

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121815.D
 Acq On : 5 Oct 2020 13:12
 Operator : JU/CG
 Sample : L4200-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Manual Integrations
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mohammad
 10/7/2020 10:35:54 AM

Quant Time: Oct 05 14:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107303	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	417707	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	219695	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	424856	20.00	ng	0.00
76) Chrysene-d12	13.93	240	355150	20.00	ng	0.00
86) Perylene-d12	15.36	264	324199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	804753	111.46	ng	0.01
7) Phenol-d6	6.42	99	942445	99.49	ng	0.00
23) Nitrobenzene-d5	7.33	82	760676	97.78	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	362620	132.80	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1335764	92.08	ng	0.00
79) Terphenyl-d14	12.87	244	1571055	89.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	122803	37.021	ng	# 83
3) Pyridine	3.31	79	285995	31.187	ng	99
4) n-Nitrosodimethylamine	3.23	42	176948	41.600	ng	98
6) Aniline	6.43	93	216164	17.521	ng	# 63
8) 2-Chlorophenol	6.56	128	342335	46.568	ng	95
9) Benzaldehyde	6.32	77	35595	5.748	ng	96
10) Phenol	6.43	94	375447	37.220	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	357685	47.048	ng	97
12) 1,3-Dichlorobenzene	6.70	146	344738	42.014	ng	99
13) 1,4-Dichlorobenzene	6.78	146	350359	42.525	ng	99
14) 1,2-Dichlorobenzene	6.93	146	334066	44.015	ng	98
15) Benzyl Alcohol	6.92	79	311733	48.417	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539137	44.069	ng	92
17) 2-Methylphenol	7.03	107	274718	43.920	ng	95
18) Hexachloroethane	7.27	117	127356	43.171	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	247969	45.421	ng	97
20) 3+4-Methylphenols	7.19	107	333764	44.412	ng	# 77
22) Acetophenone	7.18	105	467804	44.141	ng	94
24) Nitrobenzene	7.35	77	381314	45.318	ng	99
25) Isophorone	7.59	82	692903	44.245	ng	100
26) 2-Nitrophenol	7.67	139	182269	46.120	ng	99
27) 2,4-Dimethylphenol	7.71	122	304464	43.553	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	443180	45.712	ng	99
29) 2,4-Dichlorophenol	7.92	162	290070	45.558	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	292830	43.669	ng	99
31) Naphthalene	8.07	128	974730	44.205	ng	99
32) Benzoic acid	7.86	122	170464	34.896	ng	99
33) 4-Chloroaniline	8.12	127	147814	15.465	ng	97
34) Hexachlorobutadiene	8.19	225	175165	44.503	ng	100
35) Caprolactam	8.50	113	77642m	36.618	ng	
36) 4-Chloro-3-methylphenol	8.62	107	314757	45.890	ng	100
37) 2-Methylnaphthalene	8.76	142	645902	44.698	ng	98
38) 1-Methylnaphthalene	8.86	142	602840	44.826	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	306641	44.683	ng	100

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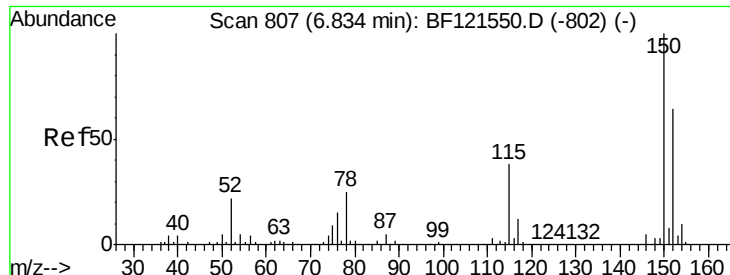
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	200090	51.056	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	209917	44.877	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	223611	45.220	nq	98
46) 1,1'-Biphenyl	9.23	154	787426	44.771	nq	98
47) 2-Chloronaphthalene	9.25	162	615273	44.393	nq	98
48) 2-Nitroaniline	9.35	65	212306	49.294	nq	99
49) Acenaphthylene	9.66	152	960040	45.082	nq	99
50) Dimethylphthalate	9.53	163	777407	48.822	nq	100
51) 2,6-Dinitrotoluene	9.59	165	167955	49.528	nq	96
52) Acenaphthene	9.83	154	567035	42.158	nq	100
53) 3-Nitroaniline	9.76	138	107674	27.409	nq	95
54) 2,4-Dinitrophenol	9.88	184	171254	86.703	nq	95
55) Dibenzofuran	10.01	168	845551	44.640	nq	100
56) 4-Nitrophenol	9.95	139	219336	70.011	nq	94
57) 2,4-Dinitrotoluene	10.00	165	217219	50.916	nq	94
58) Fluorene	10.35	166	676364	46.694	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	188194	46.813	nq	97
60) Diethylphthalate	10.23	149	742726	47.841	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	324022	46.697	nq	95
62) 4-Nitroaniline	10.38	138	169687	43.504	nq	99
63) Azobenzene	10.50	77	754000	45.607	nq	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	126121	48.323	nq	91
66) n-Nitrosodiphenylamine	10.46	169	644754	44.234	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	219276	45.331	nq	94
68) Hexachlorobenzene	10.90	284	245320	44.940	nq	100
69) Atrazine	10.99	200	159046	43.920	nq	99
70) Pentachlorophenol	11.10	266	236283	78.815	nq	98
71) Phenanthrene	11.31	178	1027210	44.376	nq	99
72) Anthracene	11.36	178	1060826	44.409	nq	100
73) Carbazole	11.52	167	961322	44.596	nq	99
74) Di-n-butylphthalate	11.84	149	1196617	48.096	nq	100
75) Fluoranthene	12.50	202	1134333	45.905	nq	100
77) Benzidine	12.62	184	52126	4.427	nq	99
78) Pyrene	12.73	202	1160106	44.708	nq	100
80) Butylbenzylphthalate	13.34	149	533941	50.879	nq	98
81) Benzo(a)anthracene	13.92	228	1030079	45.845	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	278980	31.804	nq	99
83) Chrysene	13.96	228	1025690	45.081	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	740352	52.808	nq	99
85) Di-n-octyl phthalate	14.52	149	1292947	52.258	nq	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	1001331	47.428	nq	100
88) Benzo(b)fluoranthene	14.95	252	1091067	50.342	nq	99
89) Benzo(k)fluoranthene	14.98	252	881459	44.413	nq	99
90) Benzo(a)pyrene	15.30	252	868341	47.134	nq	98
91) Dibenzo(a,h)anthracene	16.80	278	823955	46.882	nq	99
92) Benzo(g,h,i)perylene	17.21	276	827312	47.889	nq	99

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



#1

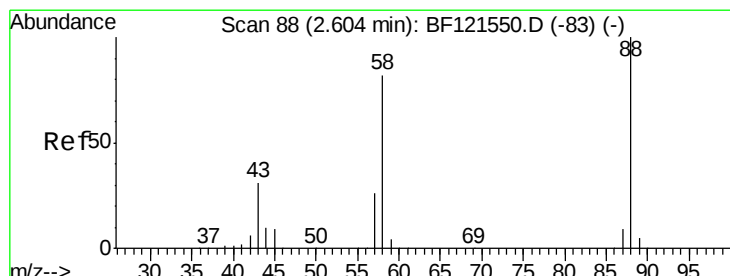
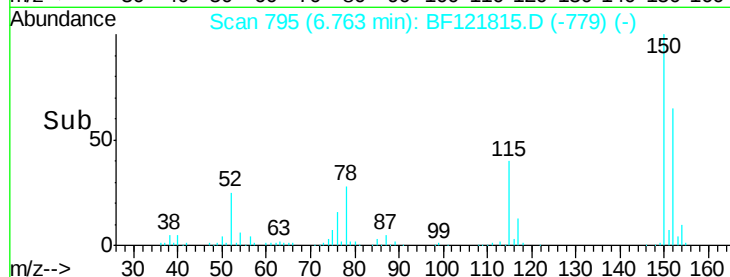
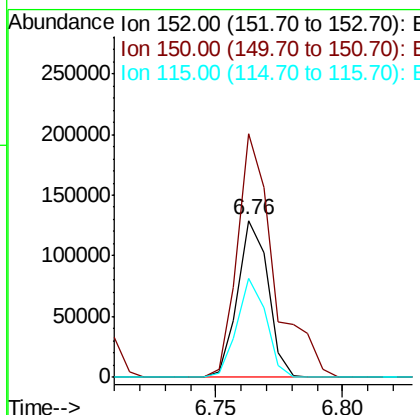
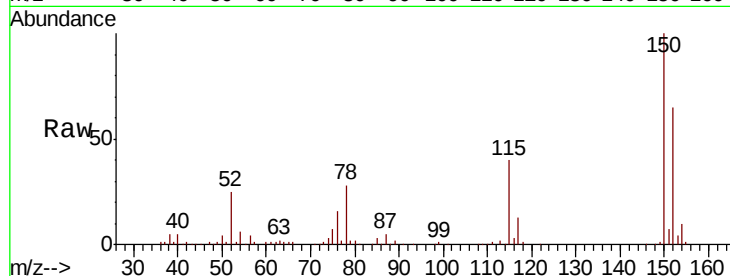
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.3	187.9
115	62.7	51.9	77.9

