

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120162.D
 Acq On : 23 Apr 2020 14:43
 Operator : MA/SJ
 Sample : PB128439BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Manual Integrations
 APPROVED

mohammad
 4/24/2020 1:34:02 PM

Quant Time: Apr 23 15:17:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	137143	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	550784	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	291638	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	559832	20.00	ng	0.00
76) Chrysene-d12	13.83	240	404009	20.00	ng	0.00
87) Perylene-d12	15.23	264	370356	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1049944	132.31	ng	0.01
7) Phenol-d6	6.31	99	1342292	131.27	ng	0.00
23) Nitrobenzene-d5	7.23	82	839457	78.85	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	377106	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1676900	81.64	ng	0.00
79) Terphenyl-d14	12.77	244	1857602	77.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	139460	39.456	ng	98
3) Pyridine	3.02	79	374052	38.572	ng	94
4) n-Nitrosodimethylamine	2.98	42	218425	44.083	ng	100
6) Aniline	6.33	93	491129	36.594	ng	# 56
8) 2-Chlorophenol	6.45	128	425597	47.999	ng	97
9) Benzaldehyde	6.21	77	167684	26.157	ng	97
10) Phenol	6.32	94	538802	46.445	ng	# 70
11) bis(2-Chloroethyl)ether	6.40	93	402153	44.897	ng	99
12) 1,3-Dichlorobenzene	6.60	146	430430	44.341	ng	98
13) 1,4-Dichlorobenzene	6.68	146	432437	43.732	ng	99
14) 1,2-Dichlorobenzene	6.83	146	410679	45.065	ng	100
15) Benzyl Alcohol	6.82	79	349652	44.025	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	708576	40.653	ng	95
17) 2-Methylphenol	6.93	107	349186	44.129	ng	95
18) Hexachloroethane	7.17	117	168089	45.484	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	298727	45.430	ng	99
20) 3+4-Methylphenols	7.09	107	446452	46.132	ng	93
22) Acetophenone	7.08	105	589343	45.694	ng	# 92
24) Nitrobenzene	7.25	77	451272	42.135	ng	99
25) Isophorone	7.49	82	851847	41.506	ng	98
26) 2-Nitrophenol	7.57	139	236581	44.215	ng	91
27) 2,4-Dimethylphenol	7.62	122	371081	45.983	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	528739	43.781	ng	99
29) 2,4-Dichlorophenol	7.81	162	363229	43.911	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	384295	41.002	ng	98
31) Naphthalene	7.97	128	1245834	42.992	ng	98
32) Benzoic acid	7.76	122	281393	39.703	ng	99
33) 4-Chloroaniline	8.02	127	258644	20.502	ng	99
34) Hexachlorobutadiene	8.09	225	222426	39.644	ng	99
35) Caprolactam	8.40	113	113202m	44.738	ng	
36) 4-Chloro-3-methylphenol	8.52	107	399531	44.612	ng	97
37) 2-Methylnaphthalene	8.66	142	851646	43.349	ng	99
38) 1-Methylnaphthalene	8.76	142	804451	43.442	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	376022	40.822	ng	100

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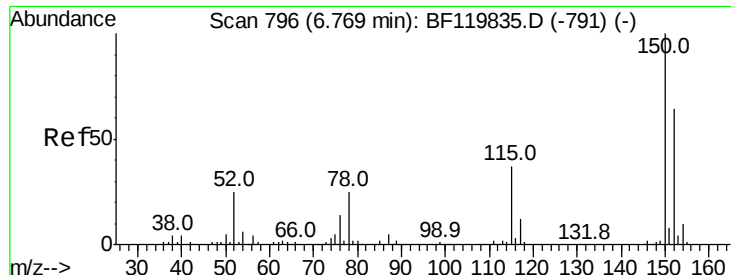
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	406428	77.595	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	265026	41.666	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	279150	38.965	nq	94
46) 1,1'-Biphenyl	9.13	154	1046245	42.503	nq	99
47) 2-Chloronaphthalene	9.15	162	806979	42.556	nq	100
48) 2-Nitroaniline	9.25	65	283611	41.271	nq	99
49) Acenaphthylene	9.57	152	1257714	43.612	nq	97
50) Dimethylphthalate	9.44	163	942925	41.800	nq	100
51) 2,6-Dinitrotoluene	9.50	165	211483	42.812	nq	94
52) Acenaphthene	9.74	154	753992	39.194	nq	99
53) 3-Nitroaniline	9.66	138	148503	26.322	nq	94
54) 2,4-Dinitrophenol	9.78	184	242154	81.879	nq	96
55) Dibenzofuran	9.91	168	1135968	43.031	nq	98
56) 4-Nitrophenol	9.85	139	322762	76.890	nq	95
57) 2,4-Dinitrotoluene	9.90	165	276623	42.504	nq	95
58) Fluorene	10.26	166	893895	42.340	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	239067	43.632	nq	99
60) Diethylphthalate	10.14	149	972532	41.597	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	435111	40.211	nq	97
62) 4-Nitroaniline	10.29	138	229709	42.724	nq	98
63) Azobenzene	10.41	77	925582	44.175	nq	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	162807	44.142	nq	96
66) n-Nitrosodiphenylamine	10.37	169	817224	43.893	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	271680	39.023	nq	98
68) Hexachlorobenzene	10.80	284	288627	40.866	nq	99
69) Atrazine	10.90	200	250098	48.279	nq	99
70) Pentachlorophenol	11.00	266	284698	69.948	nq	99
71) Phenanthrene	11.22	178	1291675	43.352	nq	99
72) Anthracene	11.26	178	1361332	44.726	nq	98
73) Carbazole	11.42	167	1211916	42.104	nq	99
74) Di-n-butylphthalate	11.76	149	1563631	41.323	nq	100
75) Fluoranthene	12.40	202	1414497	43.999	nq	99
77) Benzidine	12.53	184	790127	57.857	nq	99
78) Pyrene	12.63	202	1411866	41.454	nq	98
80) Butylbenzylphthalate	13.26	149	658355	39.836	nq	96
81) Benzo(a)anthracene	13.82	228	1140471	42.910	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	246233	24.829	nq	99
83) Chrysene	13.86	228	1165948	43.174	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	880475	39.342	nq	99
85) Di-n-octyl phthalate	14.43	149	1573787	41.300	nq	98
86) Indeno(1,2,3-cd)pyrene	16.58	276	1002487	42.112	nq	100
88) Benzo(b)fluoranthene	14.83	252	1179086	44.256	nq	98
89) Benzo(k)fluoranthene	14.86	252	947244	41.207	nq	98
90) Benzo(a)pyrene	15.17	252	964074	43.037	nq	98
91) Dibenzo(a,h)anthracene	16.60	278	830890	41.874	nq	99
92) Benzo(g,h,i)perylene	16.99	276	798064	40.745	nq	97

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



#1

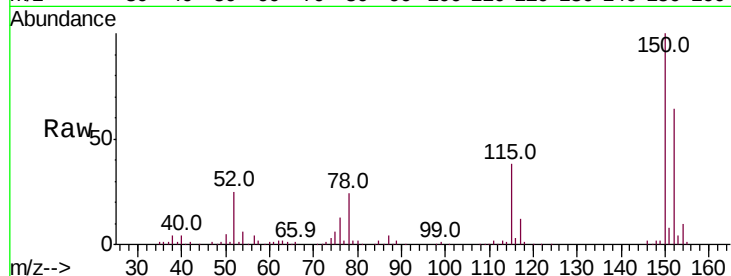
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	58.8	49.6	74.4

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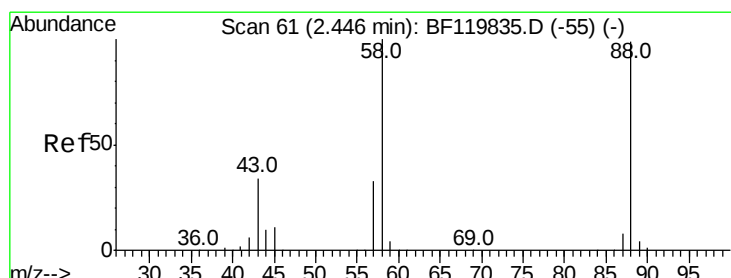
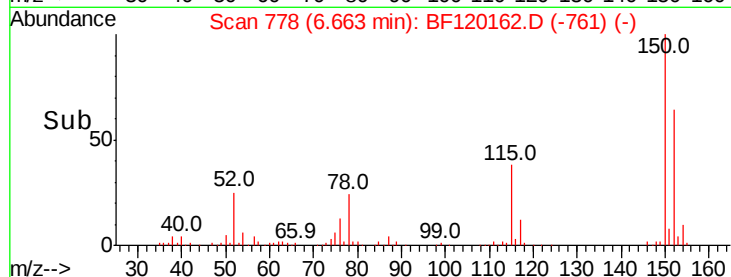
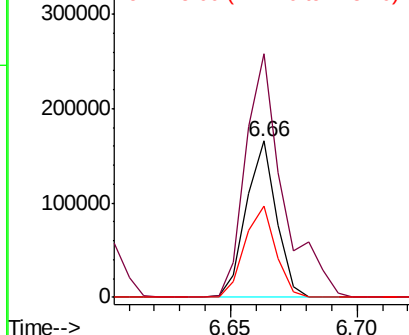


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.456 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.08 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

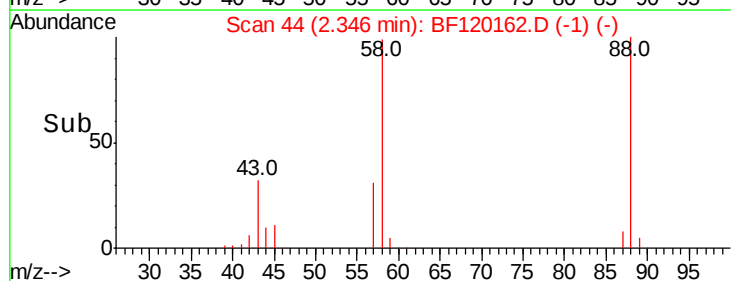
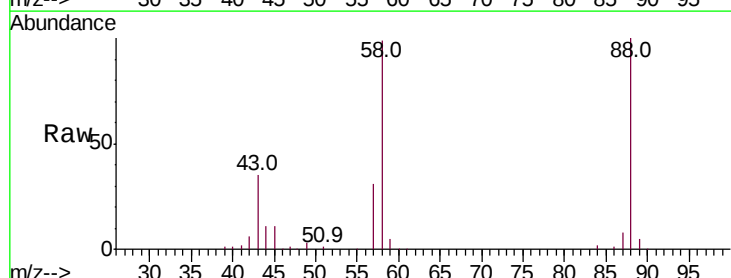
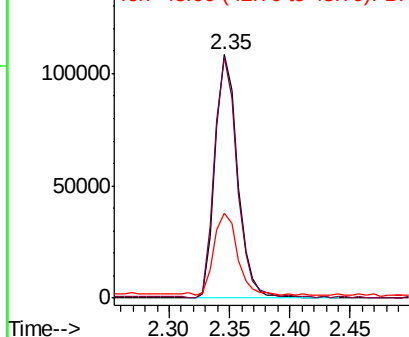
Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	80.6	121.0
43	34.7	27.5	41.3

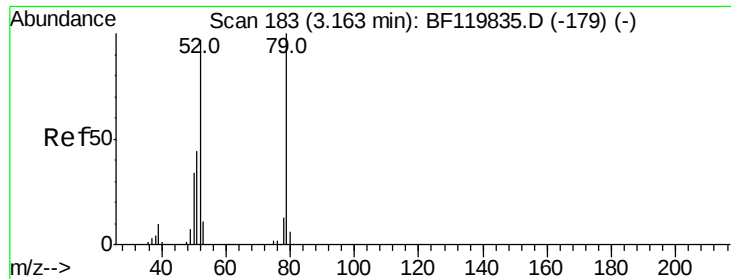
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.572 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.08 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

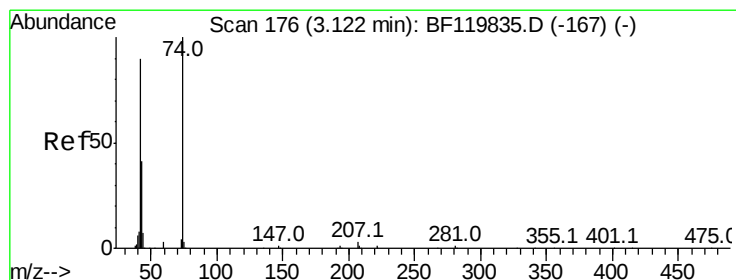
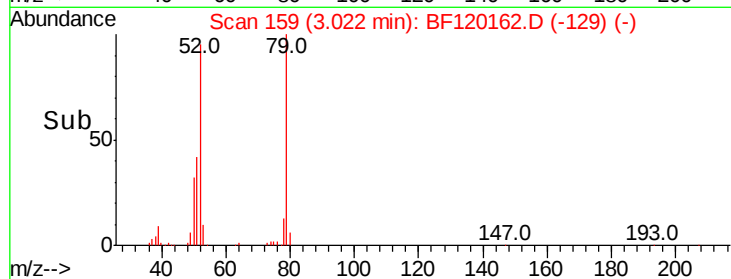
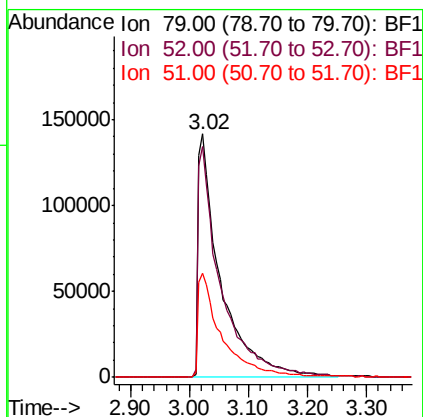
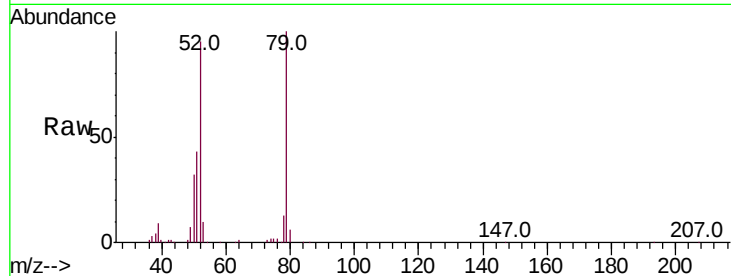
ClientSampleId :

PB128439BS

Tot Ion:	79	Resp:	374052
Ion Ratio	Lower	Upper	
79	100		
52	94.8	80.2	120.2
51	42.8	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 44.083 ng

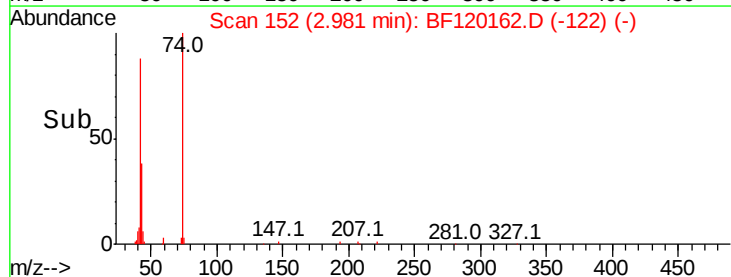
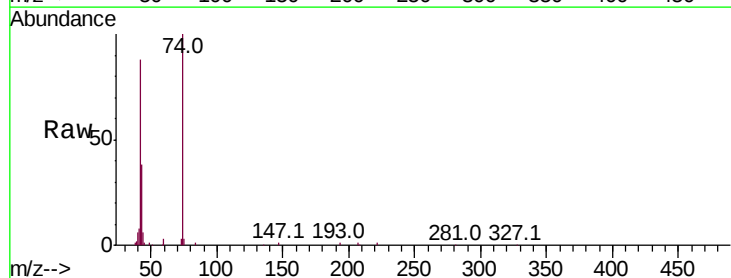
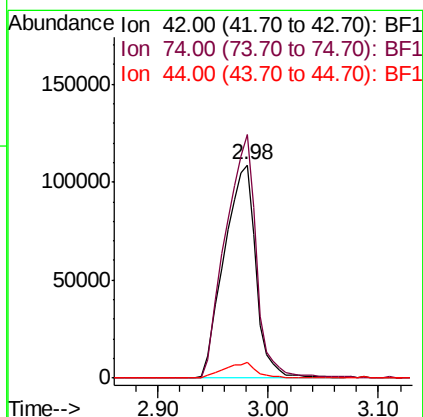
RT: 2.98 min Scan# 152

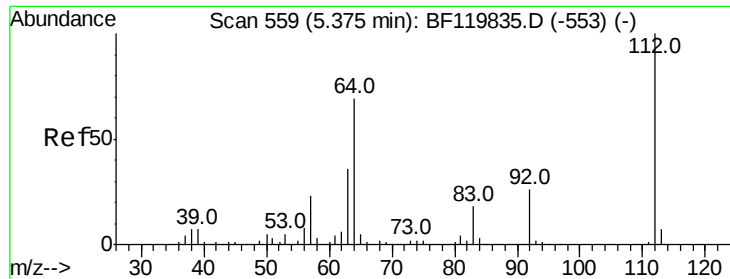
Delta R.T. 0.08 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	42	Resp:	218425
Ion Ratio	Lower	Upper	
42	100		
74	114.3	91.5	137.3
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 132.307 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

Tot Ion: 112 Resp: 1049944

Ion Ratio Lower Upper

112 100

64 71.3 56.7 85.1

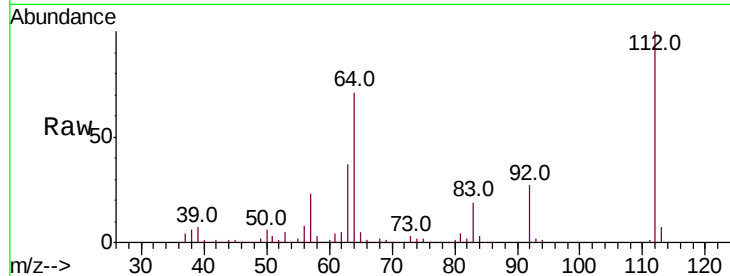
63 36.9 29.5 44.3

Manual Integrations

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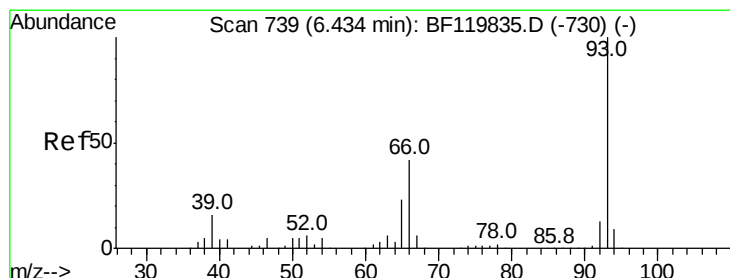
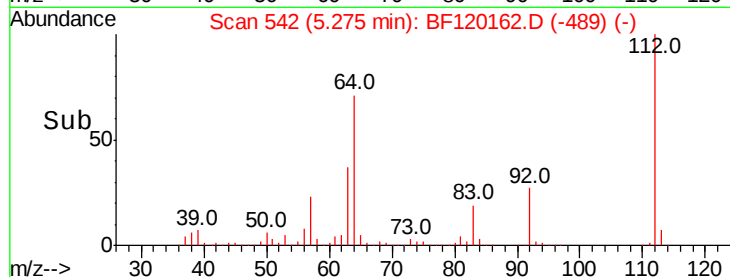
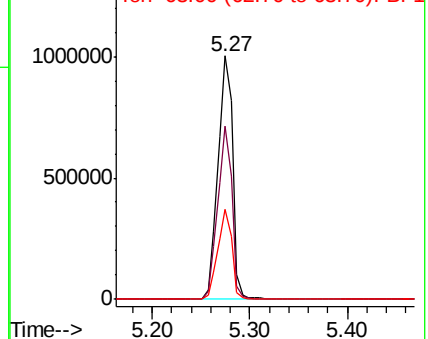
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.594 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

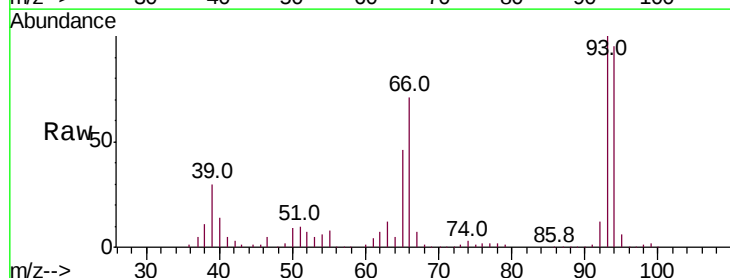
Tgt Ion: 93 Resp: 491129

Ion Ratio Lower Upper

93 100

66 71.0 34.9 52.3#

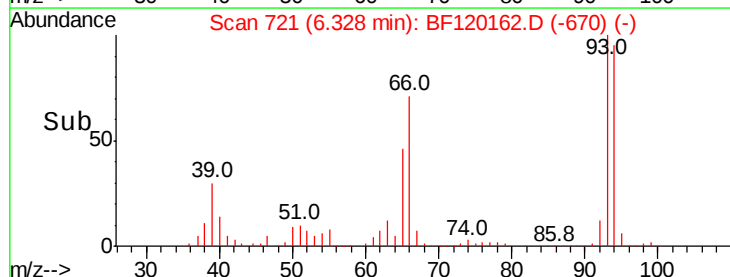
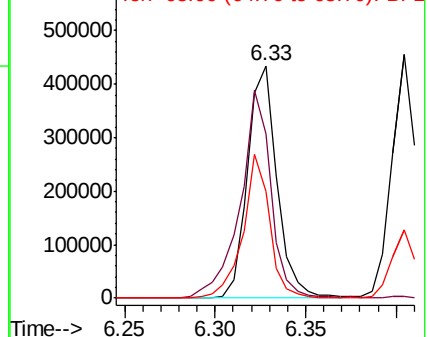
65 46.0 18.6 27.8#

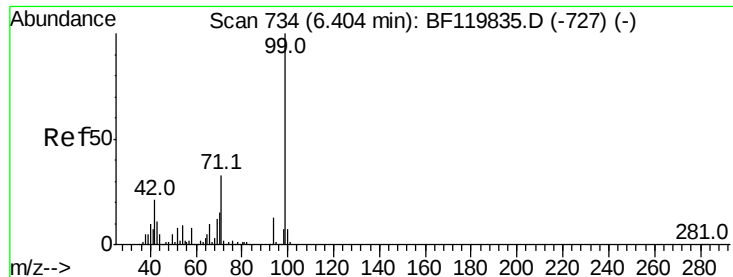


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.269 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

Tot Ion: 99 Resp: 1342292

Ion Ratio Lower Upper

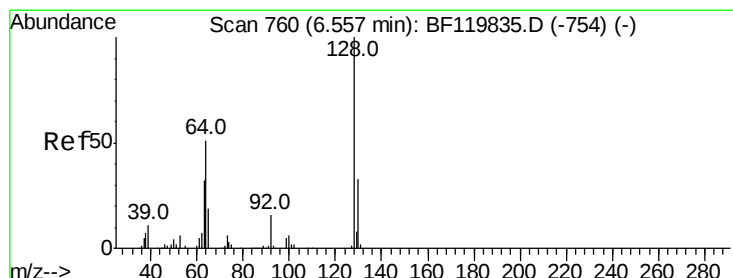
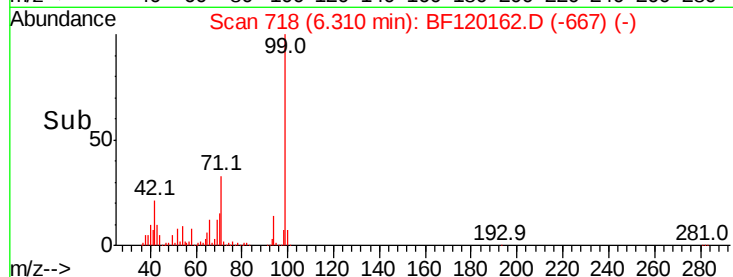
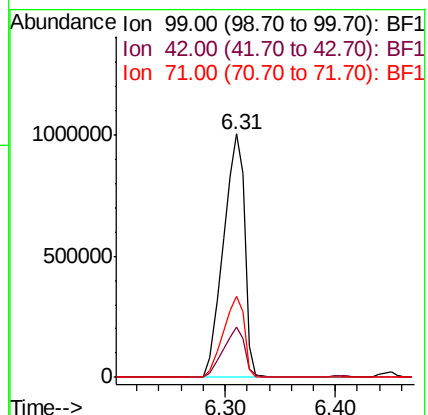
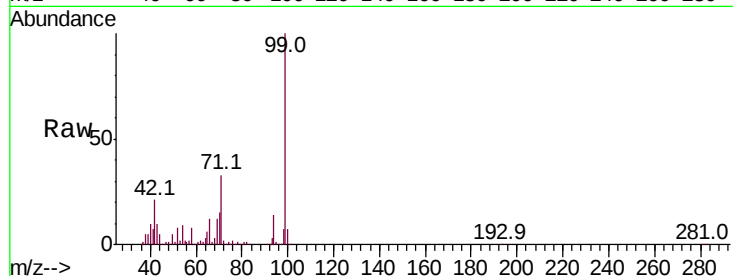
99 100

42 20.8 16.6 24.8

71 33.5 26.4 39.6

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#8

2-Chlorophenol

Concen: 47.999 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

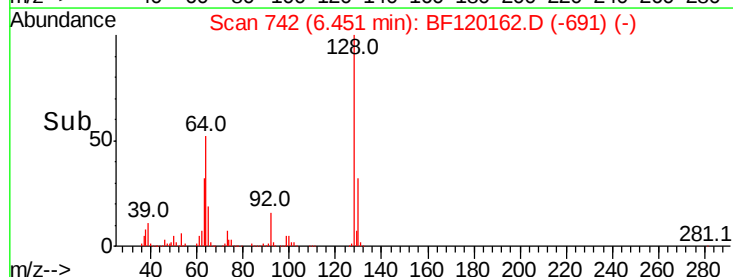
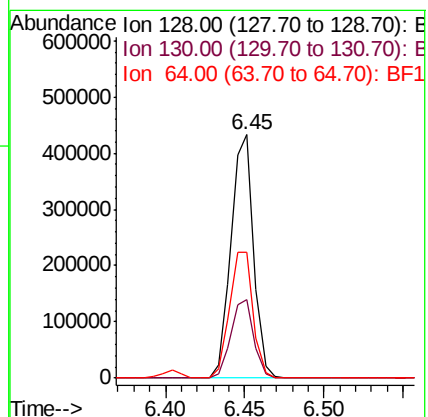
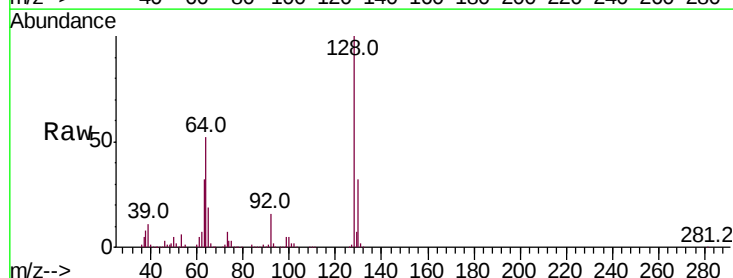
Tgt Ion: 128 Resp: 425597

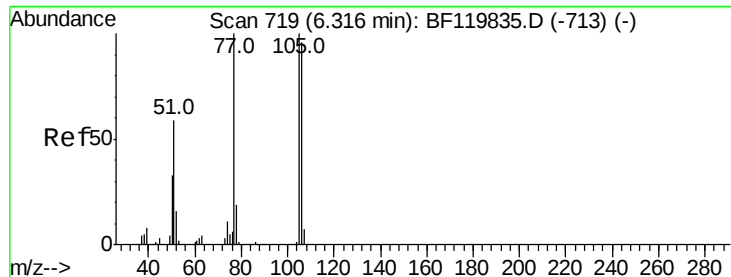
Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

64 51.6 35.3 75.3





#9

Benzaldehyde

Concen: 26.157 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

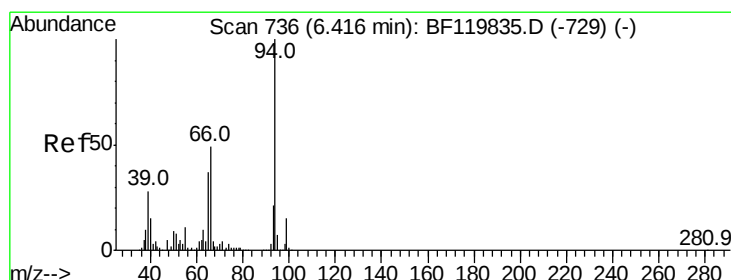
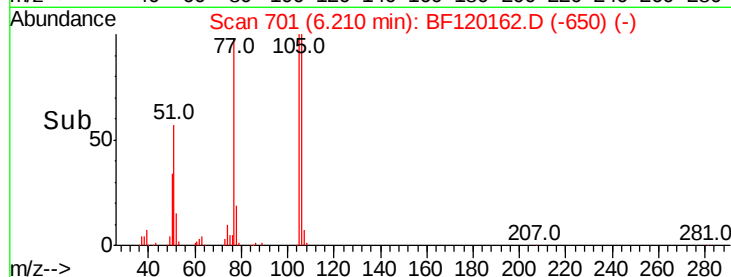
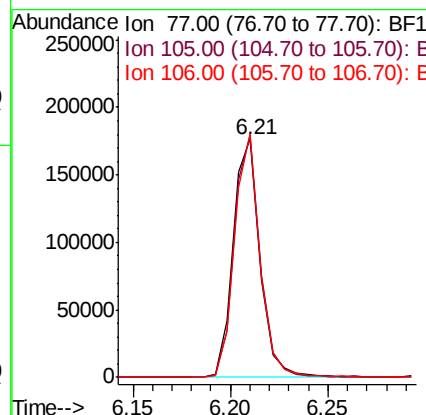
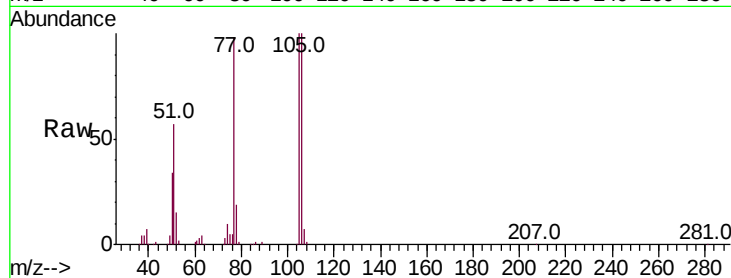
ClientSampleId :

PB128439BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	80.9	120.9
106	102.2	77.9	117.9

