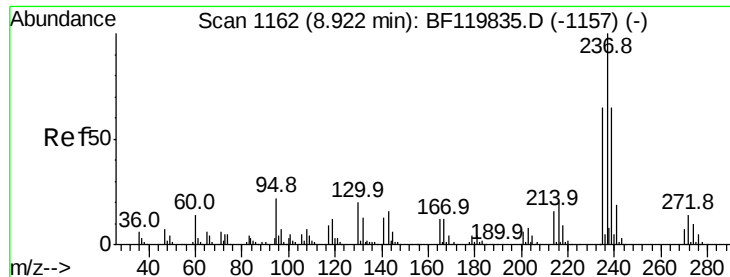
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.697 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.1	94.7	
179	21.5	17.0	25.4	
108	19.6	14.8	22.2	





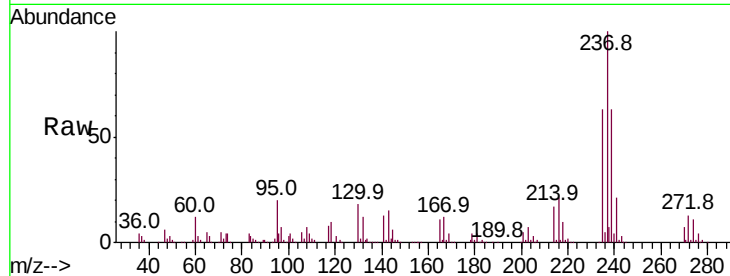
#41
Hexachlorocyclopentadiene
Concen: 82.872 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

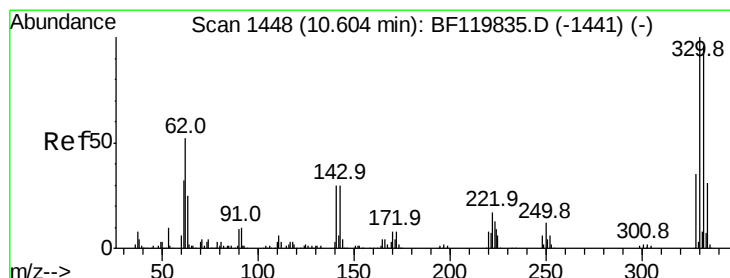
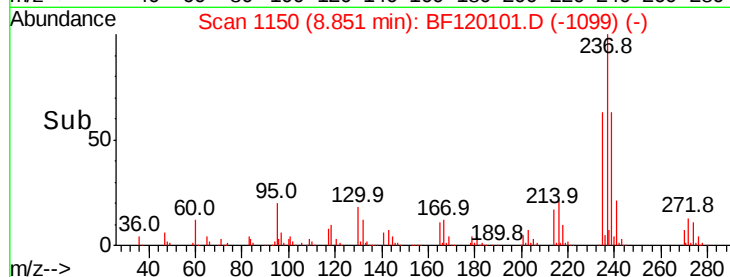
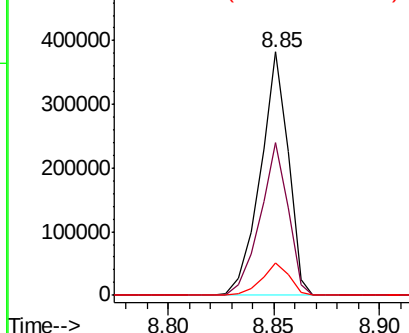
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	44.9	84.9
272	13.2	0.0	33.6

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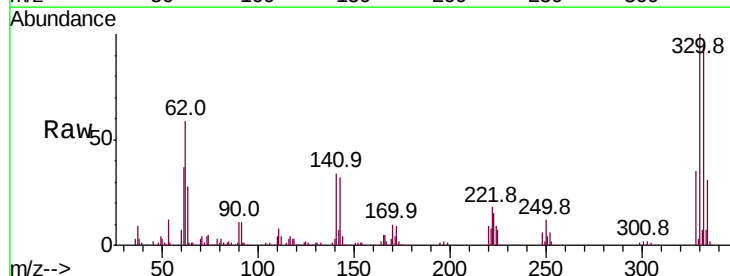


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

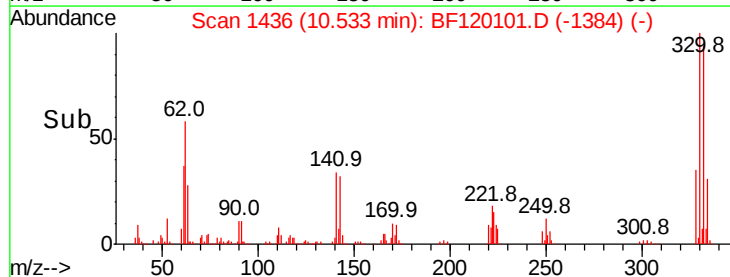
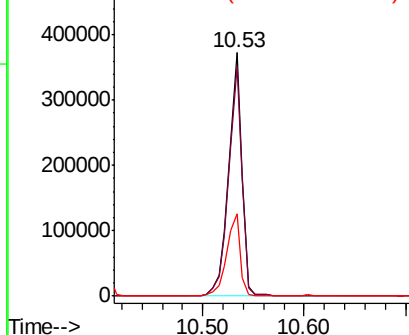


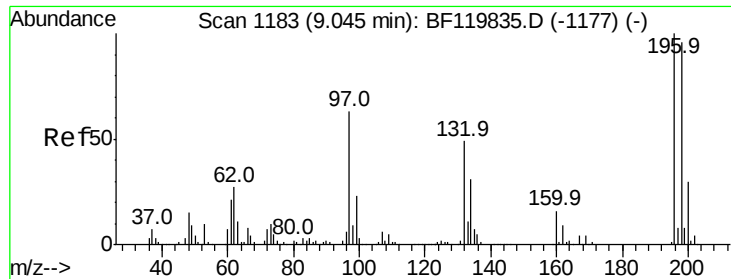
#42
2,4,6-Tribromophenol
Concen: 119.019 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	76.8	115.2
141	34.1	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





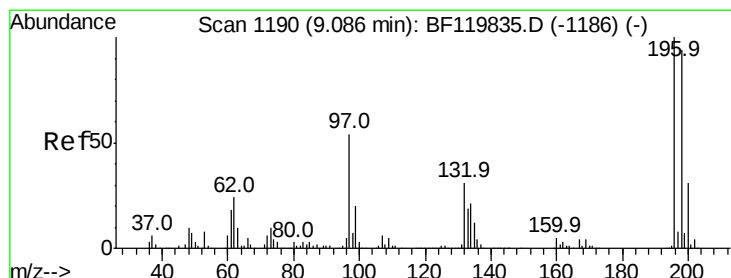
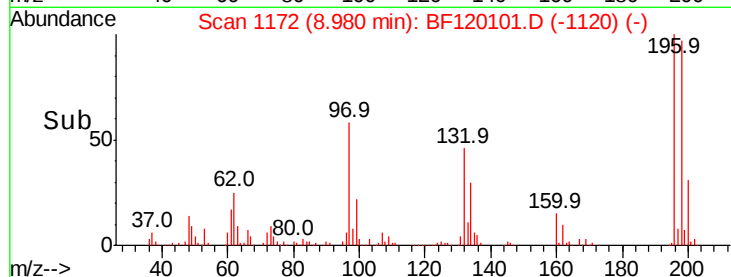
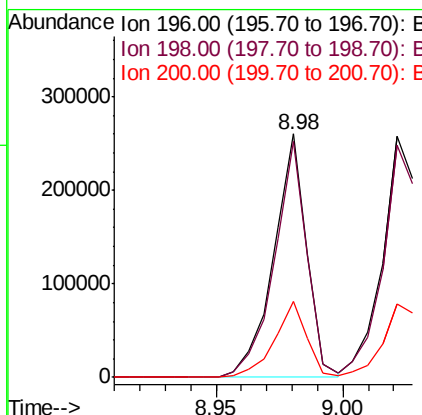
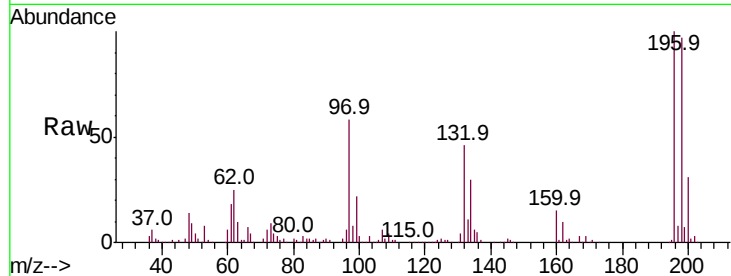
#43
 2,4,6-Trichlorophenol
 Concen: 46.159 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237145		
198	96.7	76.6	115.0	
200	31.1	24.2	36.2	

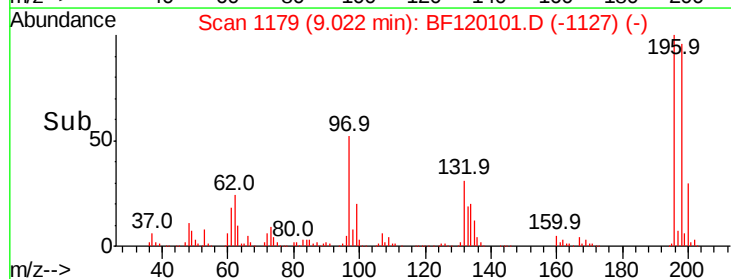
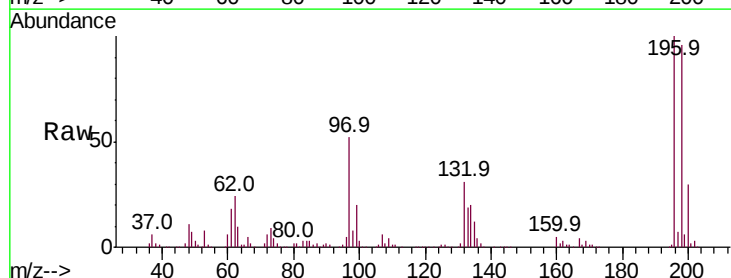
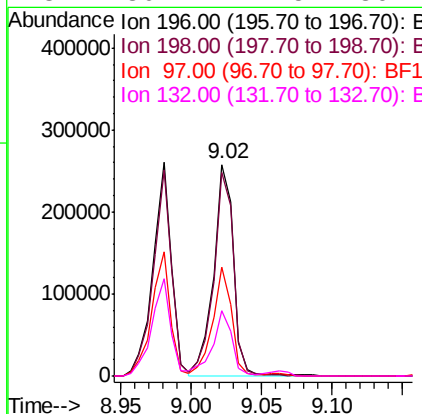
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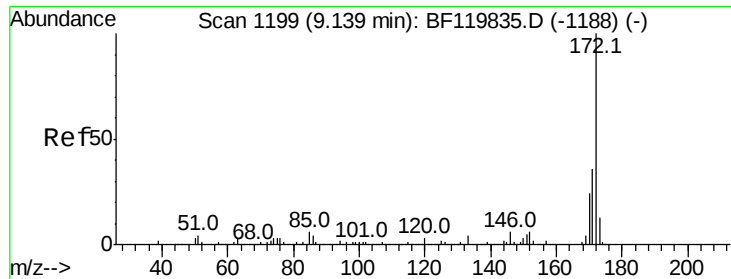
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#44
 2,4,5-Trichlorophenol
 Concen: 43.719 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252976		
198	96.1	75.1	112.7	
97	51.6	43.4	65.2	
132	30.7	24.5	36.7	





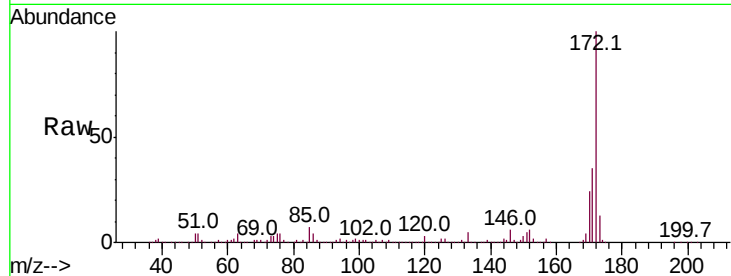
#45
2-Fluorobiphenyl
Concen: 91.494 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

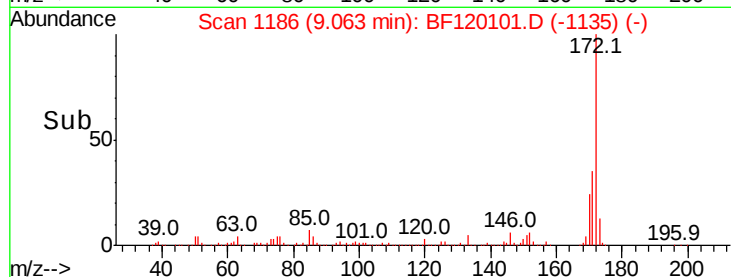
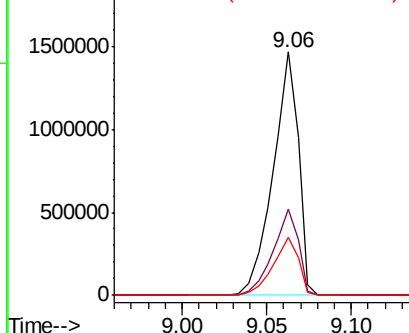
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.6	19.4	29.2

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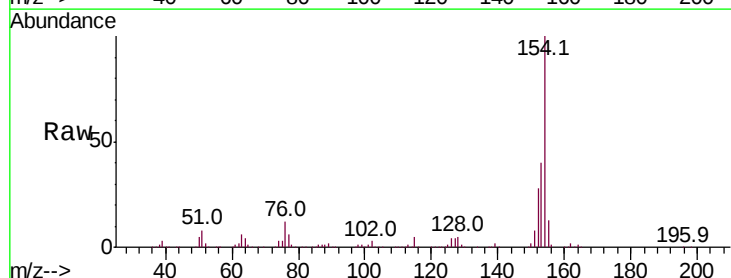
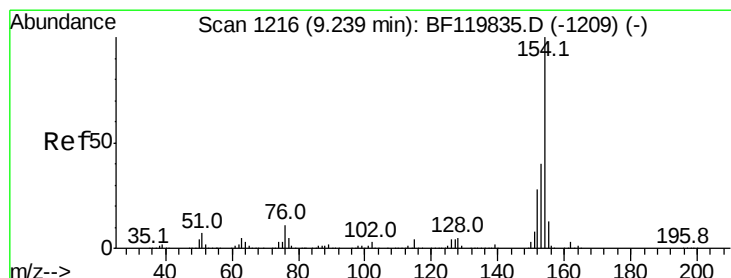
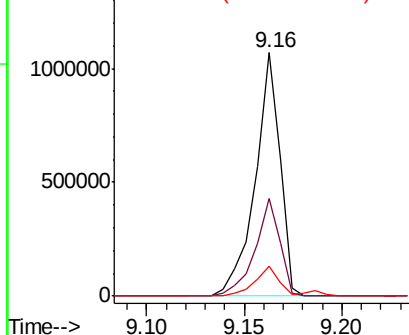
Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

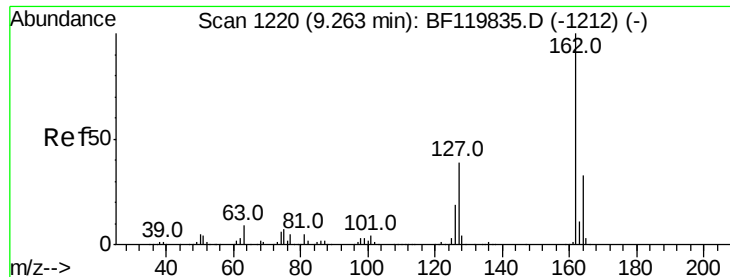


#46
1,1'-Biphenyl
Concen: 47.275 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	12.5	0.0	30.6