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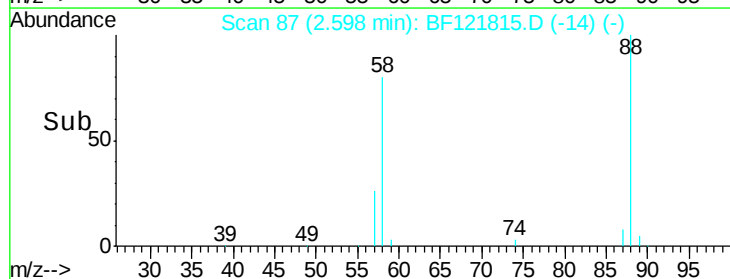
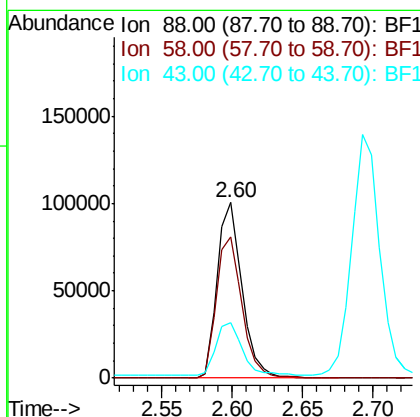
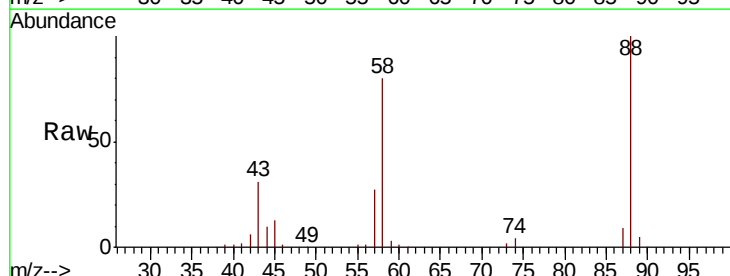
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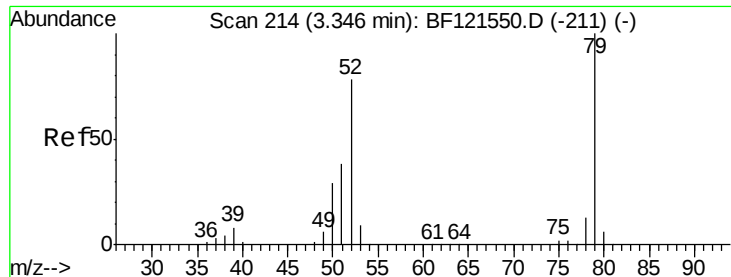


#2

1,4-Dioxane
Concen: 37.021 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.13 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	65.8	98.8
43	0.0	25.8	38.8#





#3

Pvridine

Concen: 31.187 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.12 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

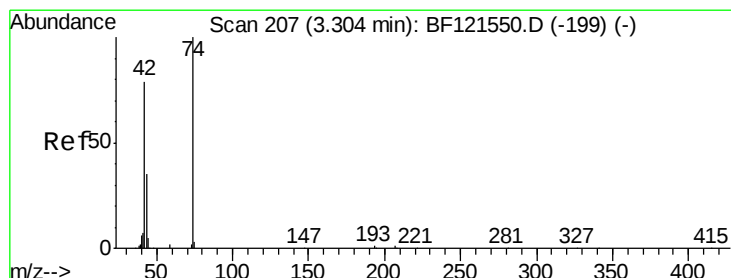
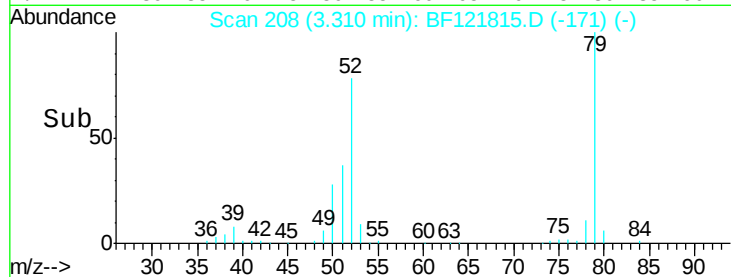
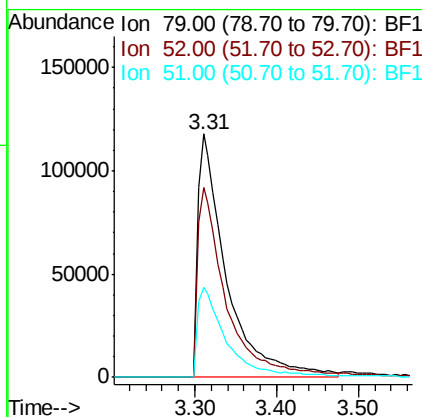
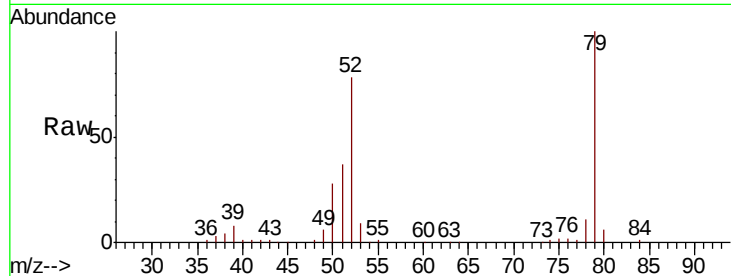
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	79	Resp:	285995
Ion Ratio	Lower	Upper	
79	100		
52	77.8	62.2	93.4
51	37.2	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 41.600 ng

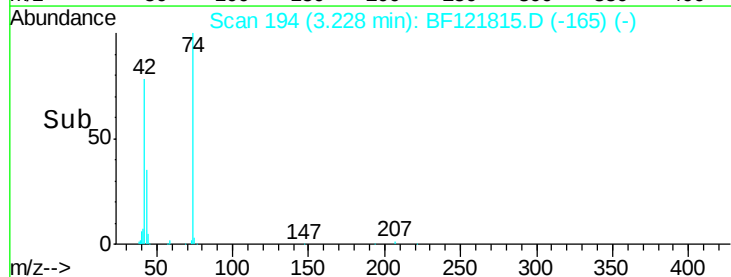
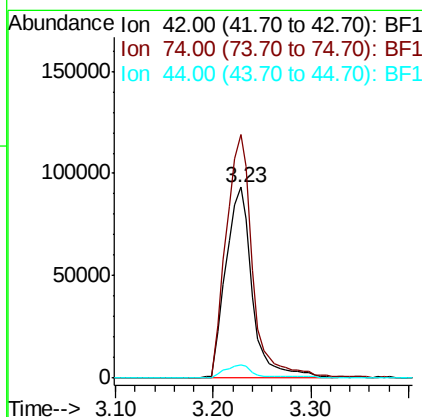
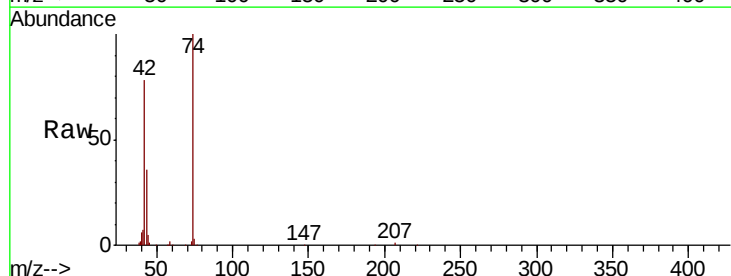
RT: 3.23 min Scan# 194