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#10

Phenol

Concen: 46.445 ng

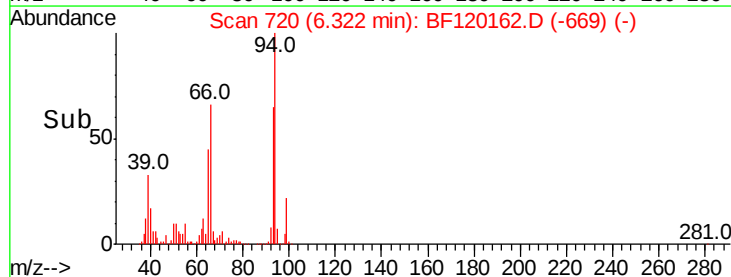
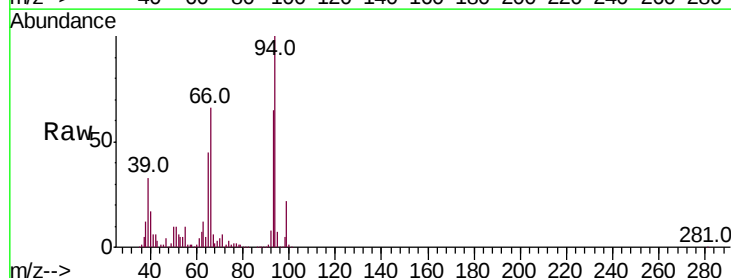
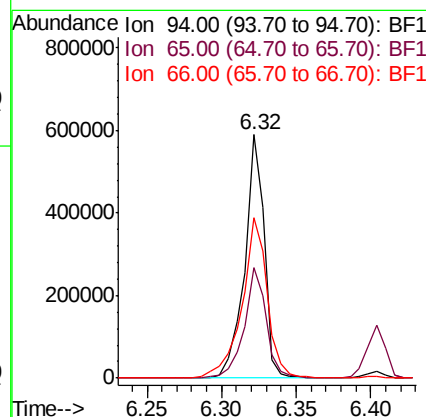
RT: 6.32 min Scan# 720

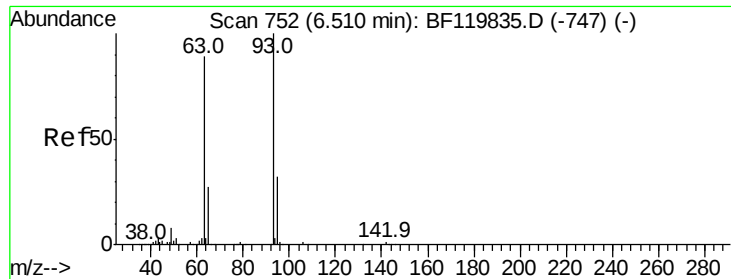
Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	45.4	13.2	53.2
66	66.0	22.3	62.3





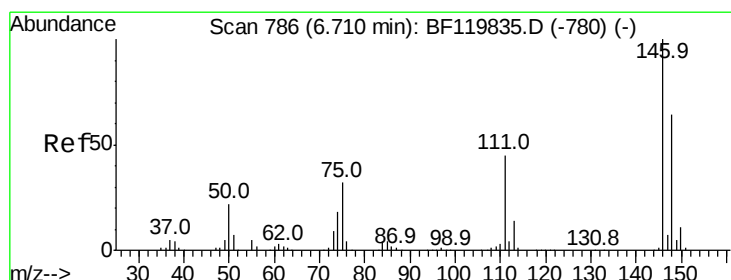
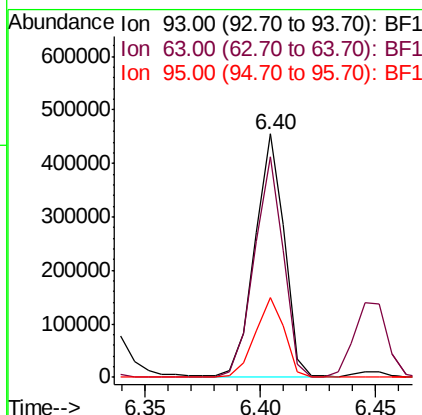
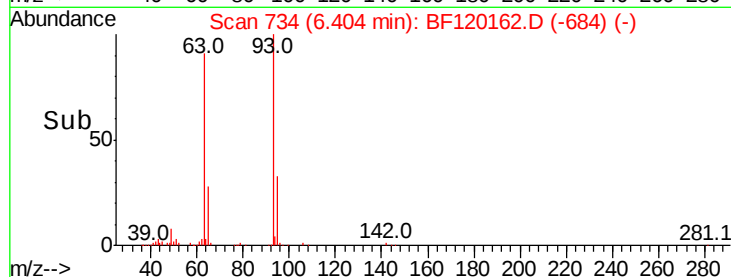
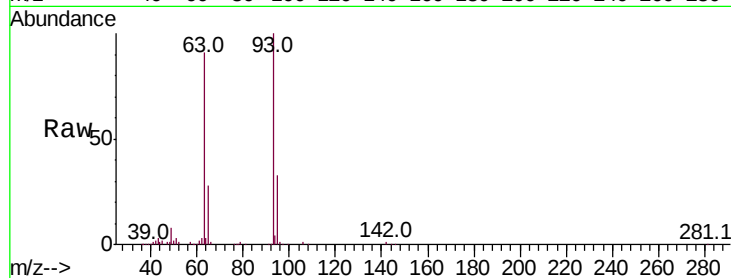
#11
bis(2-Chloroethyl)ether
Concen: 44.897 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.7	70.2	110.2
95	32.6	13.4	53.4

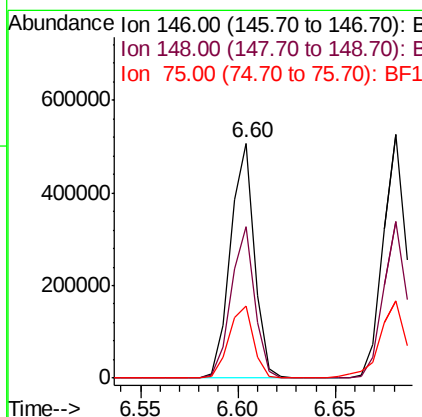
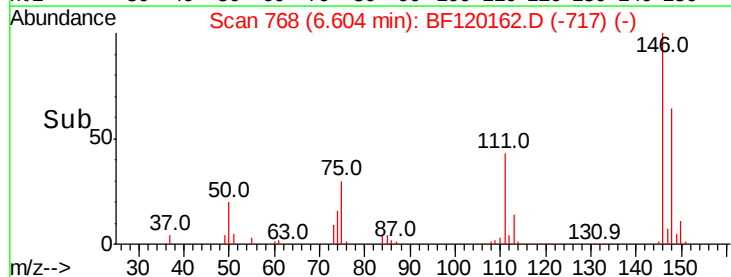
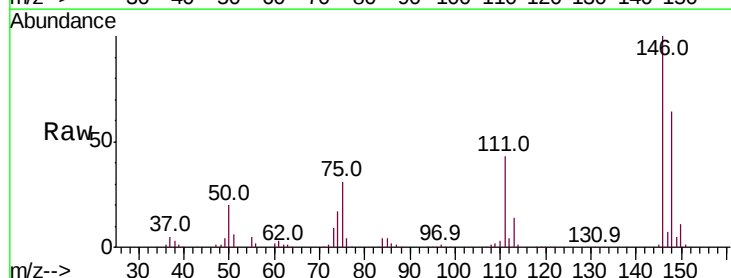
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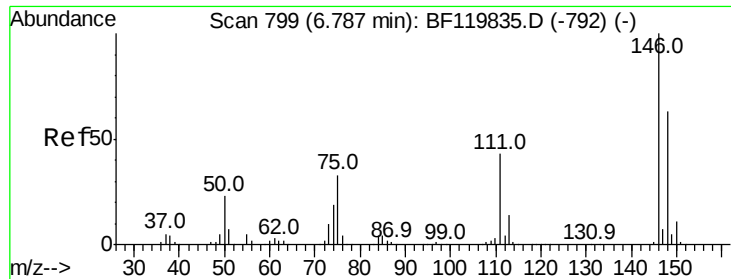
mohammad
4/24/2020 1:34:02 PM



#12
1,3-Dichlorobenzene
Concen: 44.341 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
75	30.5	23.0	34.4





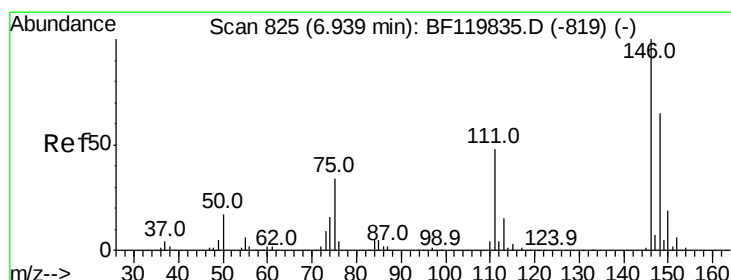
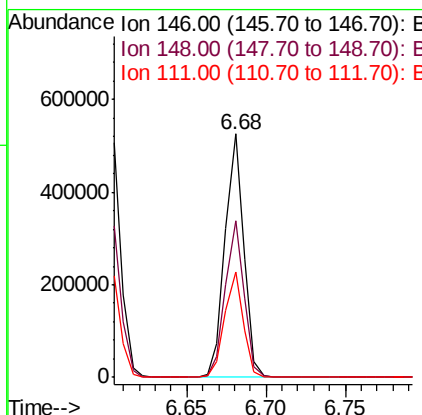
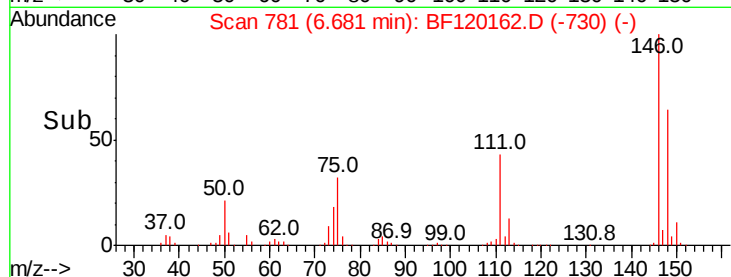
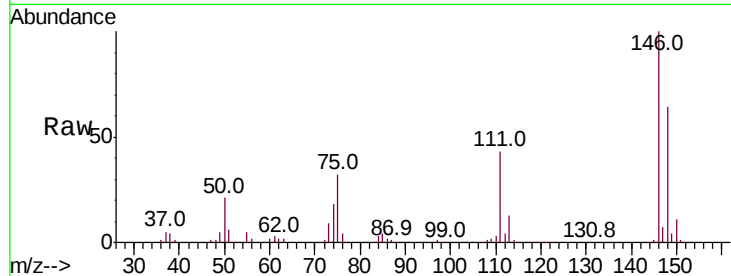
#13
 1,4-Dichlorobenzene
 Concen: 43.732 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	43.2	33.3	49.9

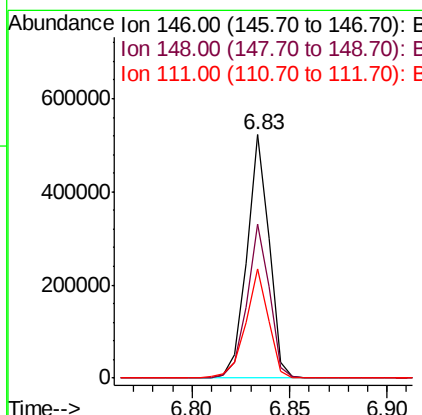
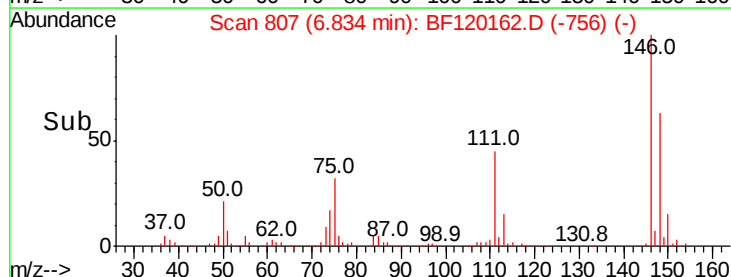
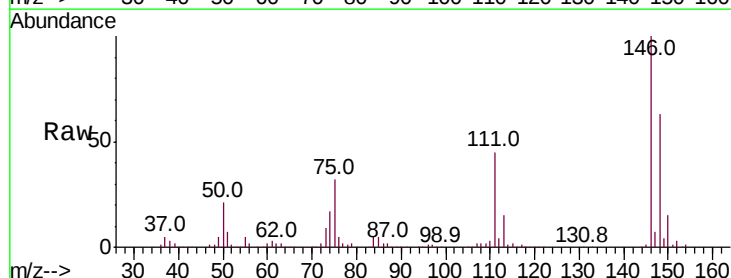
Manual Integrations
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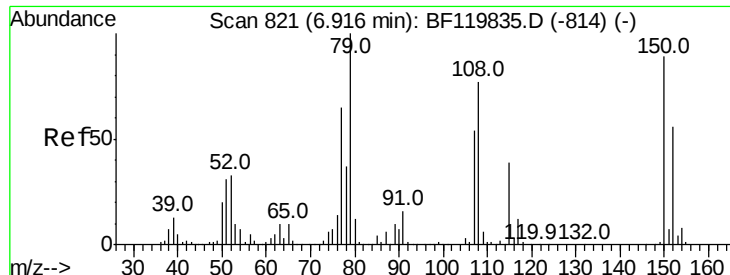
mohammad
 4/24/2020 1:34:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.065 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	44.8	36.1	54.1





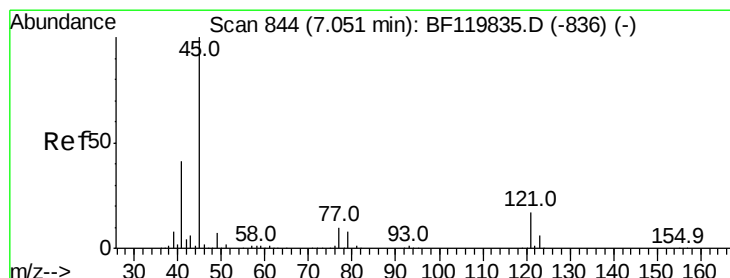
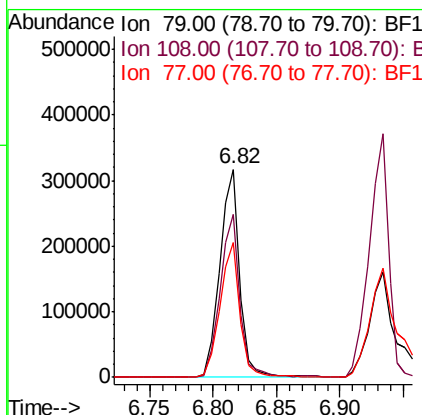
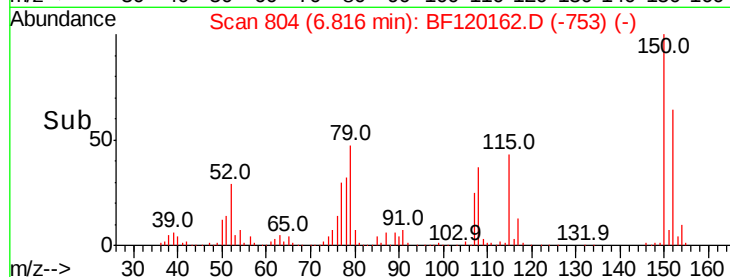
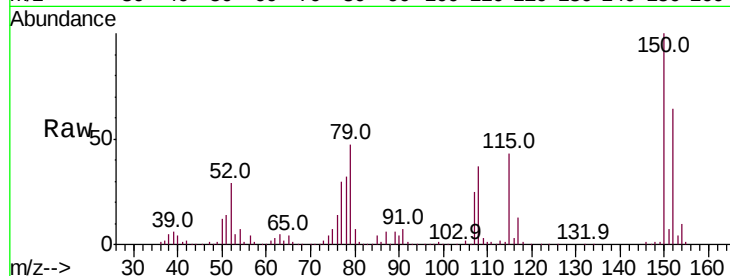
#15
Benzyl Alcohol
Concen: 44.025 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampled :
PB128439BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	60.6	90.8
77	64.5	50.2	75.2

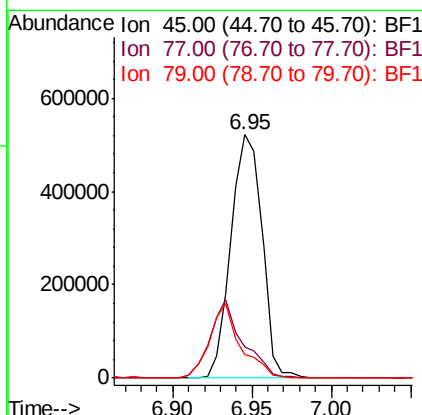
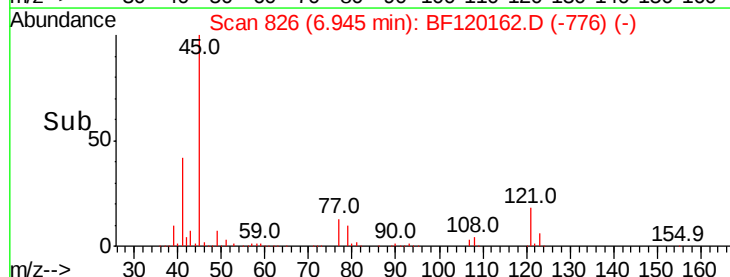
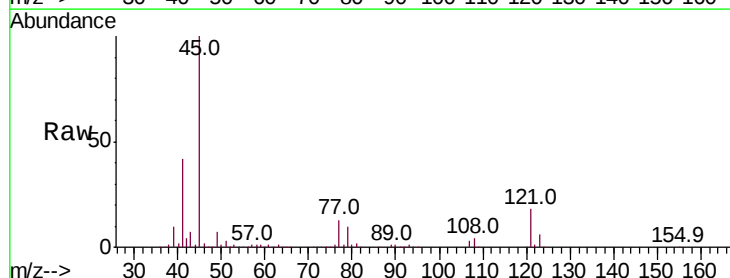
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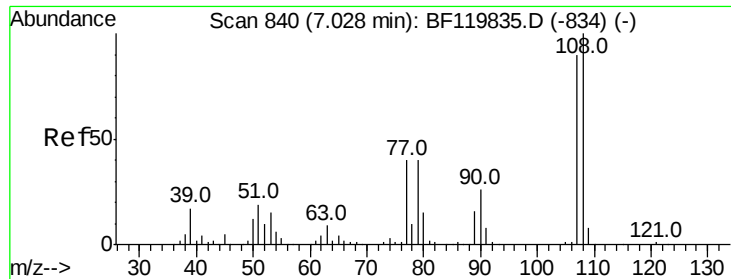
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.653 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	30.7
79	9.8	0.0	28.2





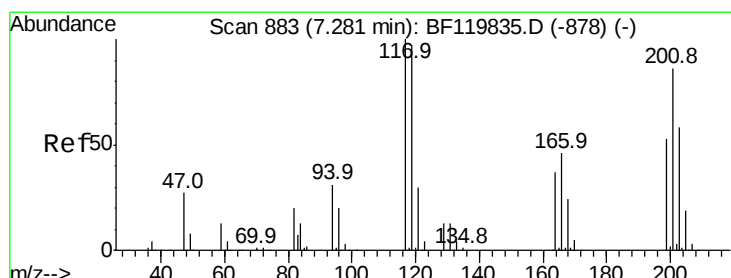
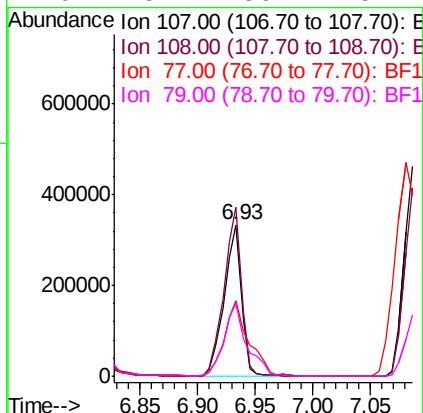
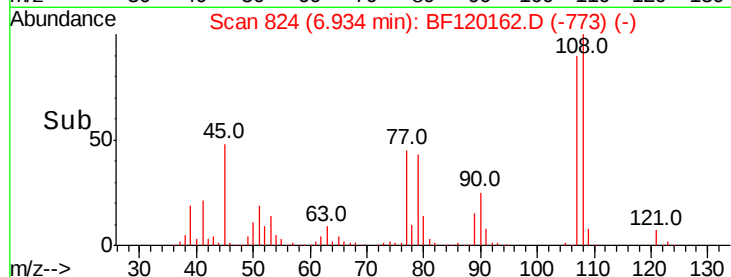
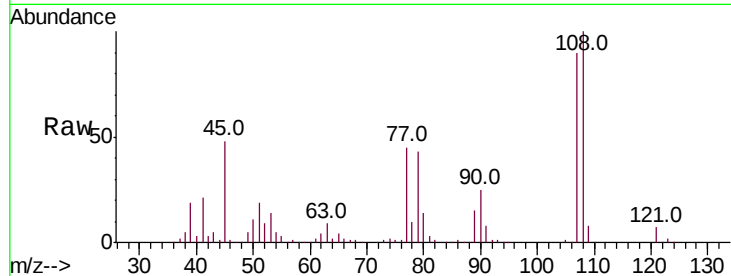
#17
2-Methylphenol
Concen: 44.129 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	349186		
108	111.4	92.2	138.4	
77	50.2	36.6	54.8	
79	48.4	36.2	54.4	

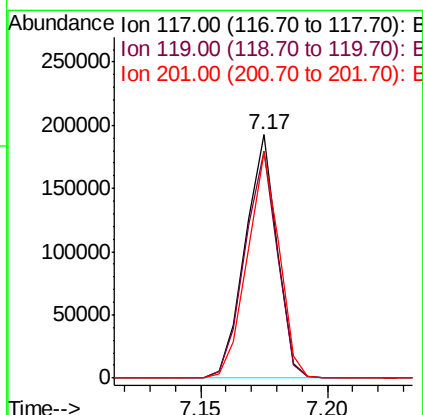
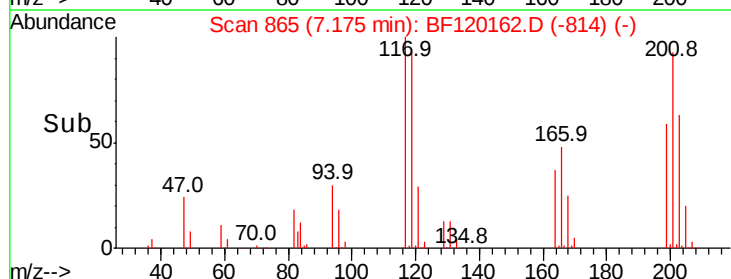
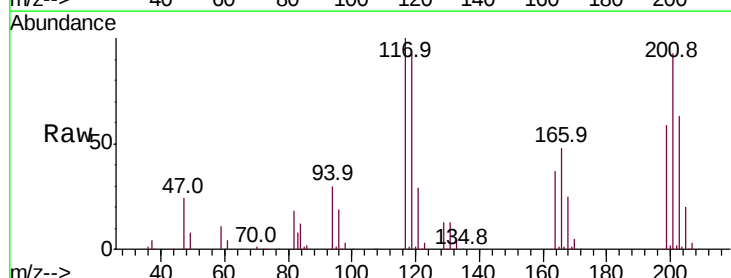
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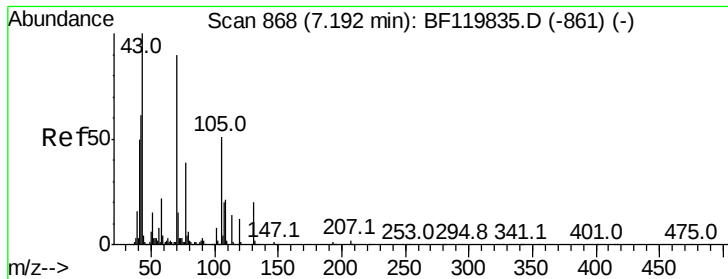
mohammad
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#18
Hexachloroethane
Concen: 45.484 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	168089		
119	93.3	76.1	114.1	
201	92.6	73.0	109.6	





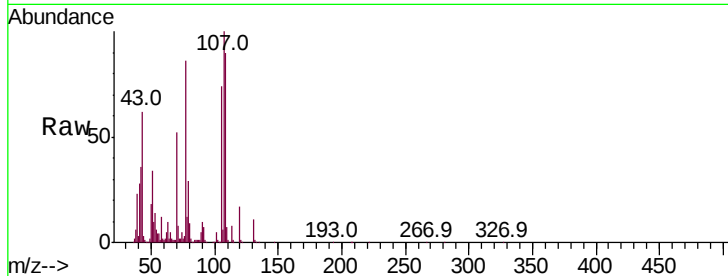
#19
n-Nitroso-di-n-propylamine
Concen: 45.430 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

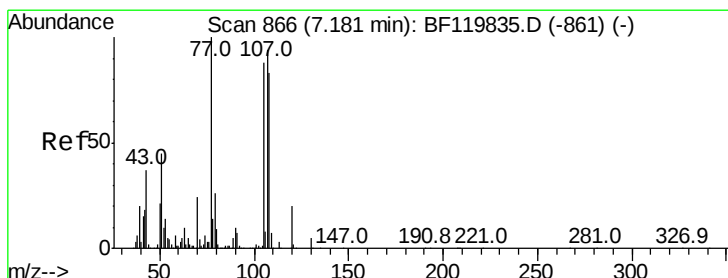
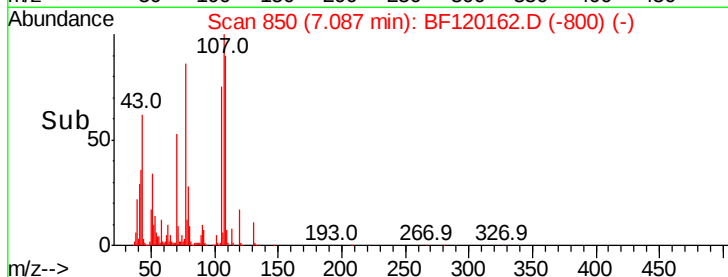
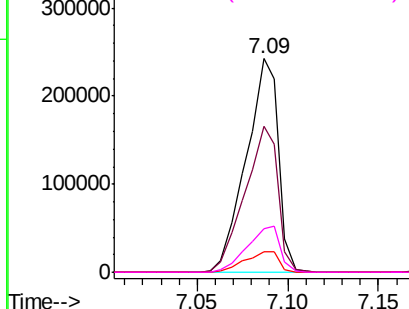
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	54.5	81.7
101	9.6	7.6	11.4
130	20.5	17.6	26.4

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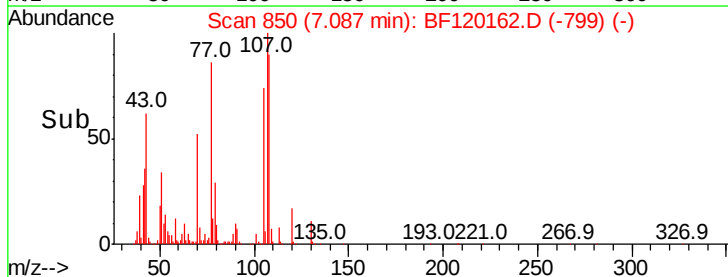
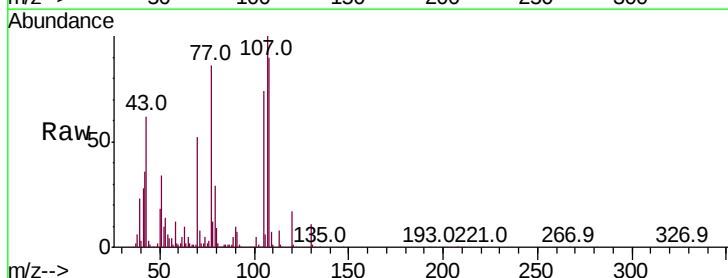
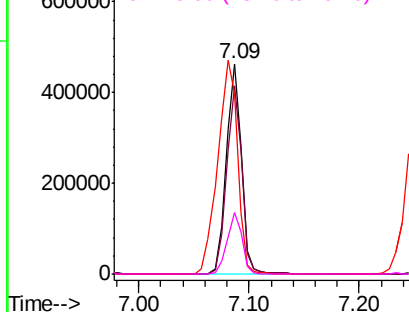
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

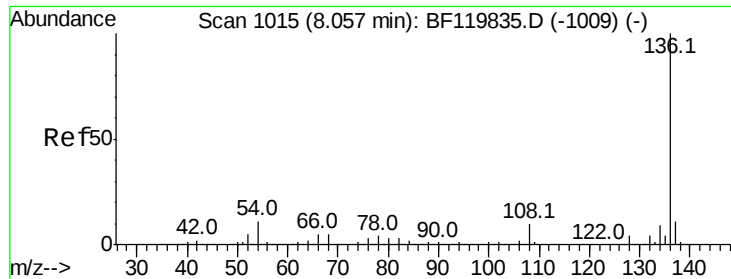


#20
3+4-Methylphenols
Concen: 46.132 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.9	107.9
77	85.9	52.9	92.9
79	29.3	7.7	47.7

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





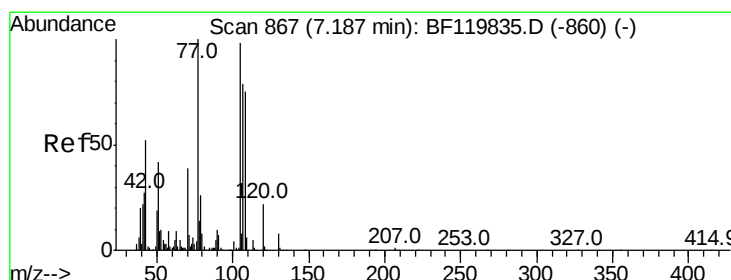
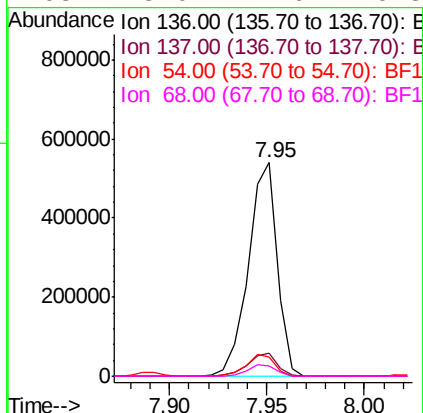
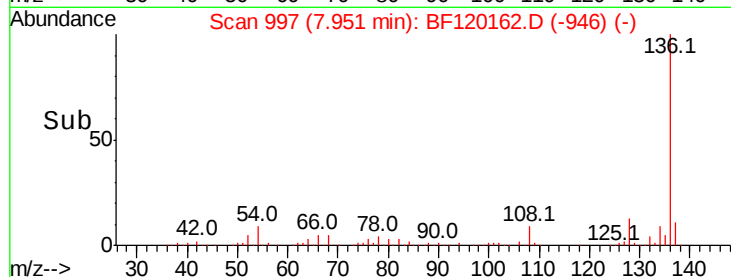
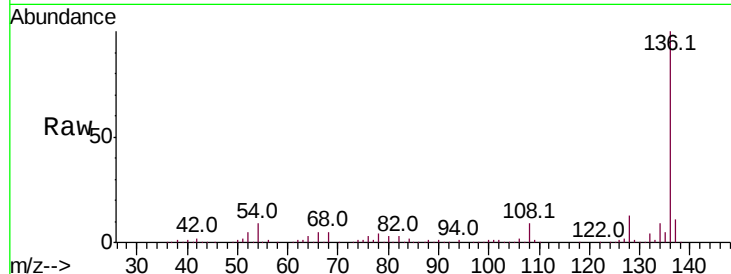
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.1	9.1	13.7	
68	5.0	4.6	6.8	