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





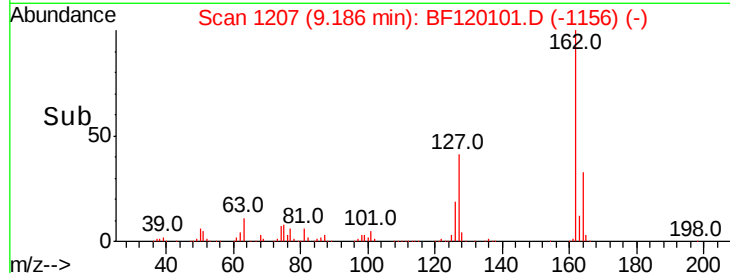
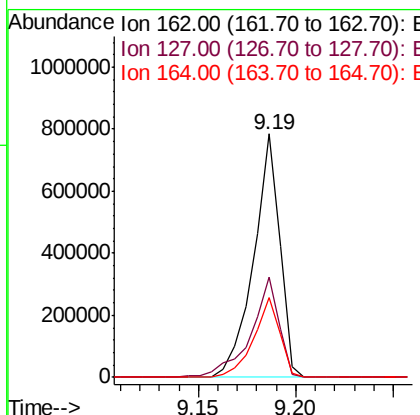
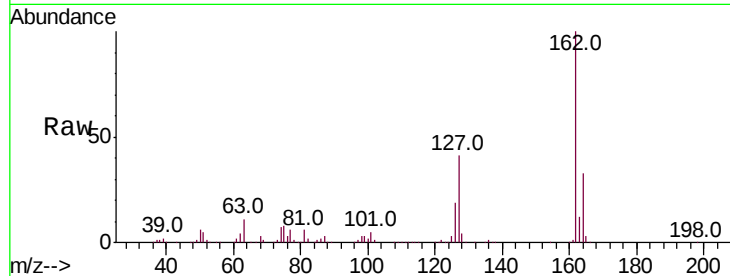
#47
 2-Chloronaphthalene
 Concen: 47.427 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleID :
 PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	726398		
127	41.1		31.2	46.8
164	32.6		26.3	39.5

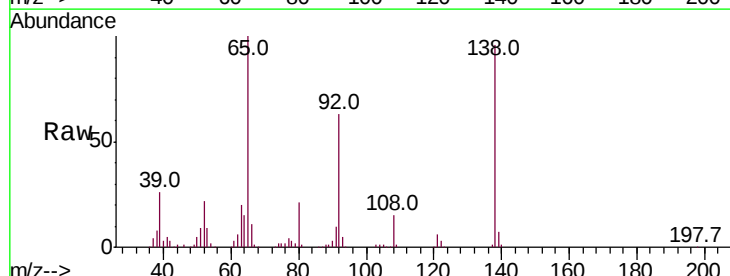
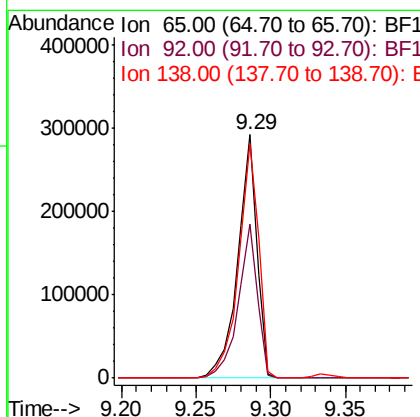
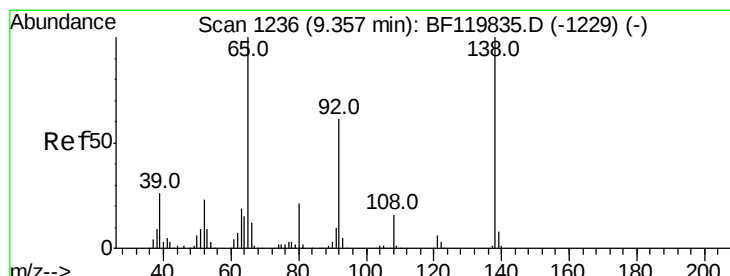
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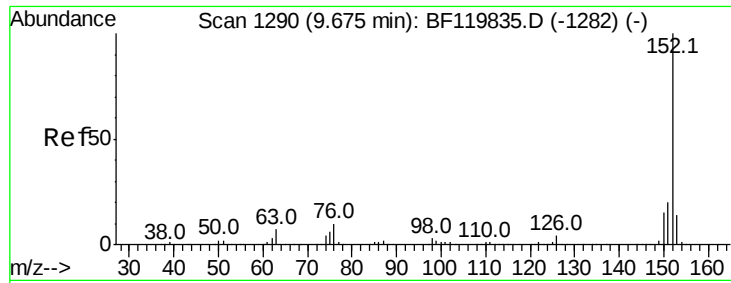
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#48
 2-Nitroaniline
 Concen: 47.202 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	261990		
92	63.2		49.0	73.6
138	96.4		79.7	119.5





#49

Acenaphthylene

Concen: 49.393 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

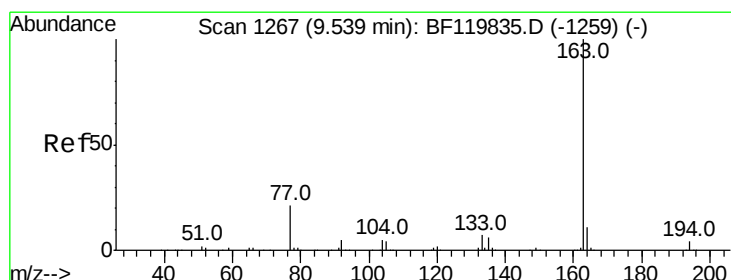
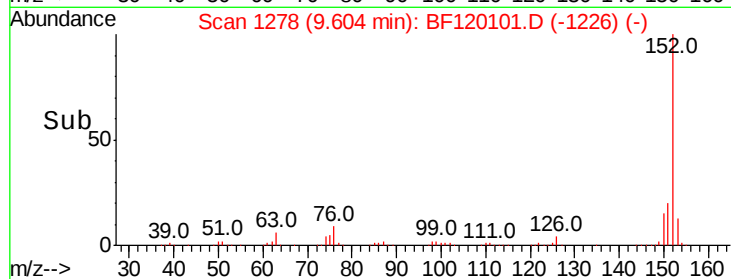
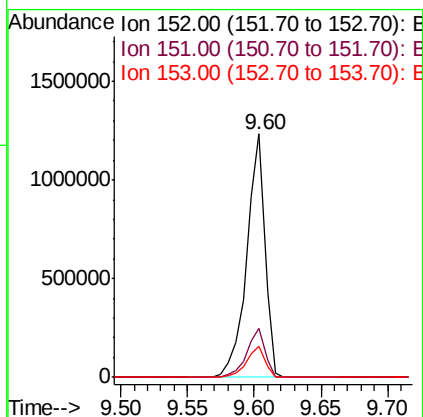
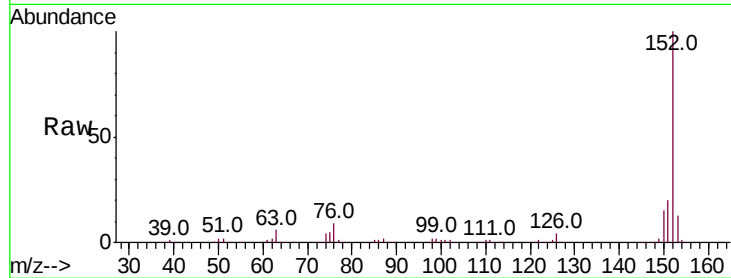
ClientSampleId :

PB128243BSD

Tot Ion:	152	Resp:	1150507
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	12.9	10.9	16.3

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#50

Dimethylphthalate

Concen: 45.996 ng

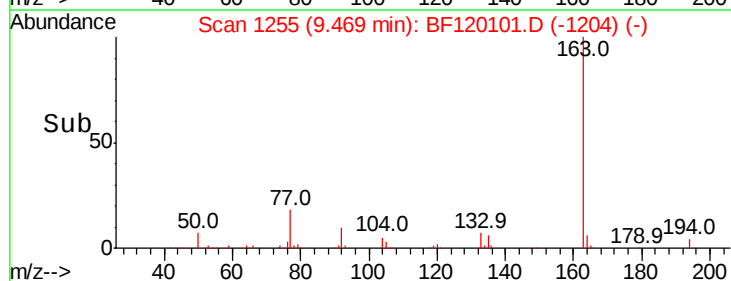
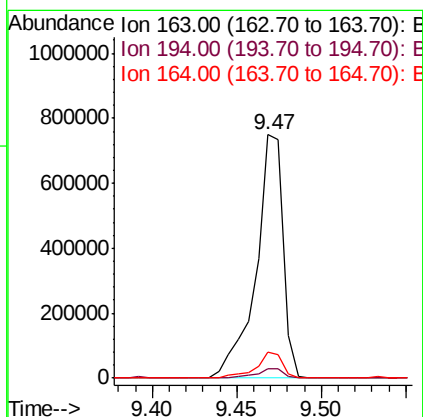
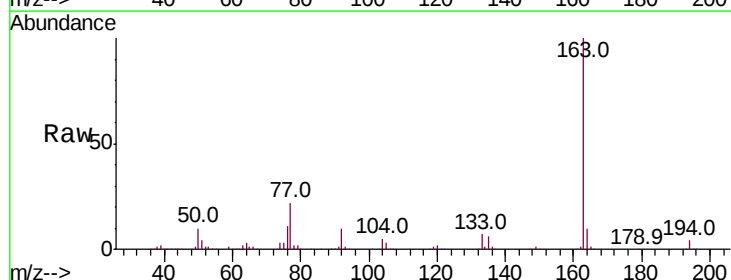
RT: 9.47 min Scan# 1255

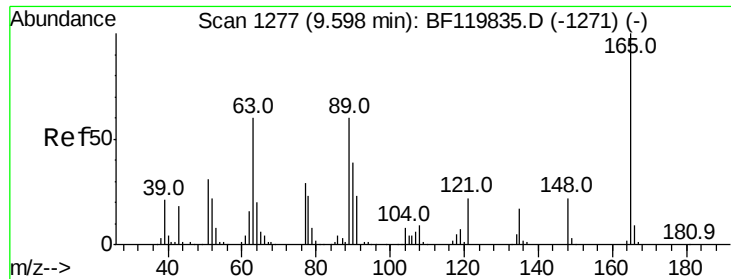
Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Tgt Ion:	163	Resp:	838035
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	10.4	8.4	12.6





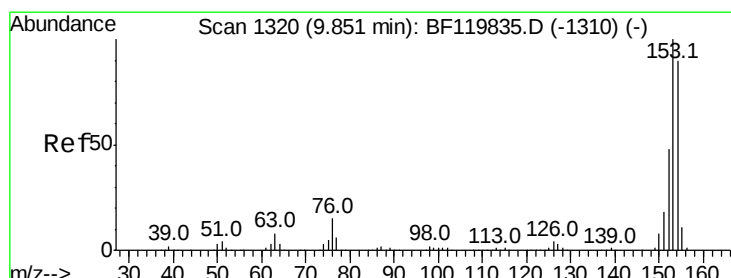
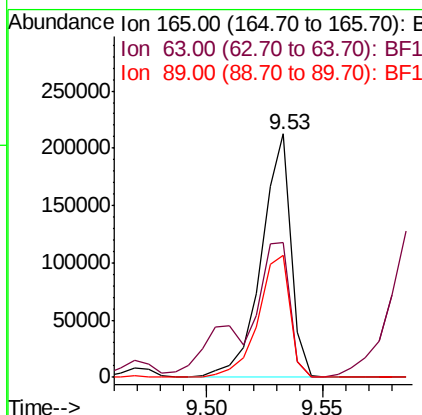
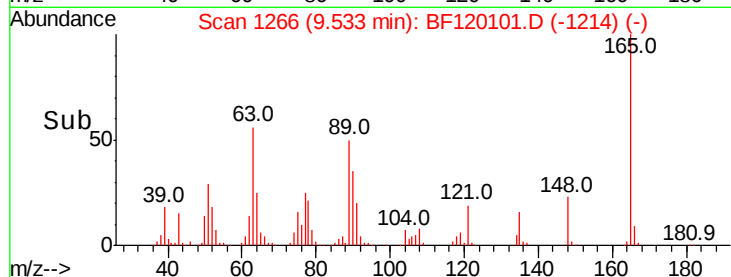
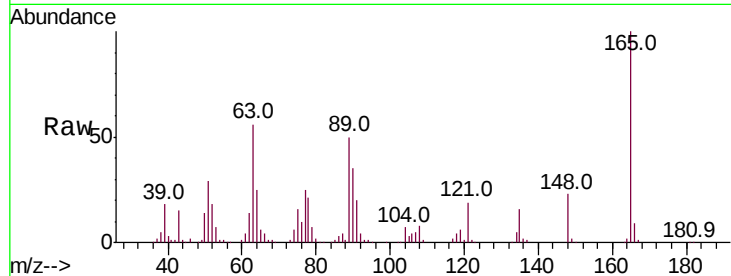
#51
2,6-Dinitrotoluene
Concen: 47.459 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	189355		
63	55.5		55.6	83.4#
89	50.4		47.9	71.9

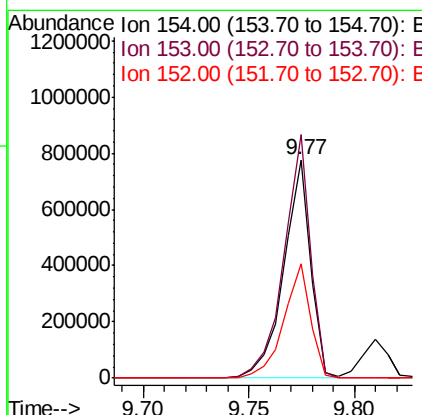
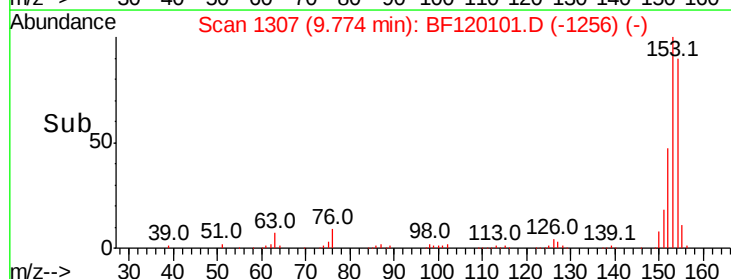
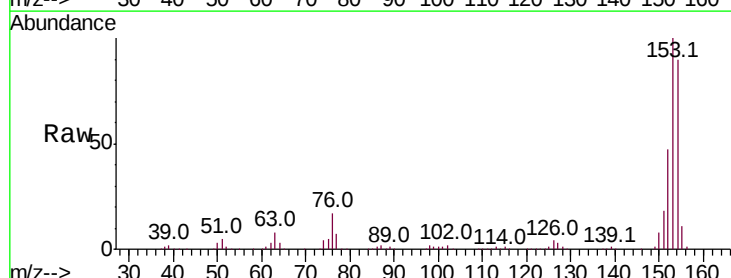
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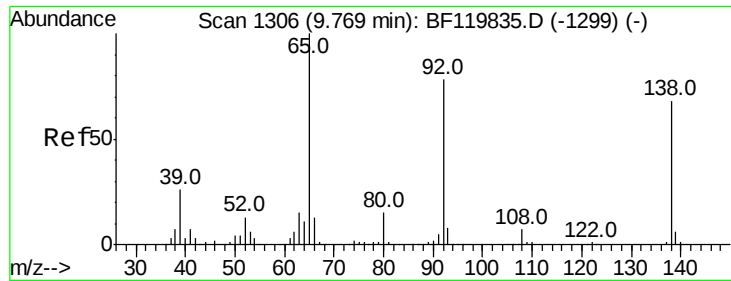
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#52
Acenaphthene
Concen: 44.377 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	689535		
153	111.4		88.8	133.2
152	52.6		42.4	63.6





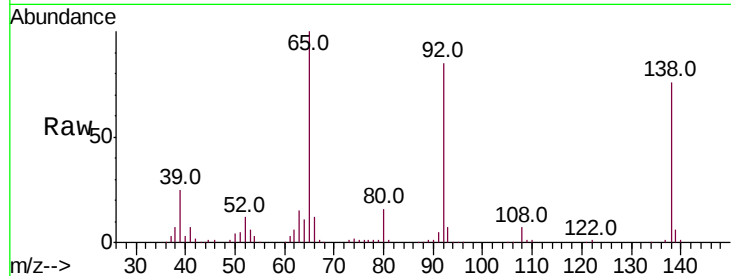
#53
3-Nitroaniline
Concen: 23.651 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.0	12.0
92	111.2	92.1	138.1

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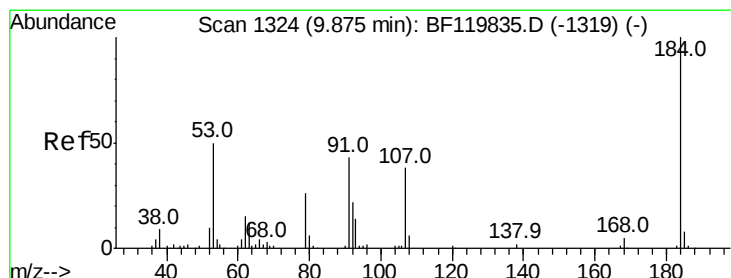
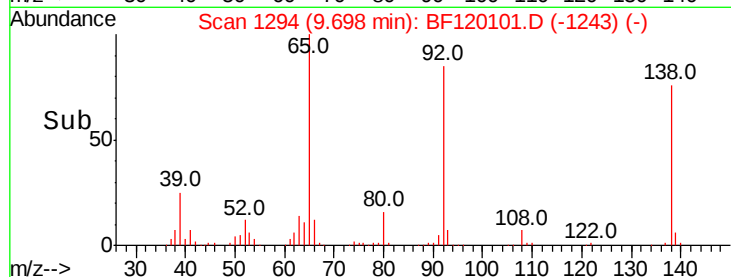
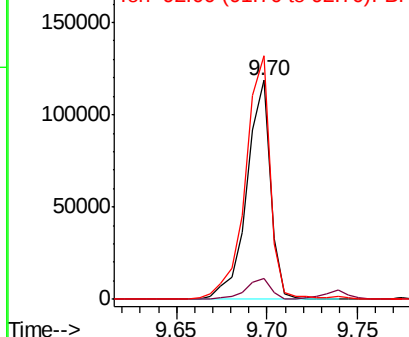