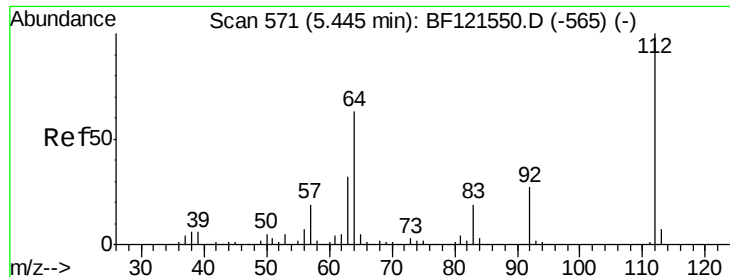
Delta R.T. 0.07 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	42	Resp:	176948
Ion Ratio	Lower	Upper	
42	100		
74	127.6	100.2	150.2
44	6.9	5.8	8.6





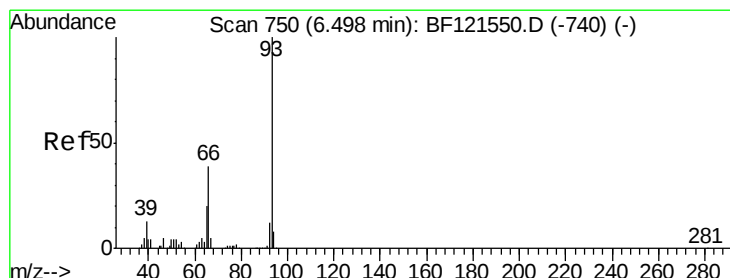
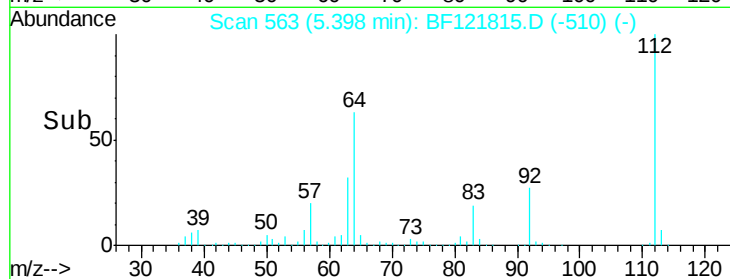
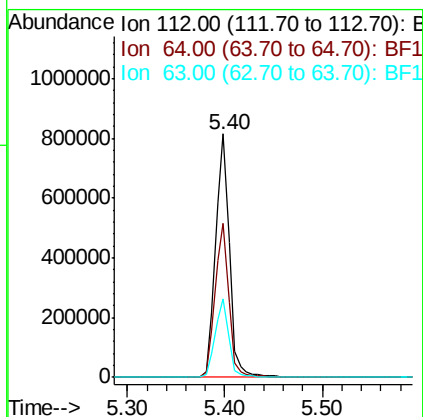
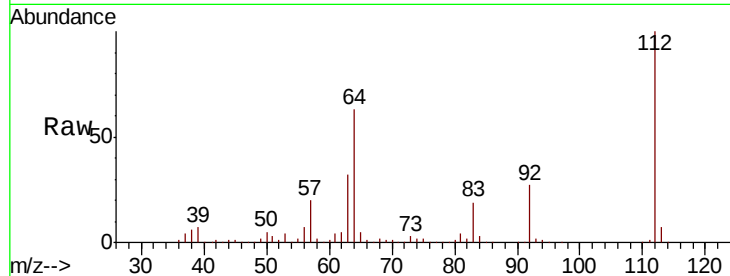
#5
2-Fluorophenol
Concen: 111.457 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		804753		
64	63.4	50.4	75.6		
63	32.3	25.8	38.6		

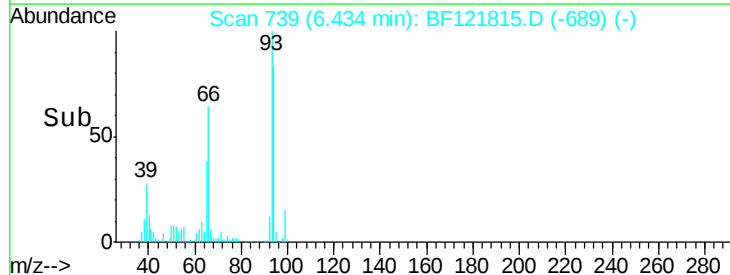
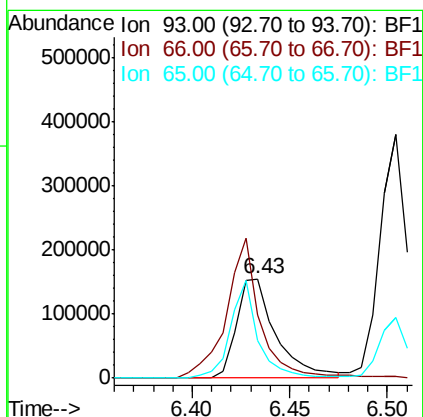
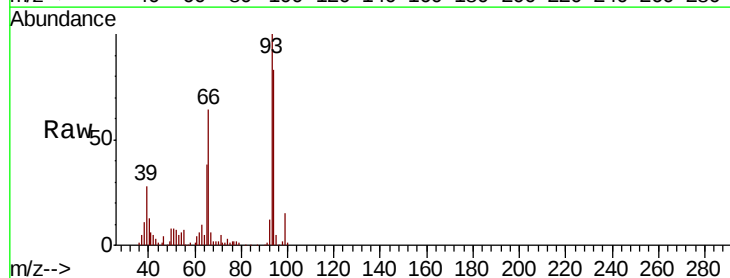
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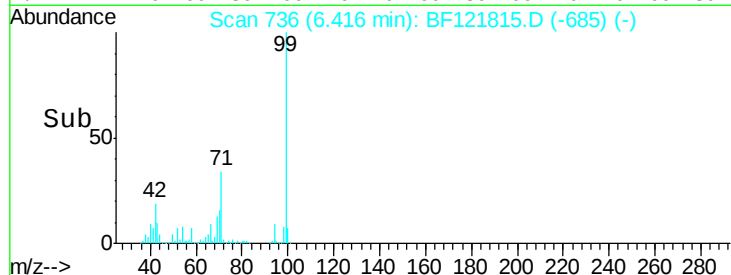
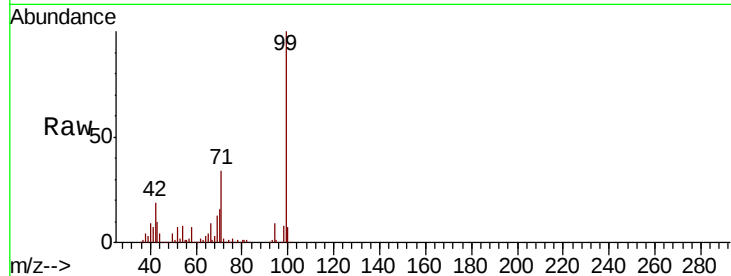
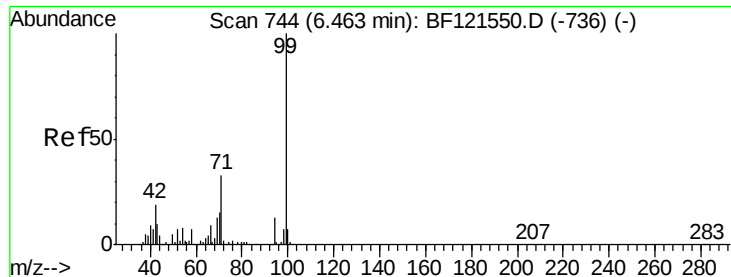
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#6
Aniline
Concen: 17.521 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		216164		
66	64.1	32.7	49.1#		
65	37.7	16.6	24.8#		





#7

Phenol-d6

Concen: 99.491 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tot Ion:	99	Resp:	942445
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.9	23.9
71	33.8	27.1	40.7

Instrument :