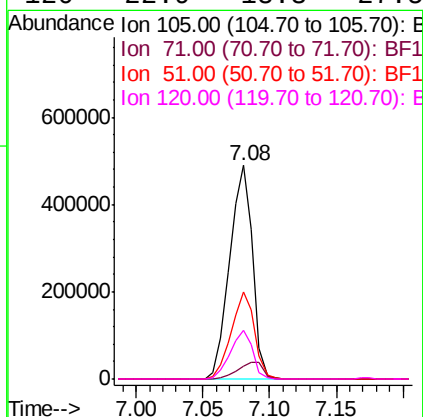
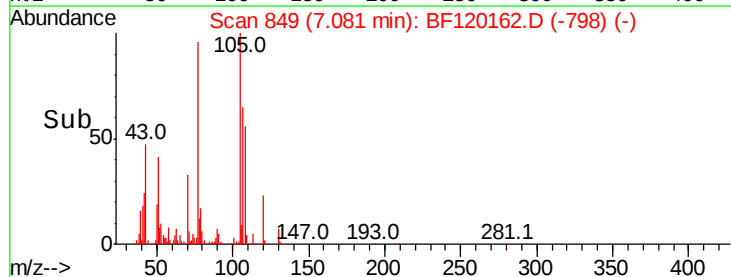
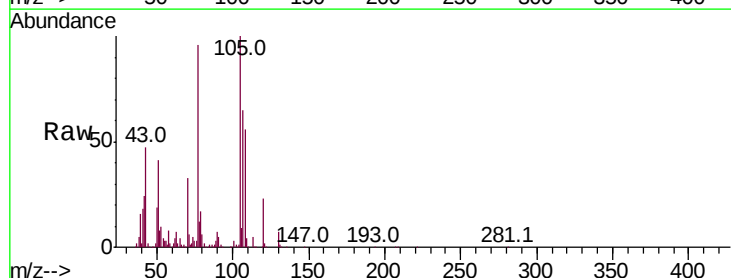
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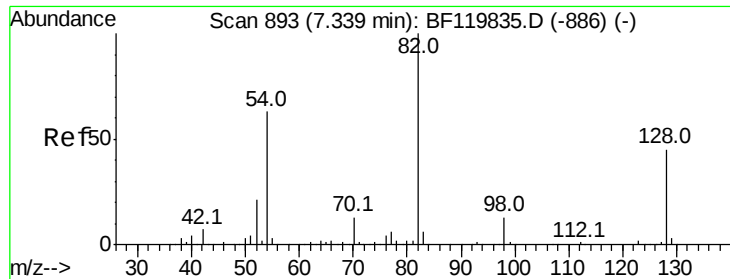
mohammad
4/24/2020 1:34:02 PM



#22
Acetophenone
Concen: 45.694 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	5.7	8.5	
51	40.6	26.2	39.4	
120	22.9	18.3	27.5	





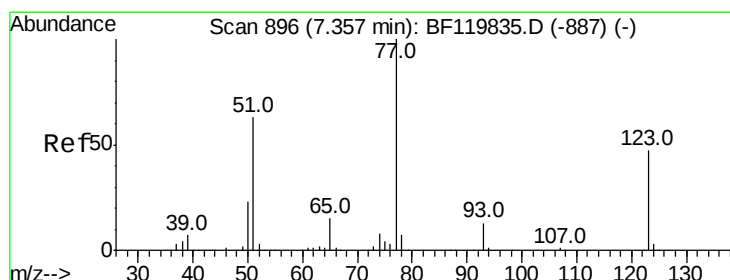
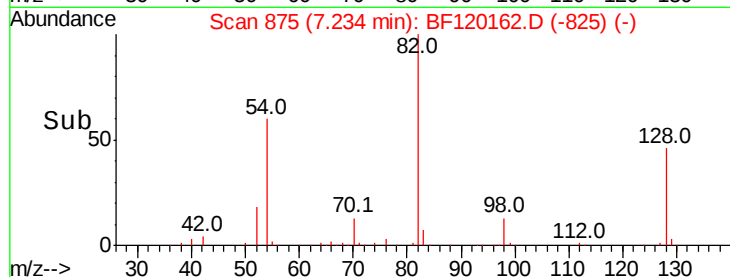
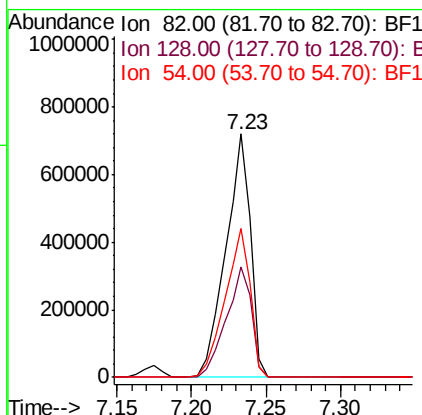
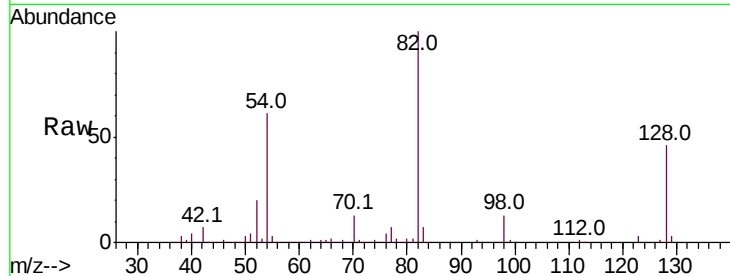
#23
 Nitrobenzene-d5
 Concen: 78.848 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	61.3	50.6	75.8

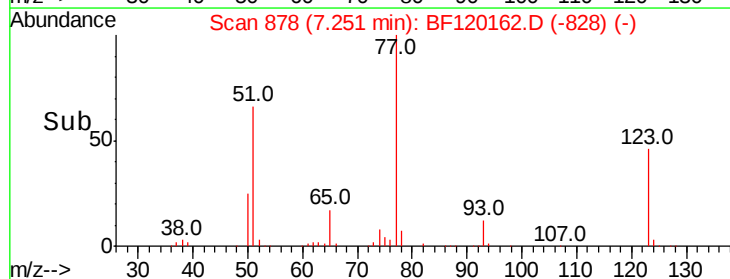
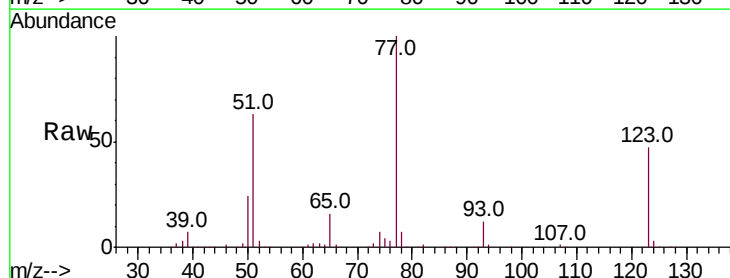
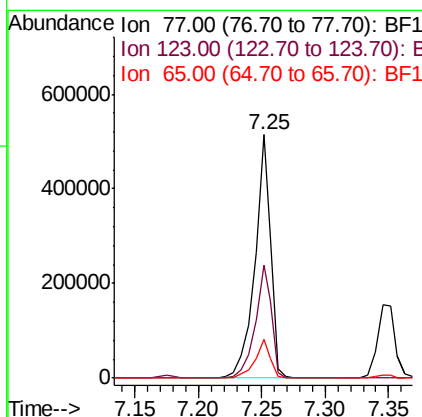
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 4/24/2020 1:34:02 PM



#24
 Nitrobenzene
 Concen: 42.135 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.0	57.0
65	16.2	12.6	18.8





#25

Isophorone

Concen: 41.506 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

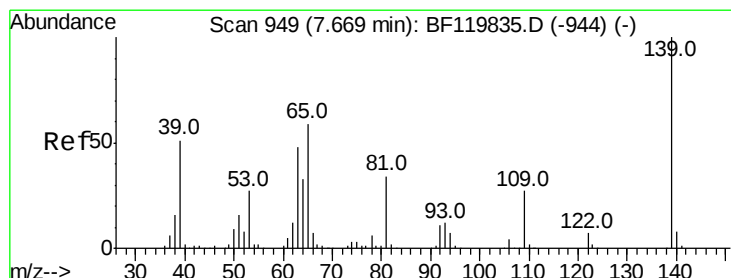
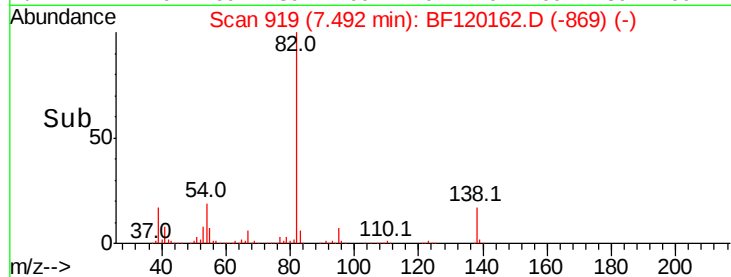
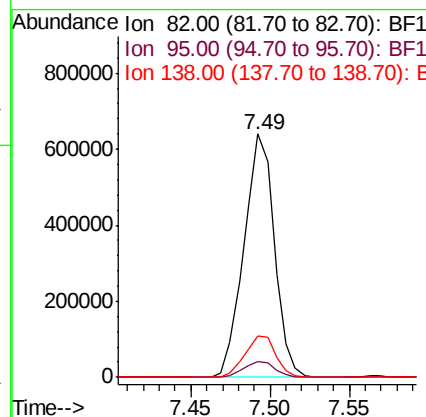
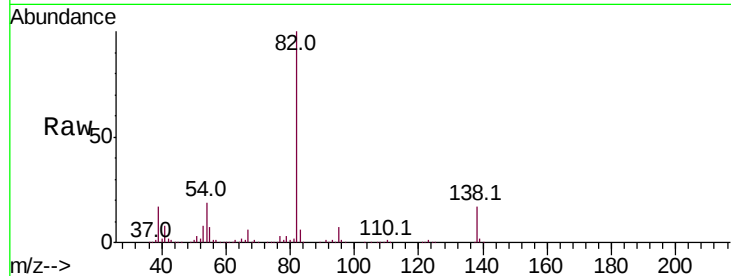
ClientSampleId :

PB128439BS

Tot Ion:	82	Resp:	851847
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	17.0	14.6	21.8

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#26

2-Nitrophenol

Concen: 44.215 ng

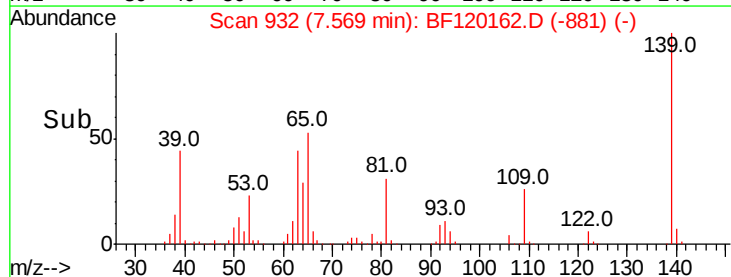
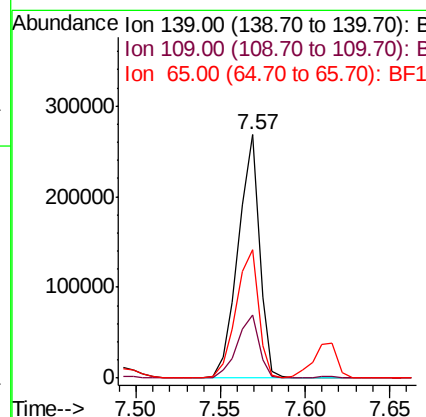
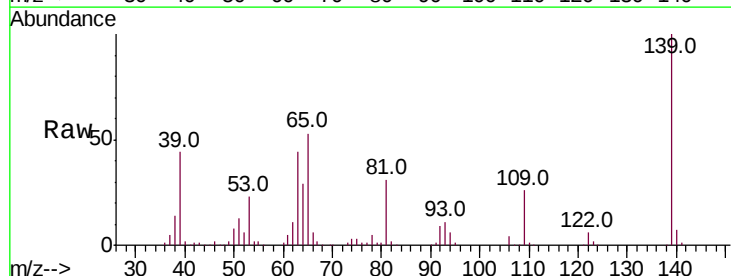
RT: 7.57 min Scan# 932

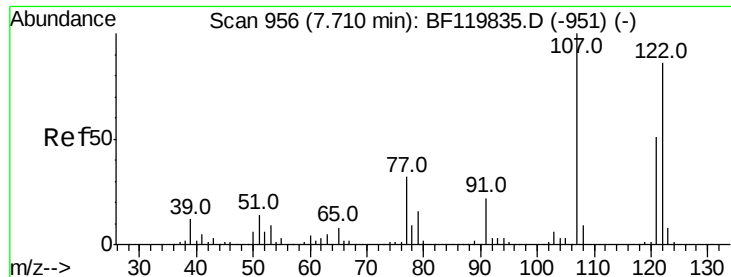
Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	139	Resp:	236581
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.1	33.1
65	52.8	49.2	73.8





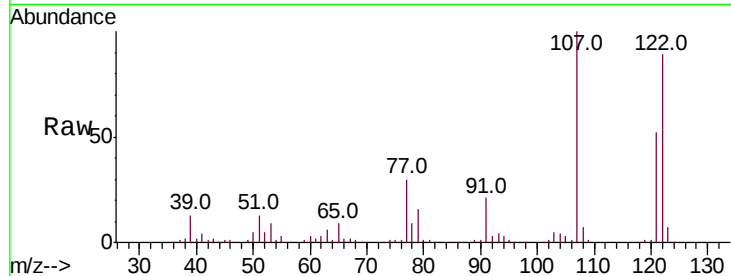
#27
2,4-Dimethylphenol
Concen: 45.983 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampled :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	371081		
107	113.0	89.0	133.6	
121	58.6	46.7	70.1	

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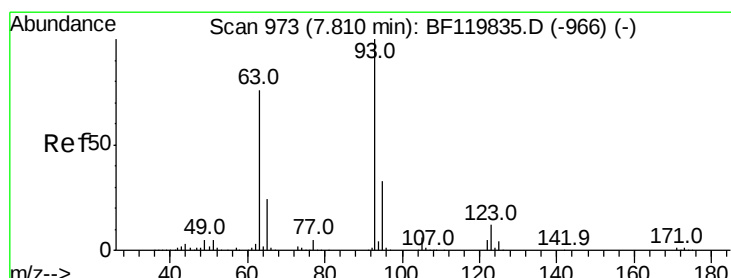
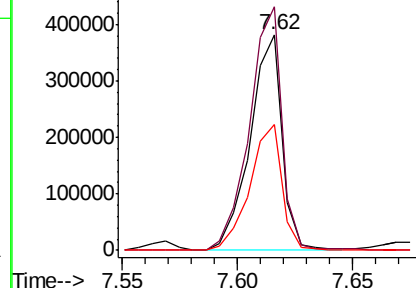
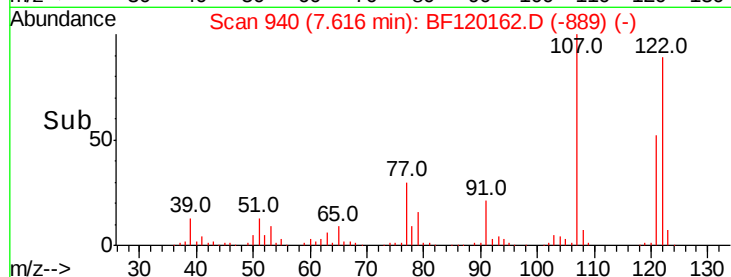


Abundance

Ion 122.00 (121.70 to 122.70): E

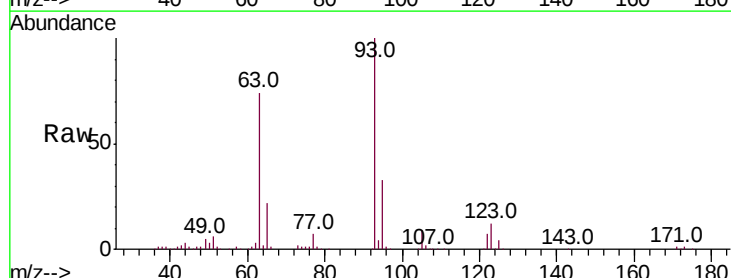
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.781 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	528739		
95	33.2	26.3	39.5	
123	11.8	9.7	14.5	

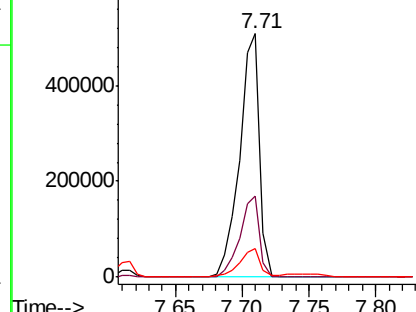
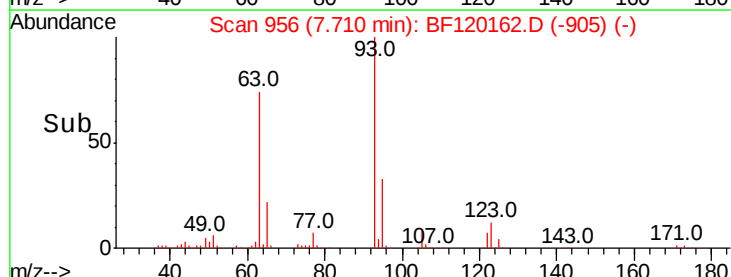


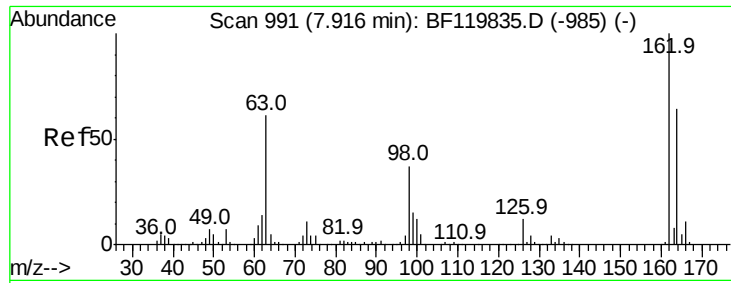
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





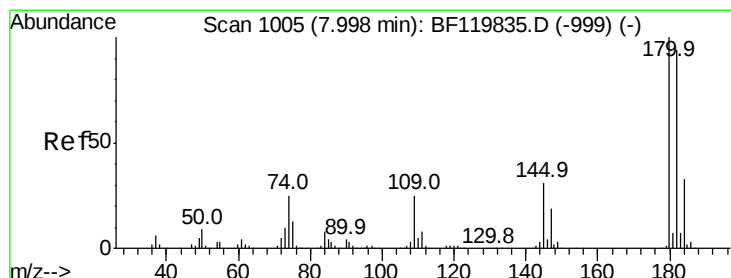
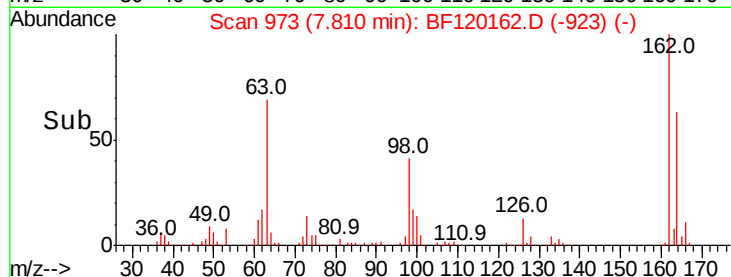
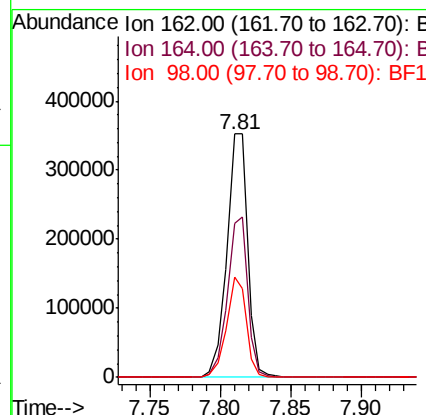
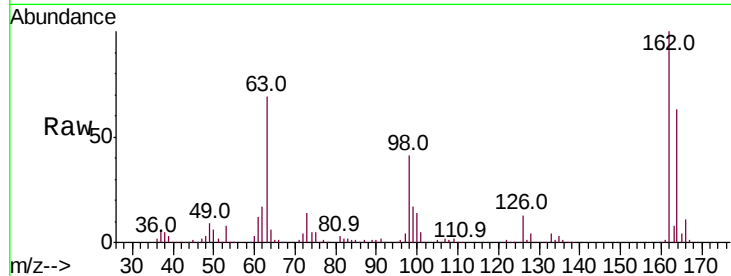
#29
2,4-Dichlorophenol
Concen: 43.911 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363229		
164	63.0	44.7	84.7	
98	41.4	20.7	60.7	

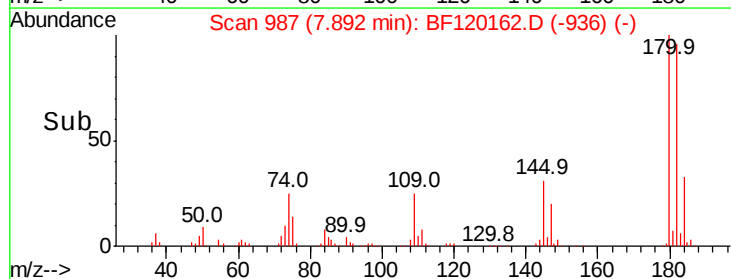
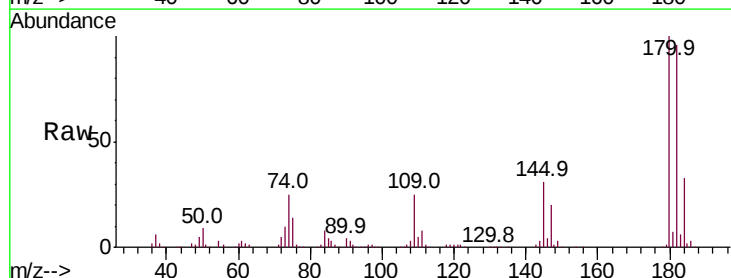
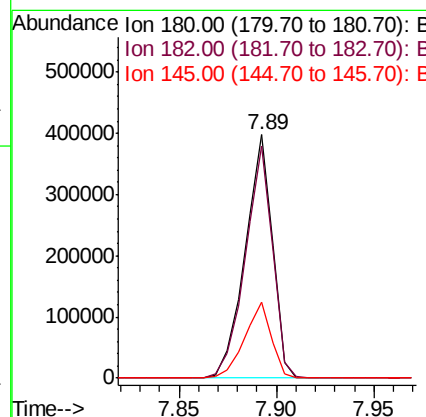
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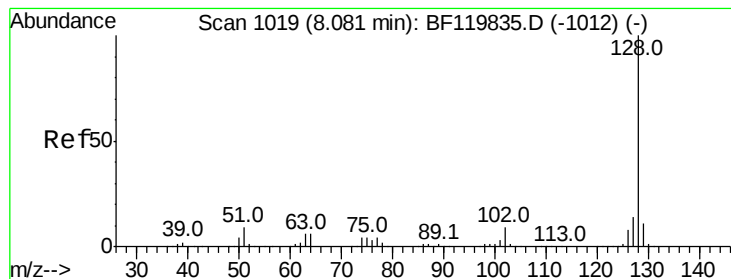
mohammad
4/24/2020 1:34:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.002 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384295		
182	95.5	74.7	112.1	
145	31.3	24.5	36.7	





#31

Naphthalene

Concen: 42.992 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

Tot Ion:128 Resp: 1245834

Ion Ratio Lower Upper

128 100

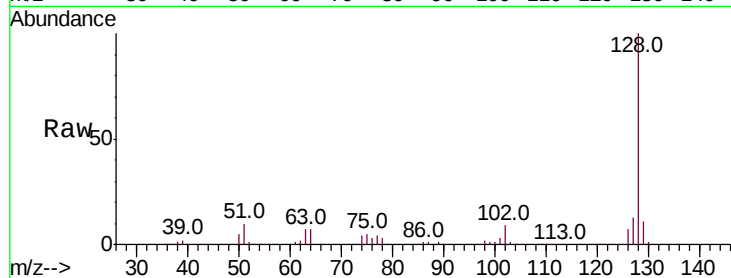
129 11.2 9.5 14.3

127 13.5 11.3 16.9

Manual Integrations
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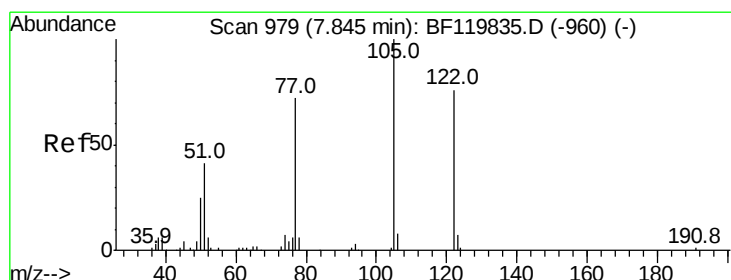
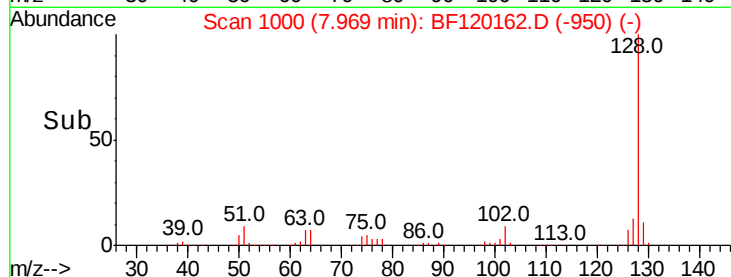
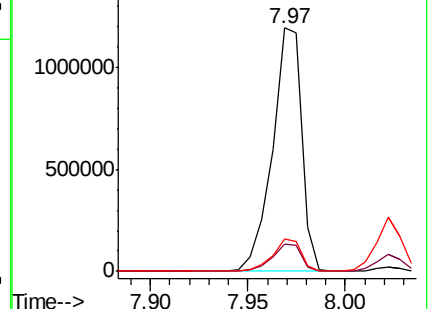
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.703 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

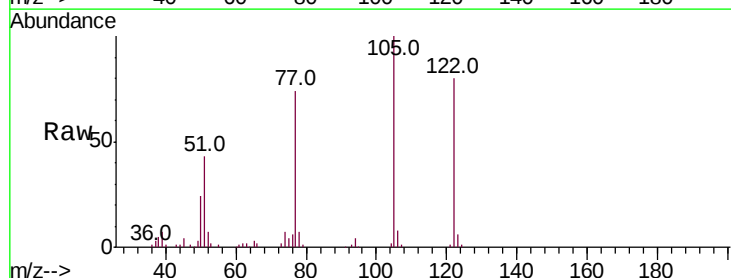
Tgt Ion:122 Resp: 281393

Ion Ratio Lower Upper

122 100

105 125.4 104.9 144.9

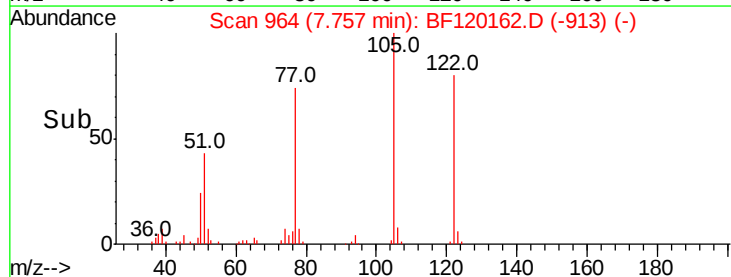
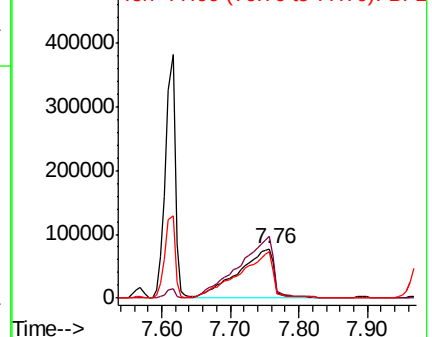
77 93.2 74.4 114.4

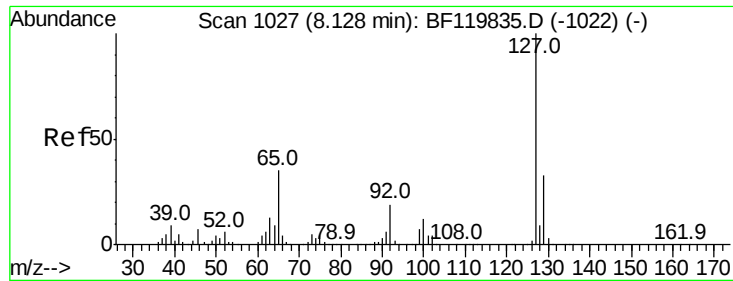


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





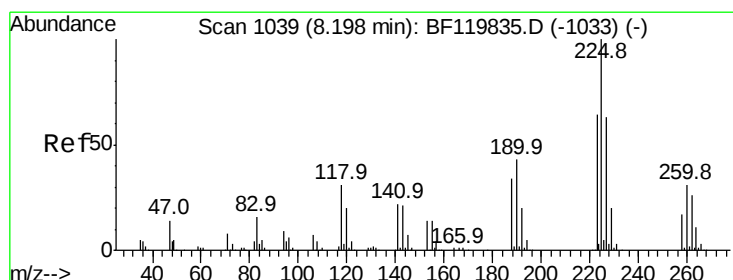
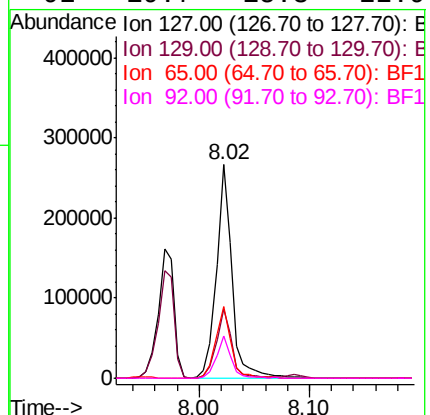
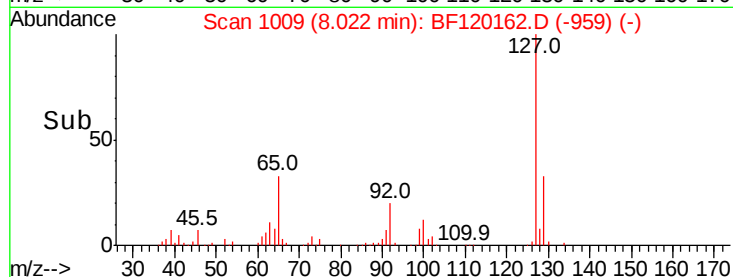
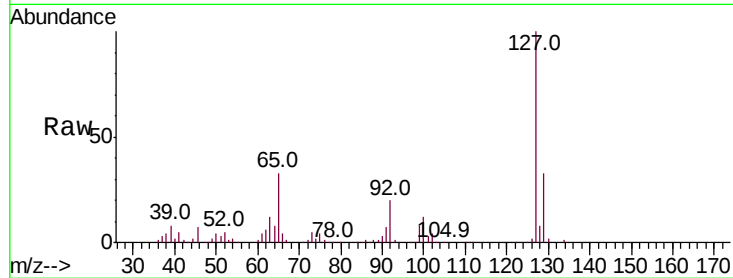
#33
4-Chloroaniline
Concen: 20.502 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.4		
65	33.3	27.4	41.0		
92	19.7	15.3	22.9		