Abundance

Ion 138.00 (137.70 to 138.70): E

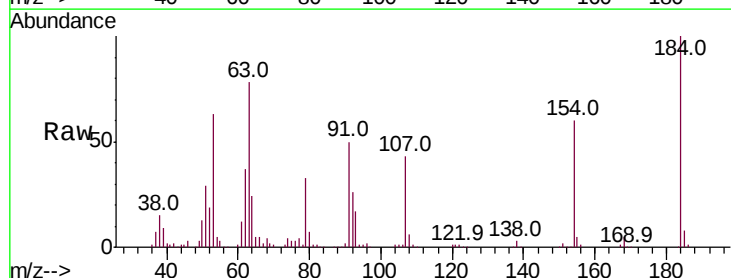
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 89.826 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.7	49.8	74.6#
154	60.0	46.5	69.7

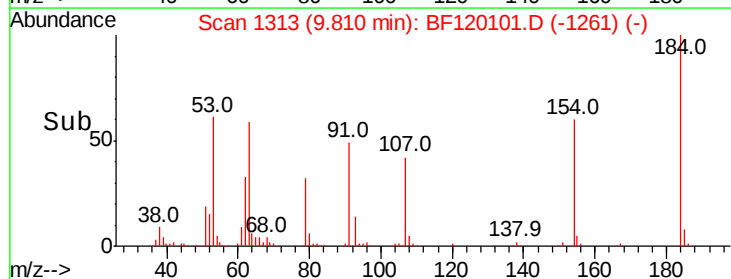
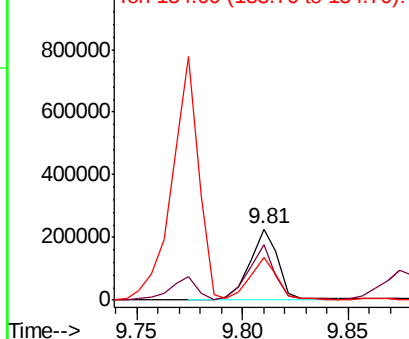


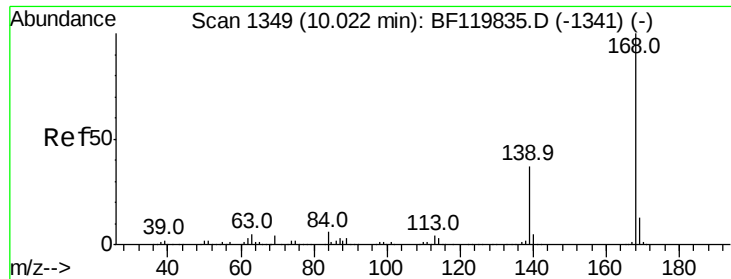
Abundance

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





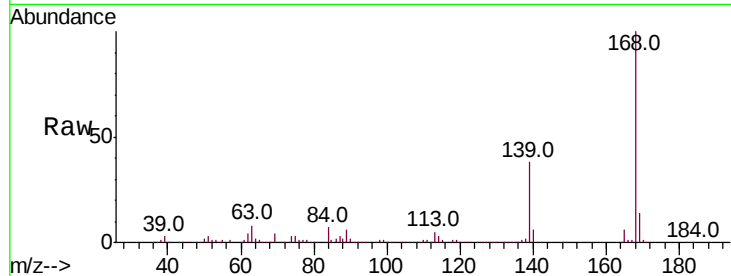
#55
Dibenzofuran
Concen: 48.844 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

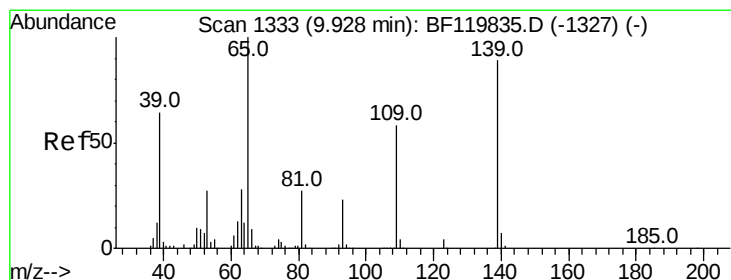
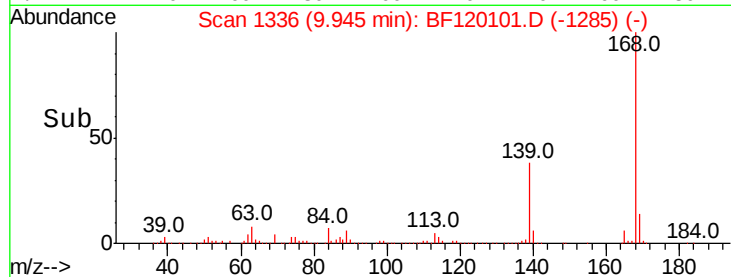
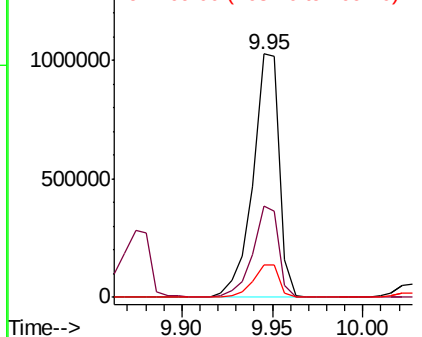
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.5	10.6	15.8

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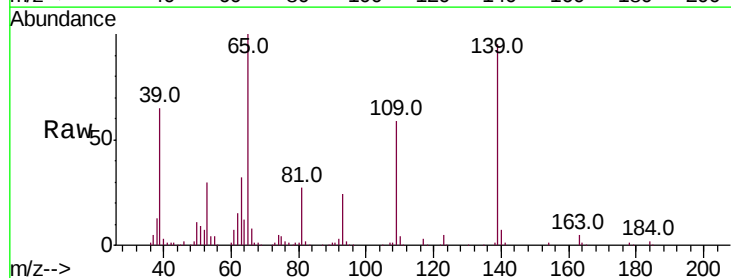


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

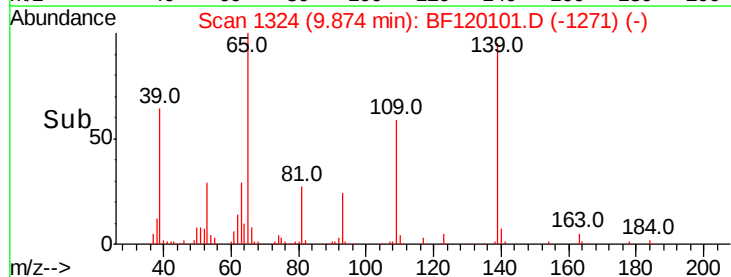
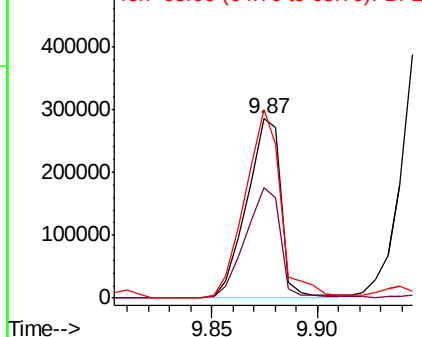


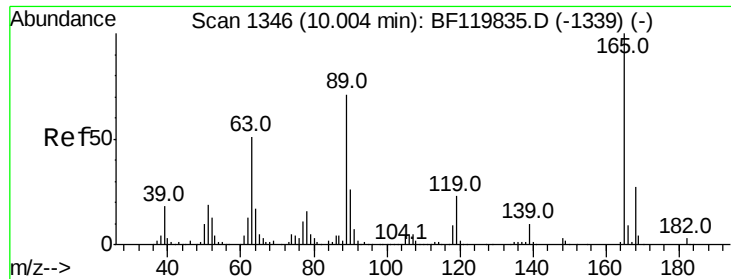
#56
4-Nitrophenol
Concen: 95.301 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.6	45.5	85.5
65	105.2	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





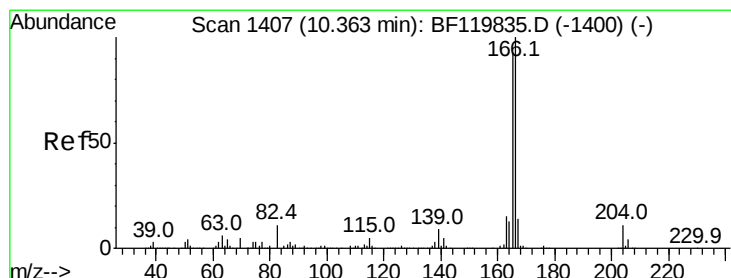
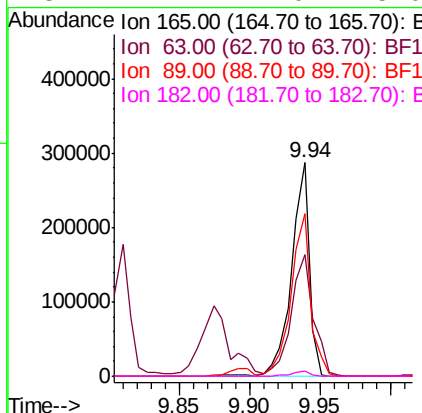
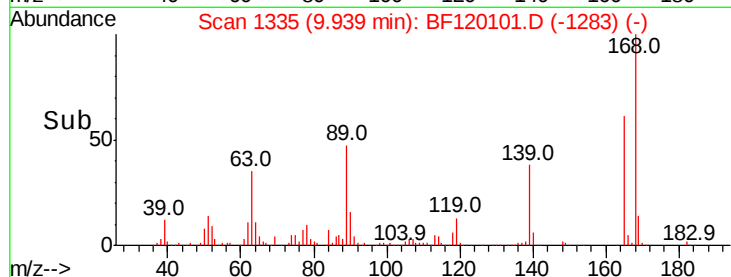
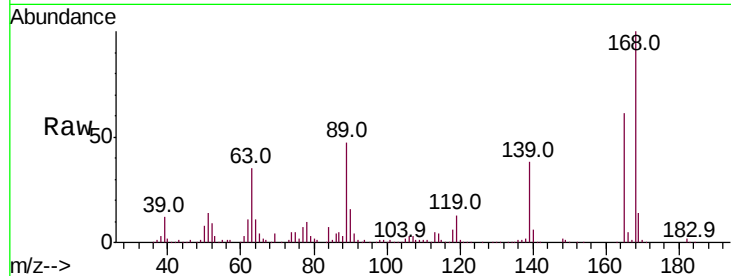
#57
 2,4-Dinitrotoluene
 Concen: 48.317 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253986		
63	57.1		40.8	61.2
89	75.8		56.9	85.3
182	2.7		2.0	3.0

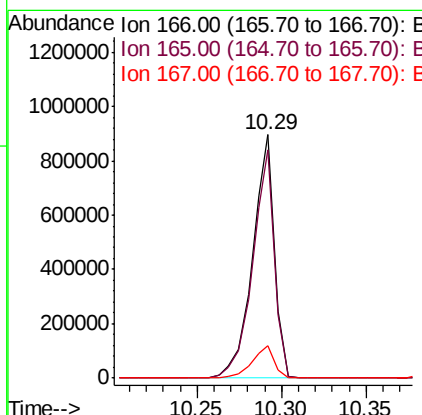
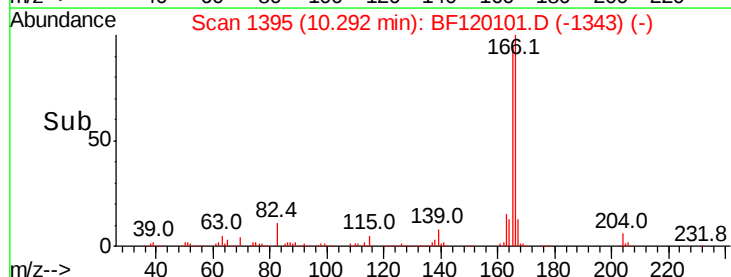
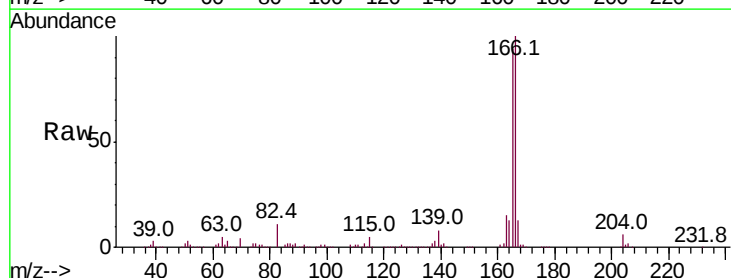
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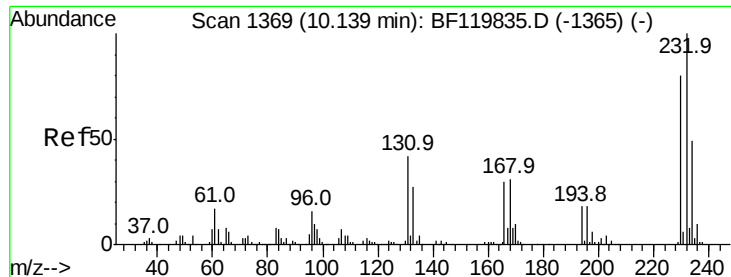
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#58
 Fluorene
 Concen: 47.513 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	810204		
165	94.0		74.2	111.2
167	13.5		10.8	16.2





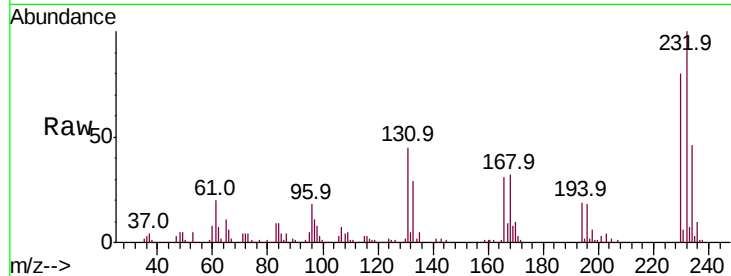
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.141 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	208623		
131	47.4		37.9	56.9
130	2.2		1.8	2.6
166	31.4		25.4	38.0

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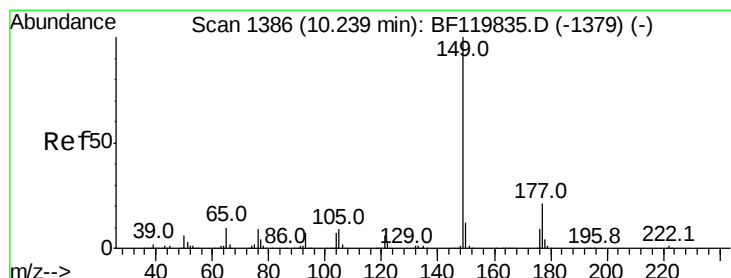
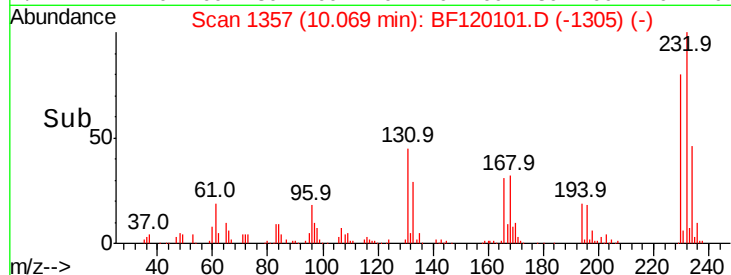
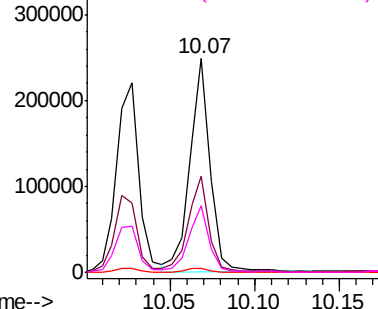
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