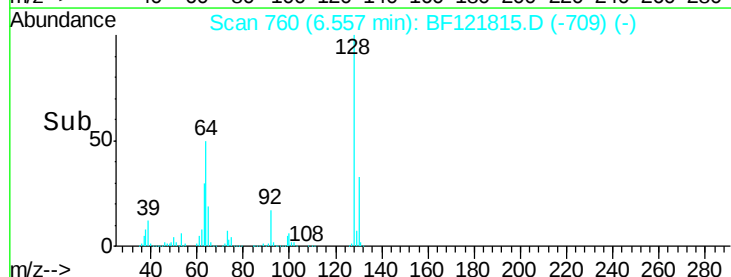
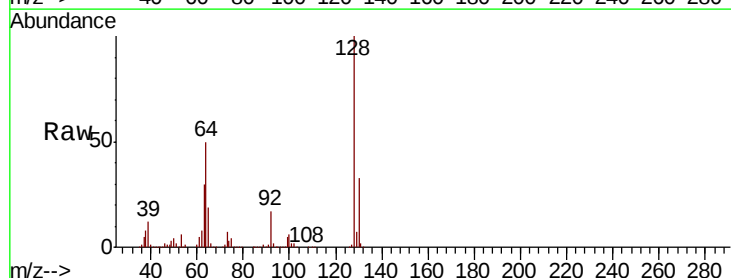
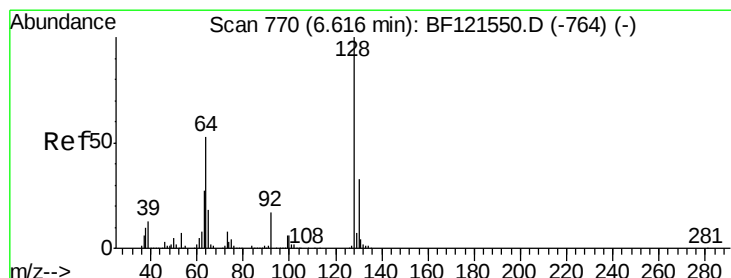
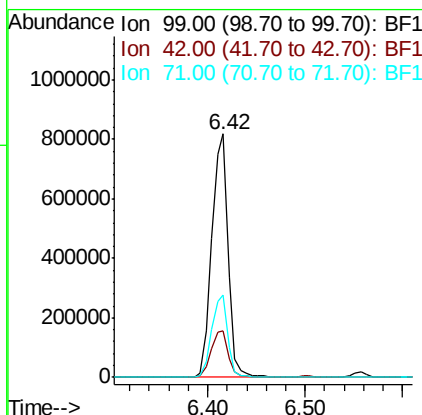
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 46.568 ng

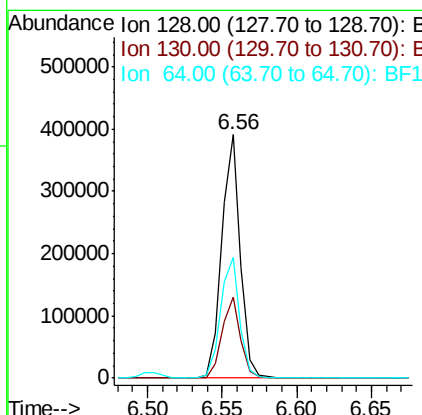
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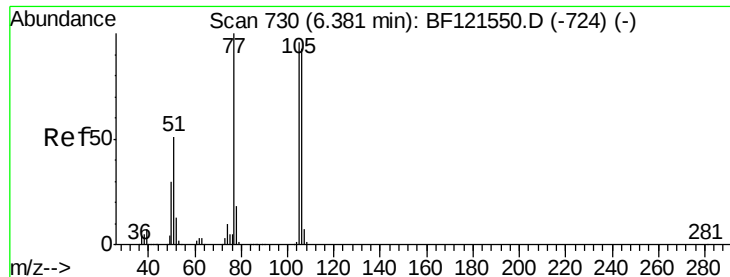
Delta R.T. -0.00 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	128	Resp:	342335
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.4	52.4
64	49.7	34.8	74.8





#9

Benzaldehyde

Concen: 5.748 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

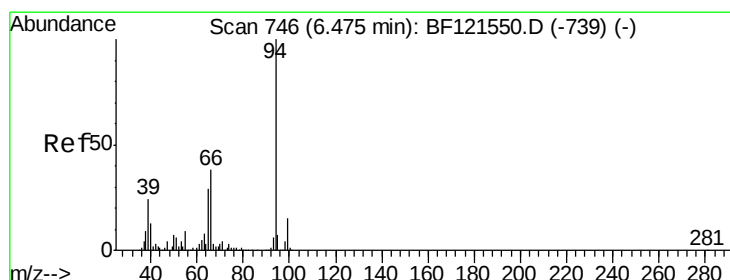
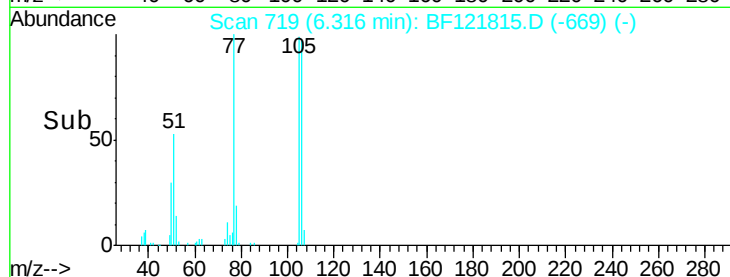
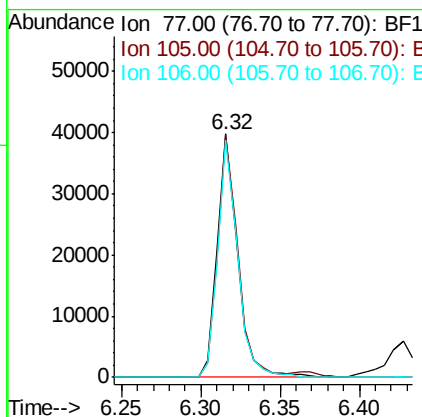
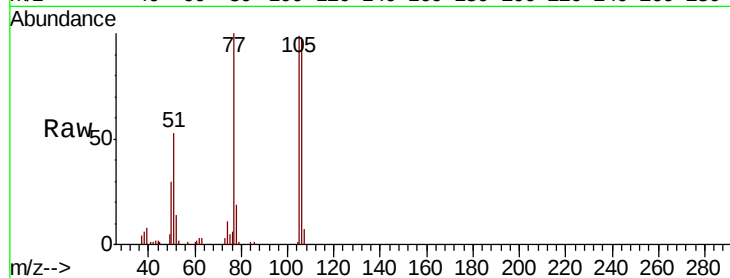
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	77	Resp:	35595
Ion	Ratio	Lower	Upper
77	100		
105	99.3	76.7	116.7
106	97.2	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 37.220 ng

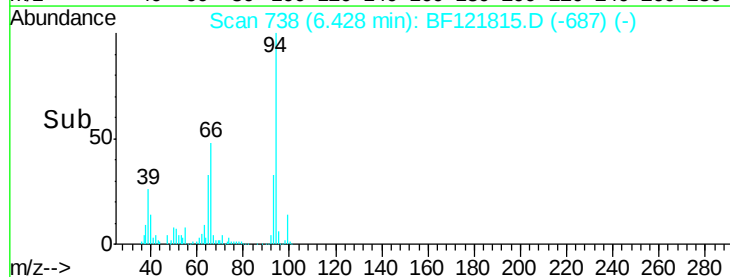
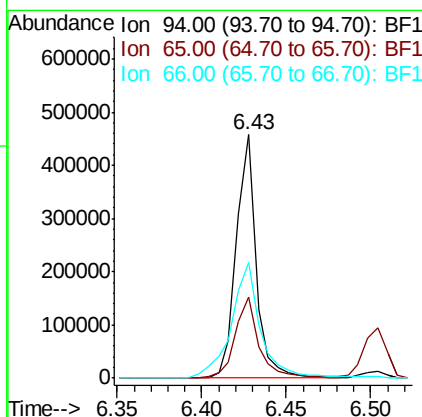
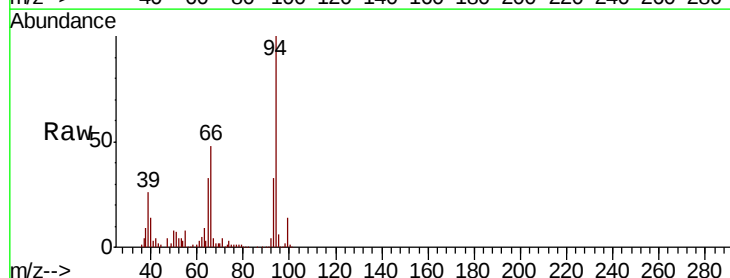
RT: 6.43 min Scan# 738