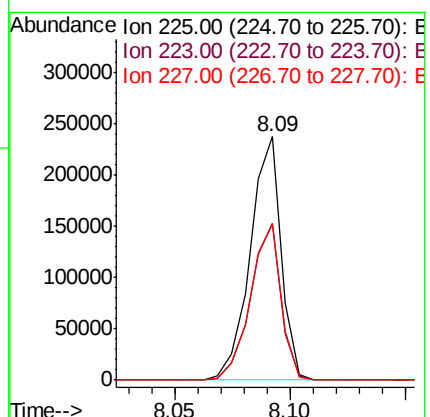
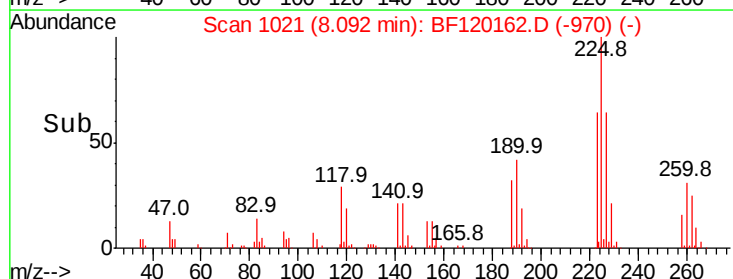
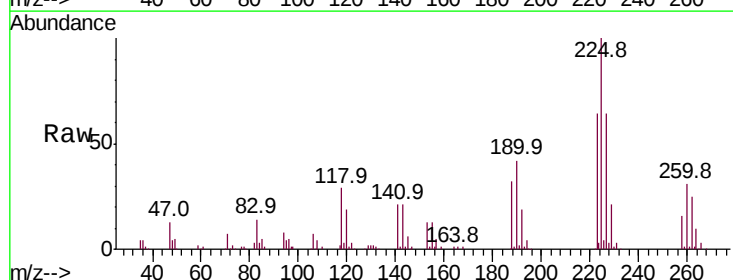
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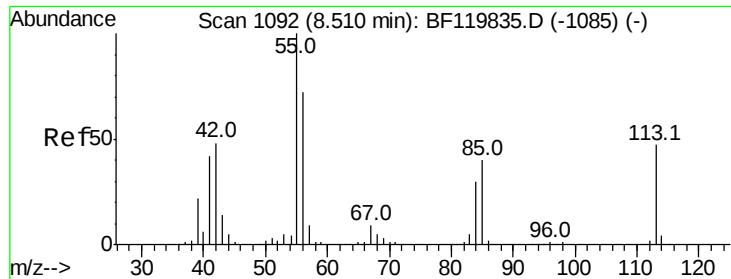
mohammad
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#34
Hexachlorobutadiene
Concen: 39.644 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.0	76.6		
227	64.3	50.7	76.1		





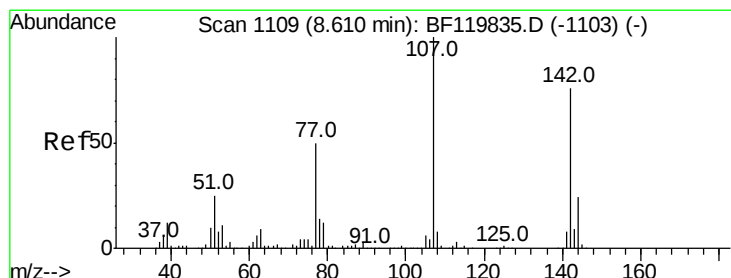
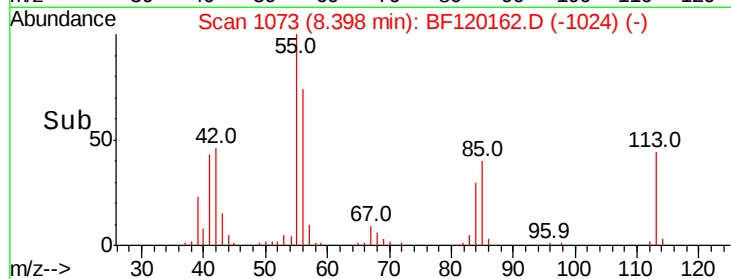
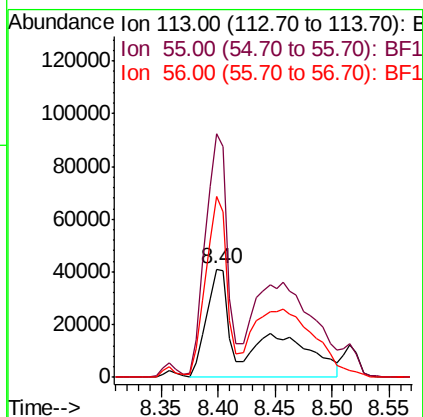
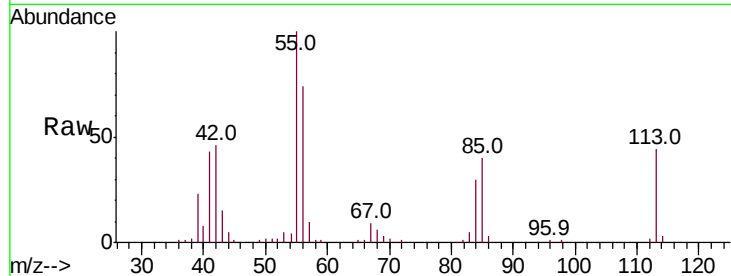
#35
 Caprolactam
 Concen: 44.738 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleID :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.0	218.4	258.4
56	167.2	148.9	188.9

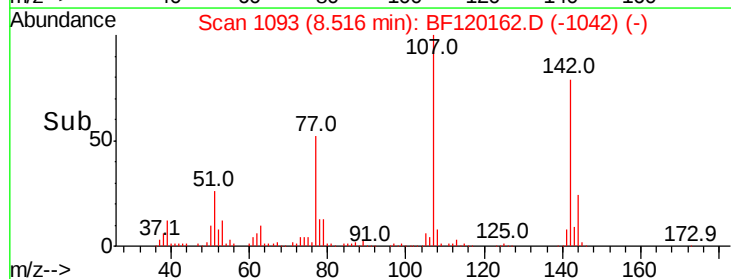
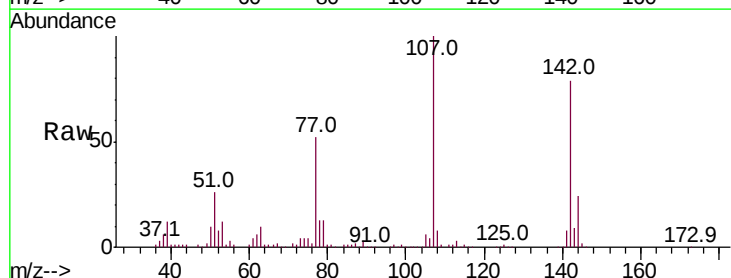
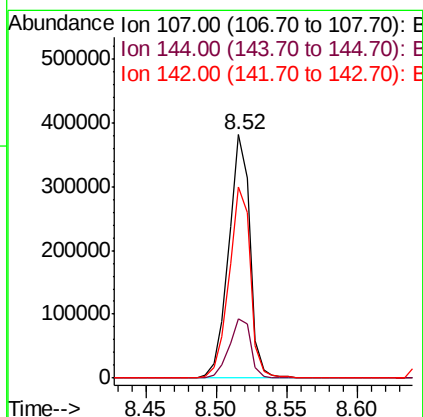
Manual Integrations
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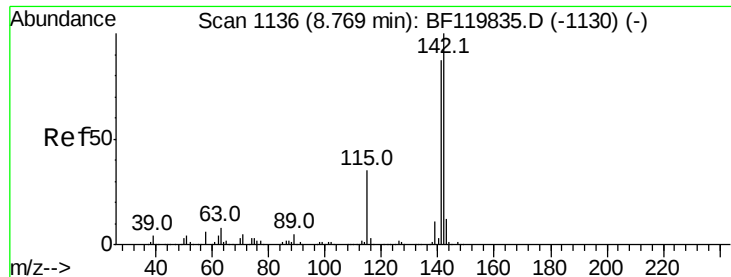
mohammad
 4/24/2020 1:34:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.612 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	21.0	31.6
142	78.6	64.4	96.6





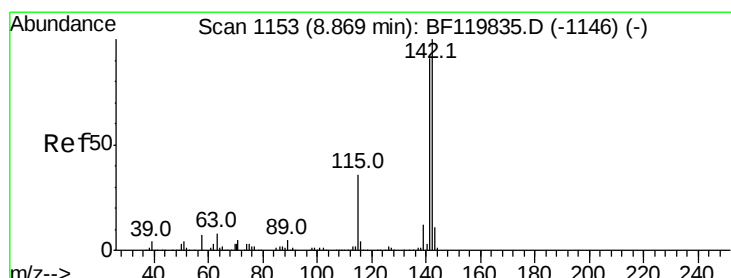
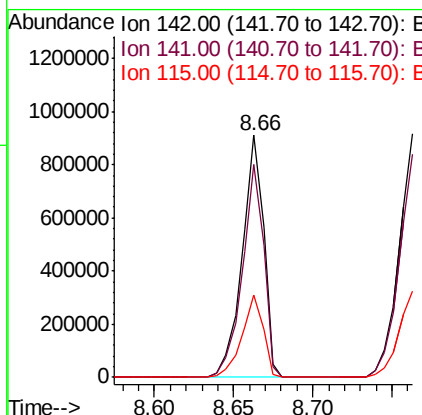
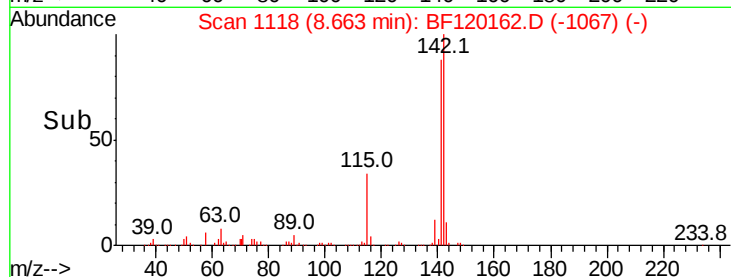
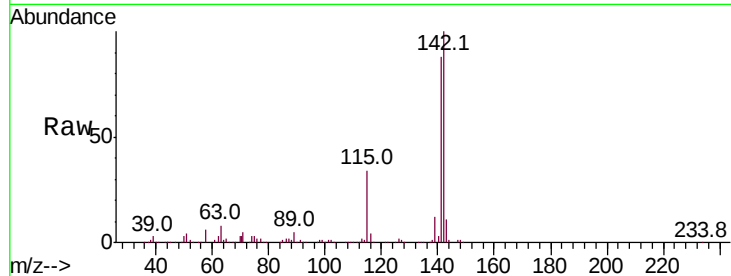
#37
2-Methylnaphthalene
Concen: 43.349 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	34.1	27.9	41.9

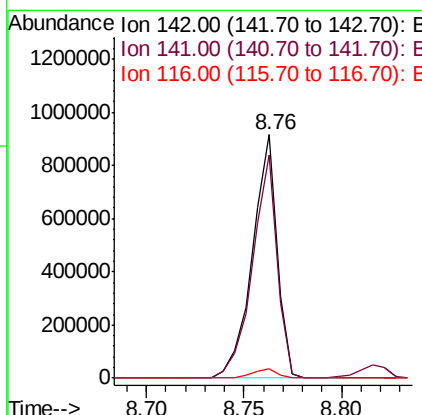
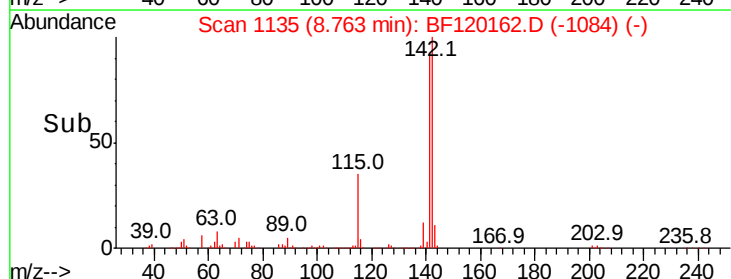
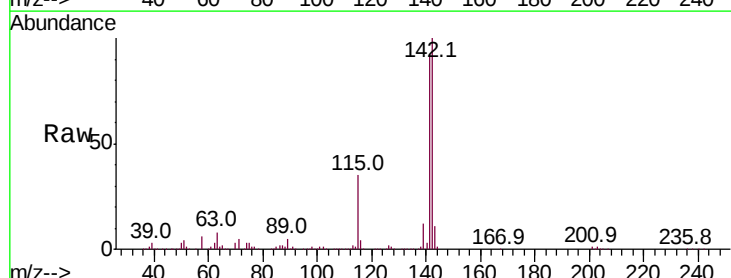
Manual Integrations
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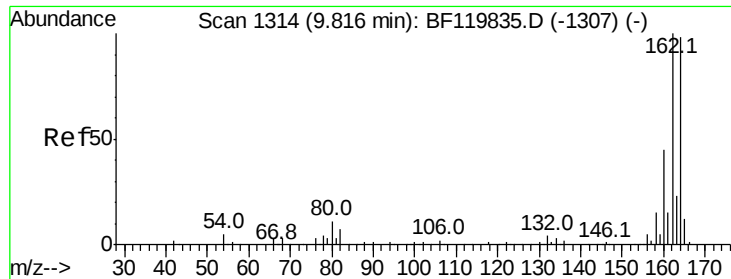
mohammad
4/24/2020 1:34:02 PM



#38
1-Methylnaphthalene
Concen: 43.442 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	3.6	3.0	4.6





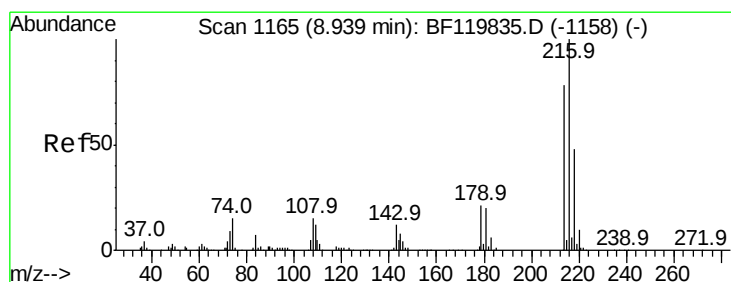
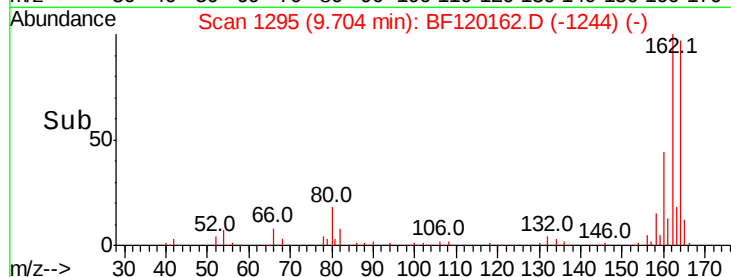
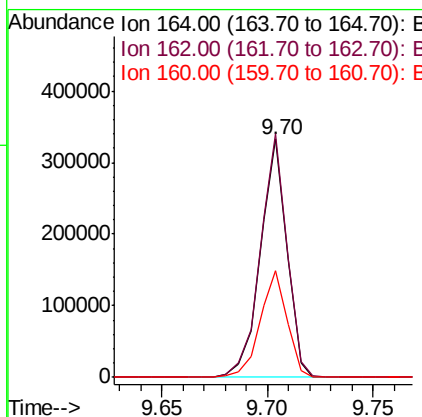
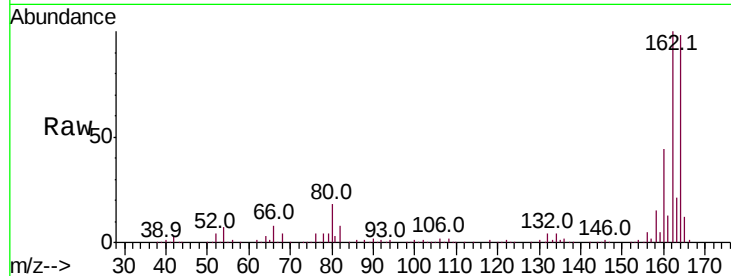
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	44.5	35.7	53.5

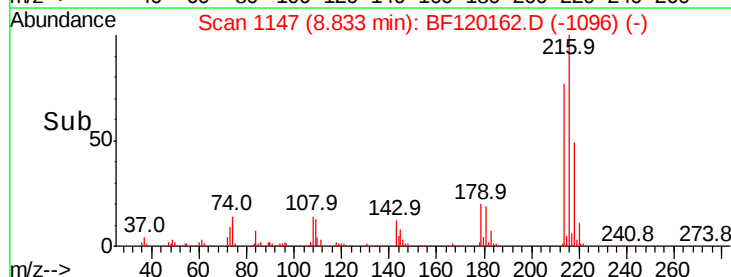
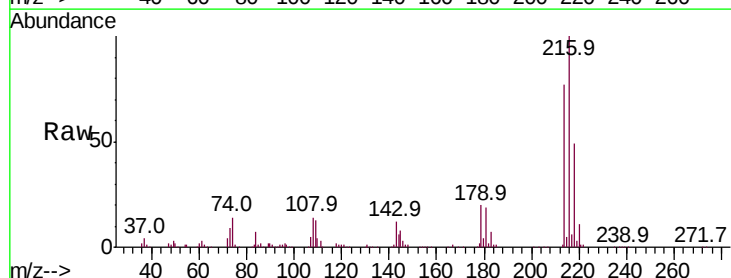
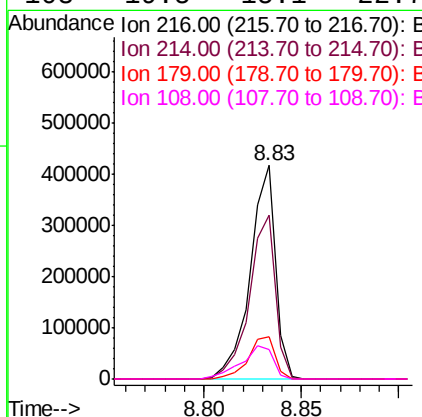
Manual Integrations
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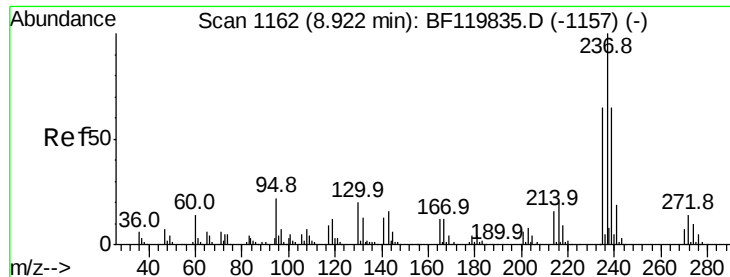
mohammad
4/24/2020 1:34:02 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.822 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.3	17.1	25.7
108	19.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 77.595 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

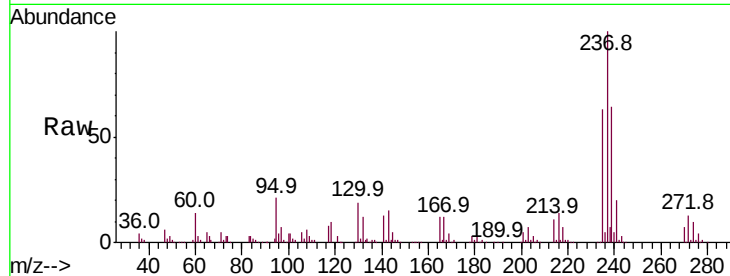
ClientSampleId :

PB128439BS

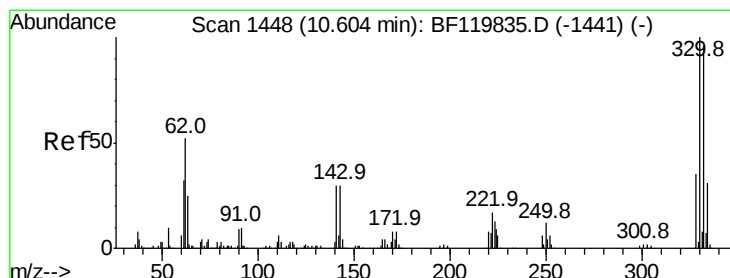
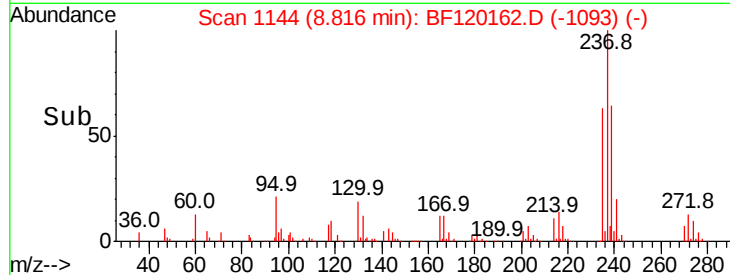
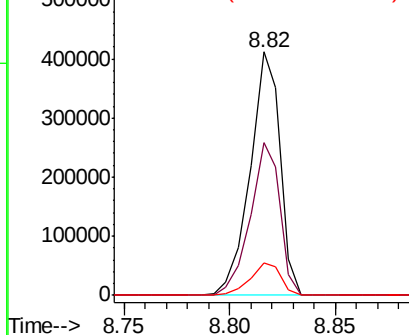
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.7	43.2	83.2	
272	13.3	0.0	34.1	

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



#42

2,4,6-Tribromophenol

Concen: 105.613 ng

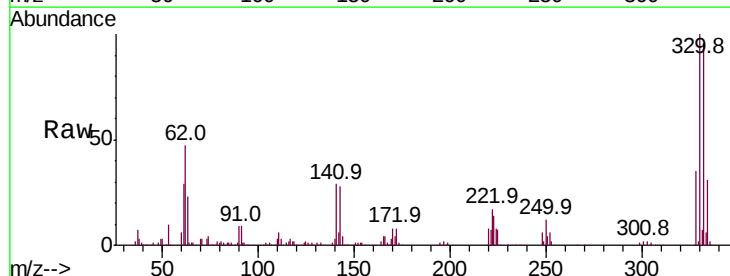
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

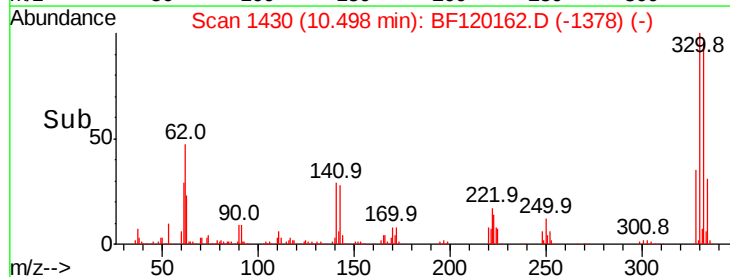
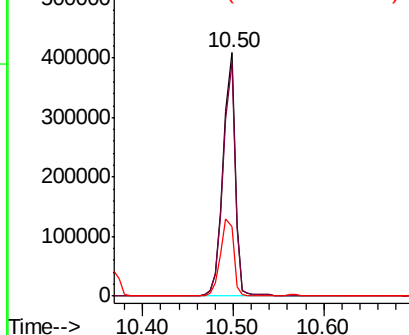
Lab File: BF120162.D

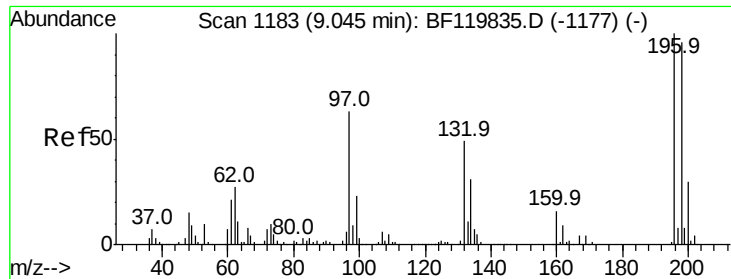
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	75.7	113.5	
141	34.5	25.4	38.0	



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





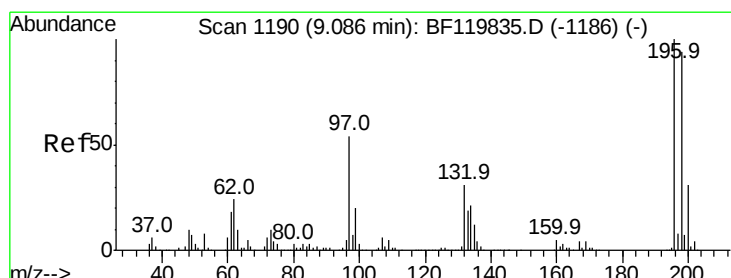
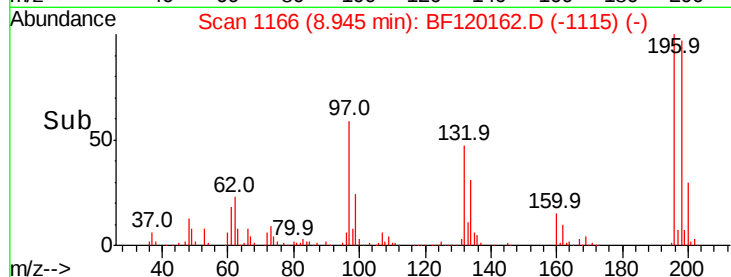
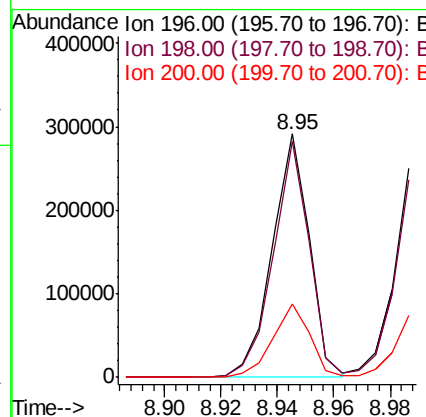
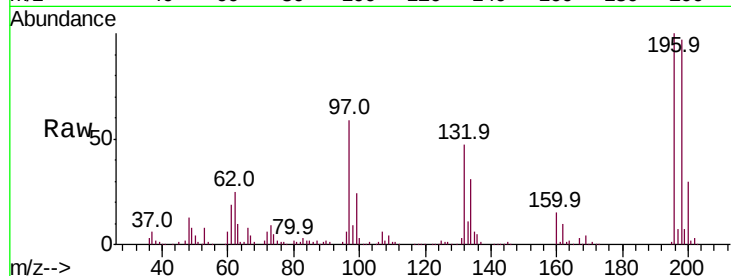
#43
 2,4,6-Trichlorophenol
 Concen: 41.666 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265026		
198	96.8	76.6	115.0	
200	30.4	24.6	36.8	

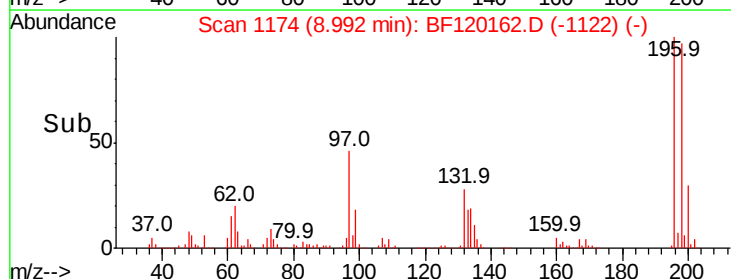
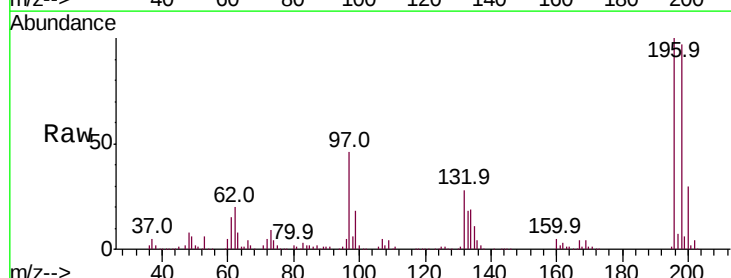
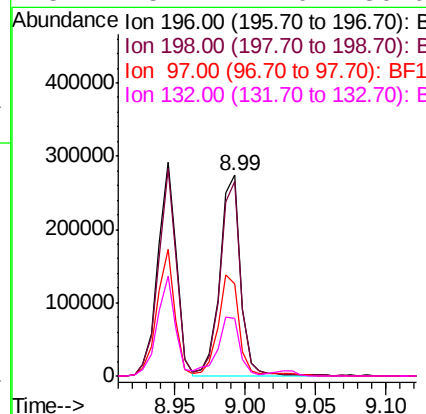
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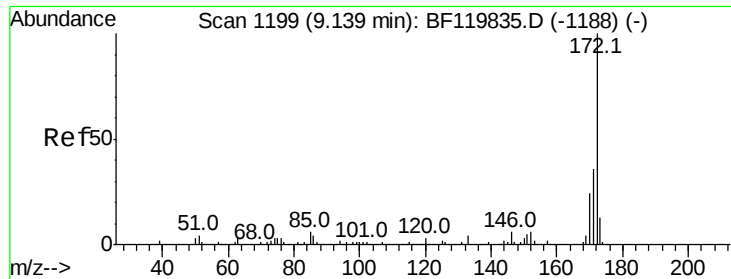
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.965 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279150		
198	97.1	73.8	110.8	
97	46.2	42.6	63.8	
132	28.4	24.0	36.0	