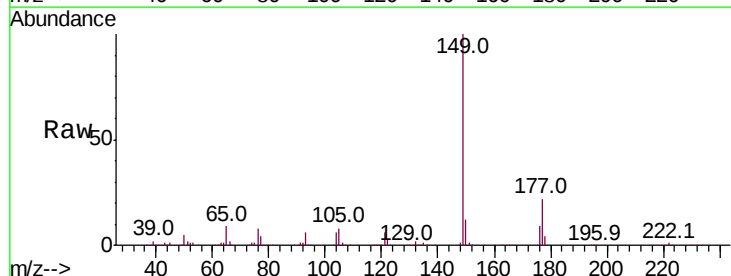
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.907 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	848015		
177	21.6		16.8	25.2
150	11.9		9.8	14.6

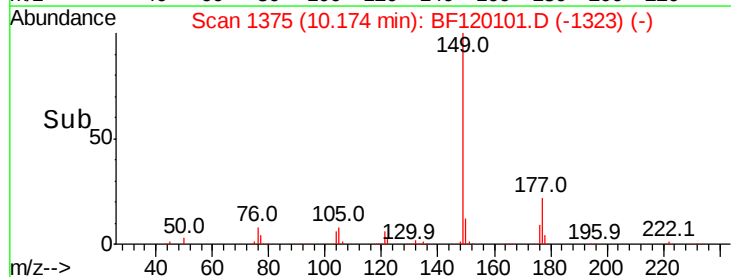
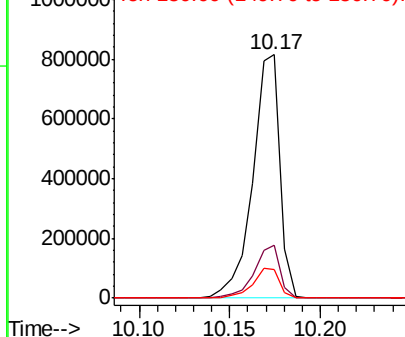


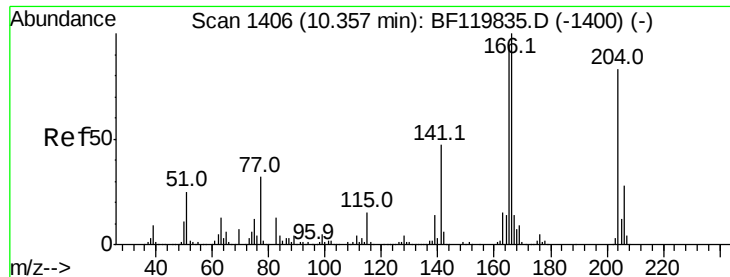
Abundance

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





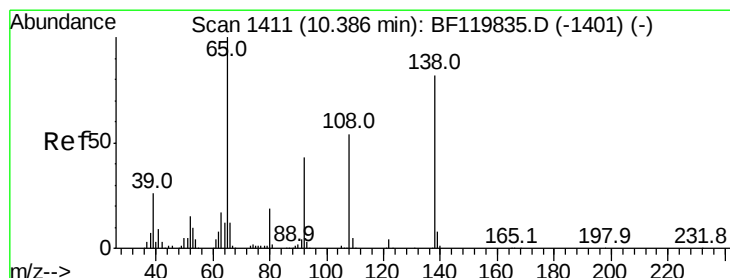
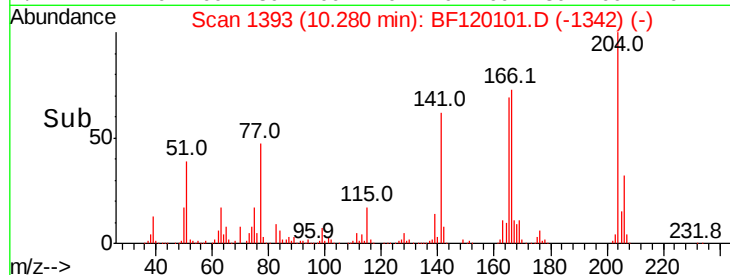
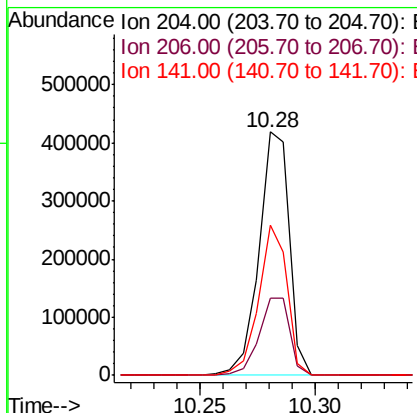
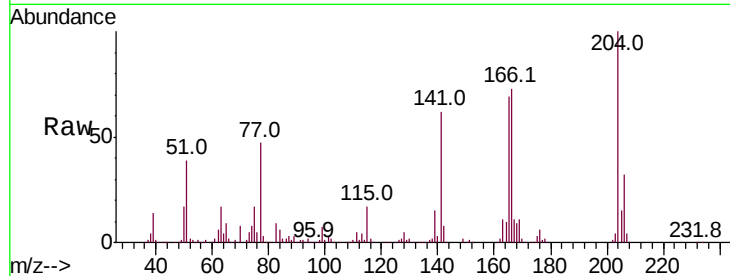
#61
 4-Chlorophenyl-phenylether
 Concen: 43.789 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleID :
 PB128243BSD

Tot Ion:	204	Resp:	382715
Ion Ratio	Lower	Upper	
204	100		
206	31.9	26.7	40.1
141	61.6	45.8	68.8

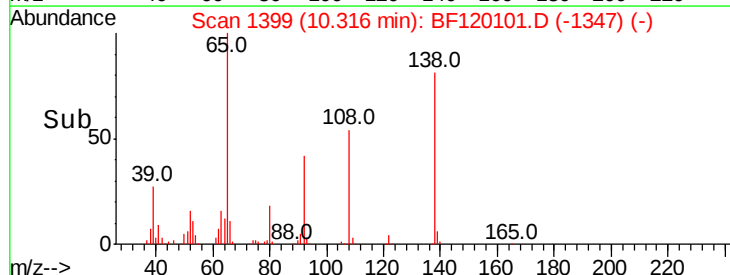
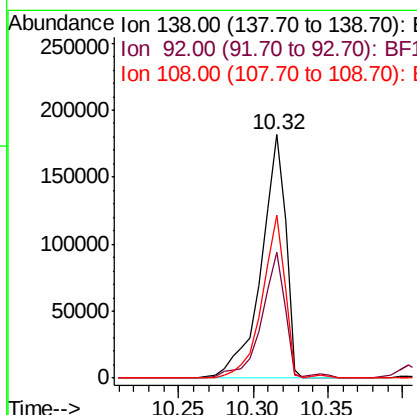
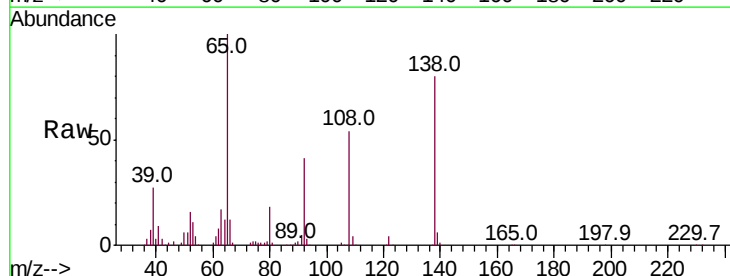
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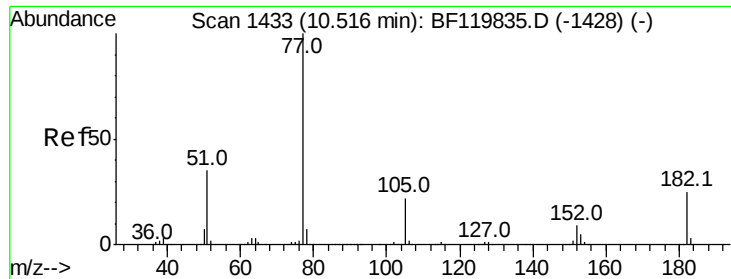
mohammad
 4/24/2020 4:17:00 AM



#62
 4-Nitroaniline
 Concen: 47.357 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:	138	Resp:	205654
Ion Ratio	Lower	Upper	
138	100		
92	51.5	31.6	71.6
108	66.9	45.2	85.2





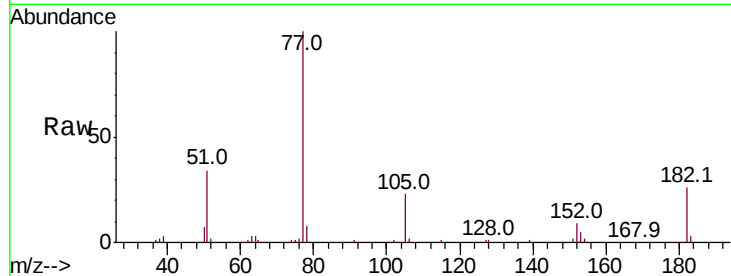
#63
Azobenzene
Concen: 47.571 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.5	44.5
105	23.4	2.2	42.2
51	33.6	15.1	55.1

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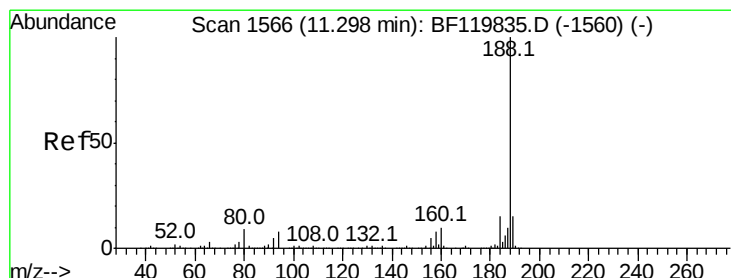
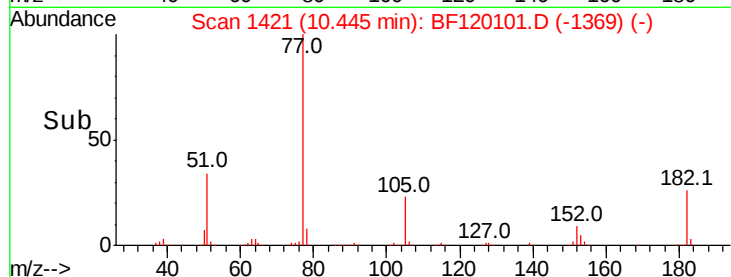
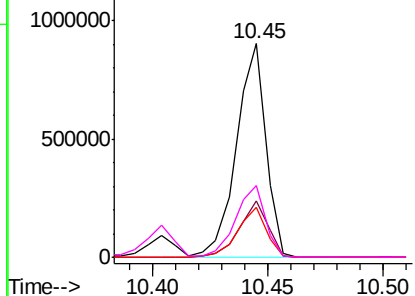
Abundance

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: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

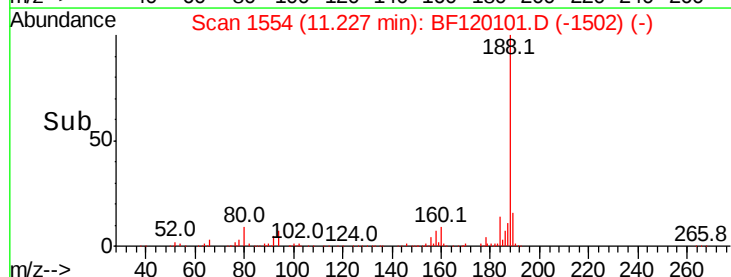
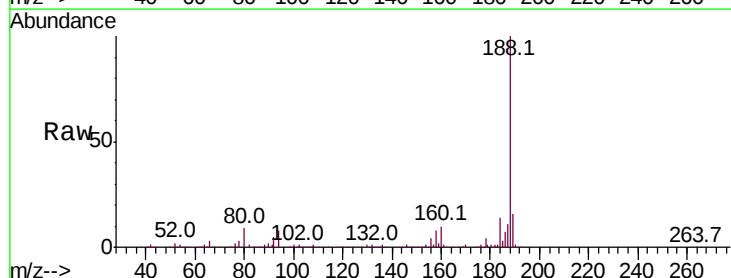
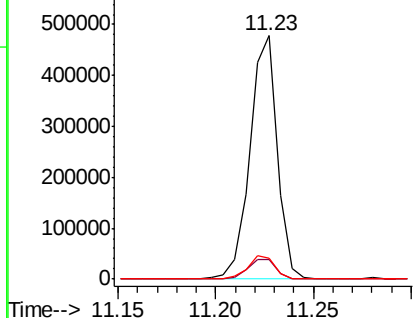
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	8.6	7.4	11.2

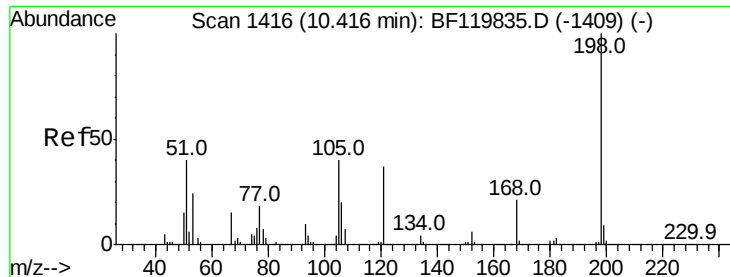
Abundance

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: 48.655 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

Tot Ion:198 Resp: 148459

Ion Ratio Lower Upper

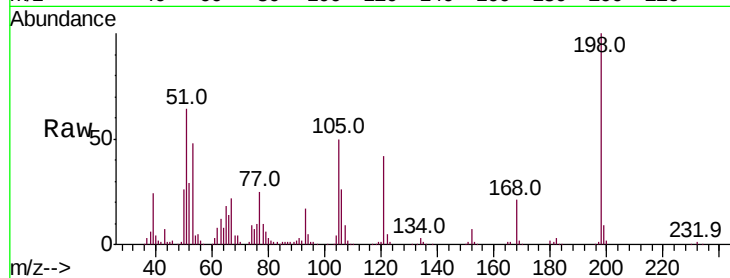
198 100

51 63.5 25.2 65.2

105 50.3 20.8 60.8

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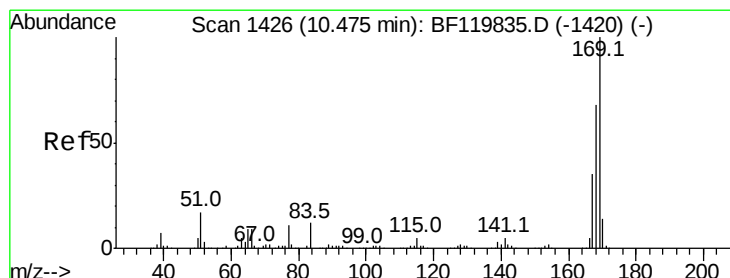
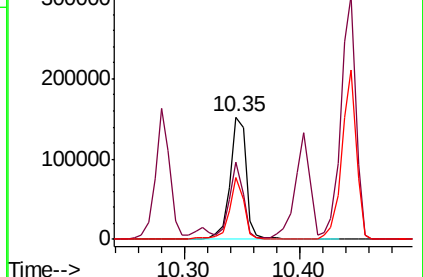
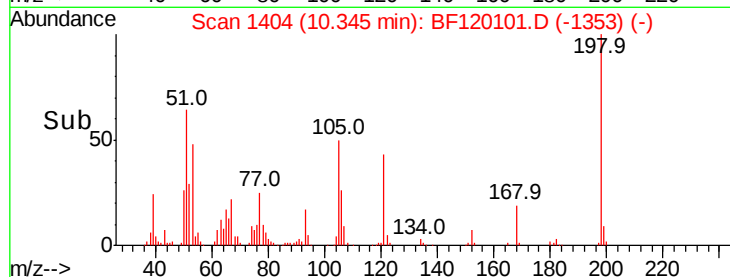
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.585 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

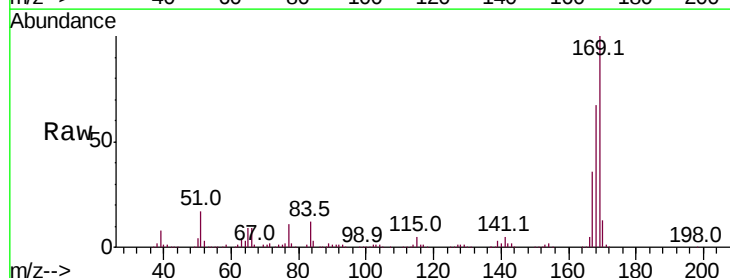
Tgt Ion:169 Resp: 732961

Ion Ratio Lower Upper

169 100

168 66.5 54.2 81.4

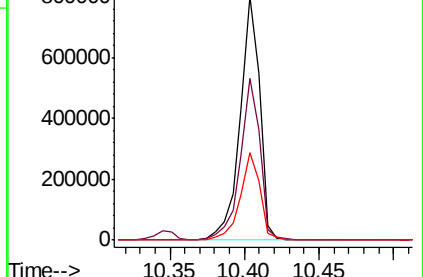
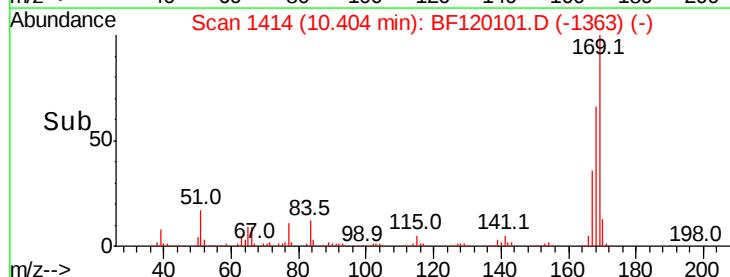
167 35.9 28.3 42.5