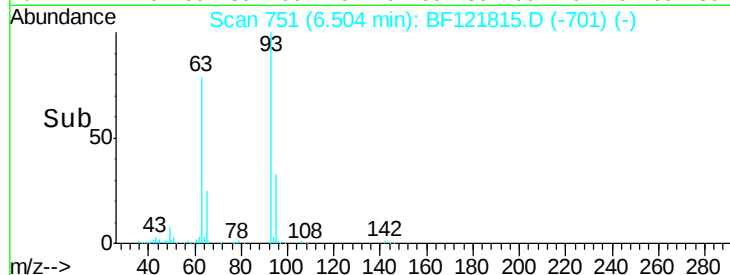
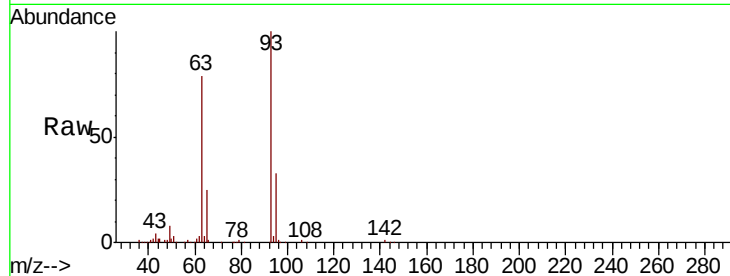
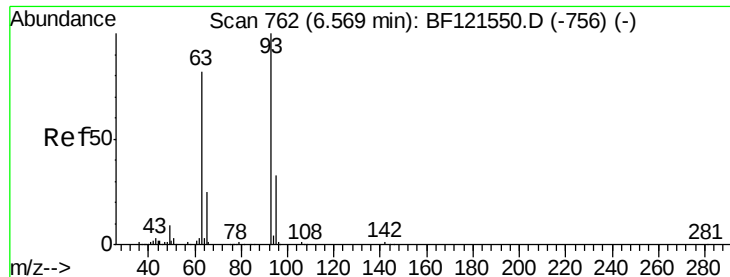
Delta R.T. -0.00 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	94	Resp:	375447
Ion	Ratio	Lower	Upper
94	100		
65	33.2	17.1	57.1
66	47.7	36.0	76.0





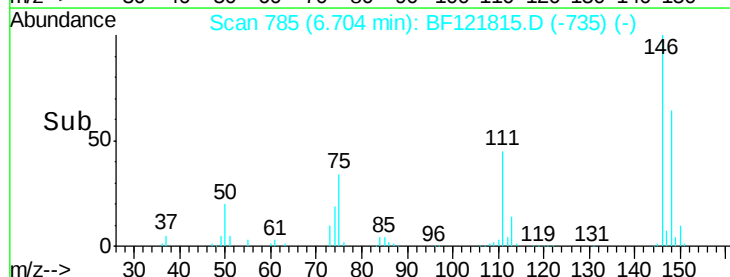
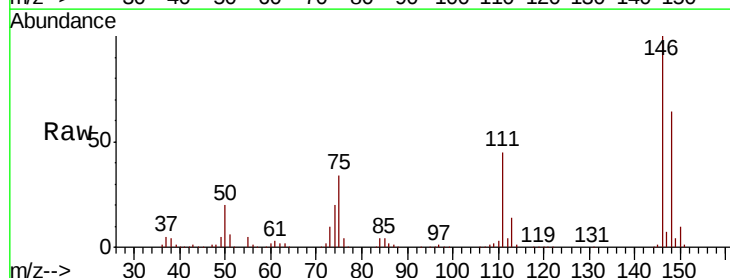
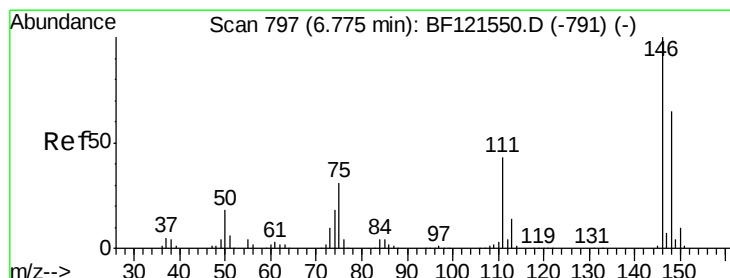
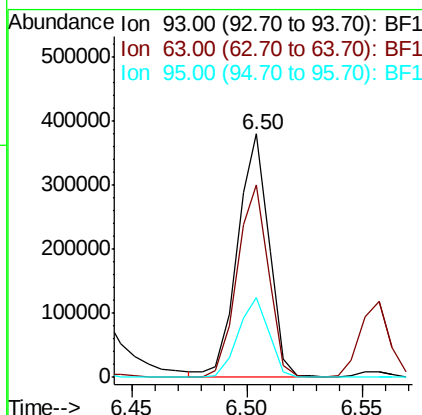
#11
bis(2-Chloroethyl)ether
Concen: 47.048 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tot Ion	93	Resp	357685
Ion Ratio	Lower	Upper	
93	100		
63	79.3	62.4	102.4
95	32.9	12.6	52.6

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

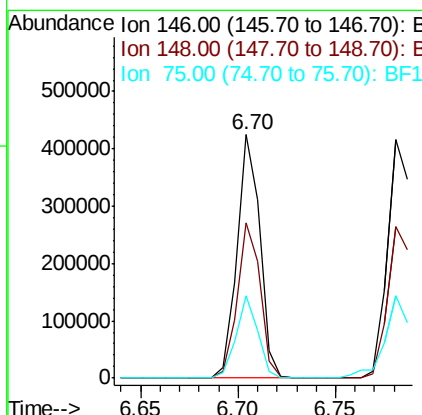
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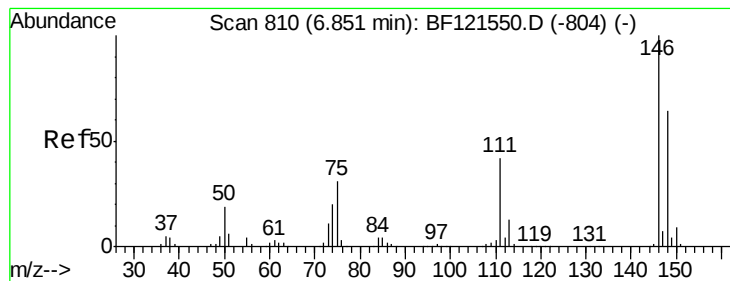
mohammad
10/7/2020 10:35:54 AM



#12
1,3-Dichlorobenzene
Concen: 42.014 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	146	Resp	344738
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
75	33.7	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 42.525 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

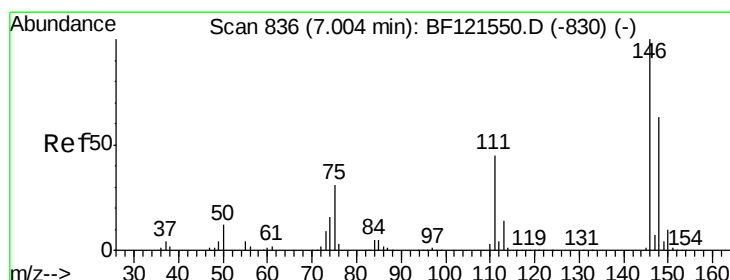
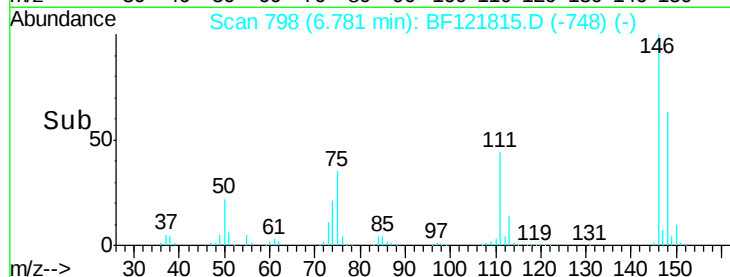
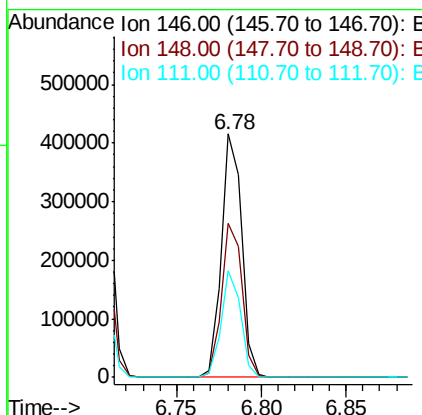
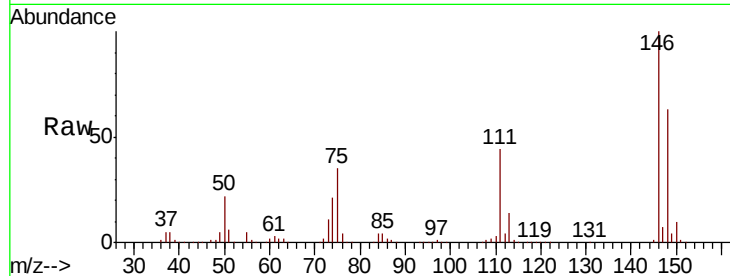
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	146	Resp:	350359
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.1	75.1
111	43.9	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 44.015 ng