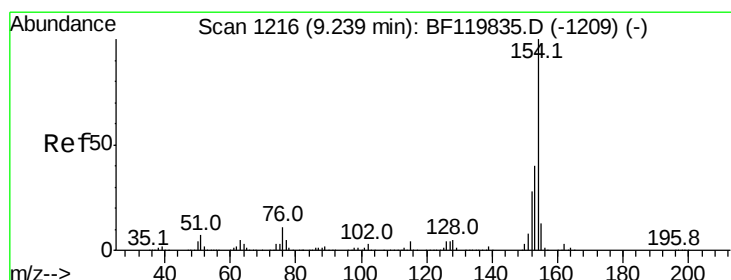
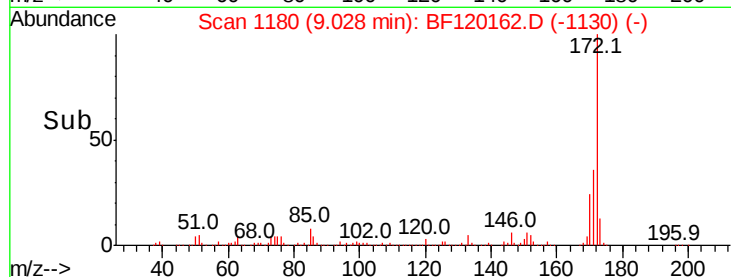
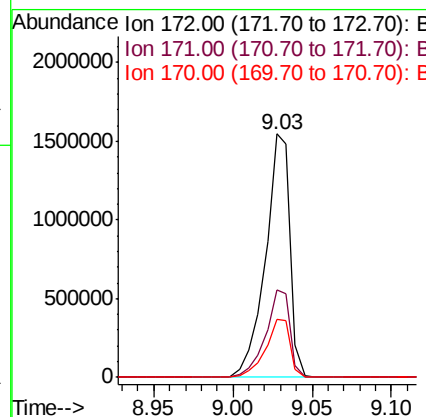
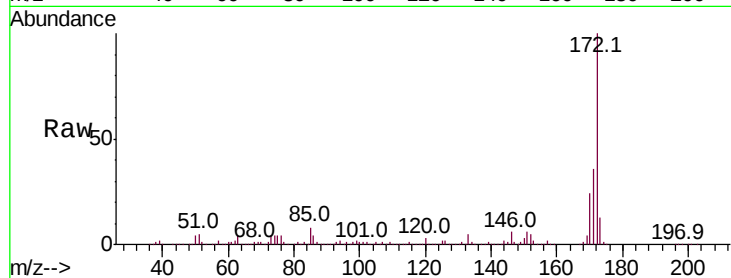
#45
2-Fluorobiphenyl
Concen: 81.637 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:172 Resp: 1676900
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.7 20.2 30.2

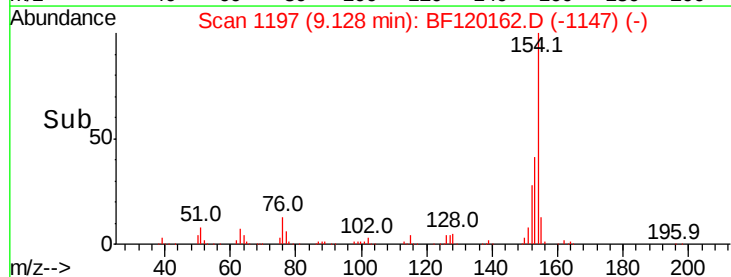
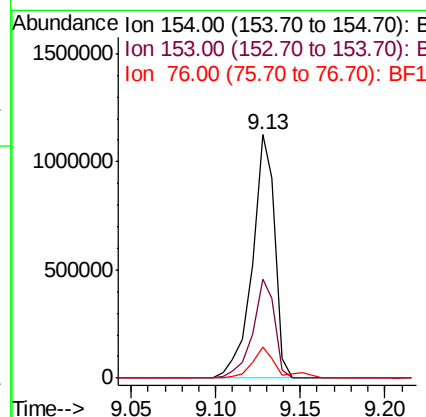
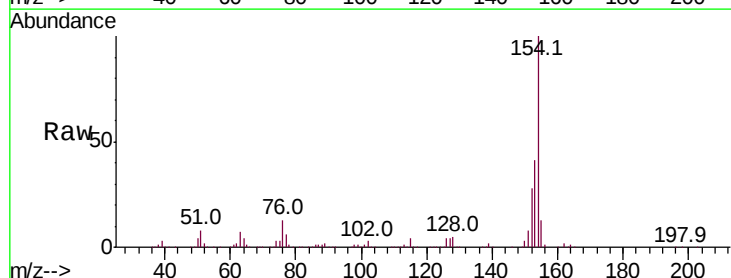
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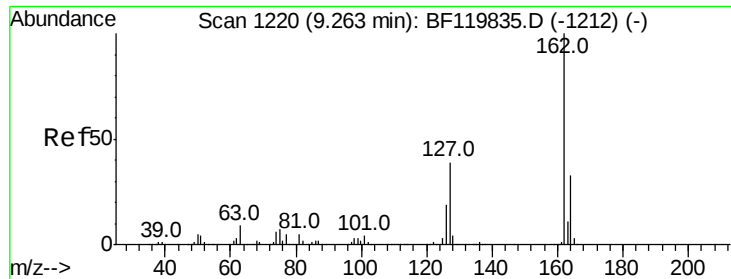
mohammad
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#46
1,1'-Biphenyl
Concen: 42.503 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:154 Resp: 1046245
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 12.9 0.0 33.0





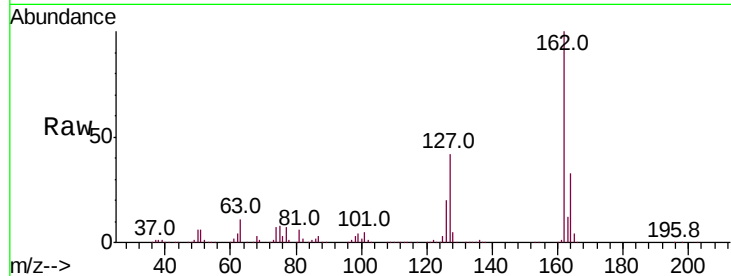
#47
 2-Chloronaphthalene
 Concen: 42.556 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleID :
 PB128439BS

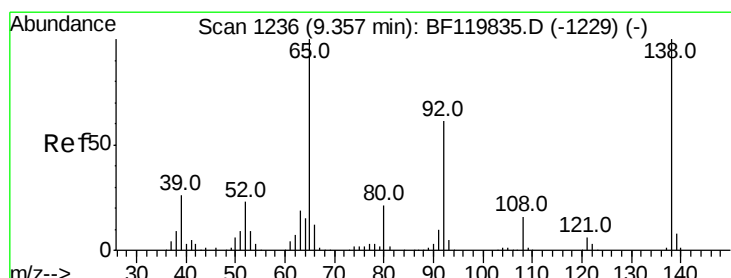
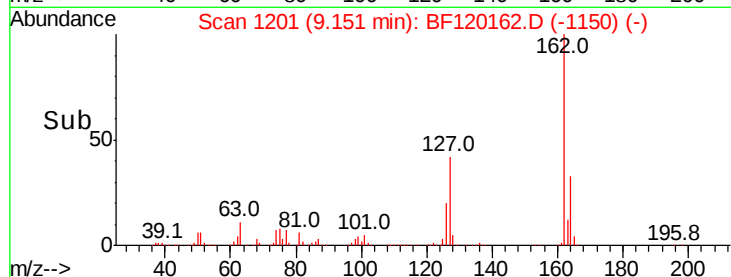
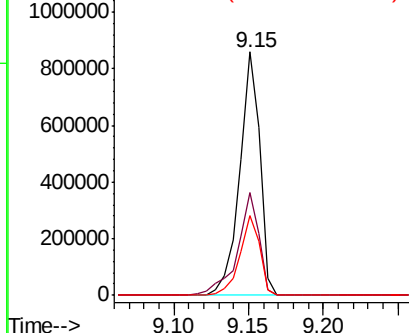
Tot Ion	Ratio	Resp	Lower	Upper
162	100	806979		
127	42.1		33.7	50.5
164	32.7		26.3	39.5

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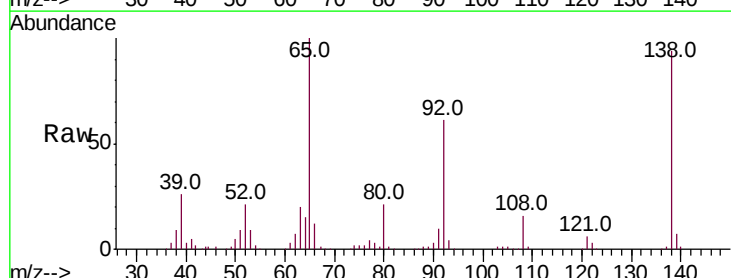


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

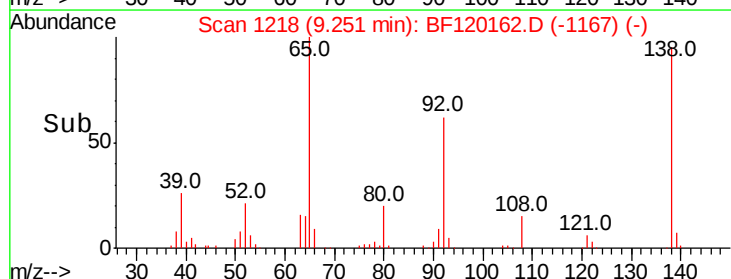
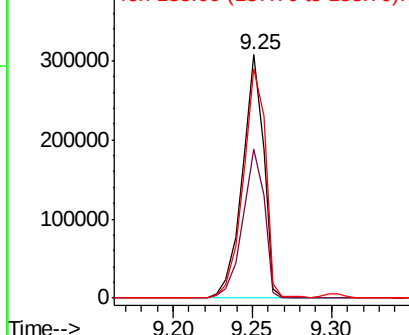


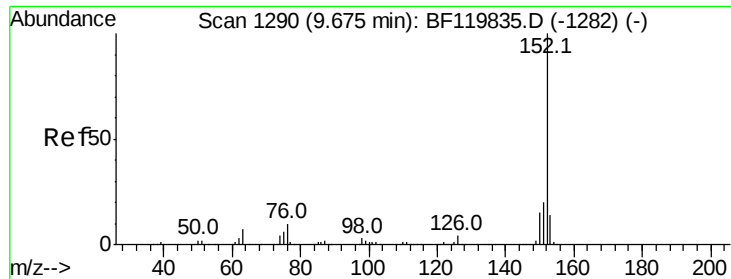
#48
 2-Nitroaniline
 Concen: 41.271 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	283611		
92	61.4		50.0	75.0
138	94.1		75.0	112.4



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





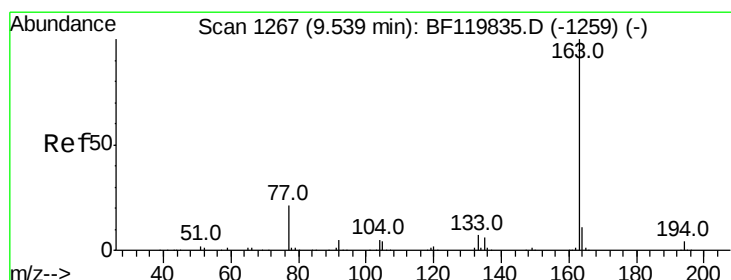
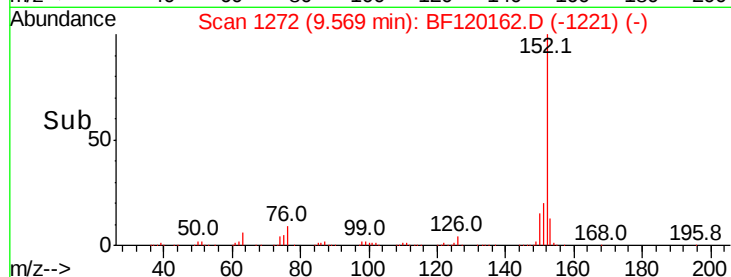
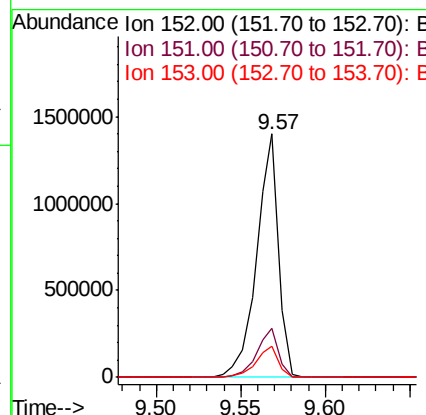
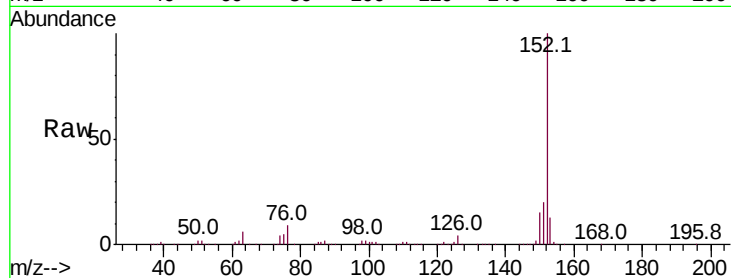
#49
Acenaphthylene
Concen: 43.612 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:152 Resp: 1257714
Ion Ratio Lower Upper
152 100
151 20.4 17.2 25.8
153 12.8 11.2 16.8

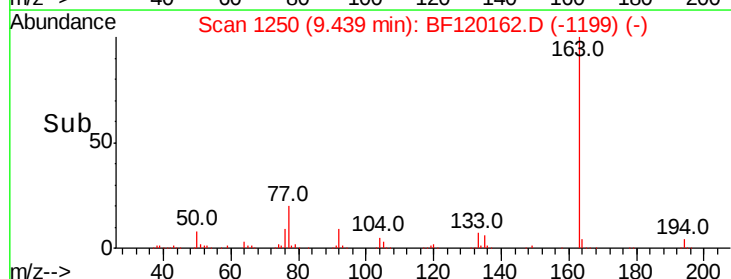
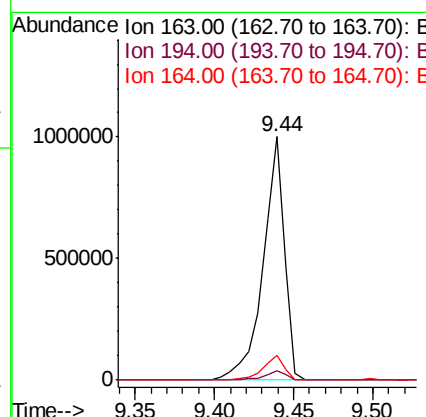
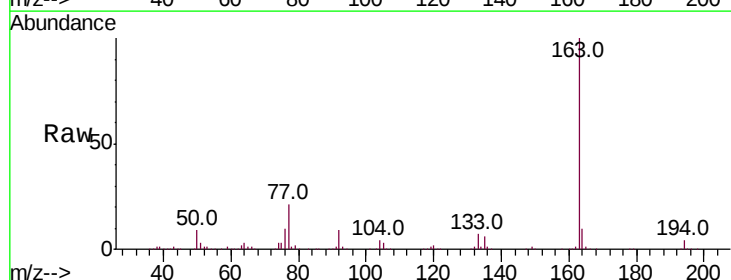
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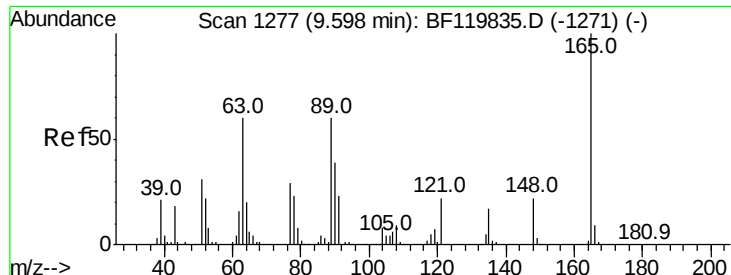
mohammad
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#50
Dimethylphthalate
Concen: 41.800 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:163 Resp: 942925
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.1 8.2 12.2





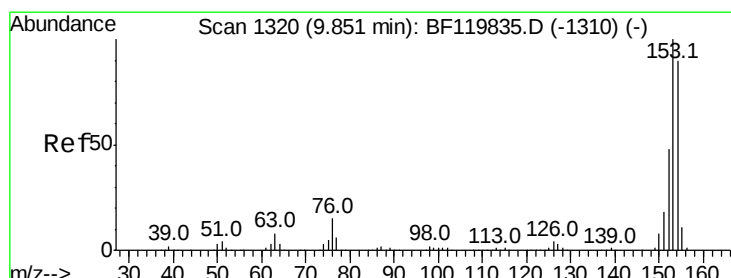
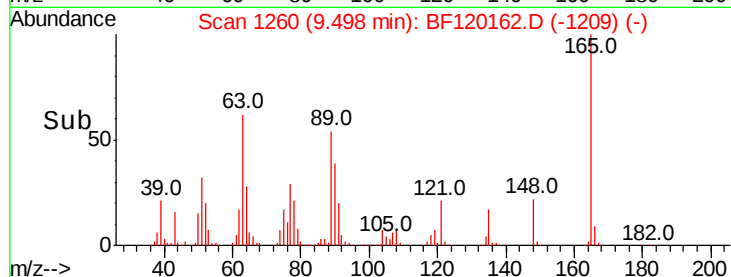
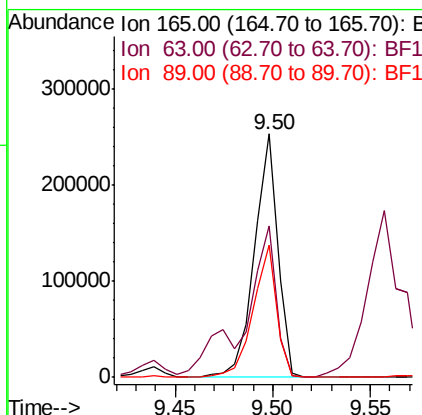
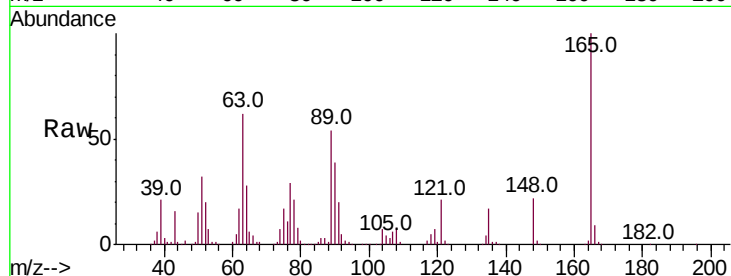
#51
2,6-Dinitrotoluene
Concen: 42.812 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211483		
63	62.1	45.0	67.4	
89	54.5	41.5	62.3	

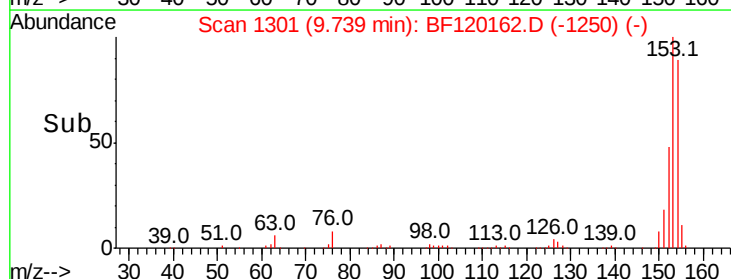
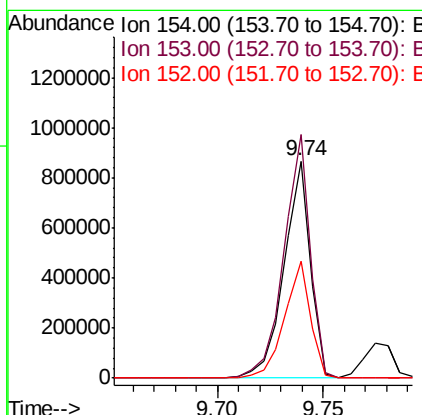
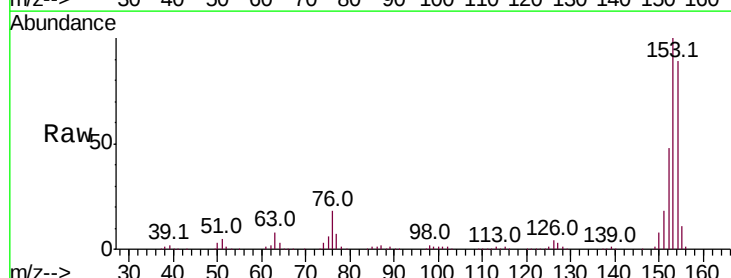
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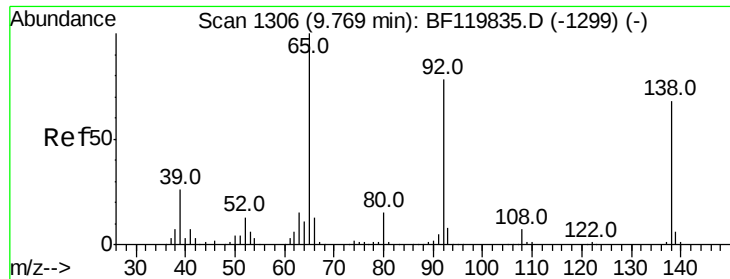
mohammad
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#52
Acenaphthene
Concen: 39.194 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	753992		
153	112.2	88.1	132.1	
152	53.7	43.0	64.4	





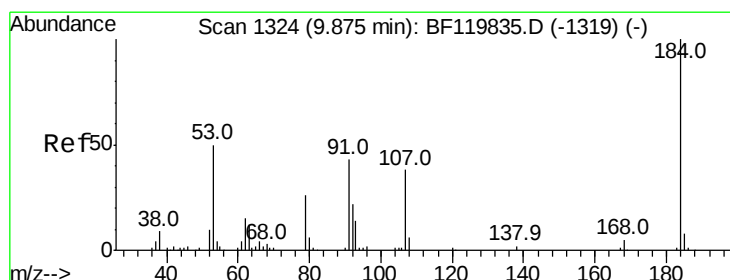
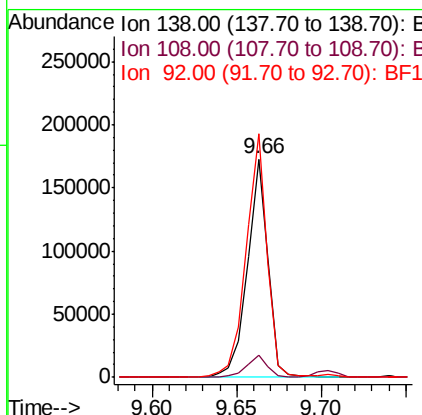
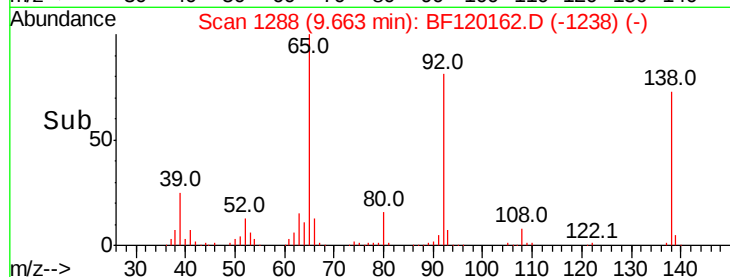
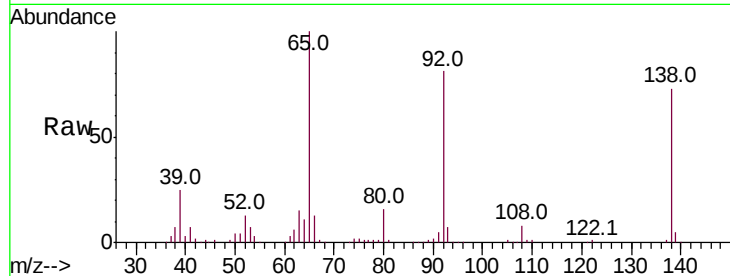
#53
3-Nitroaniline
Concen: 26.322 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	111.5	95.4	143.0

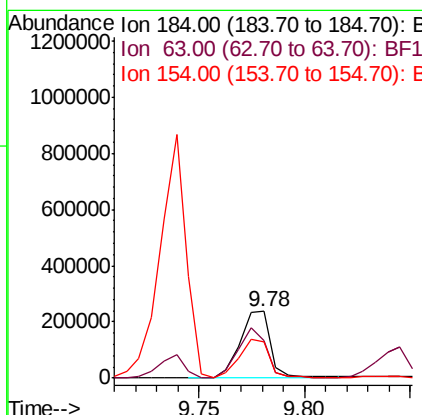
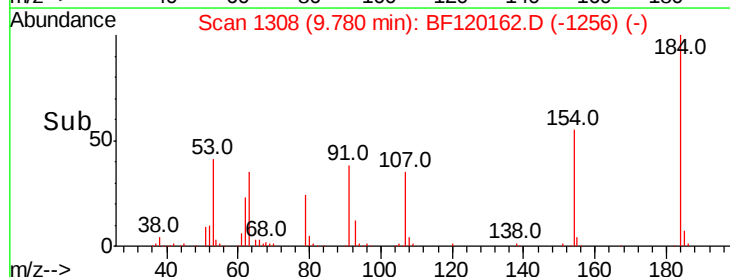
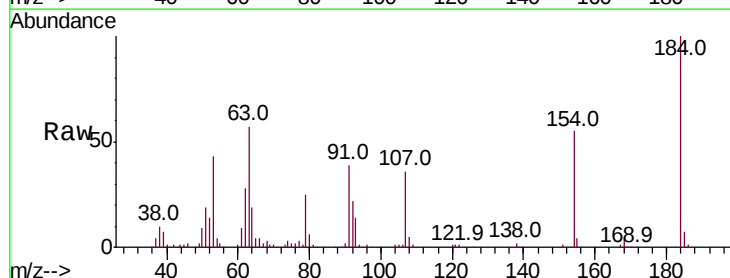
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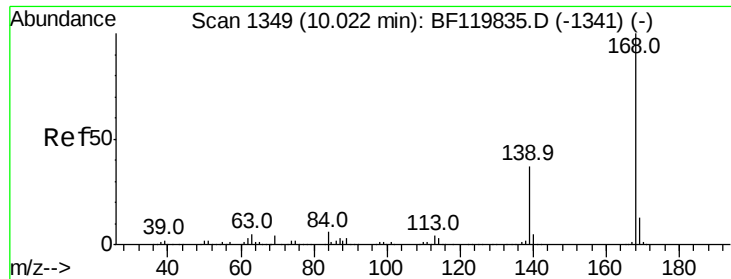
mohammad
4/24/2020 1:34:02 PM



#54
2,4-Dinitrophenol
Concen: 81.879 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	50.2	75.4
154	55.2	44.5	66.7





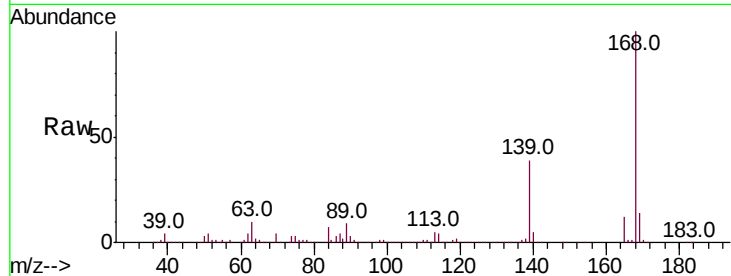
#55
Dibenzofuran
Concen: 43.031 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.2	11.0	16.6

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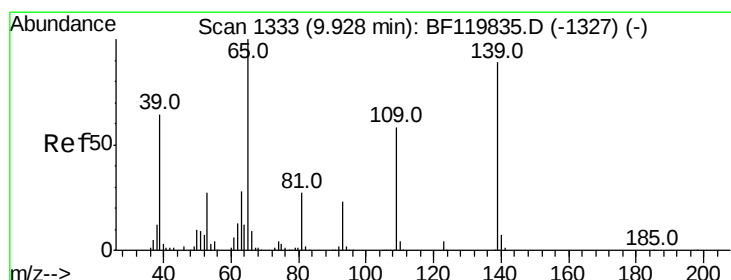
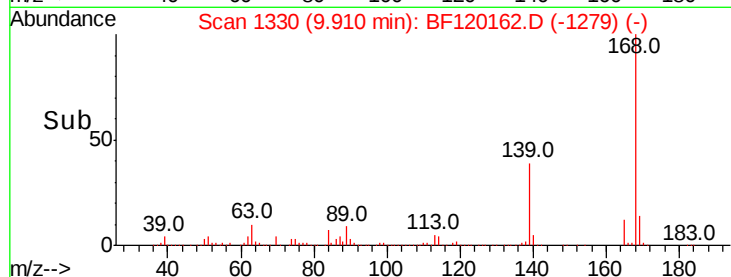
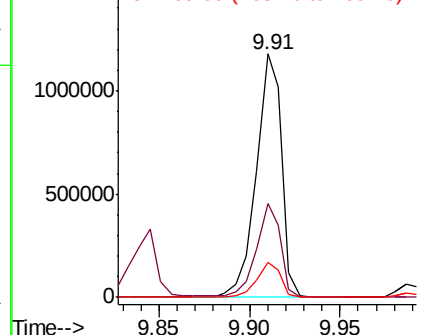


Abundance

Ion 168.00 (167.70 to 168.70): E

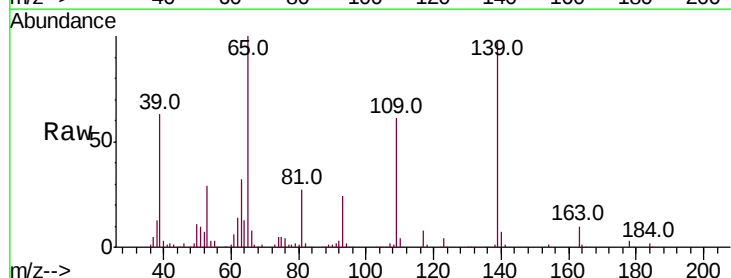
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 76.890 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.2	43.3	83.3
65	103.2	91.0	131.0

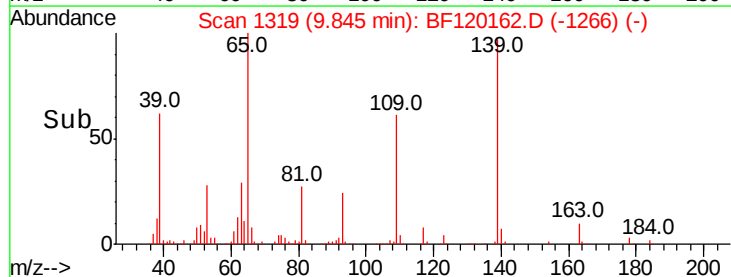
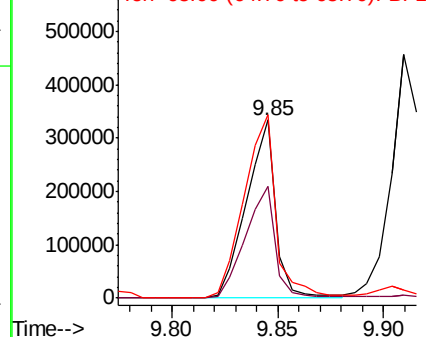