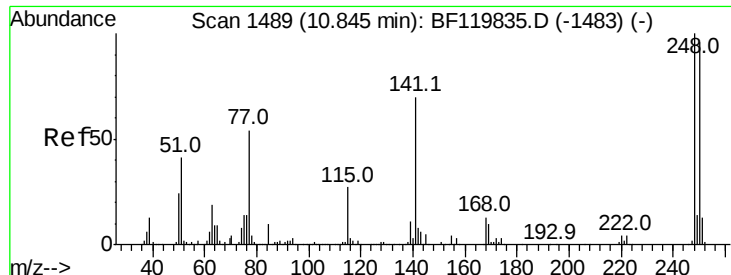


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





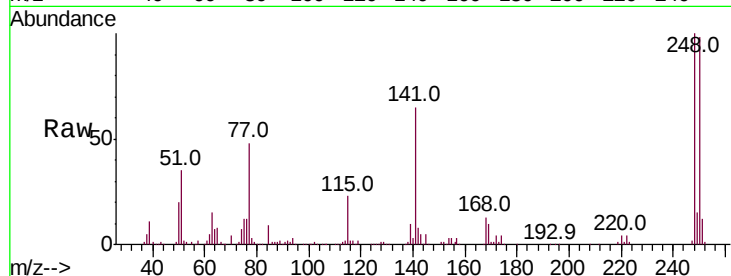
#67
 4-Bromophenyl-phenylether
 Concen: 40.282 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.6	114.8
141	64.6	55.9	83.9

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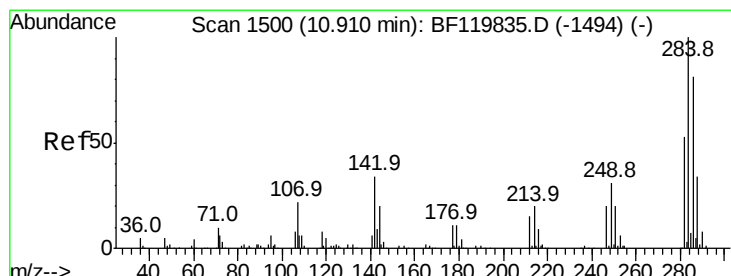
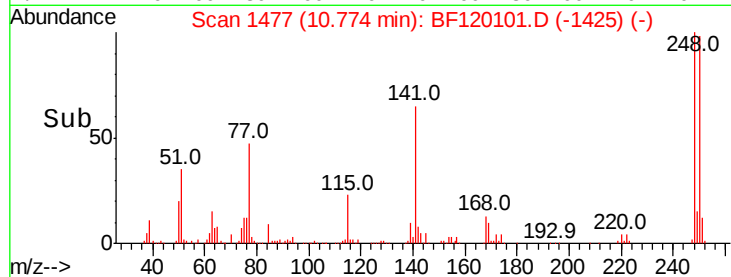
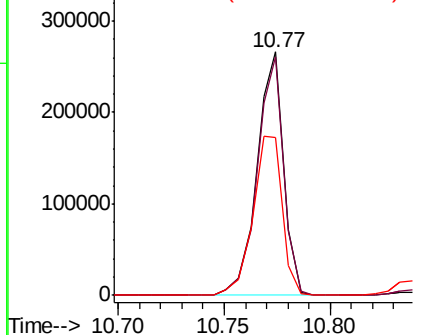


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.260 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

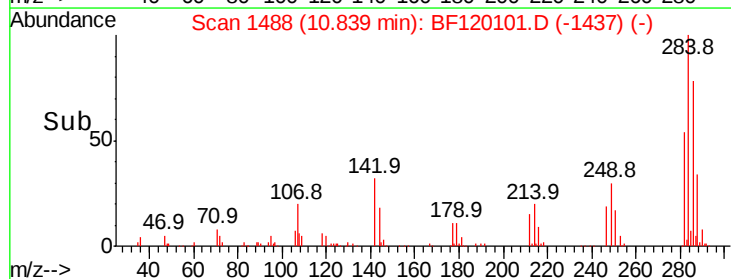
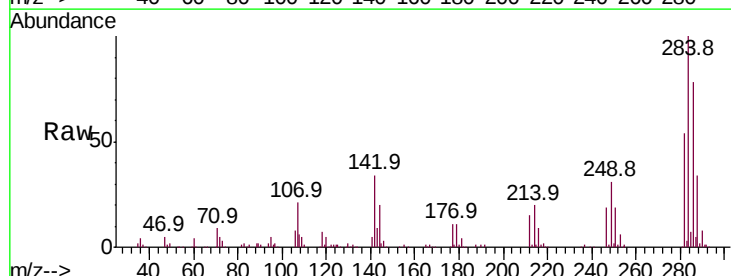
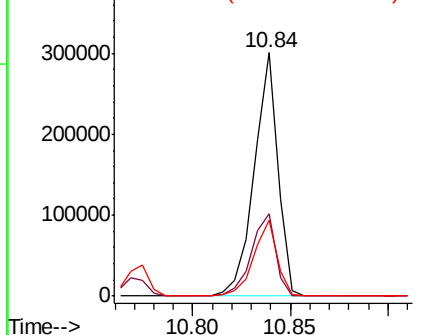
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.9	40.3
249	31.1	24.6	37.0

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





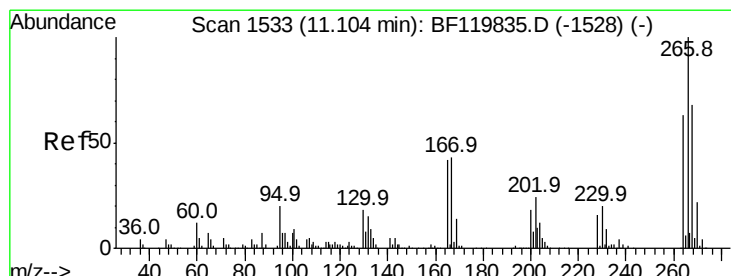
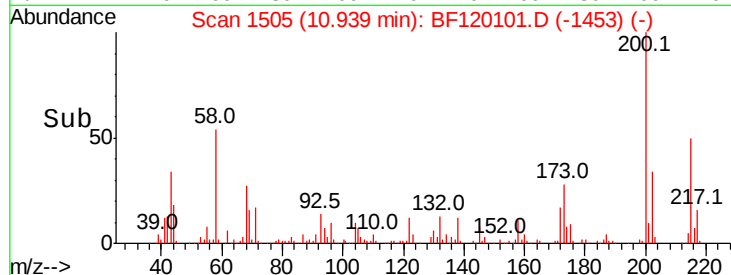
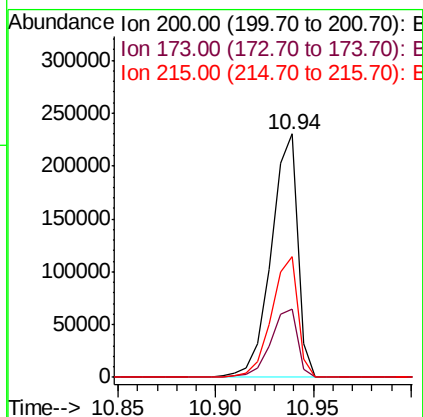
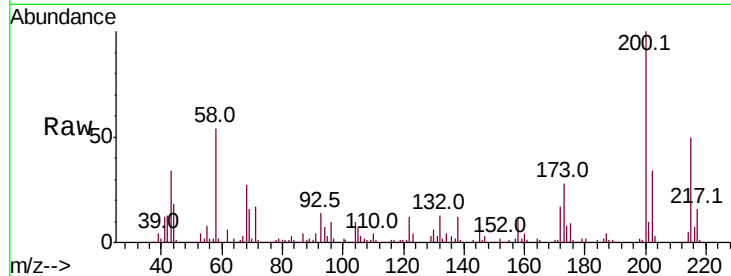
#69
Atrazine
Concen: 50.555 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	8.0	48.0
215	49.7	27.1	67.1

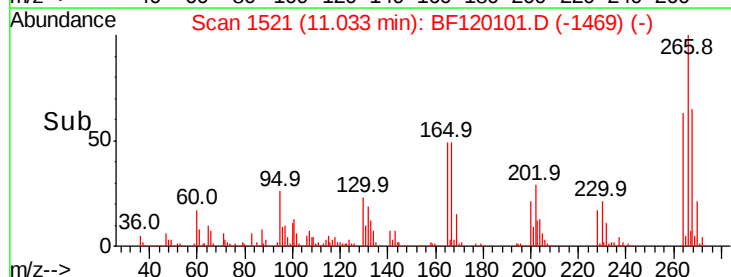
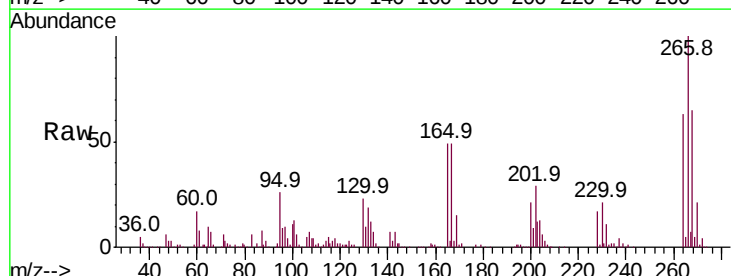
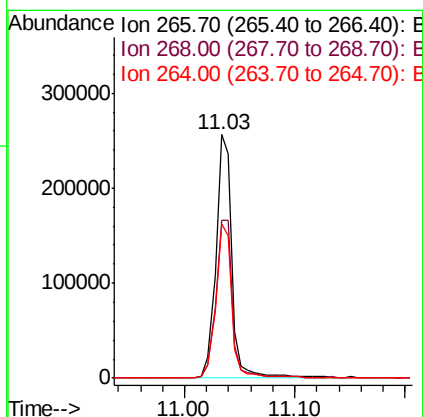
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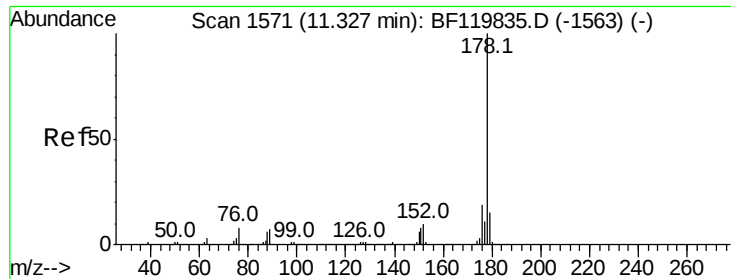
mohammad
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#70
Pentachlorophenol
Concen: 76.285 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	54.2	81.4
264	63.2	50.6	76.0





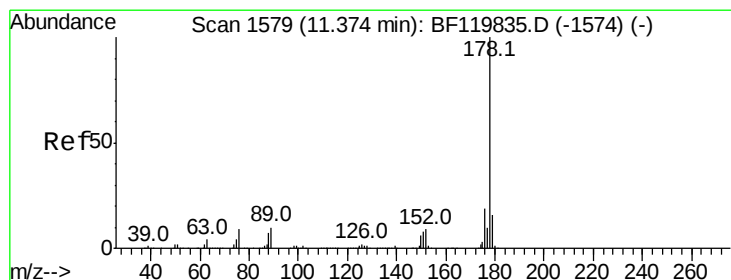
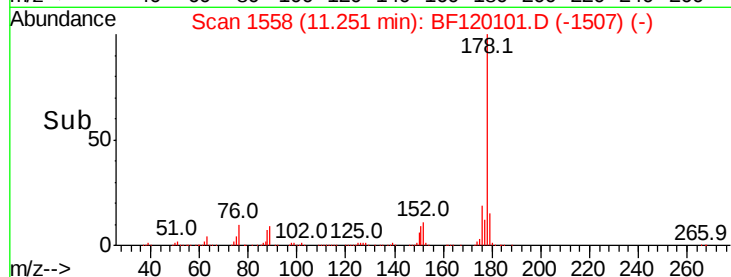
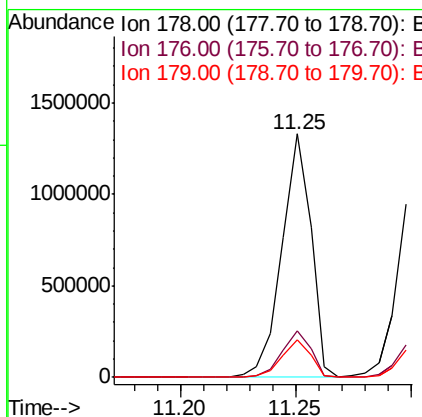
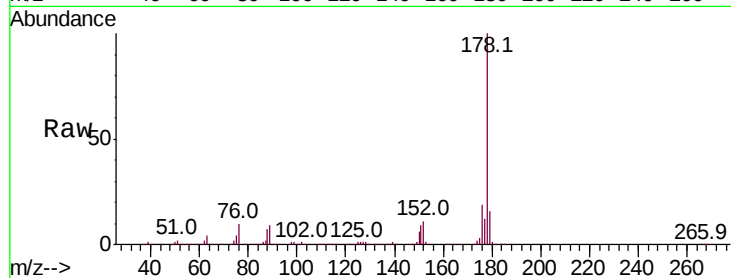
#71
Phenanthrene
Concen: 47.363 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion:178 Resp: 1167478
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.6 12.2 18.4

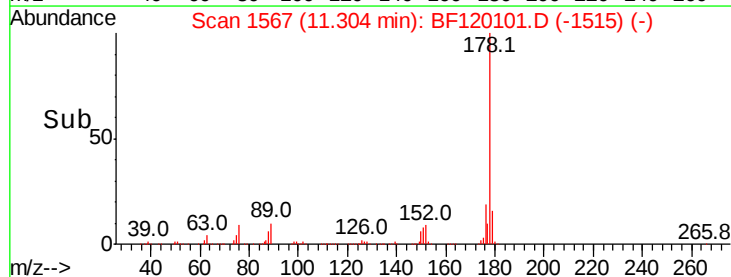
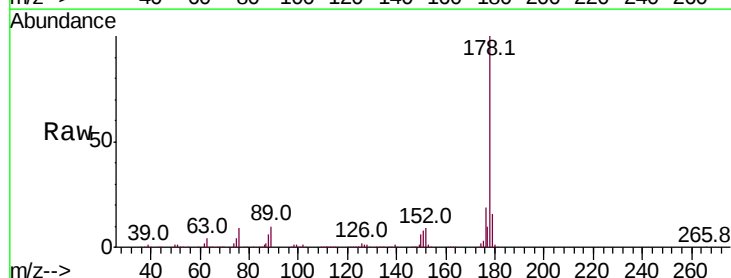
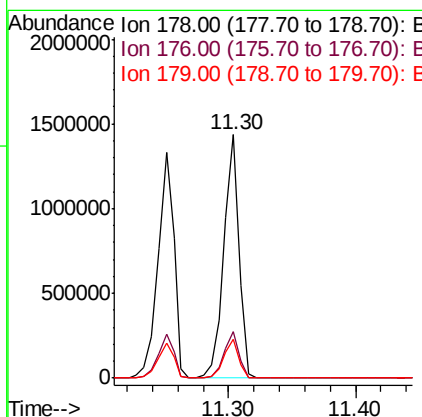
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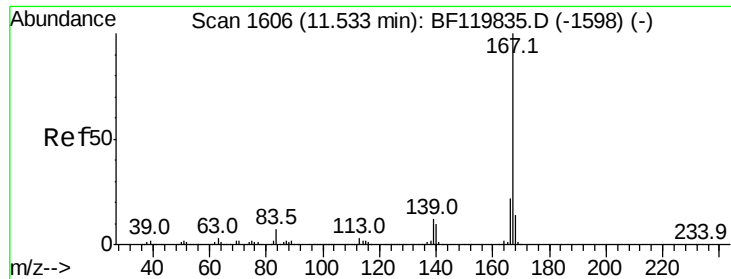
mohammad
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#72
Anthracene
Concen: 47.792 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion:178 Resp: 1203450
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.8 19.2