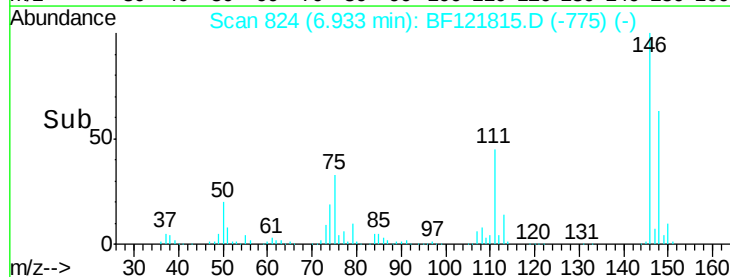
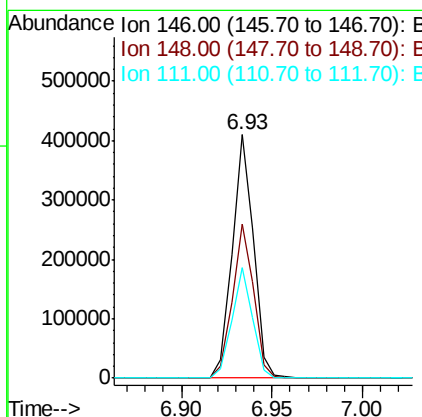
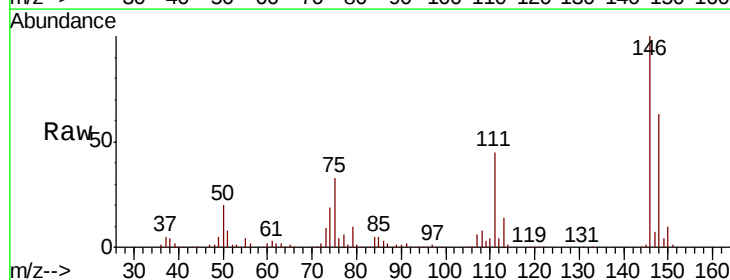
RT: 6.93 min Scan# 824

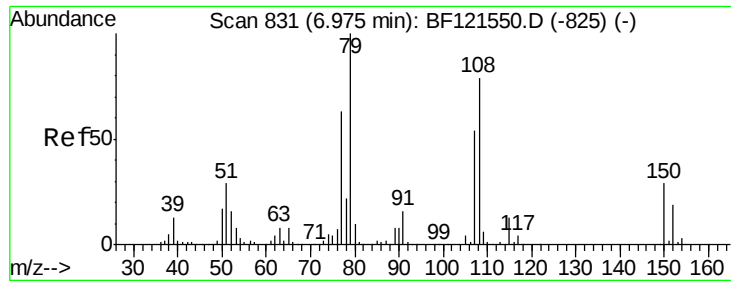
Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	146	Resp:	334066
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	45.3	34.2	51.4





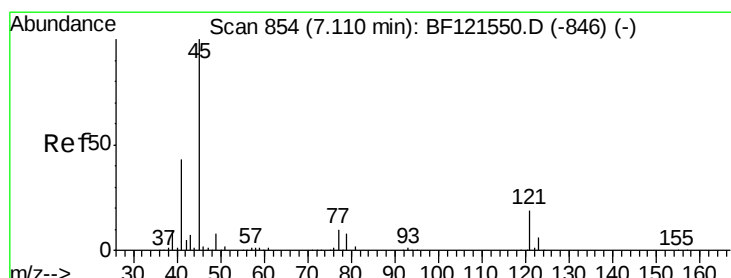
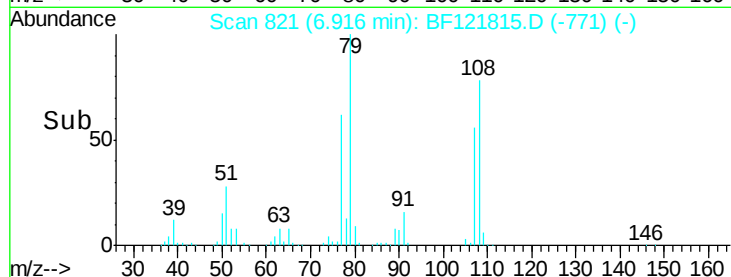
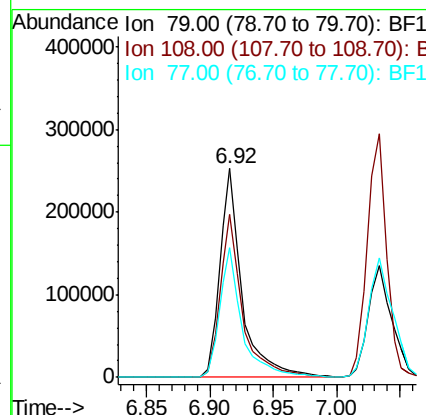
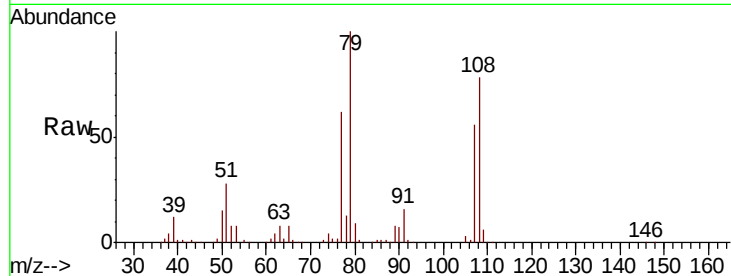
#15
Benzyl Alcohol
Concen: 48.417 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	62.3	93.5
77	62.4	50.6	75.8

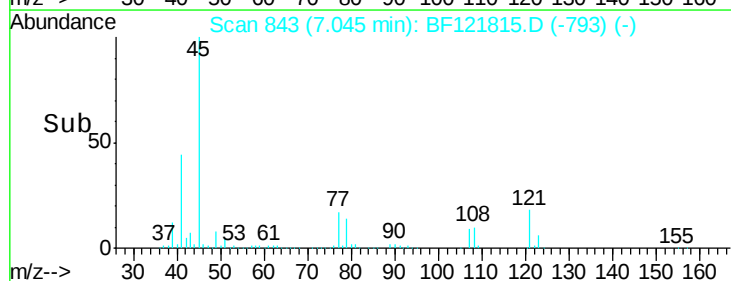
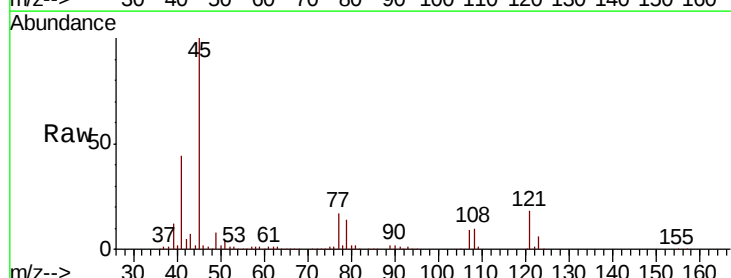
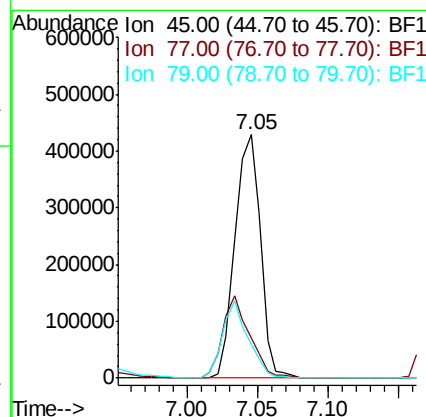
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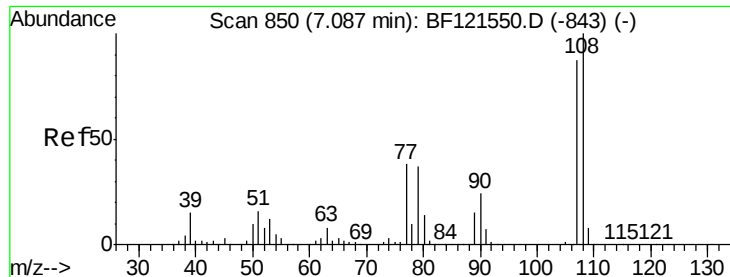
mohammad
10/7/2020 10:35:54 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.069 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	33.3
79	13.6	0.0	30.4