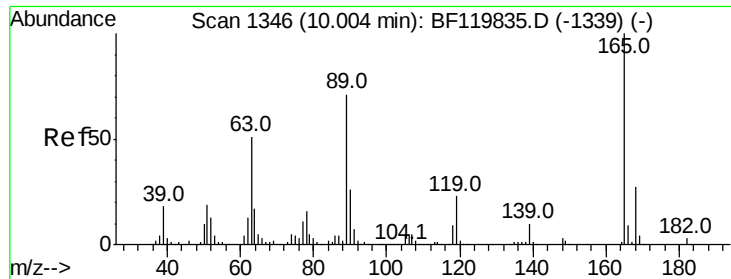
Abundance

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





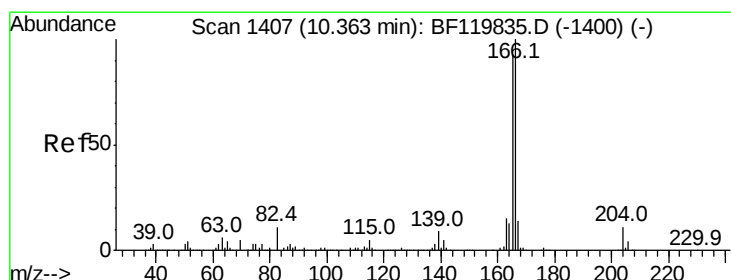
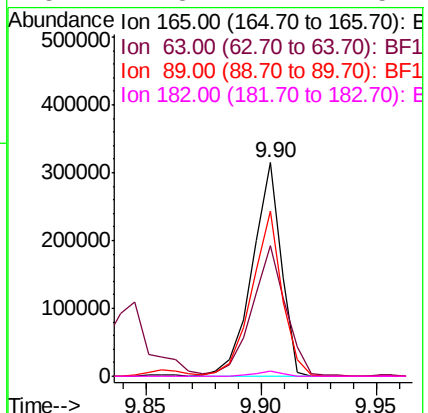
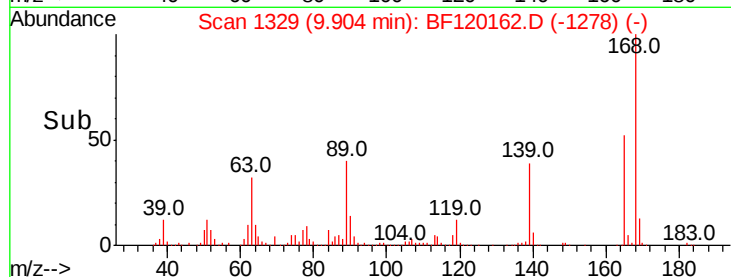
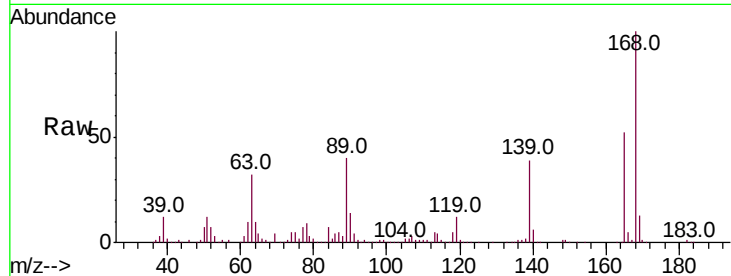
#57
2,4-Dinitrotoluene
Concen: 42.504 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	276623		
63	61.0	42.6	64.0	
89	77.2	61.0	91.4	
182	2.3	2.2	3.2	

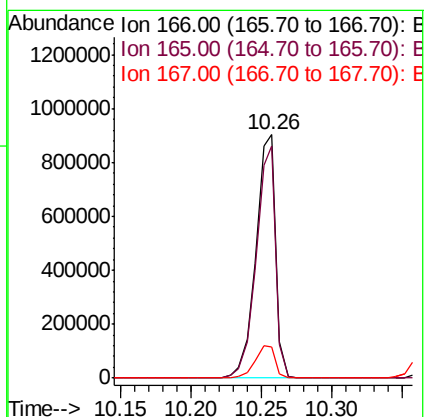
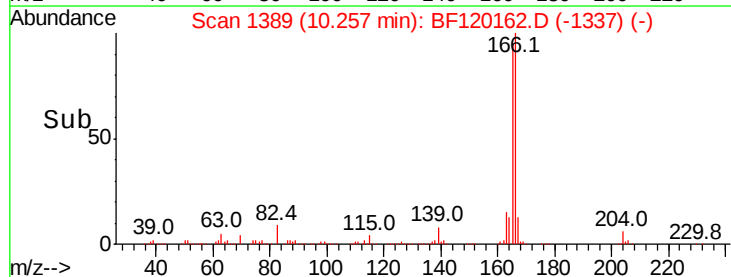
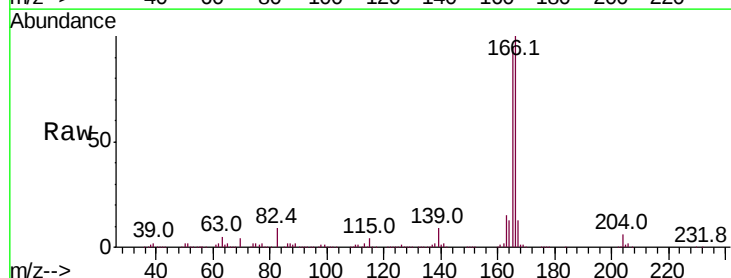
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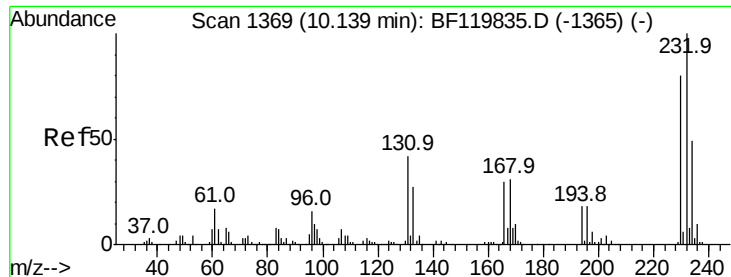
mohammad
4/24/2020 1:34:02 PM



#58
Fluorene
Concen: 42.340 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	893895		
165	95.2	75.4	113.2	
167	12.7	11.2	16.8	





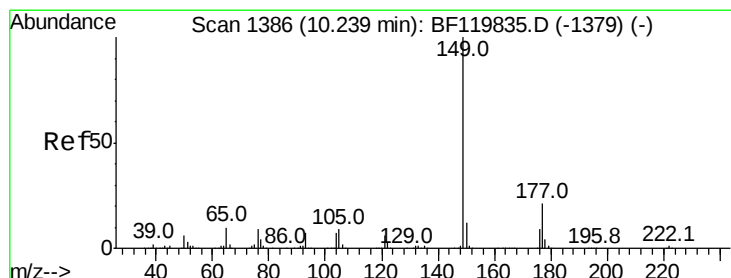
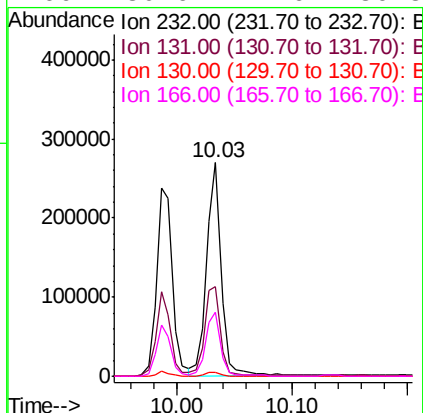
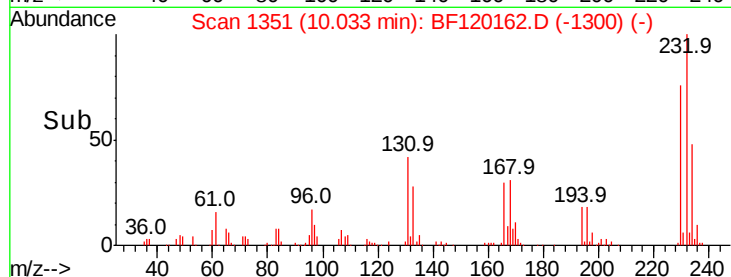
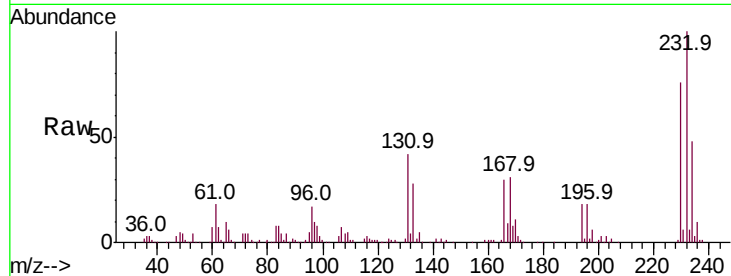
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.632 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	239067		
131	45.4		37.5	56.3
130	2.2		1.8	2.6
166	30.6		24.6	36.8

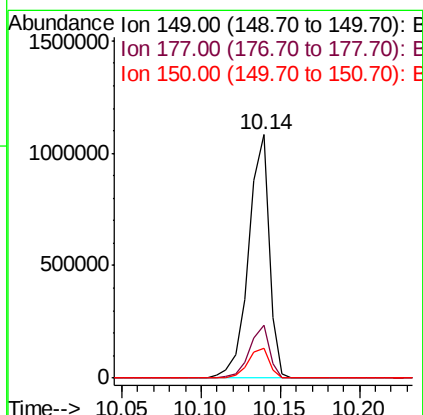
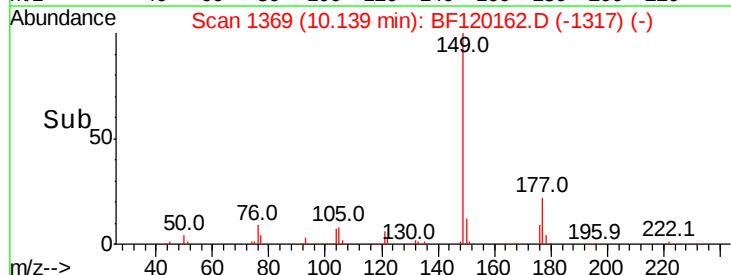
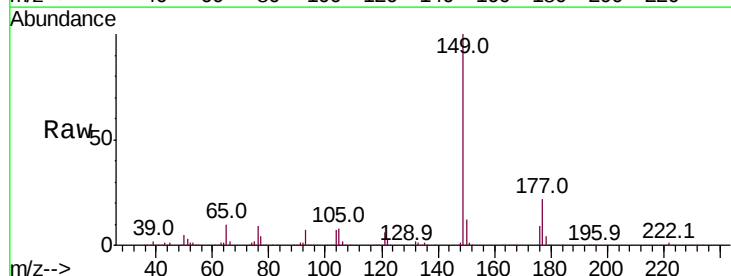
Manual Integrations
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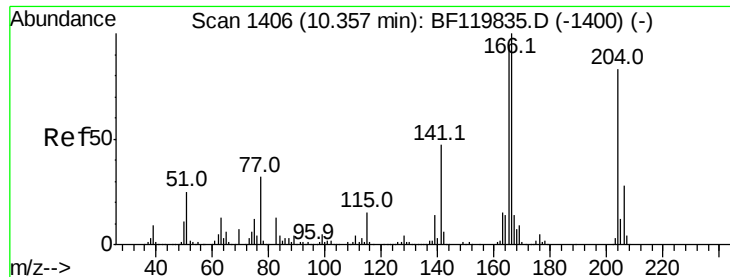
mohammad
4/24/2020 1:34:02 PM



#60
Diethylphthalate
Concen: 41.597 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	972532		
177	21.8		17.0	25.6
150	12.2		10.1	15.1





#61

4-Chlorophenyl-phenylether

Concen: 40.211 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

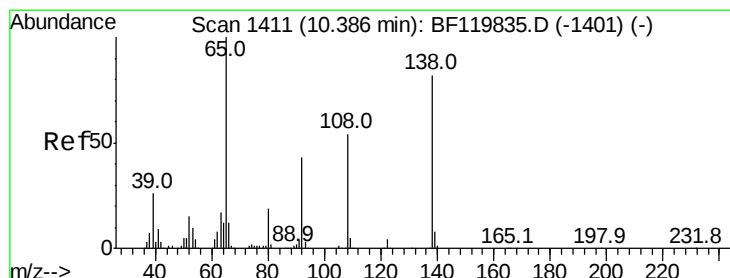
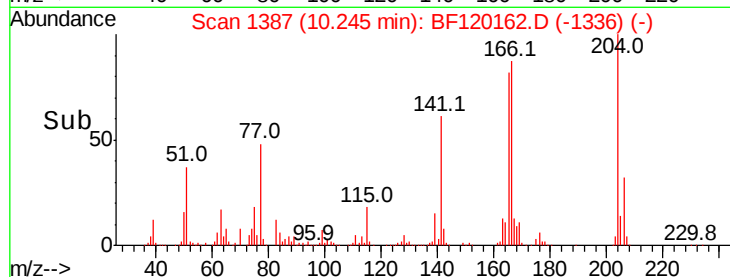
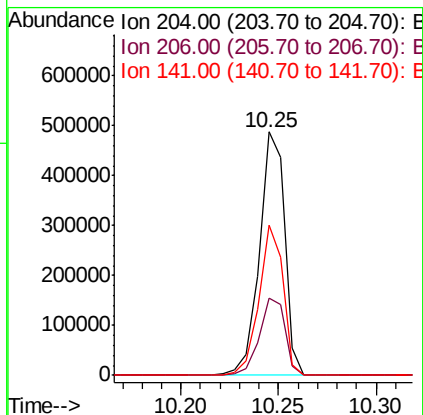
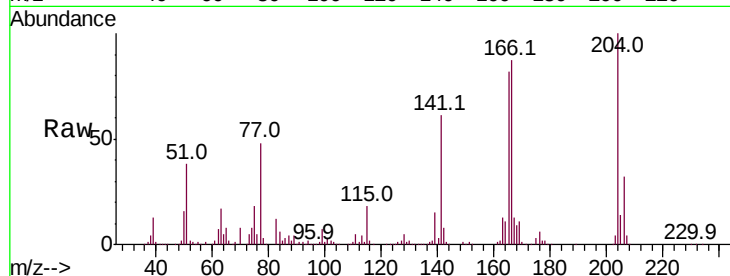
ClientSampleId :

PB128439BS

Tot Ion:	204	Resp:	435111
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.7	40.1
141	61.5	47.3	70.9

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#62

4-Nitroaniline

Concen: 42.724 ng

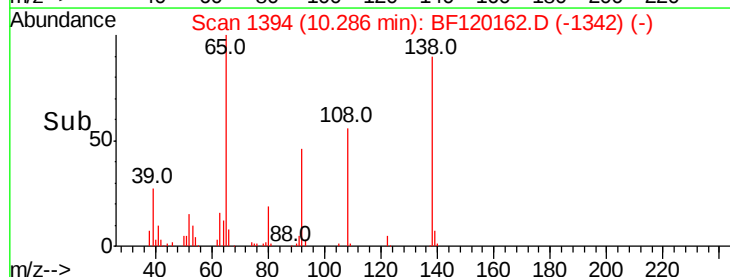
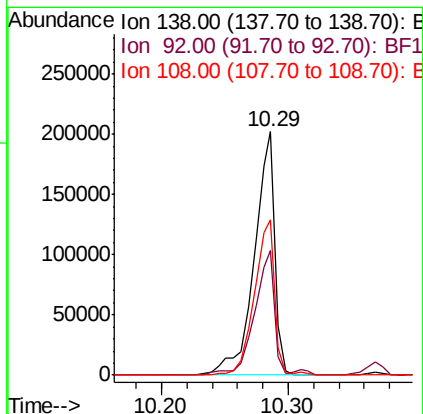
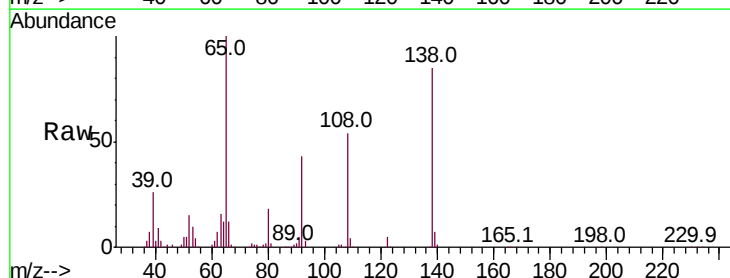
RT: 10.29 min Scan# 1394

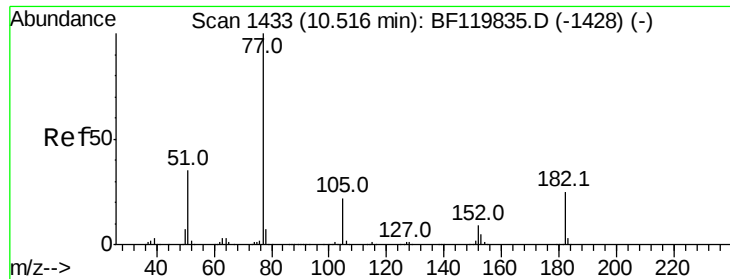
Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	138	Resp:	229709
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.5	71.5
108	63.7	45.8	85.8





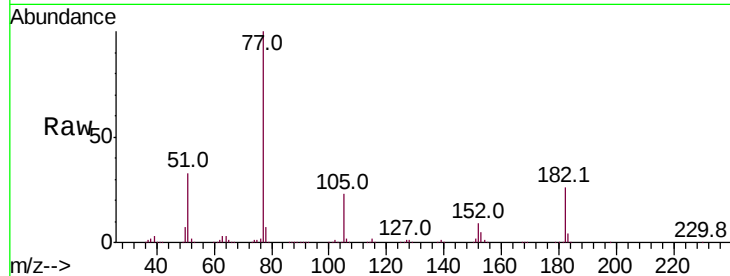
#63
Azobenzene
Concen: 44.175 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

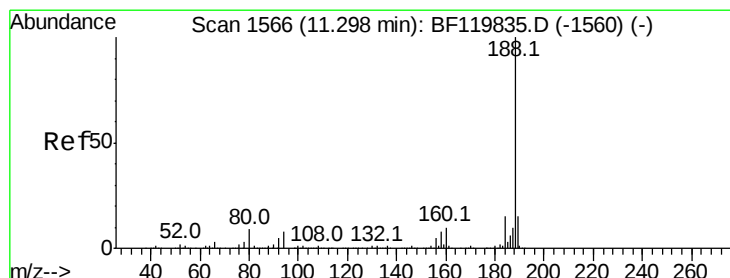
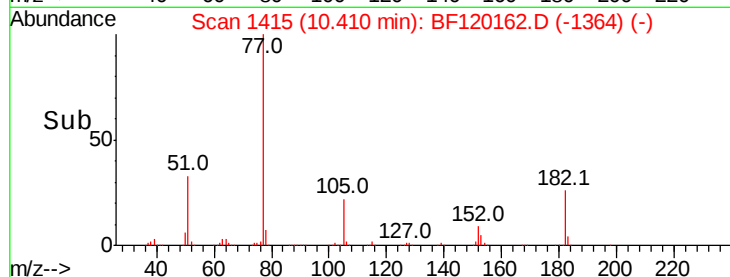
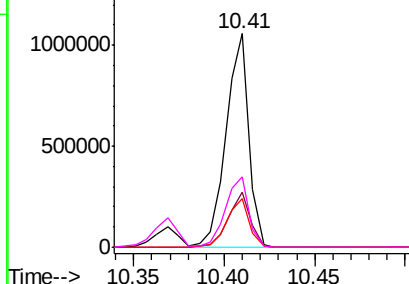
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.4	44.4
105	22.6	2.6	42.6
51	33.2	15.1	55.1

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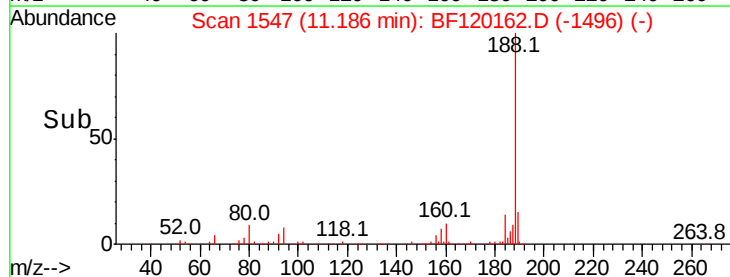
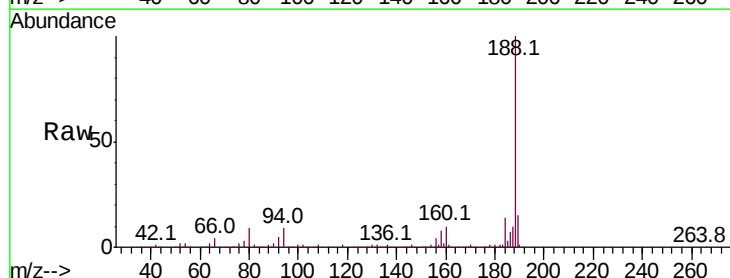
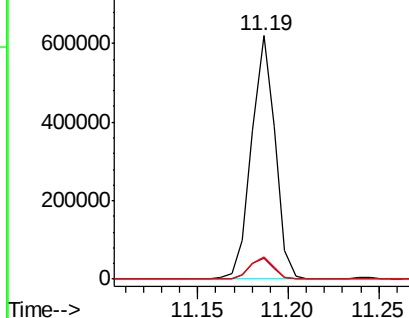
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

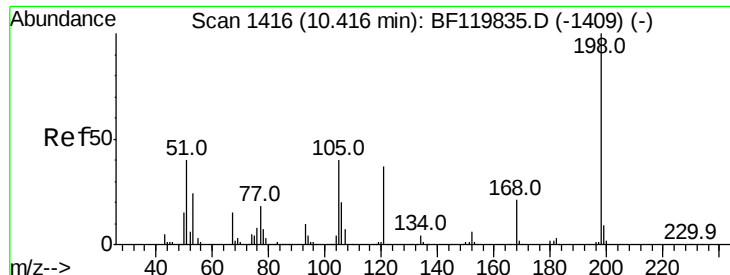


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.5	11.3
80	8.9	9.0	13.4#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





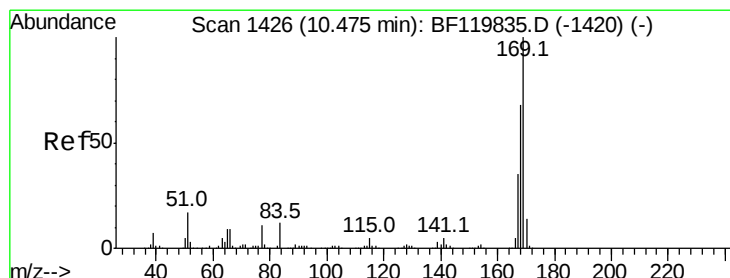
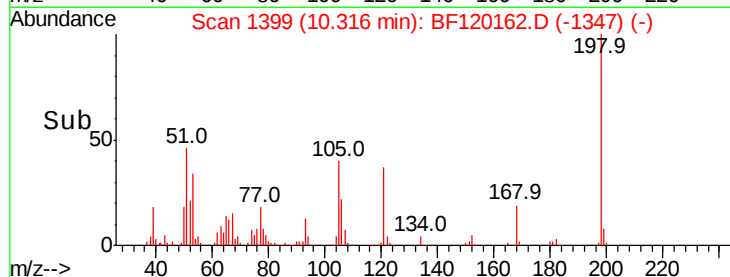
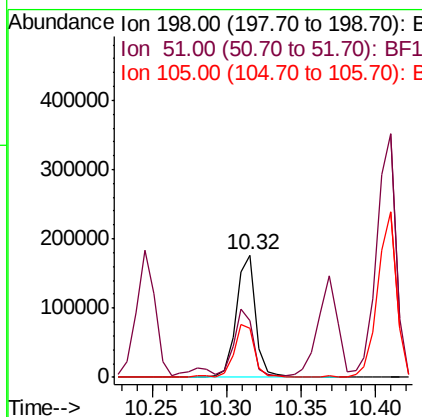
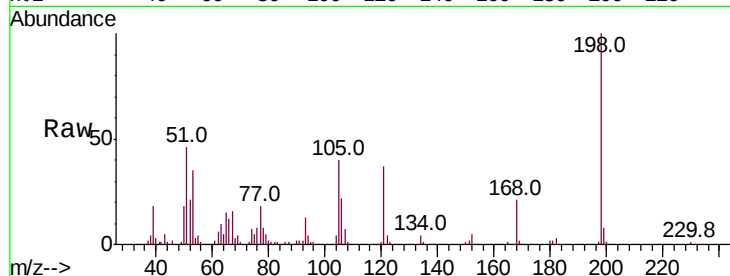
#65
4,6-Dinitro-2-methylphenol
Concen: 44.142 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	162807		
51	46.0	29.0	69.0	
105	39.9	22.2	62.2	

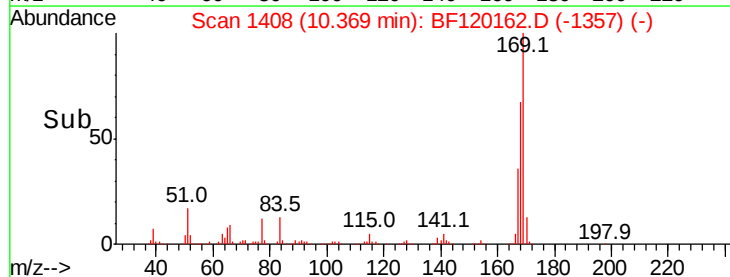
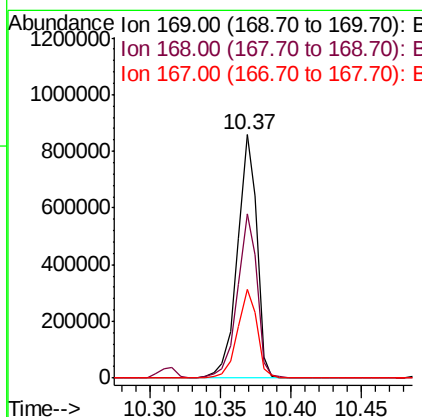
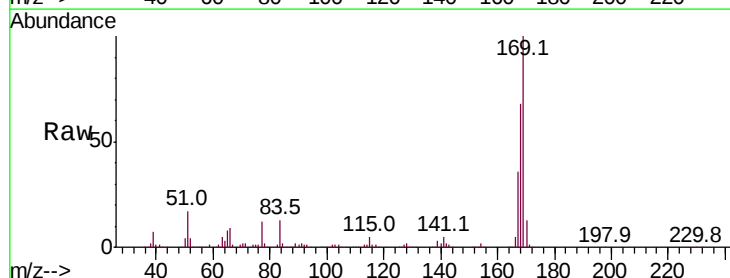
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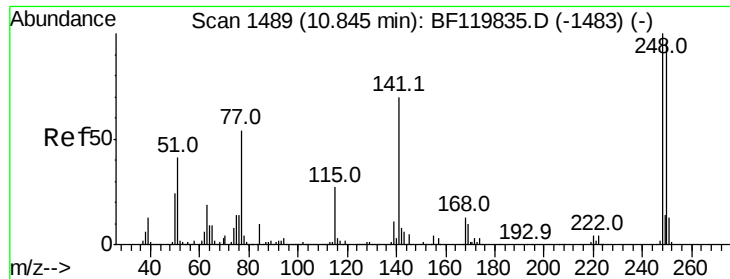
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.893 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	817224		
168	67.6	53.2	79.8	
167	36.5	29.1	43.7	





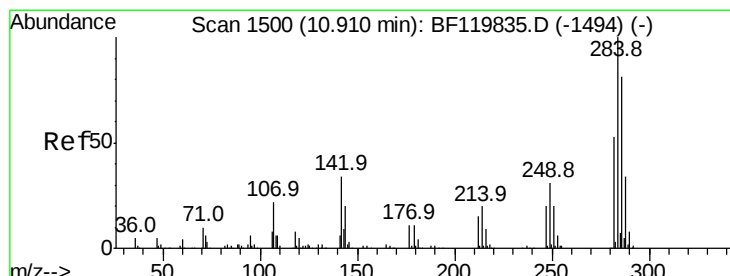
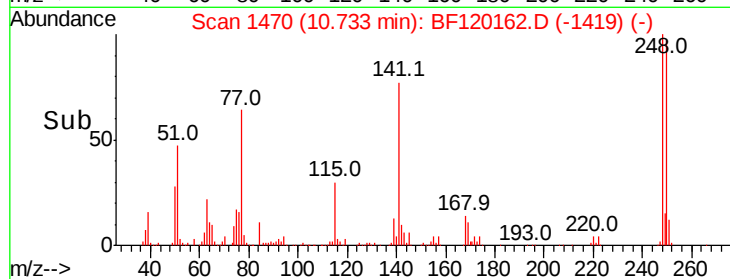
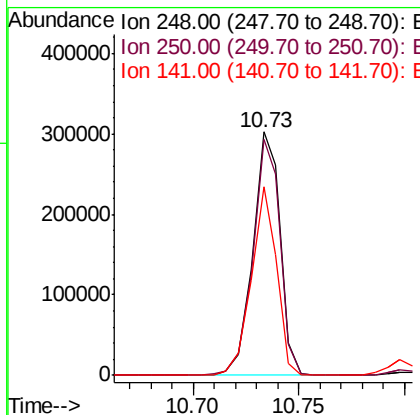
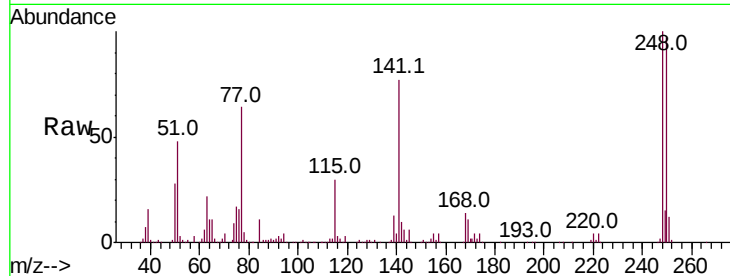
#67
4-Bromophenyl-phenylether
Concen: 39.023 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.3	115.9
141	77.3	58.6	87.8

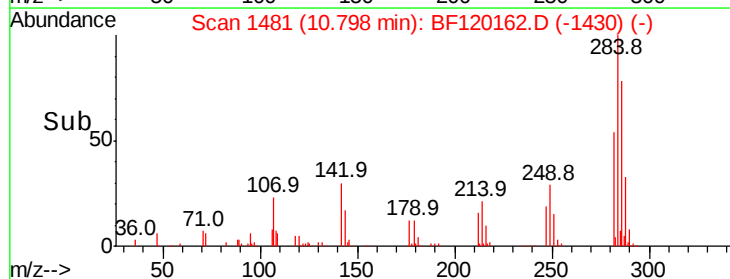
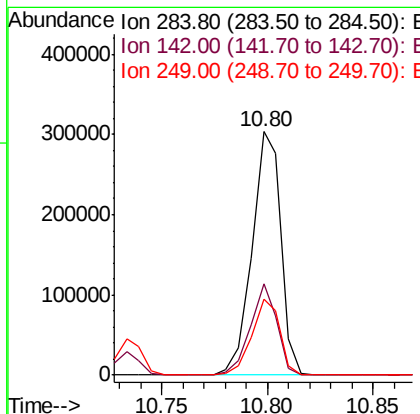
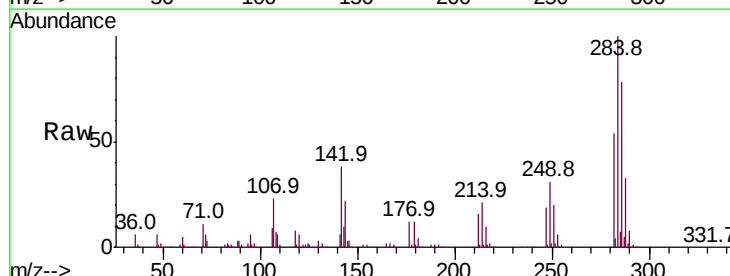
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#68
Hexachlorobenzene
Concen: 40.866 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.2	43.8
249	31.3	25.1	37.7