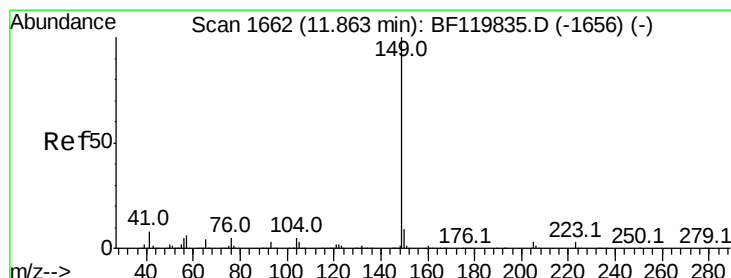
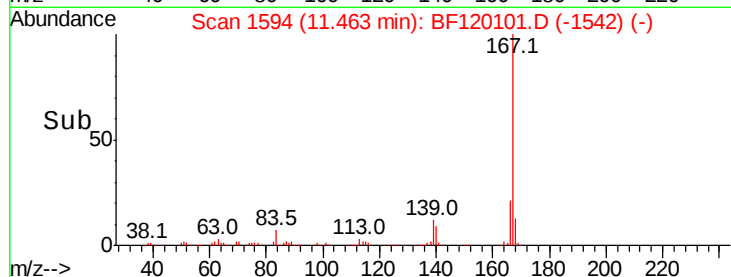
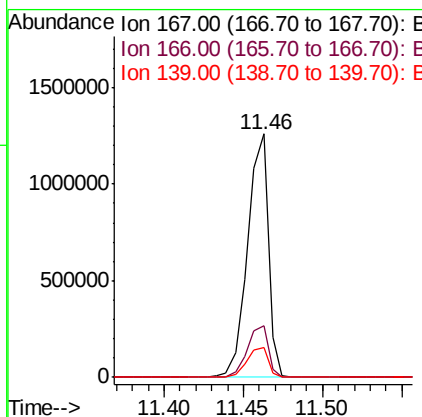
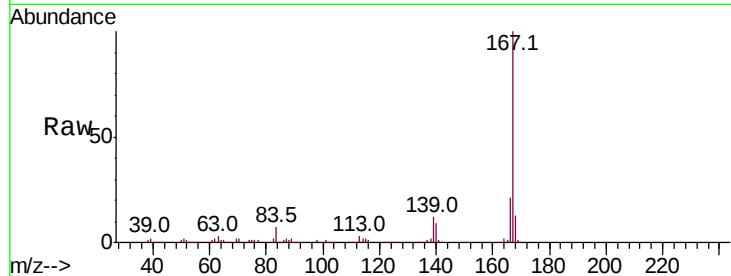
#73
 Carbazole
 Concen: 47.890 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion:167 Resp: 1140405
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.1 9.8 14.8

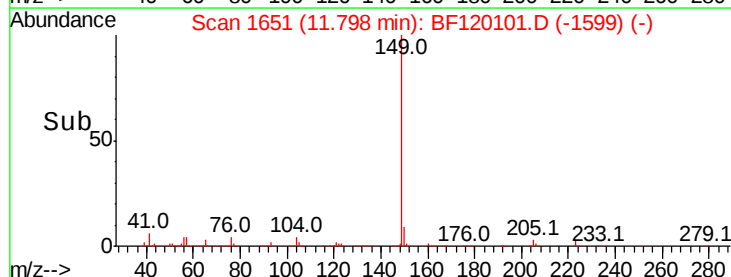
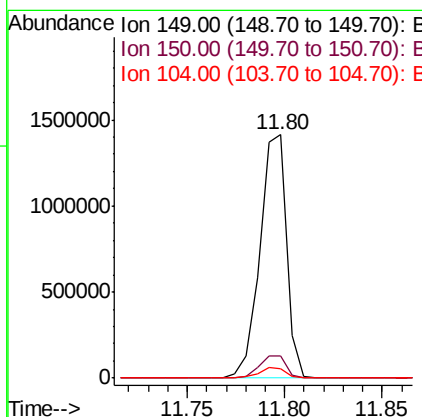
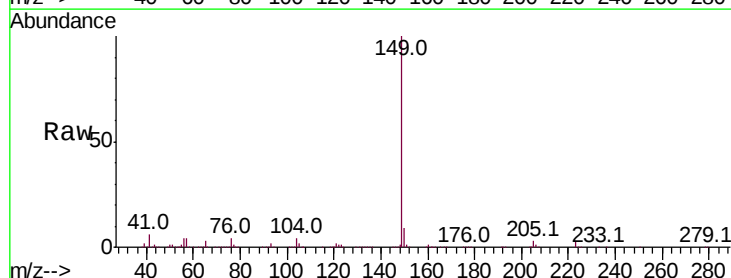
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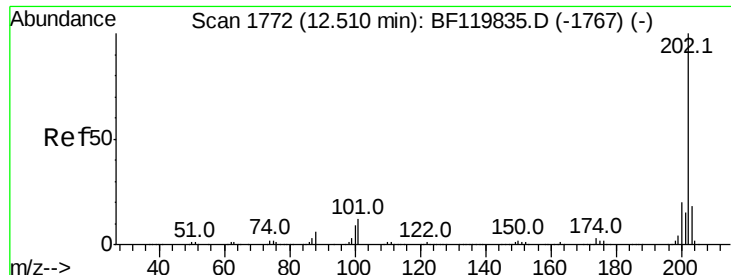
mohammad
 4/24/2020 4:17:00 AM



#74
 Di-n-butylphthalate
 Concen: 42.574 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. 0.01 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion:149 Resp: 1332755
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 4.1 3.8 5.6





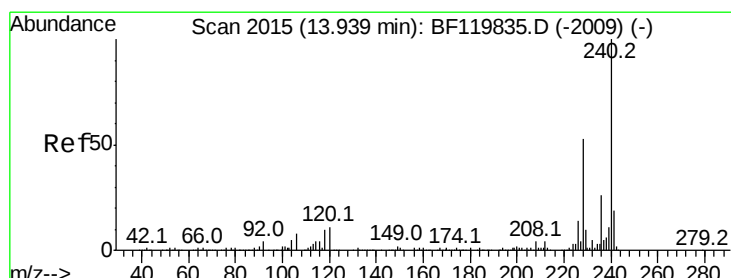
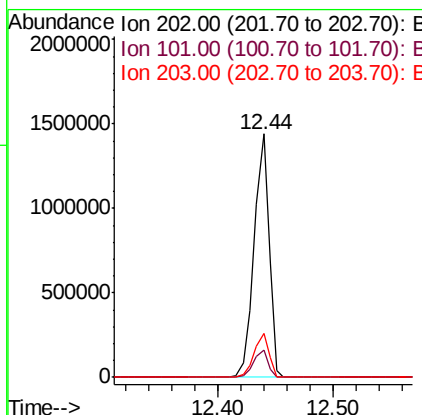
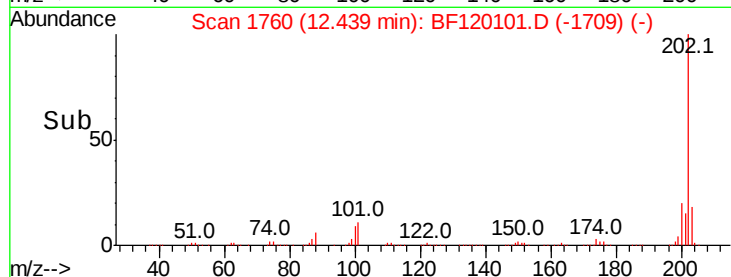
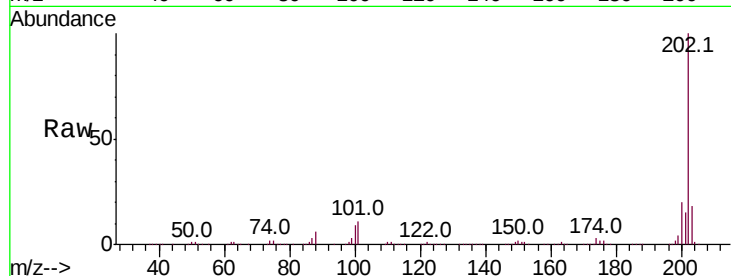
#75
 Fluoranthene
 Concen: 49.110 ng
 RT: 12.44 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.3
203	17.9	0.0	37.6

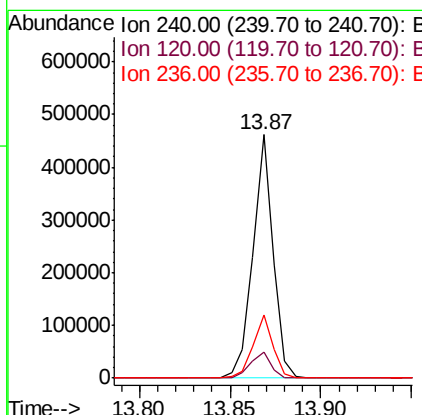
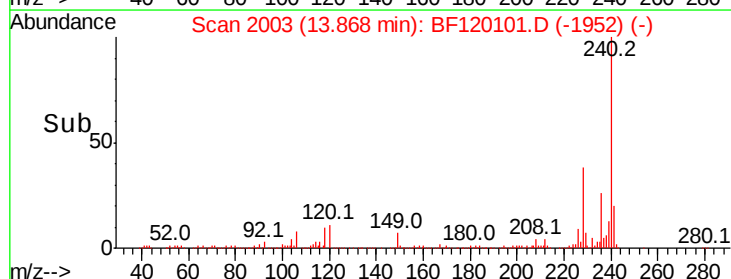
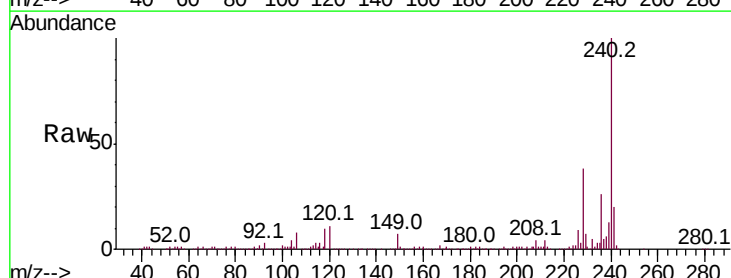
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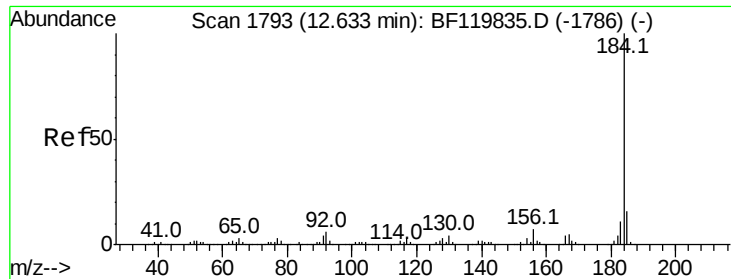
mohammad
 4/24/2020 4:17:00 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	26.1	20.7	31.1





#77

Benzidine

Concen: 41.546 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

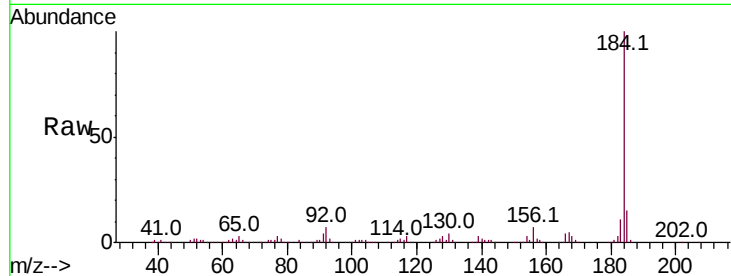
ClientSampleId :

PB128243BSD

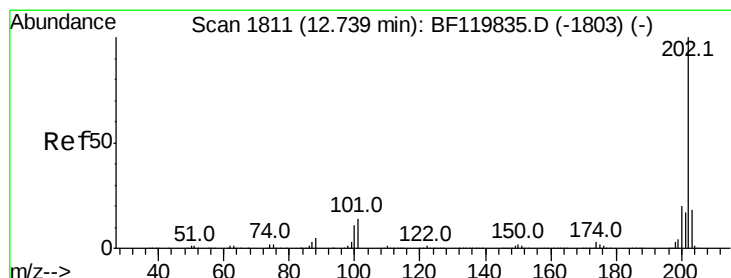
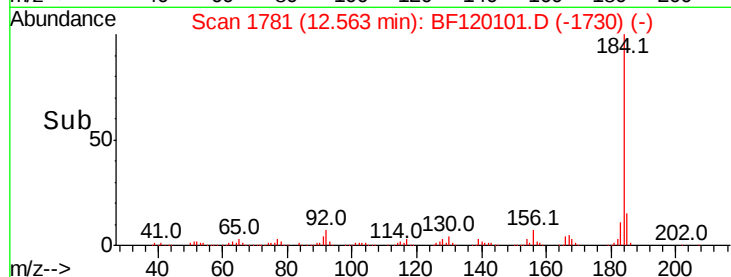
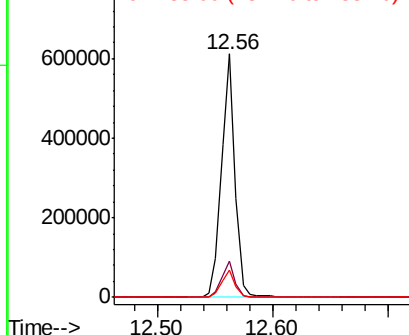
Tot Ion:	184	Resp:	501185
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.2	19.8
183	11.2	9.1	13.7

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



#78

Pyrene

Concen: 43.657 ng

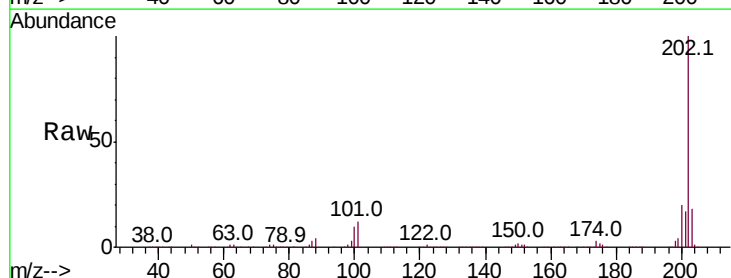
RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

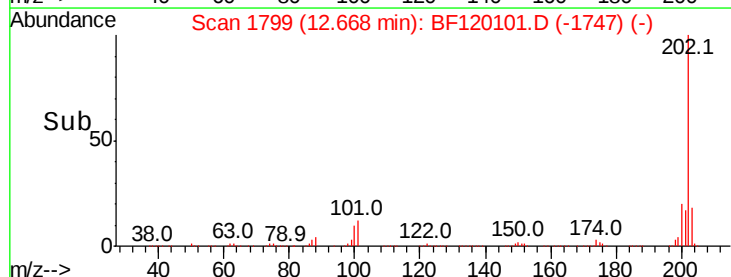
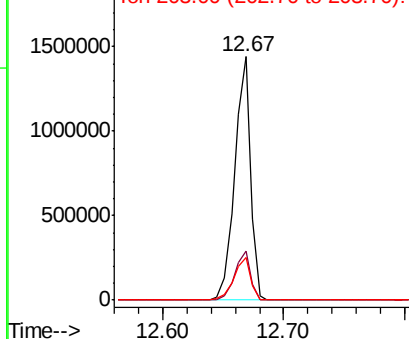
Lab File: BF120101.D

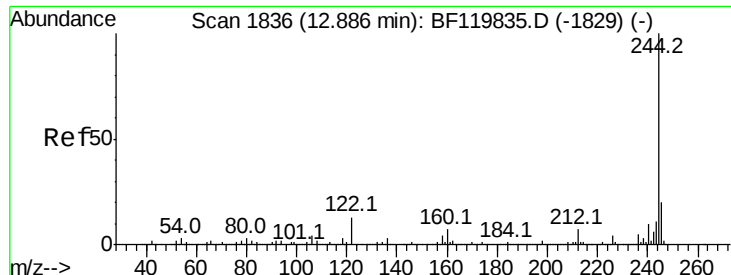
Acq: 21 Apr 2020 14:45

Tgt Ion:	202	Resp:	1313403
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.2	24.2
203	17.8	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