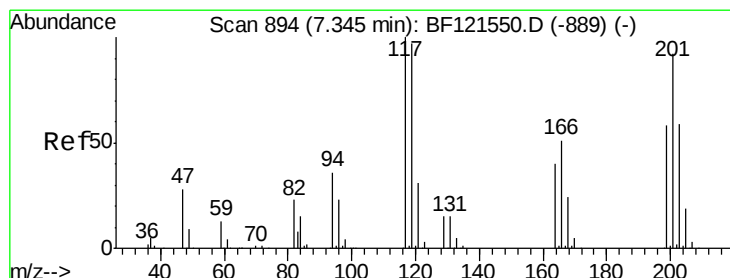
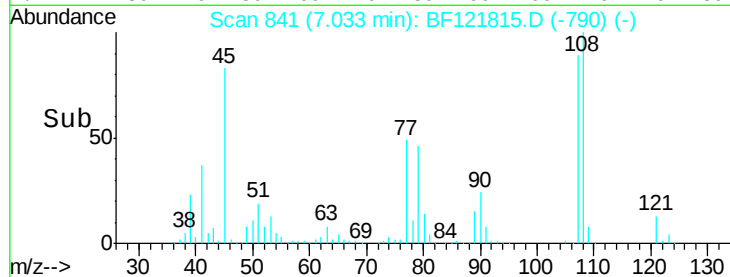
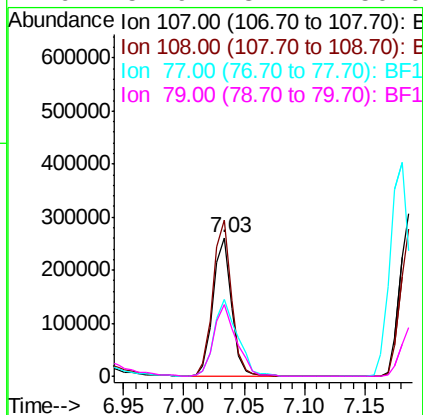
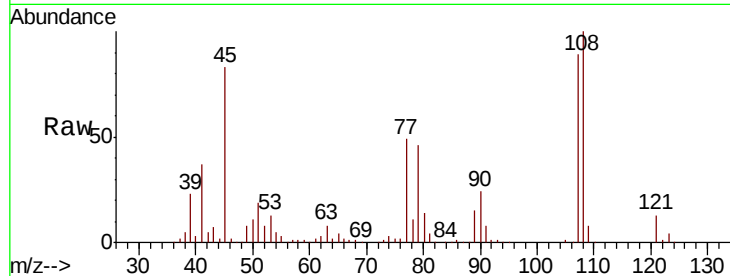
#17
2-Methylphenol
Concen: 43.920 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	274718		
108	112.6	90.9	136.3	
77	55.3	37.5	56.3	
79	51.9	37.4	56.0	

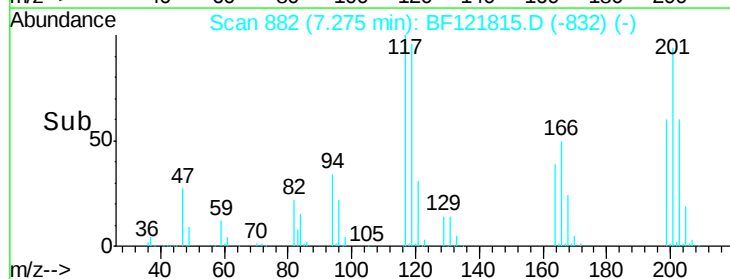
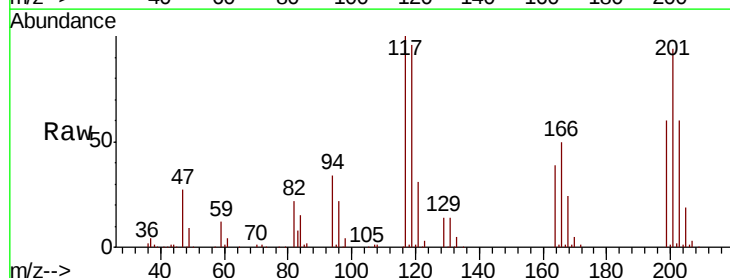
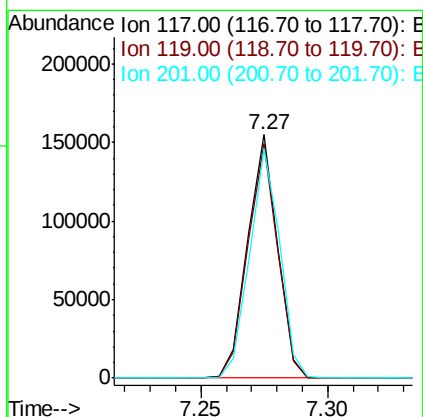
Manual Integrations
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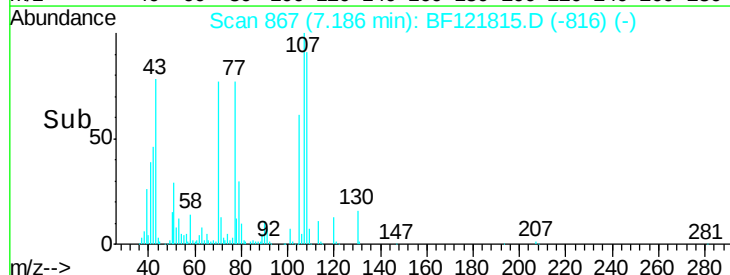
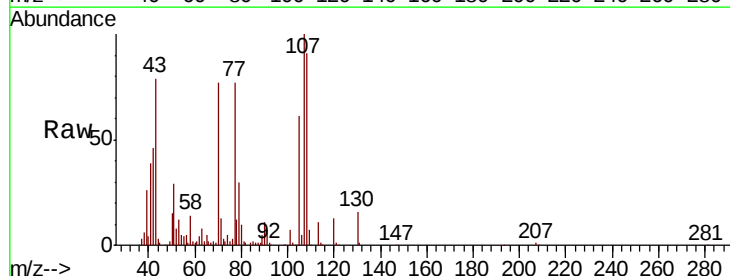
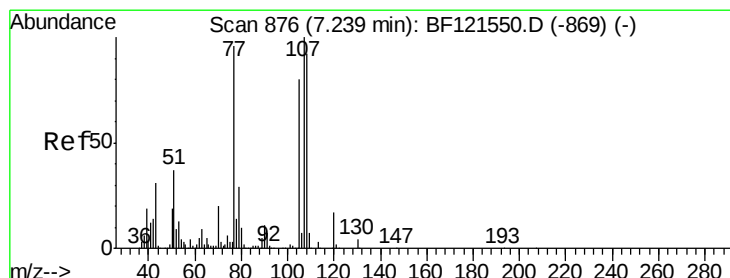
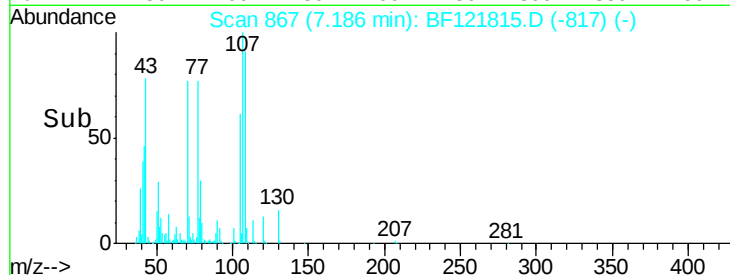
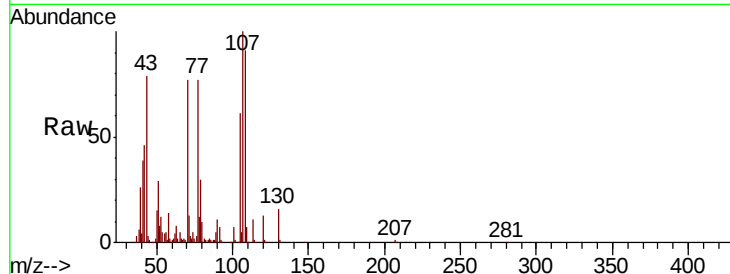
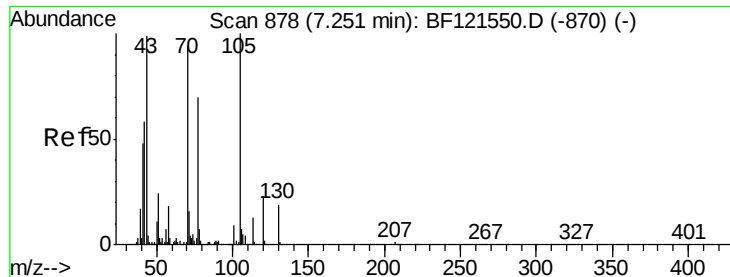
mohammad
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#18
Hexachloroethane
Concen: 43.171 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127356		
119	96.2	76.3	114.5	
201	94.1	71.8	107.6	