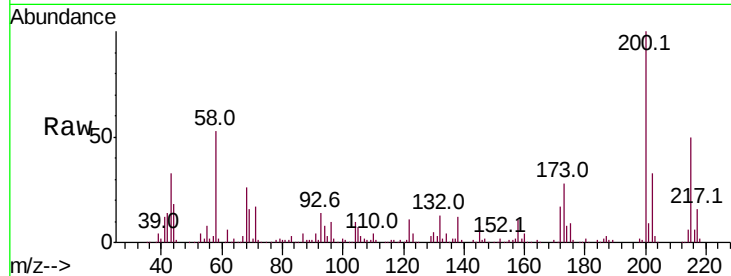
#69
Atrazine
Concen: 48.279 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

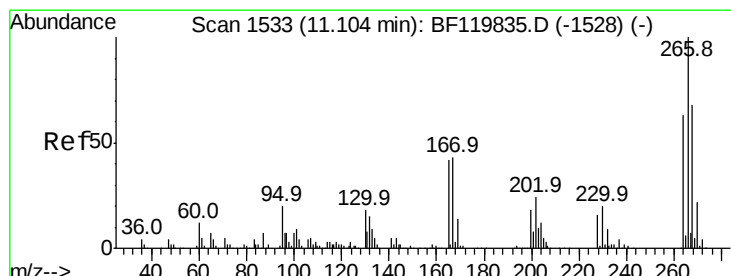
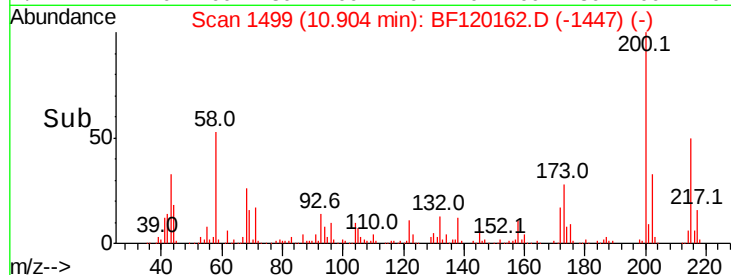
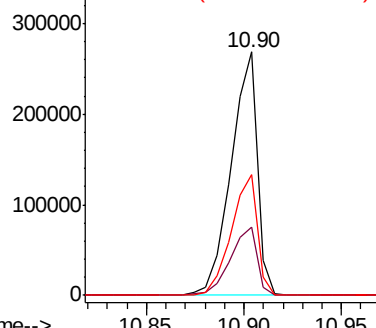
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	9.3	49.3
215	49.8	29.5	69.5

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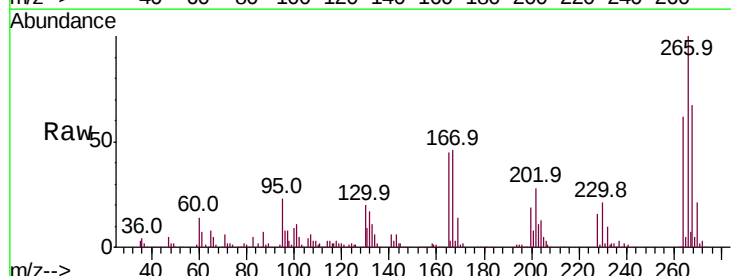


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

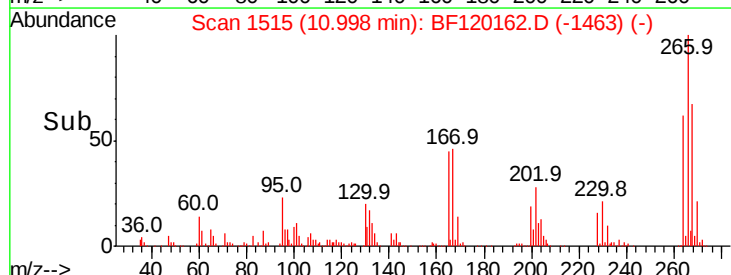
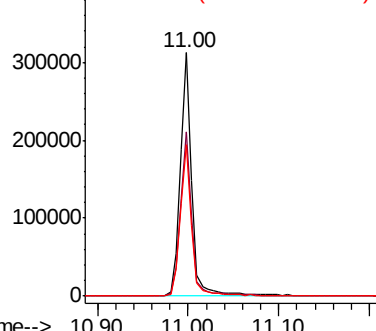


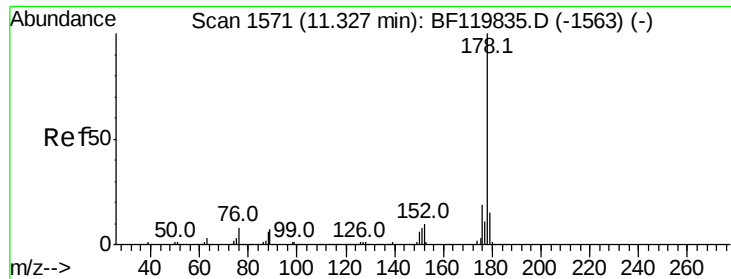
#70
Pentachlorophenol
Concen: 69.948 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.3	53.3	79.9
264	62.1	49.0	73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





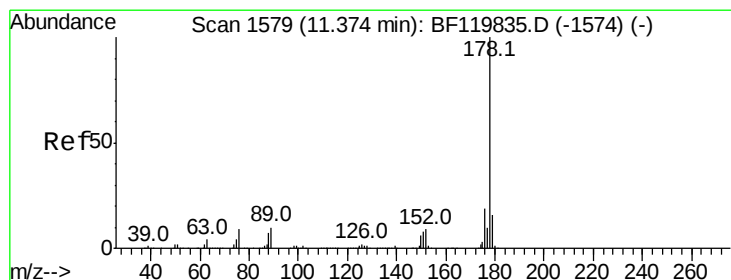
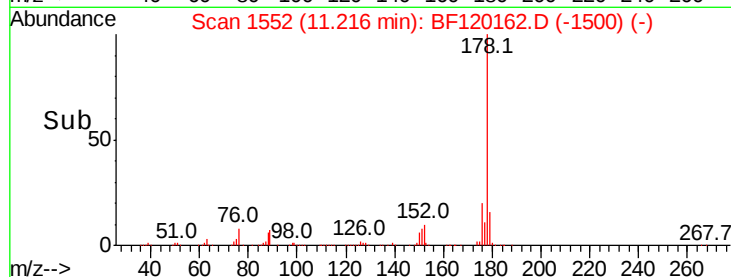
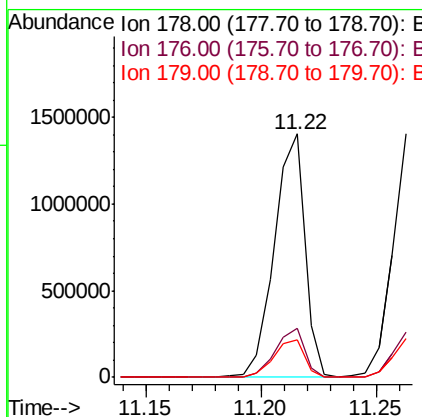
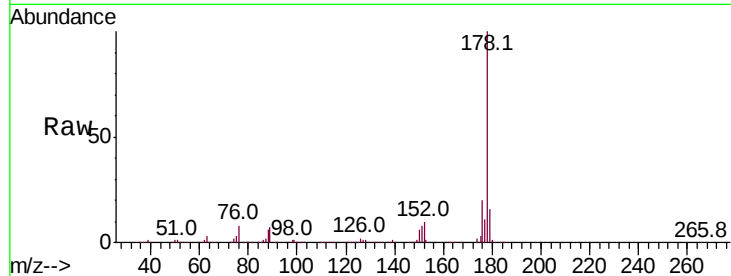
#71
Phenanthrene
Concen: 43.352 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:178 Resp: 1291675
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.6 13.2 19.8

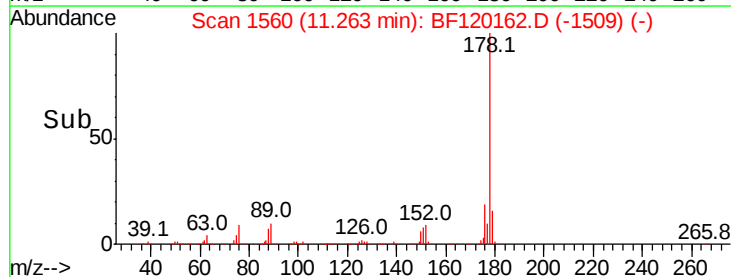
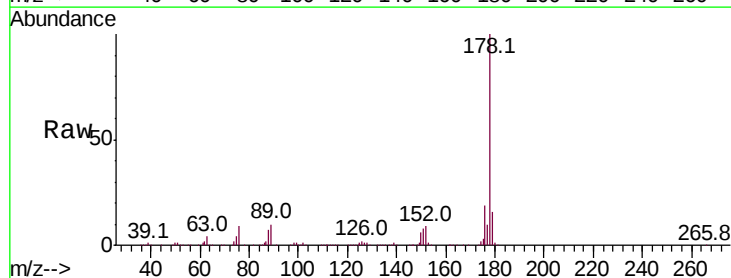
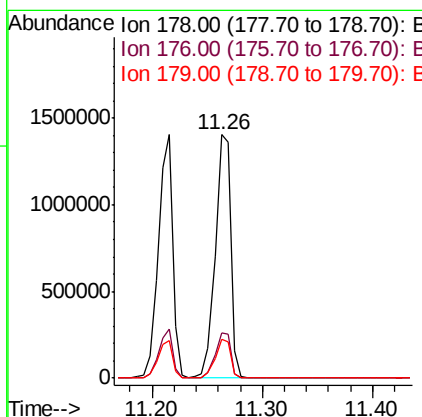
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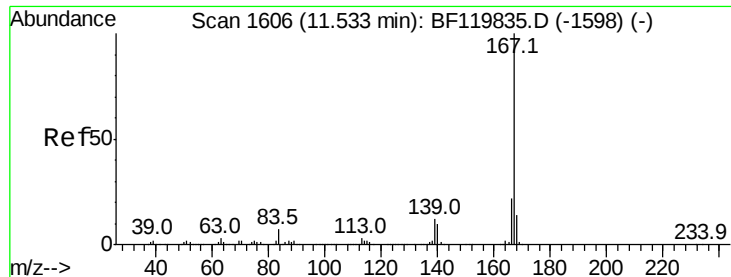
mohammad
4/24/2020 1:34:02 PM



#72
Anthracene
Concen: 44.726 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:178 Resp: 1361332
Ion Ratio Lower Upper
178 100
176 18.5 16.1 24.1
179 15.8 13.0 19.4





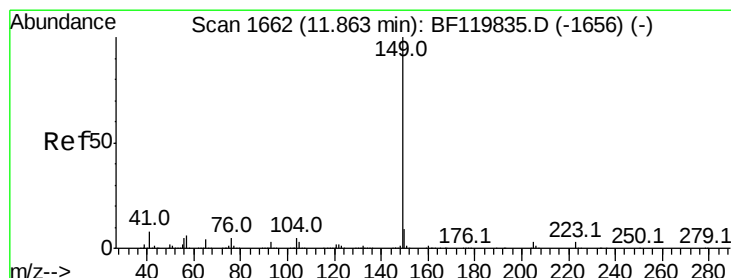
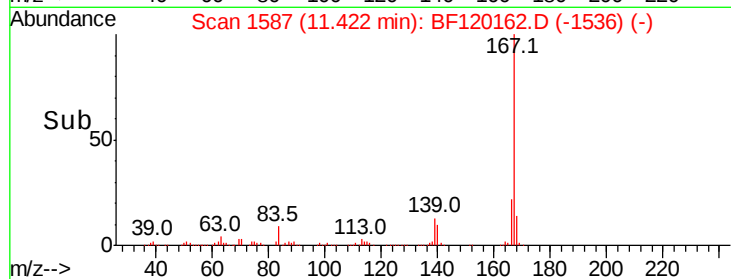
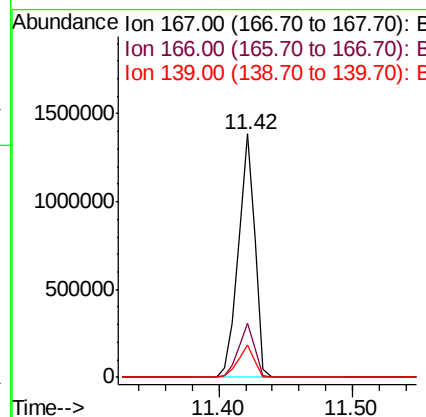
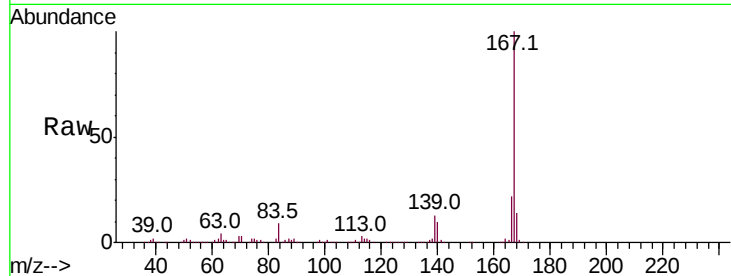
#73
 Carbazole
 Concen: 42.104 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	13.1	10.7	16.1

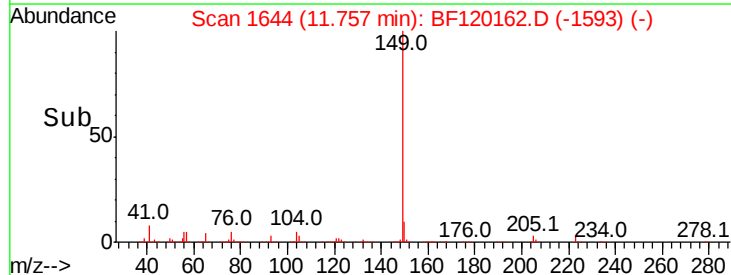
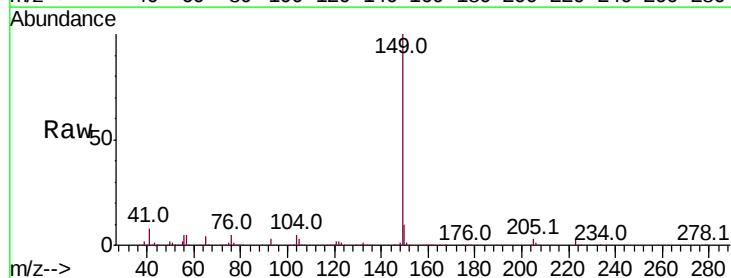
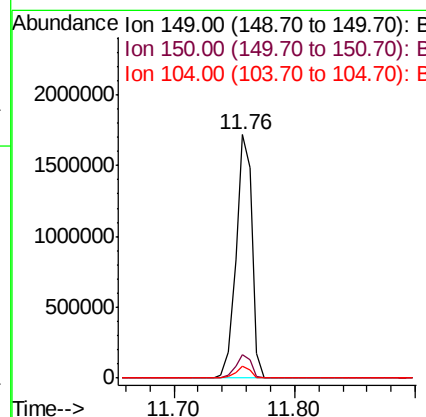
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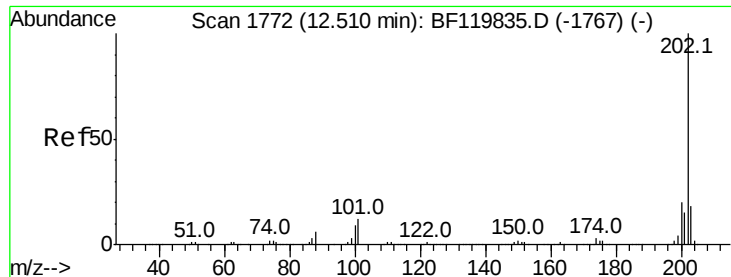
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.323 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.8	3.6	5.4





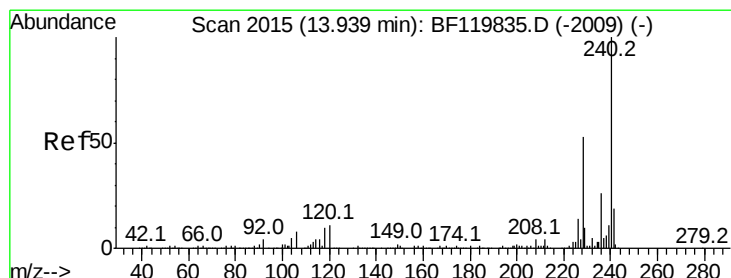
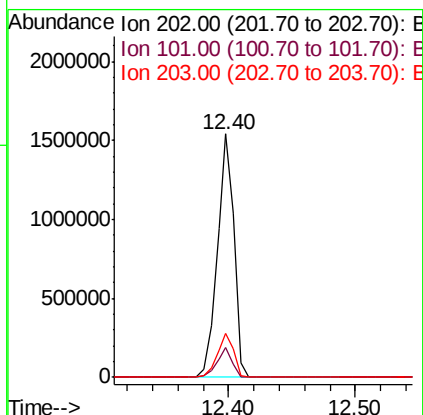
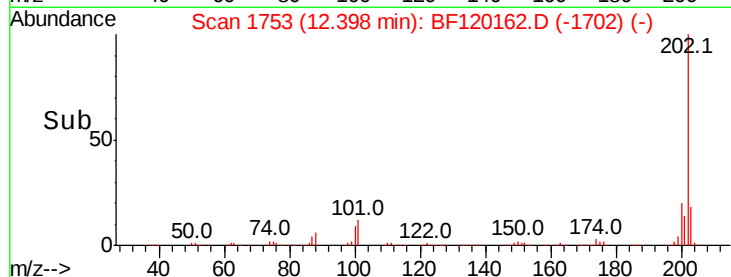
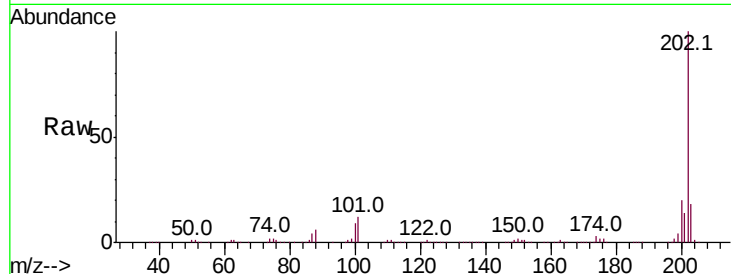
#75
 Fluoranthene
 Concen: 43.999 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.2
203	18.2	0.0	38.8

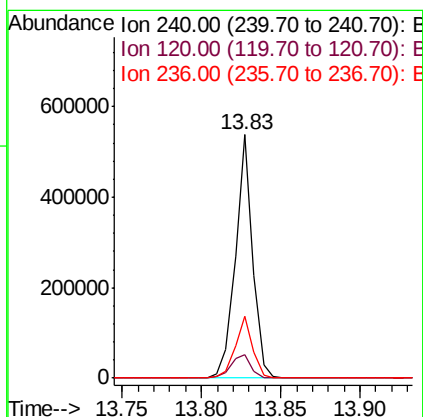
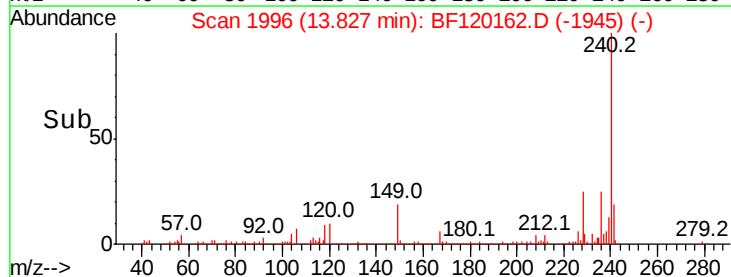
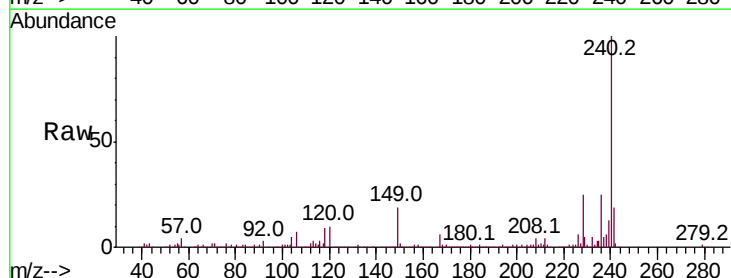
Manual Integrations
 APPROVED

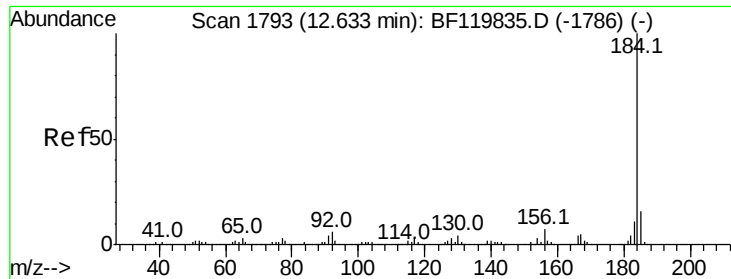
mohammad
 4/24/2020 1:34:02 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120162.D
 Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.6	15.8#
236	25.3	20.2	30.2





#77

Benzidine

Concen: 57.857 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

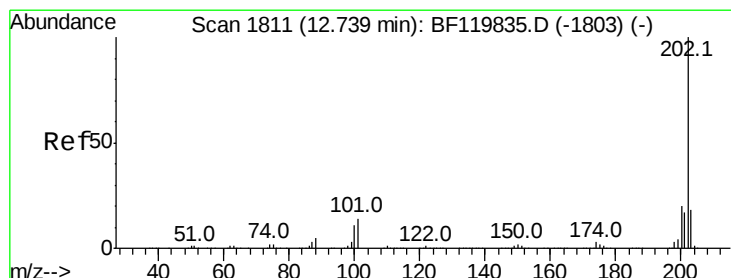
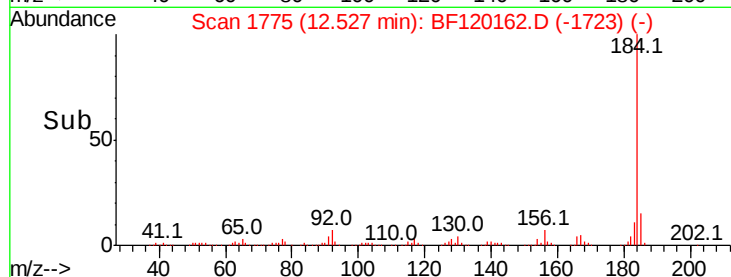
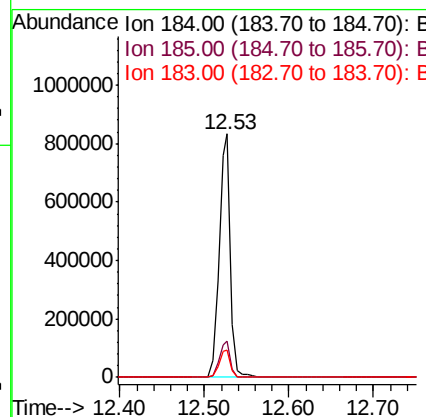
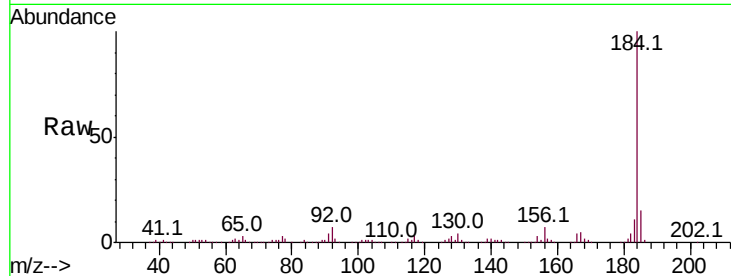
ClientSampleId :

PB128439BS

Tot Ion:	184	Resp:	790127
Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.3	18.5
183	11.2	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 41.454 ng

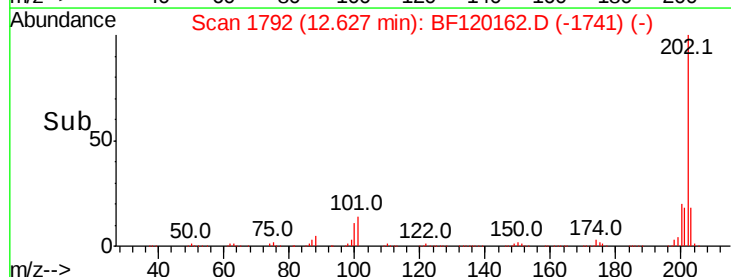
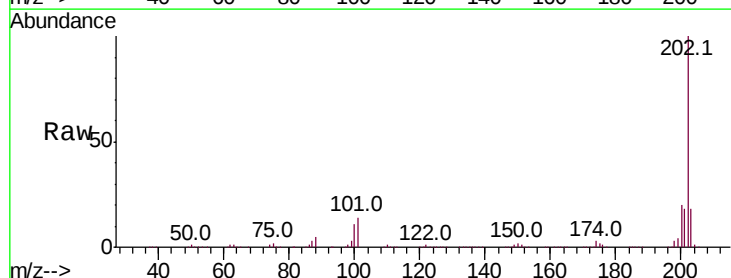
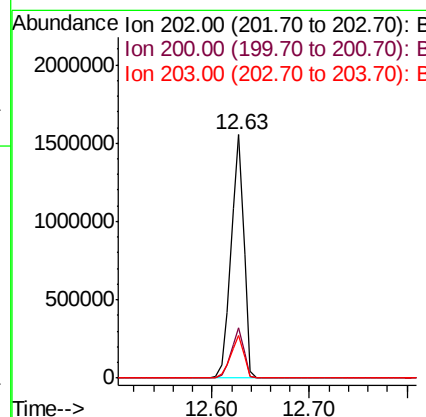
RT: 12.63 min Scan# 1792

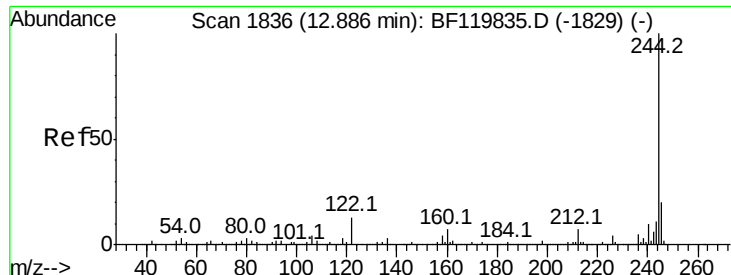
Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	202	Resp:	1411866
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.7	15.1	22.7





#79

Terphenyl-d14

Concen: 77.367 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

ClientSampleId :

PB128439BS

Tot Ion:244 Resp: 1857602

Ion Ratio Lower Upper

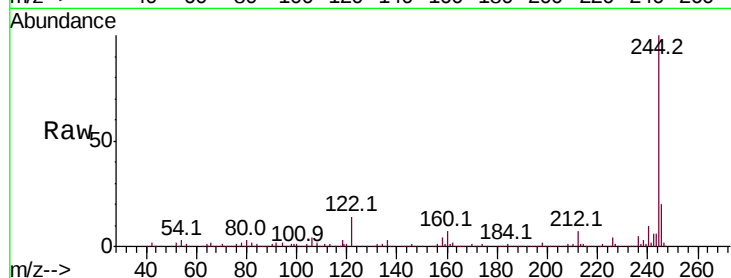
244 100

212 7.1 5.8 8.8

122 13.7 10.3 15.5

Manual Integrations
APPROVED

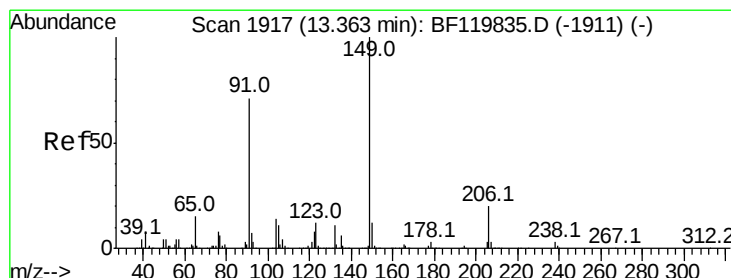
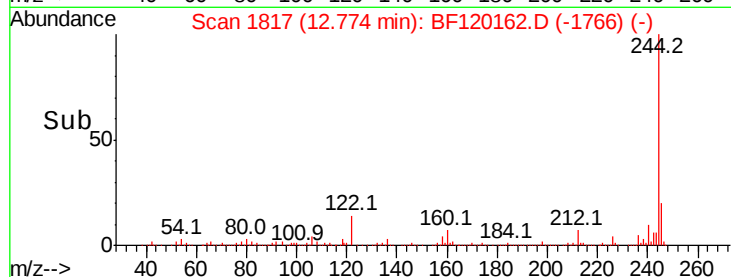
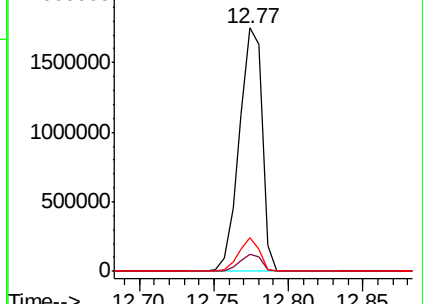
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.836 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

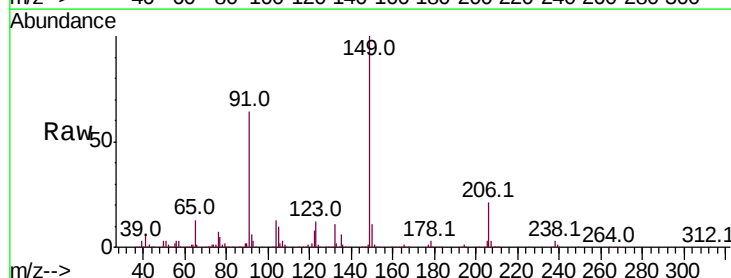
Tgt Ion:149 Resp: 658355

Ion Ratio Lower Upper

149 100

91 64.0 54.7 82.1

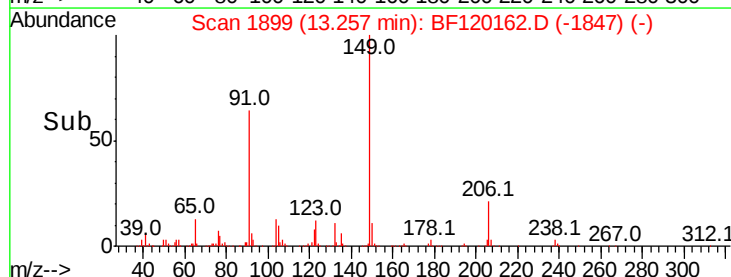
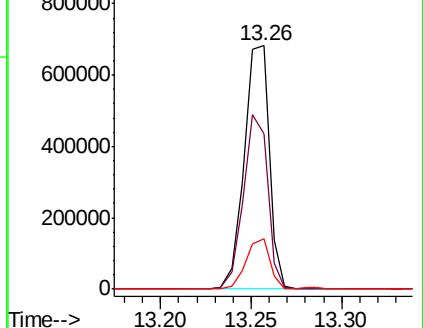
206 20.6 16.2 24.2