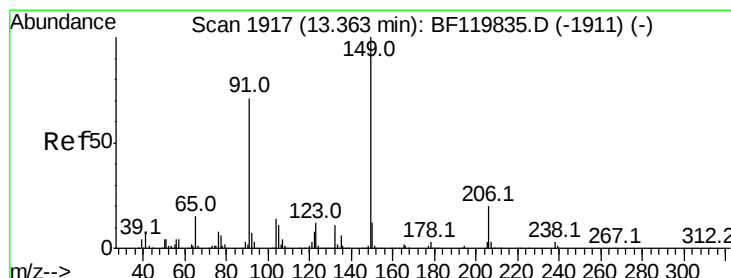
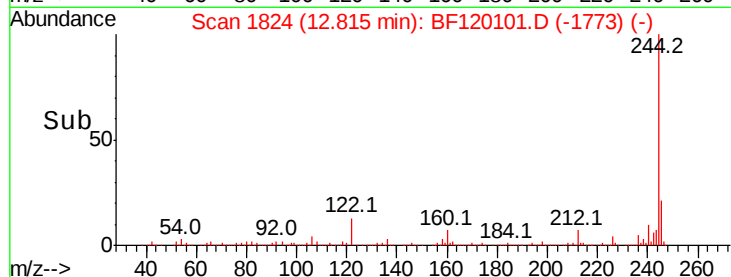
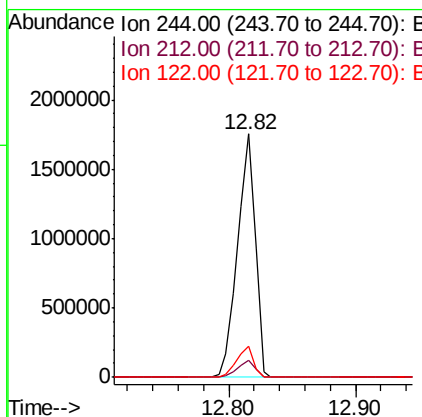
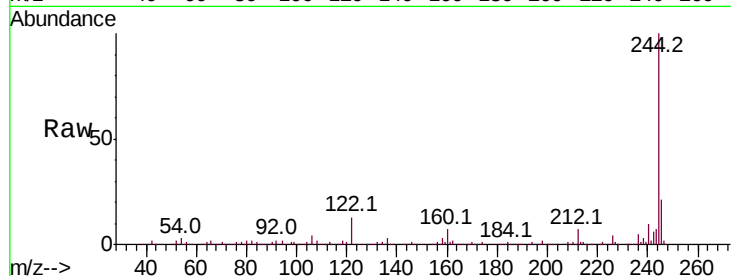
#79
 Terphenyl-d14
 Concen: 79.053 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB128243BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	10.3	15.5

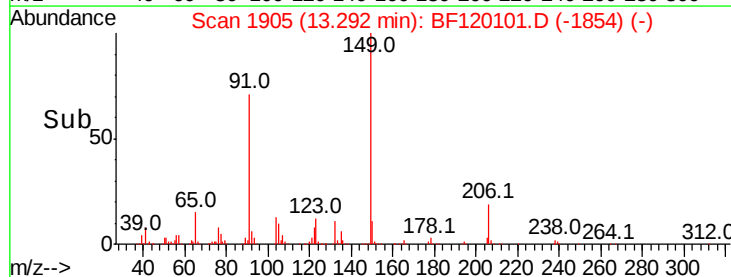
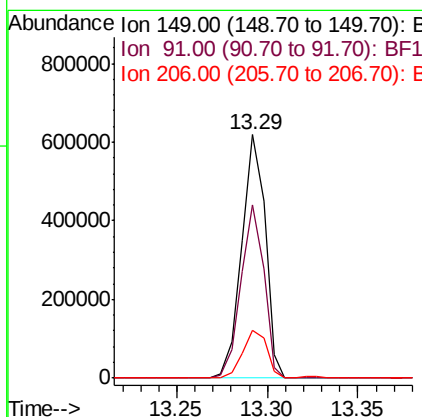
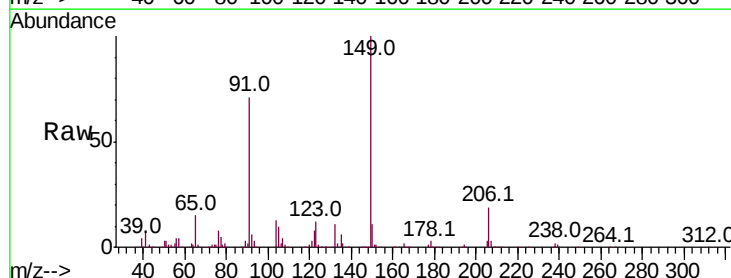
Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:17:00 AM



#80
 Butylbenzylphthalate
 Concen: 38.419 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BF120101.D
 Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.7	85.1
206	19.4	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.833 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

Instrument :

BNA_F

ClientSampleId :

PB128243BSD

Tot Ion:228 Resp: 1099501

Ion Ratio Lower Upper

228 100

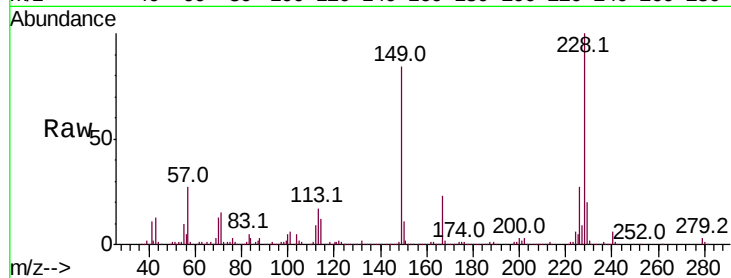
226 27.5 21.9 32.9

229 20.1 15.9 23.9

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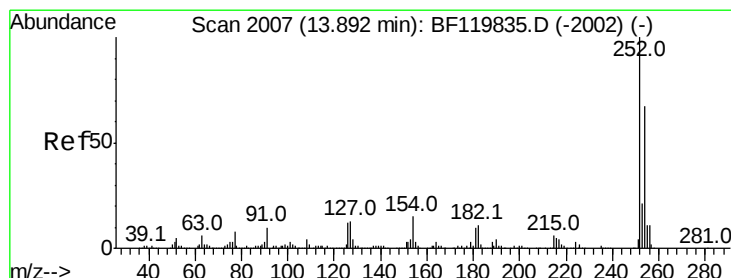
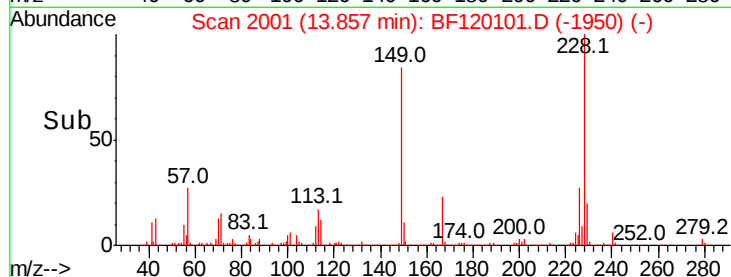
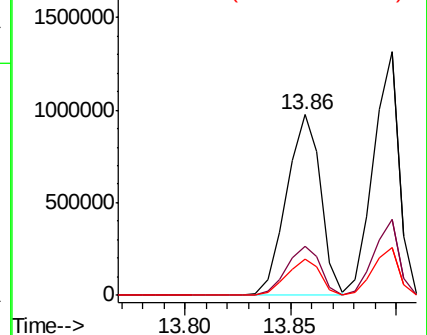
4/24/2020 4:17:00 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.491 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF120101.D

Acq: 21 Apr 2020 14:45

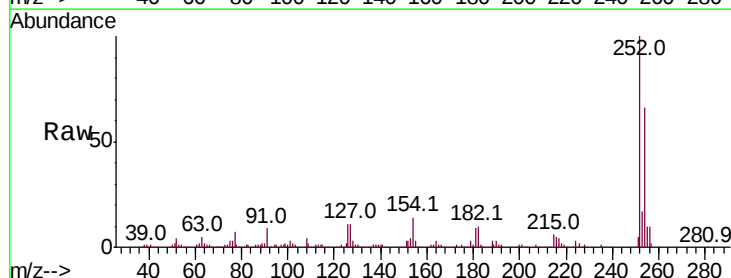
Tgt Ion:252 Resp: 232061

Ion Ratio Lower Upper

252 100

254 66.2 53.9 80.9

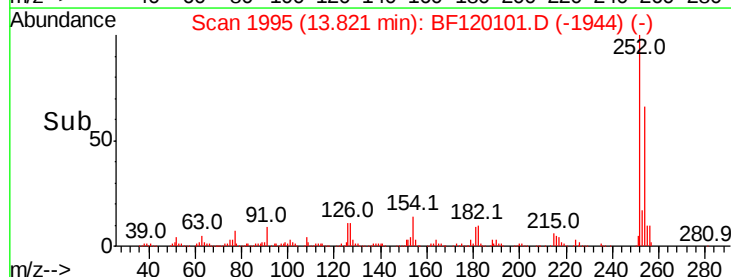
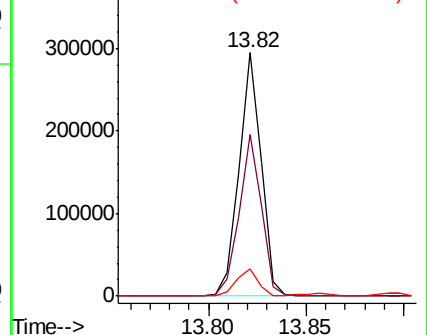
126 11.0 9.7 14.5

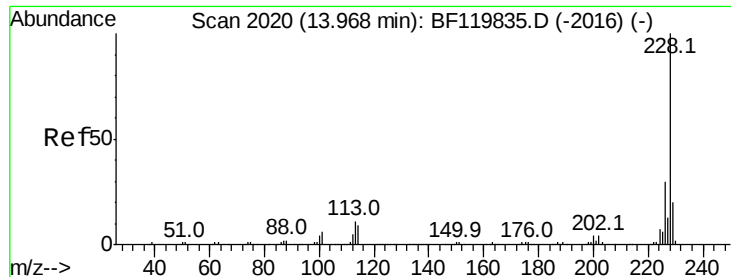


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





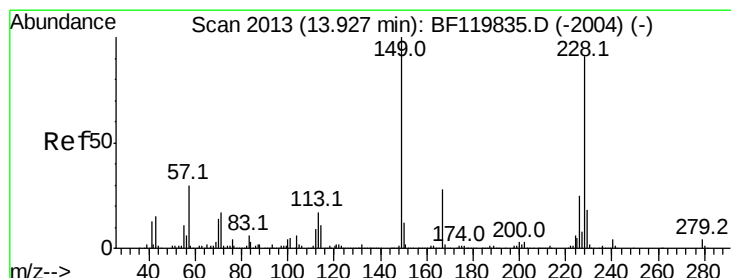
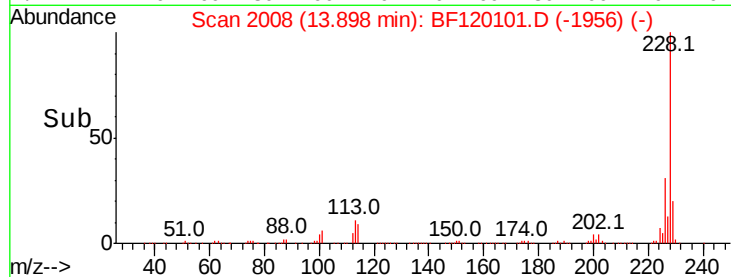
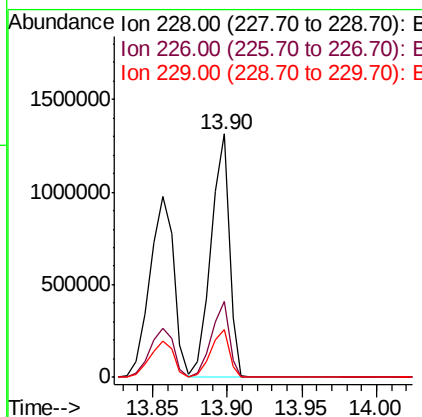
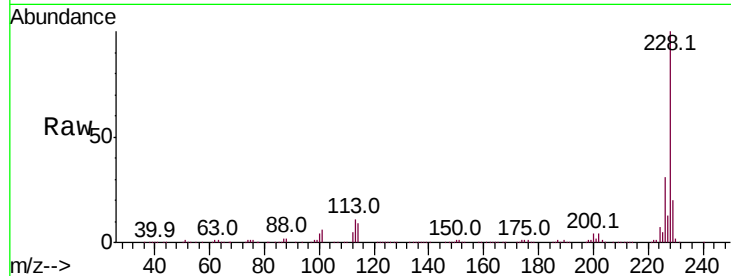
#83
Chrysene
Concen: 46.806 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.8	15.9	23.9

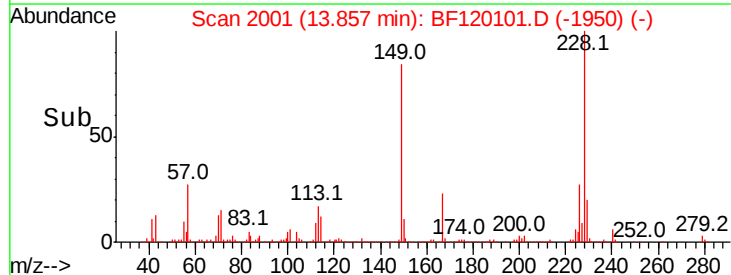
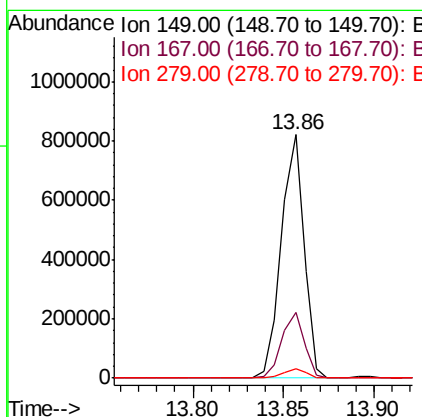
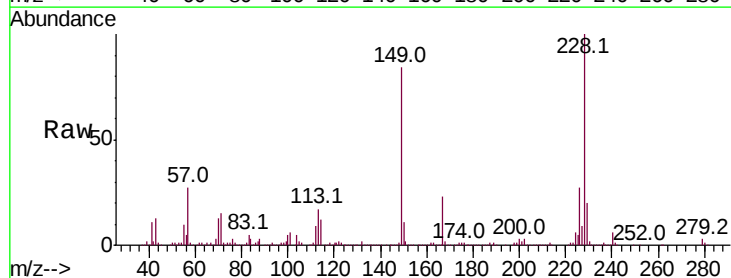
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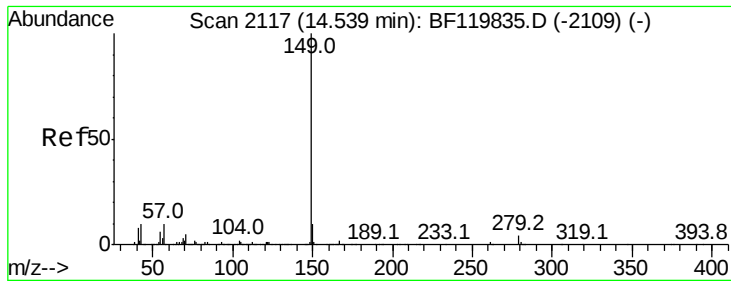
mohammad
4/24/2020 4:17:00 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.442 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.7	3.4	5.0





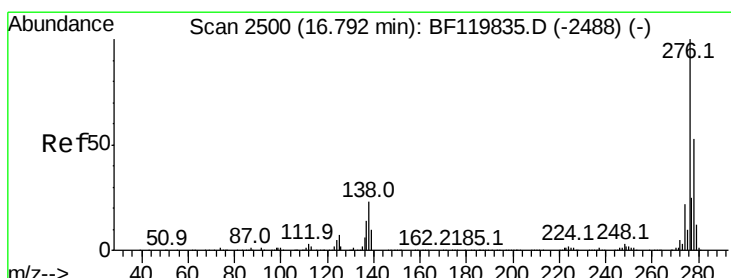
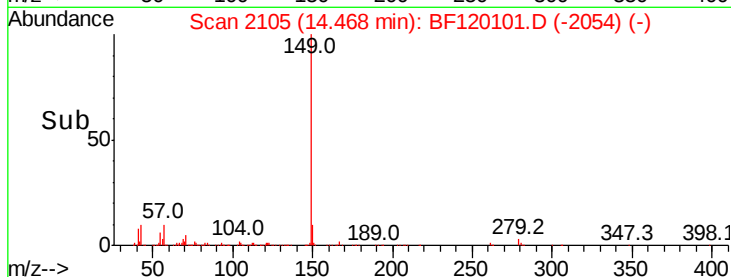
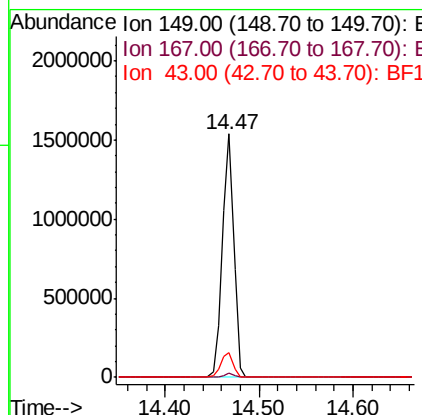
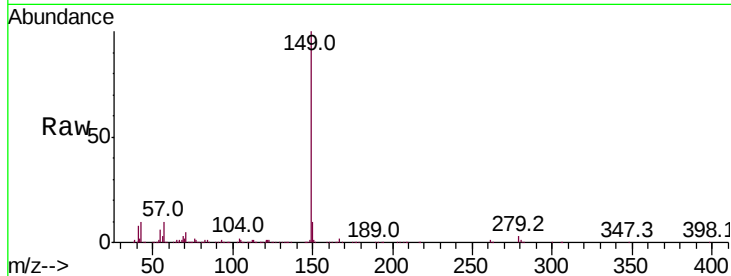
#85
Di-n-octyl phthalate
Concen: 39.035 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.2	13.8