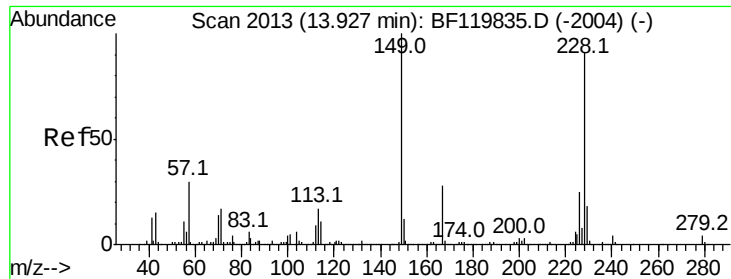


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





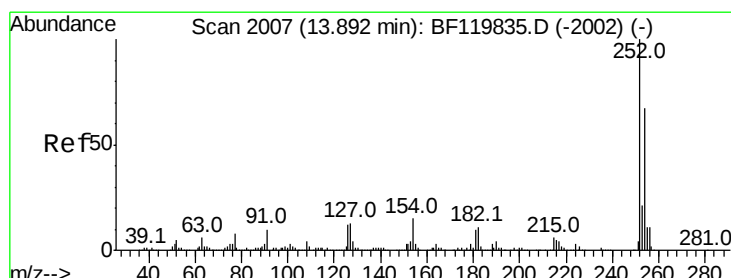
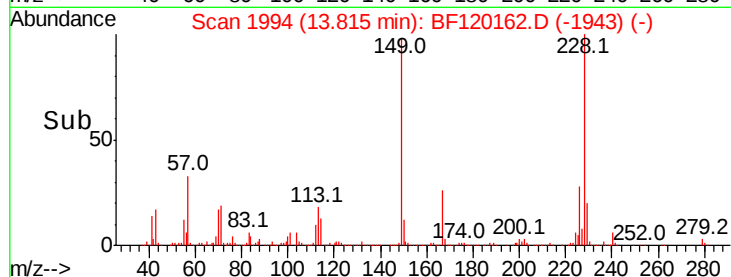
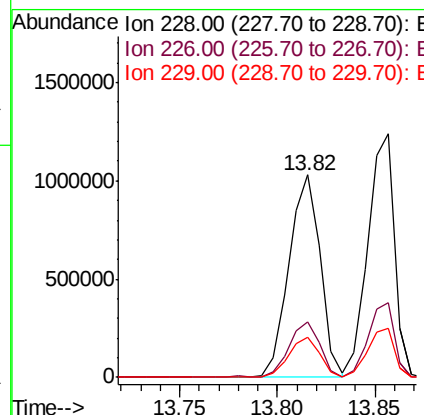
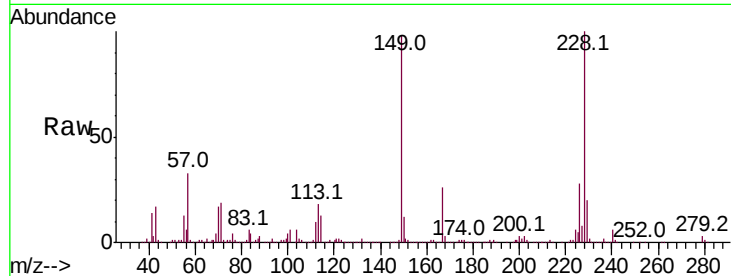
#81
Benzo(a)anthracene
Concen: 42.910 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.8	16.2	24.4

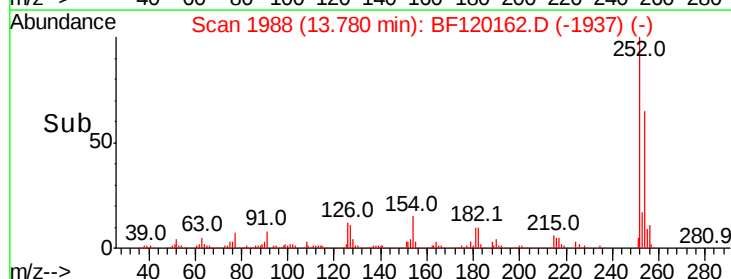
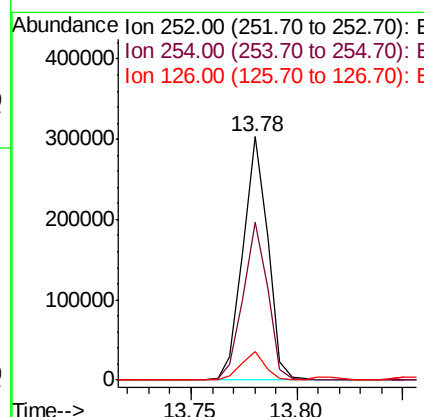
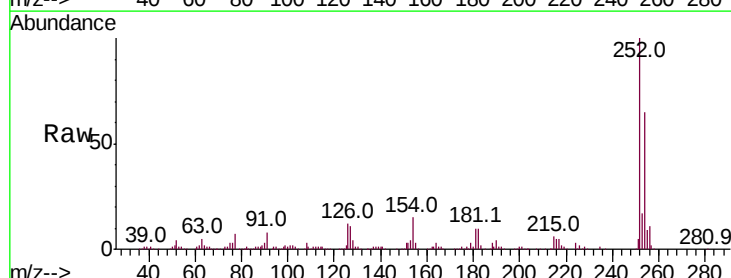
Manual Integrations
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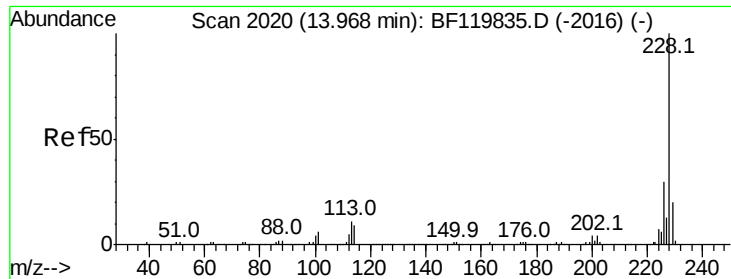
mohammad
4/24/2020 1:34:02 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.829 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	11.7	9.6	14.4





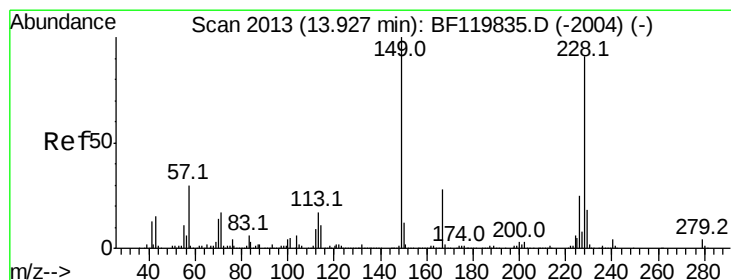
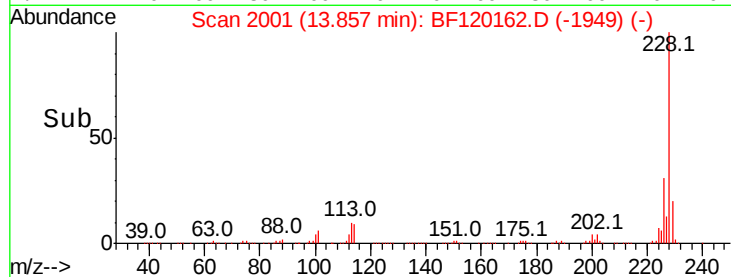
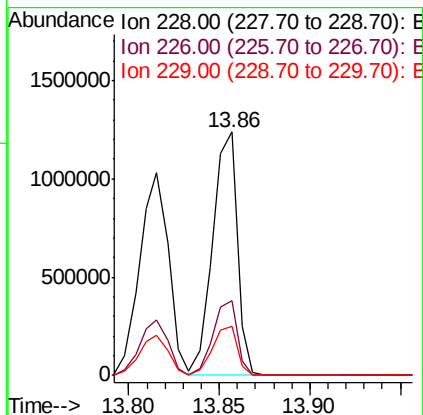
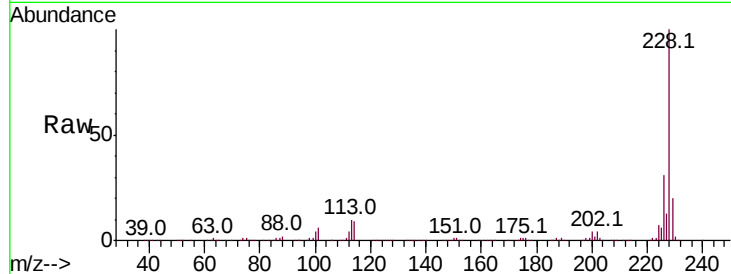
#83
Chrysene
Concen: 43.174 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion:228 Resp: 1165948
Ion Ratio Lower Upper
228 100
226 30.6 25.4 38.0
229 20.0 16.6 24.8

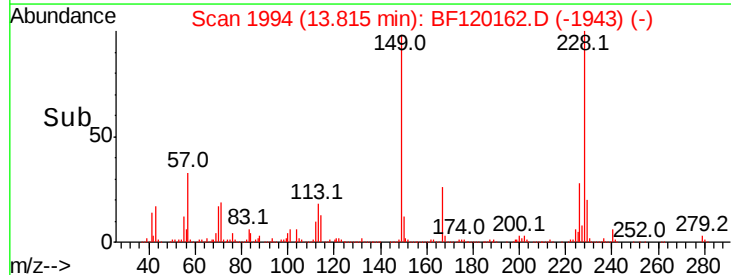
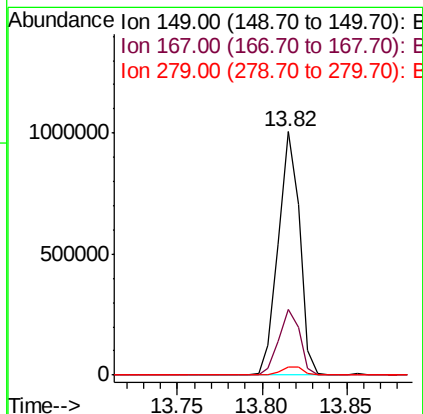
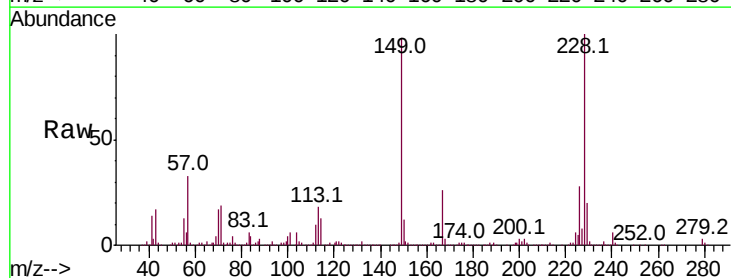
Manual Integrations
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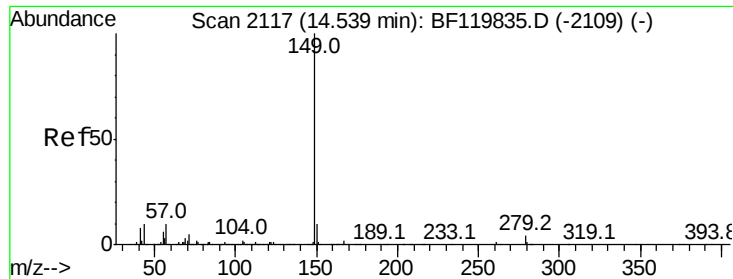
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.342 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion:149 Resp: 880475
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.300 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

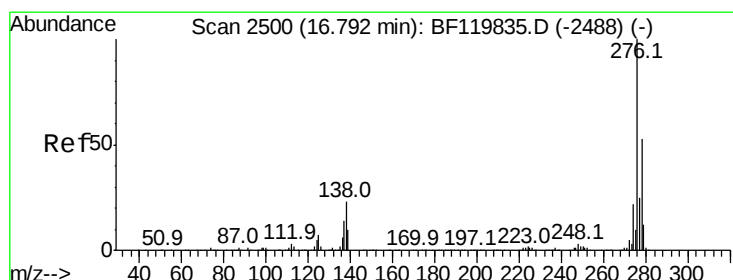
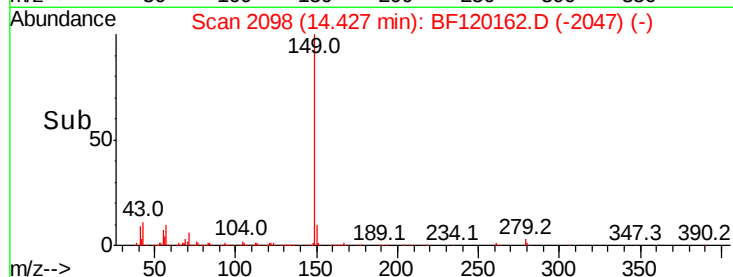
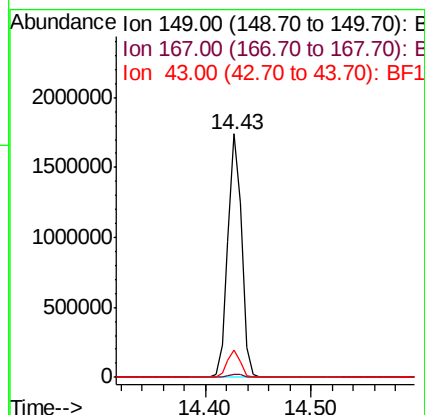
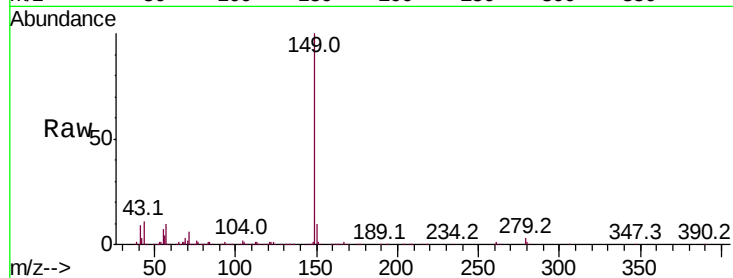
ClientSampleId :

PB128439BS

Tot Ion:	149	Resp:	1573787
Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.8	9.3	13.9

Manual Integrations
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mohammad
4/24/2020 1:34:02 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.112 ng

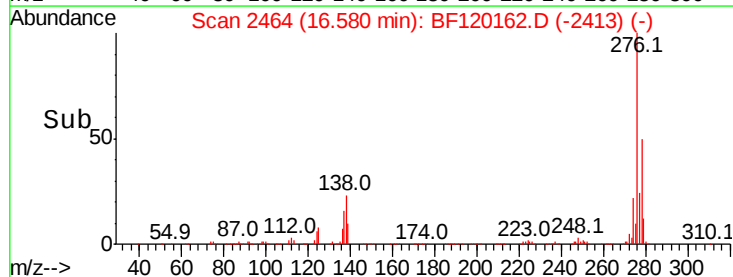
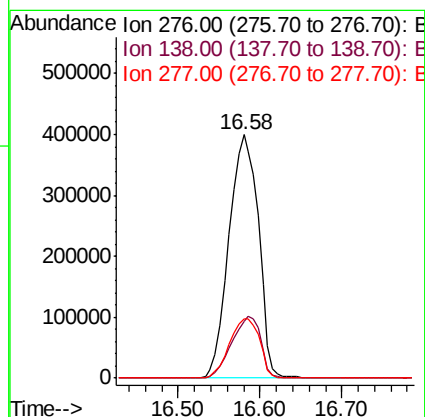
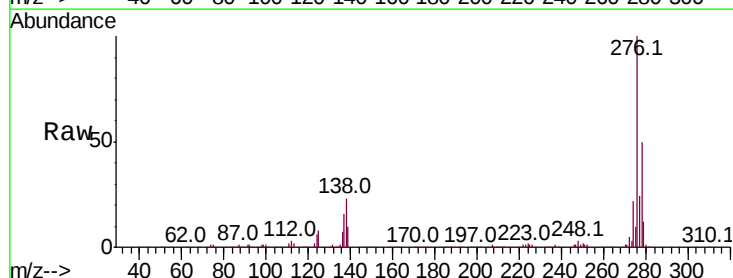
RT: 16.58 min Scan# 2464

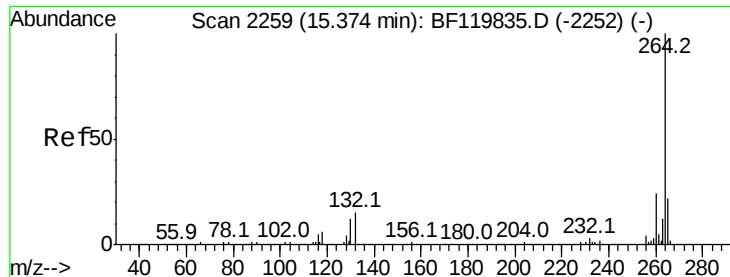
Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	276	Resp:	1002487
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	25.1	20.0	30.0





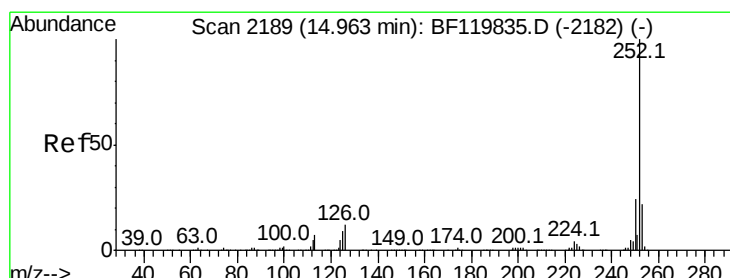
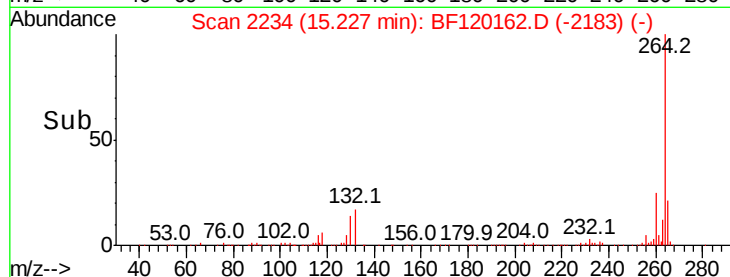
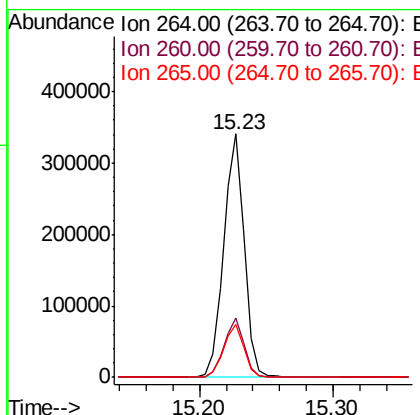
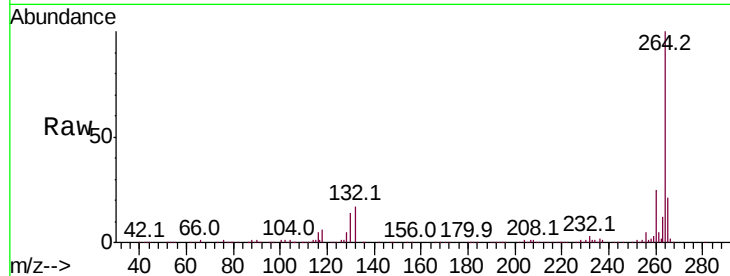
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.5	17.7	26.5

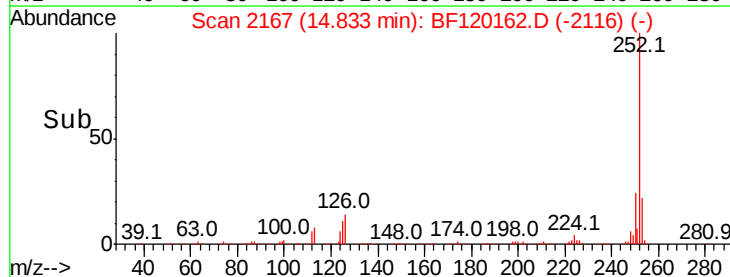
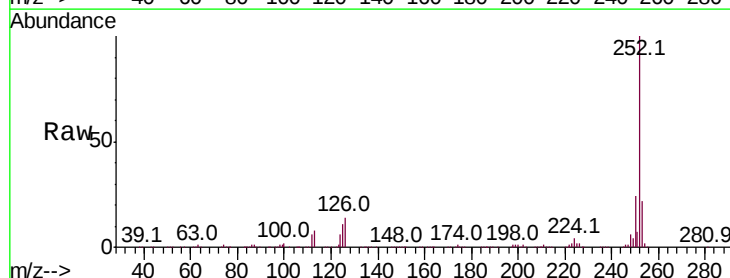
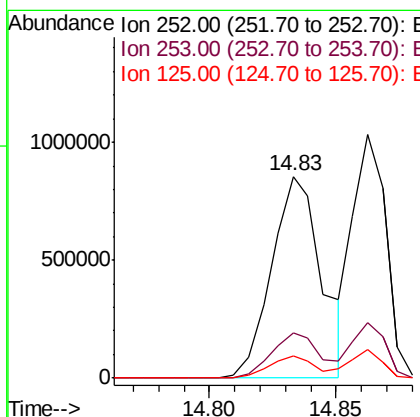
Manual Integrations
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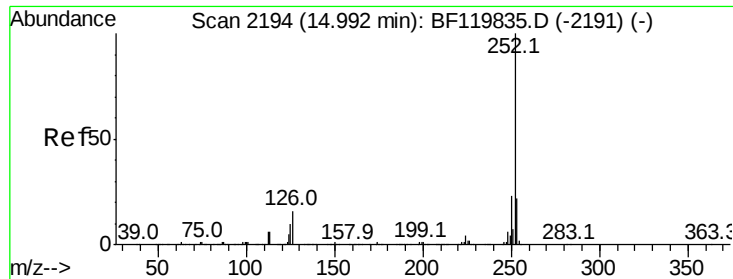
mohammad
4/24/2020 1:34:02 PM



#88
Benzo(b)fluoranthene
Concen: 44.256 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 41.207 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Instrument :

BNA_F

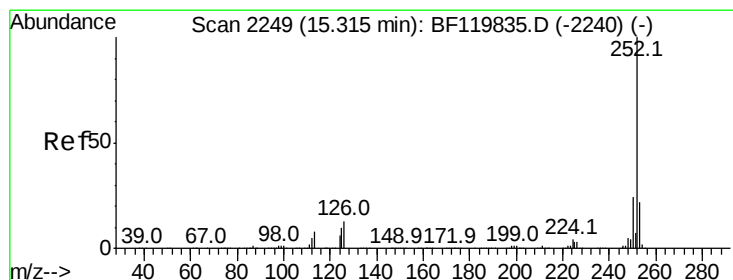
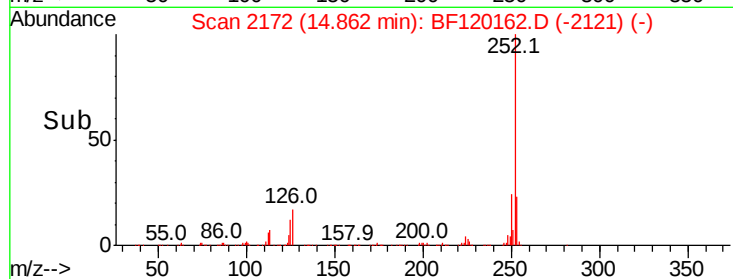
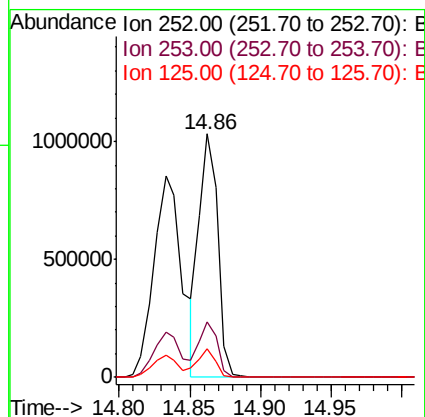
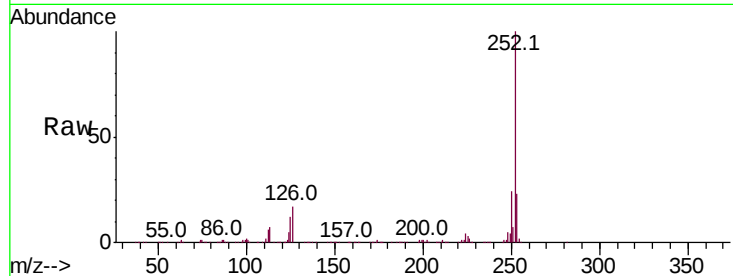
ClientSampleId :

PB128439BS

Tot Ion:	252	Resp:	947244
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	11.8	8.4	12.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 43.037 ng

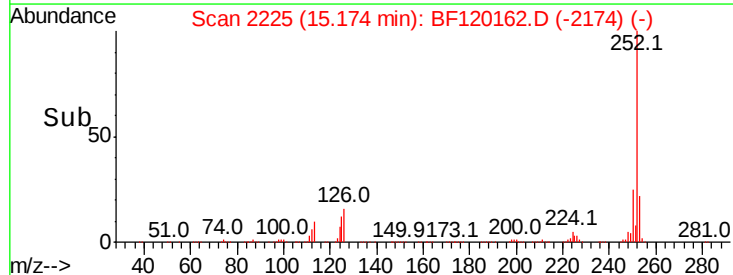
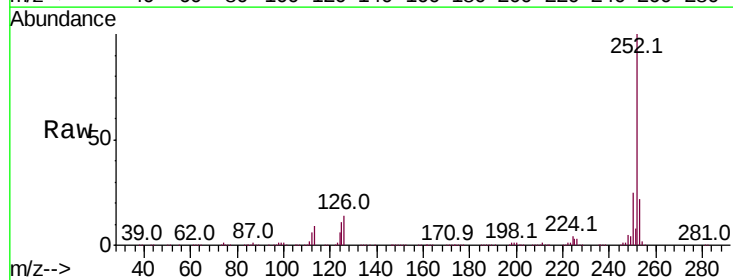
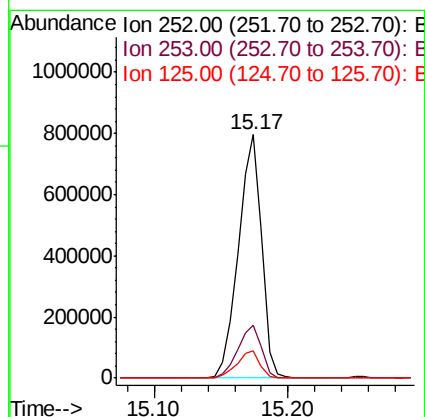
RT: 15.17 min Scan# 2225

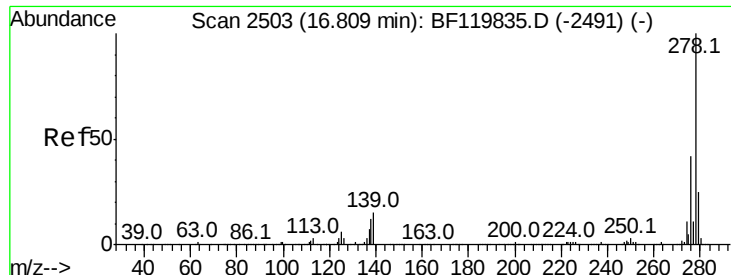
Delta R.T. -0.00 min

Lab File: BF120162.D

Acq: 23 Apr 2020 14:43

Tgt Ion:	252	Resp:	964074
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	11.1	9.4	14.2





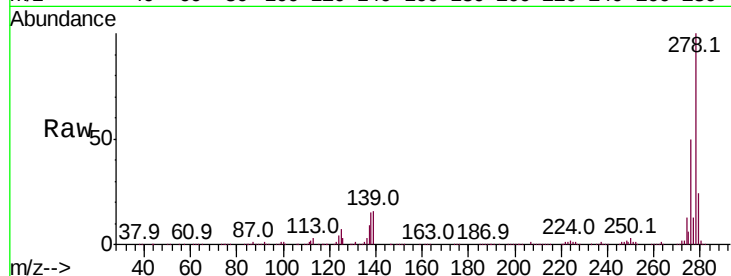
#91
Dibenzo(a,h)anthracene
Concen: 41.874 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Instrument :
BNA_F
ClientSampleId :
PB128439BS

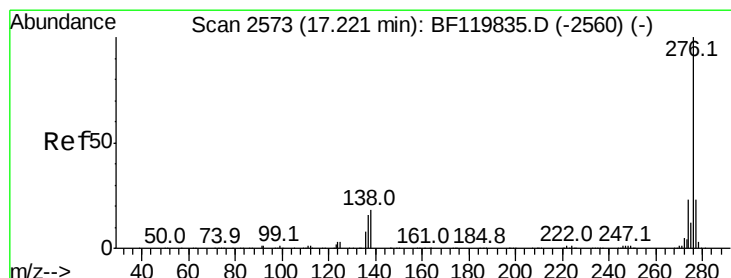
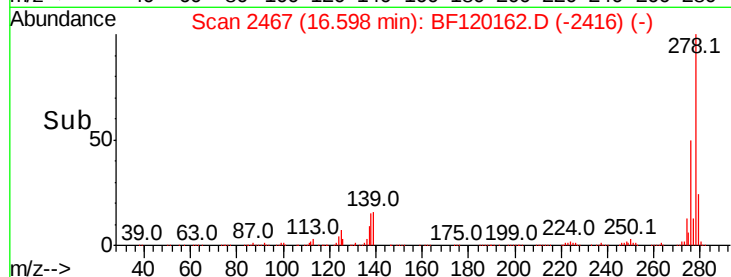
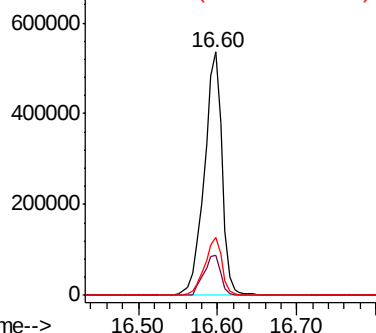
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	19.0
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 1:34:02 PM



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



#92
Benzo(g,h,i)perylene
Concen: 40.745 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120162.D
Acq: 23 Apr 2020 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	22.0	15.4	23.0

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