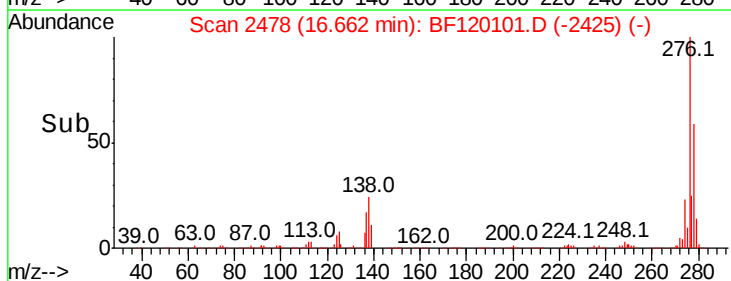
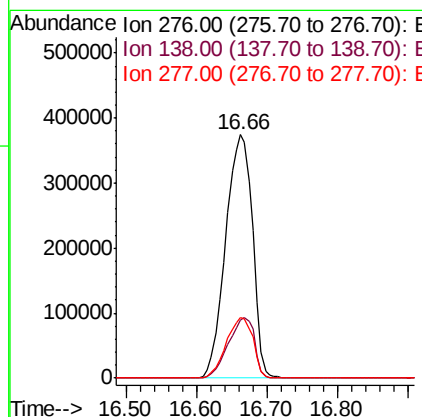
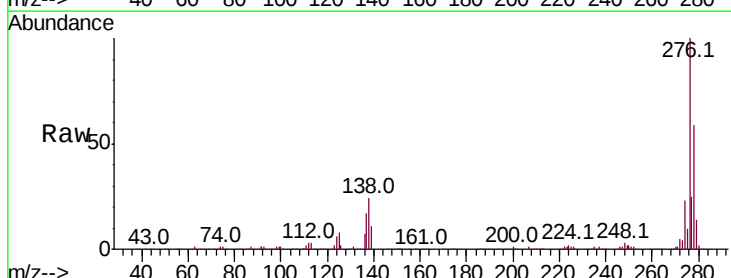
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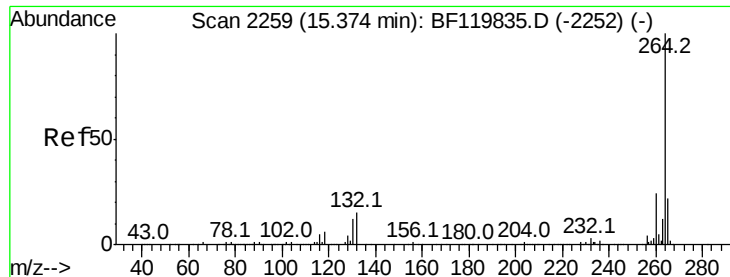
mohammad
4/24/2020 4:17:00 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.923 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.0	27.0
277	24.8	20.1	30.1





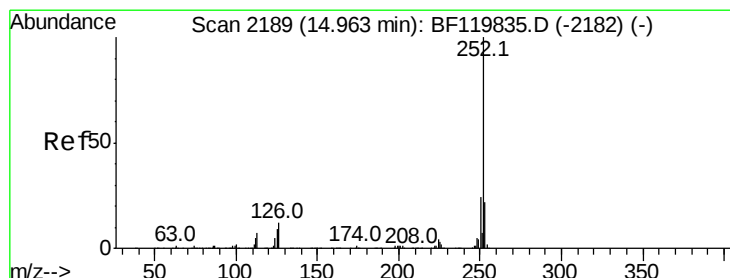
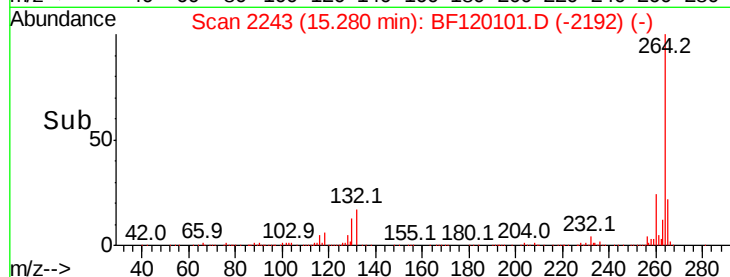
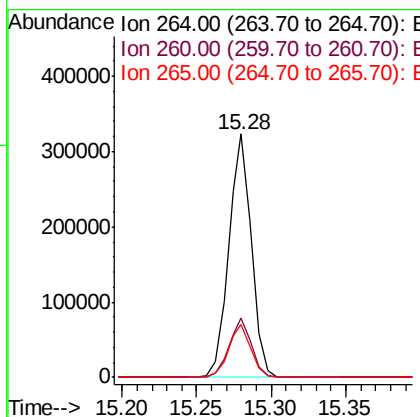
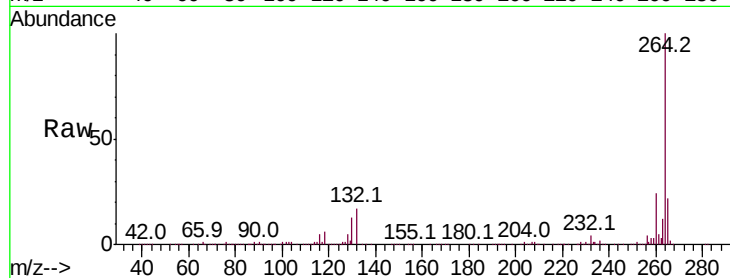
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.5	17.6	26.4

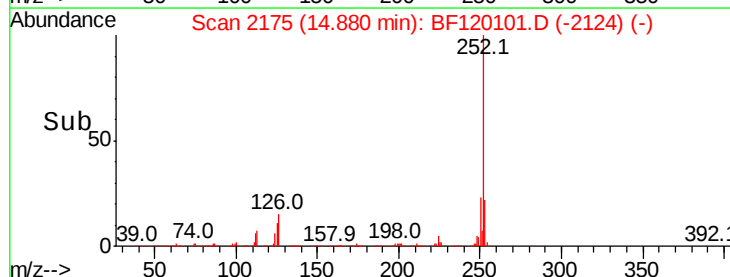
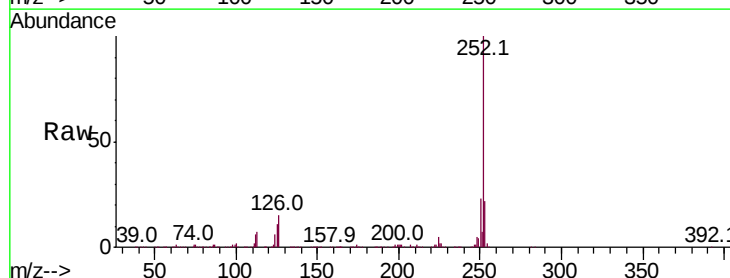
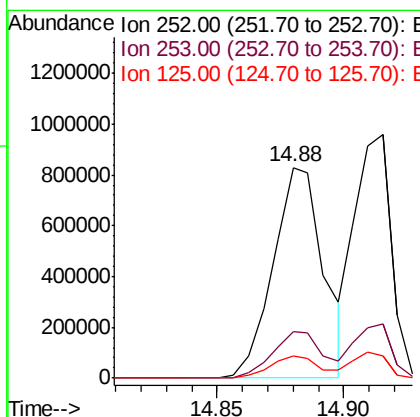
Manual Integrations
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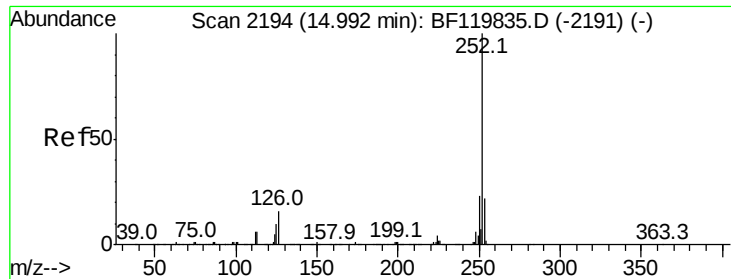
mohammad
4/24/2020 4:17:00 AM



#88
Benzo(b)fluoranthene
Concen: 46.573 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.6	7.4	11.2





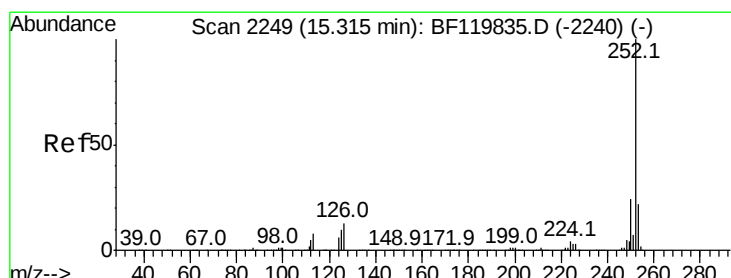
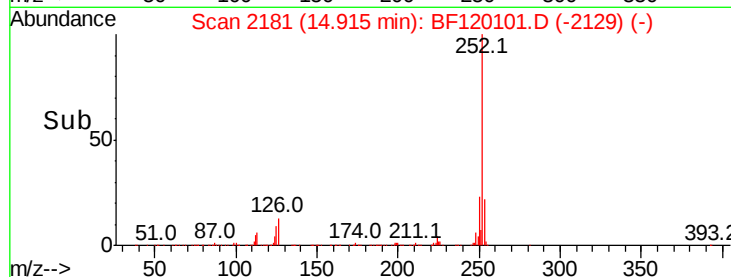
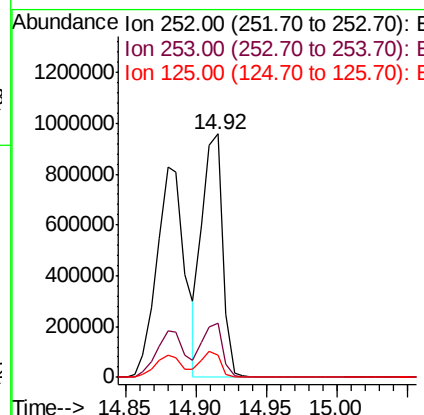
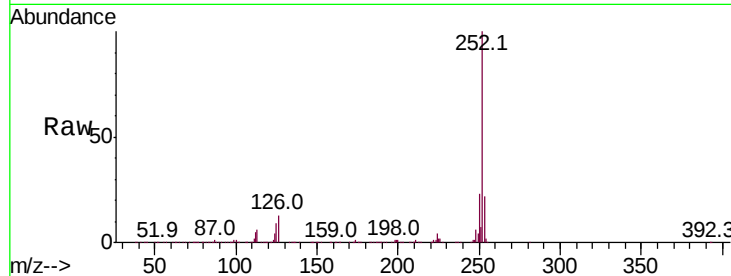
#89
Benzo(k)fluoranthene
Concen: 45.434 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.2	7.7	11.5

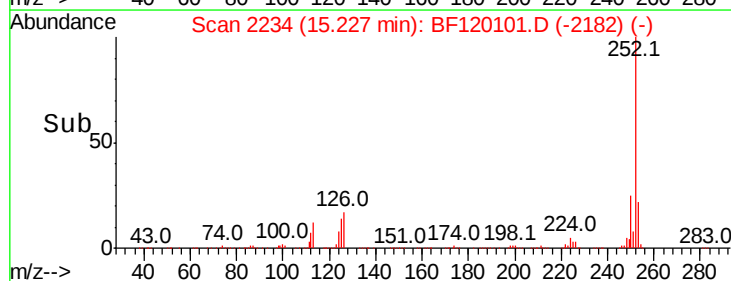
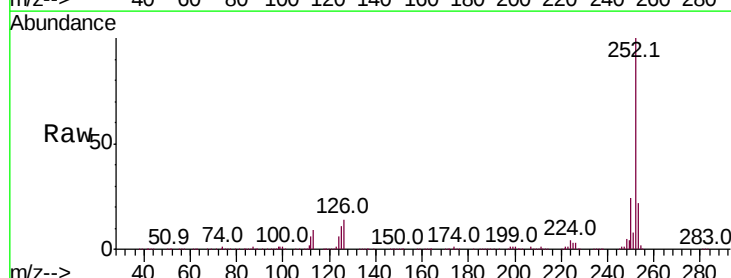
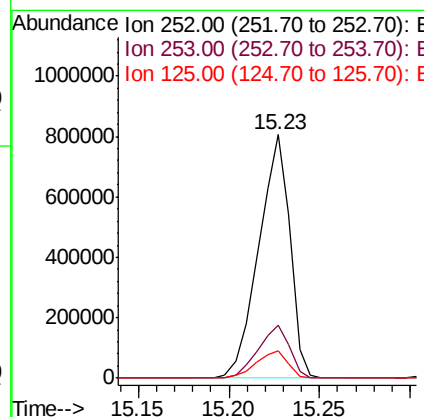
Manual Integrations
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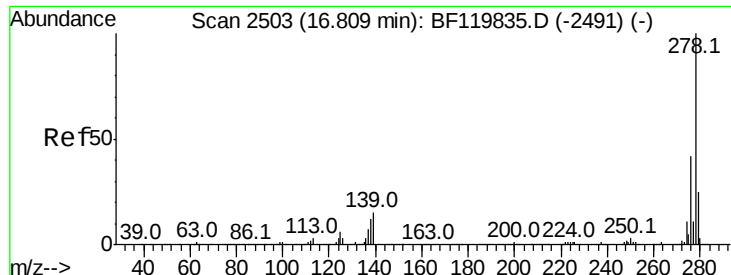
mohammad
4/24/2020 4:17:00 AM



#90
Benzo(a)pyrene
Concen: 46.291 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	11.2	8.3	12.5





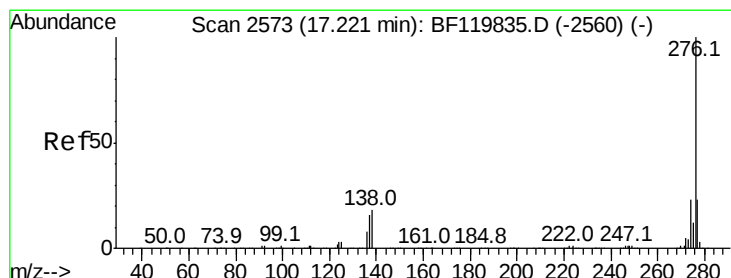
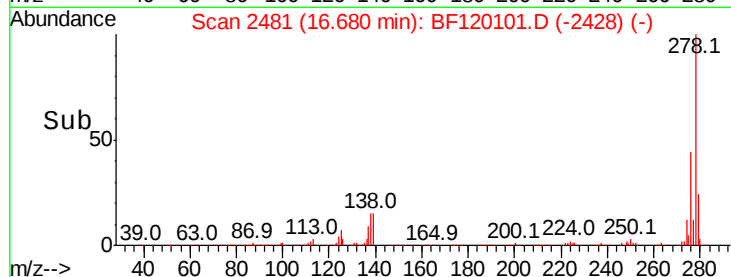
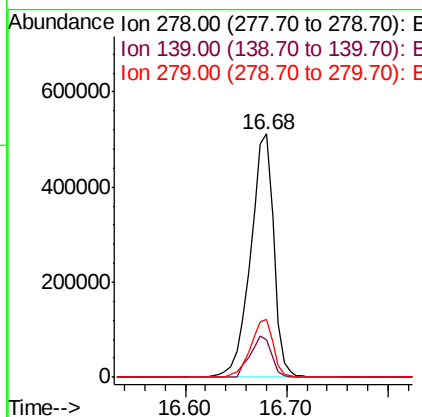
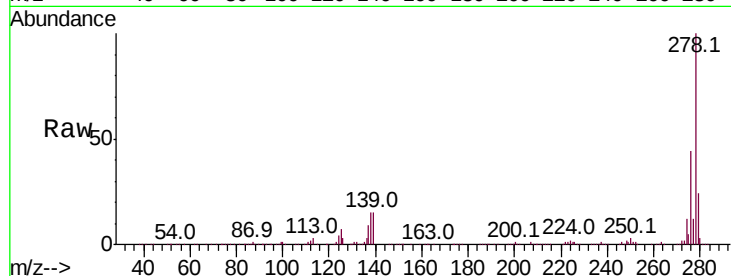
#91
Dibenzo(a,h)anthracene
Concen: 43.978 ng
RT: 16.68 min Scan# 2481
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	23.7	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/24/2020 4:17:00 AM



#92
Benzo(g,h,i)perylene
Concen: 42.924 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.01 min
Lab File: BF120101.D
Acq: 21 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	20.3	14.6	22.0