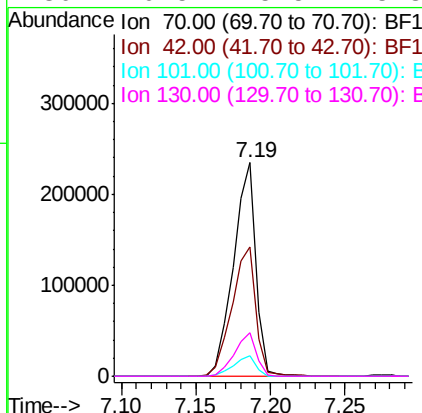
#19
n-Nitroso-di-n-propylamine
Concen: 45.421 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.3	50.2	75.4
101	9.7	7.5	11.3
130	20.5	15.5	23.3

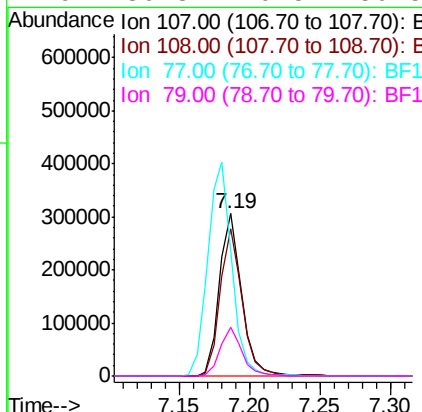
Manual Integrations
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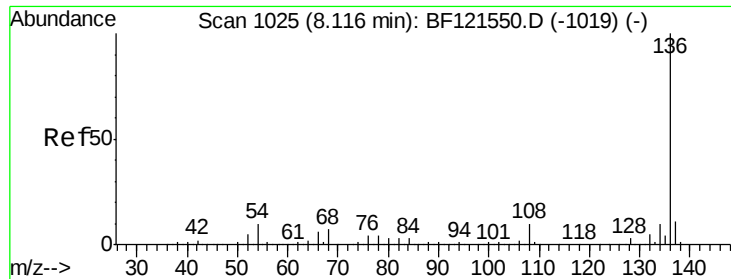
mohammad
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#20
3+4-Methylphenols
Concen: 44.412 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.9	108.9
77	77.4	108.0	148.0#
79	30.3	10.5	50.5





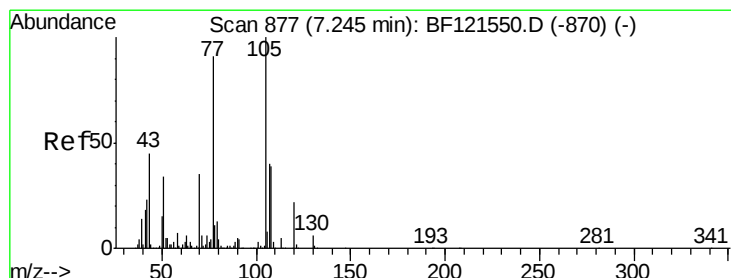
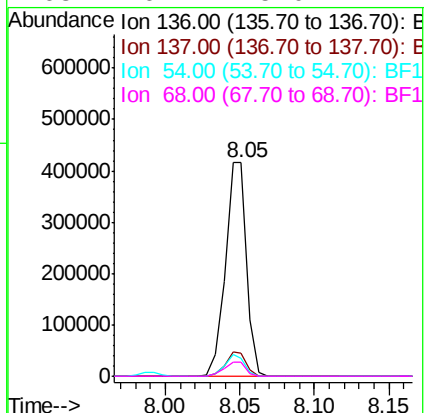
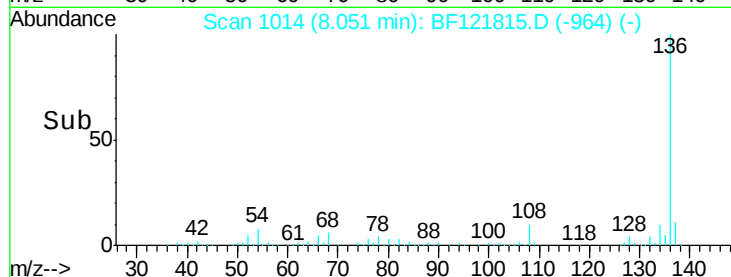
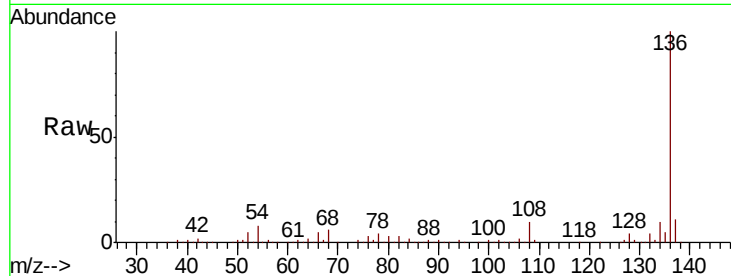
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	417707		
137	10.6	8.6	13.0	
54	8.3	7.1	10.7	
68	6.4	5.0	7.4	

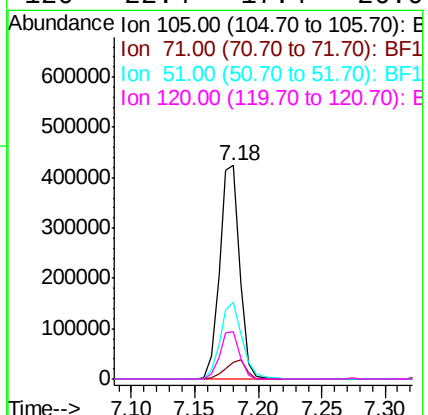
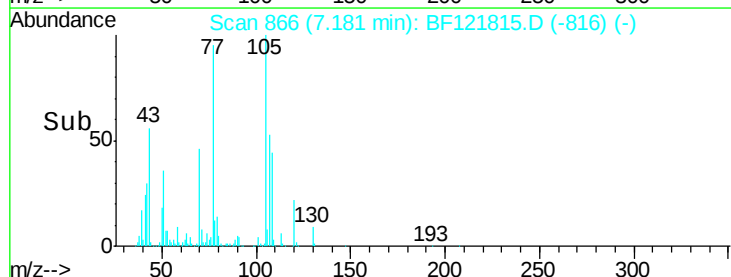
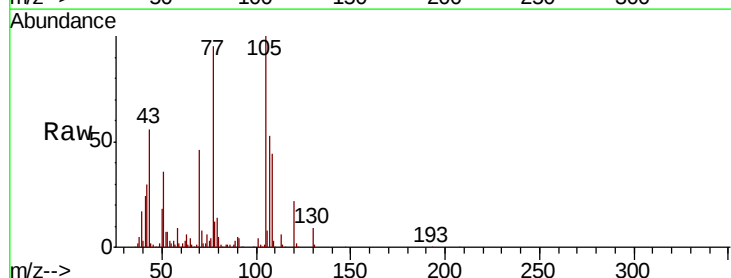
Manual Integrations
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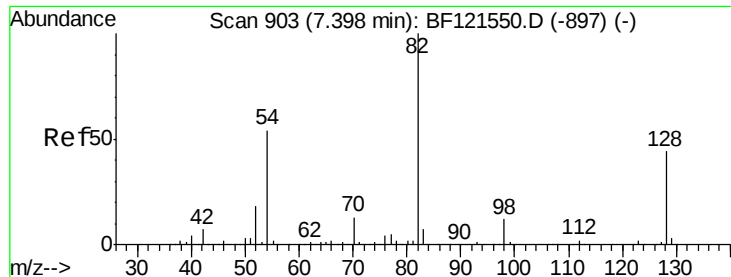
mohammad
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#22
Acetophenone
Concen: 44.141 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467804		
71	7.7	5.3	7.9	
51	36.2	33.2	49.8	
120	22.4	17.4	26.0	





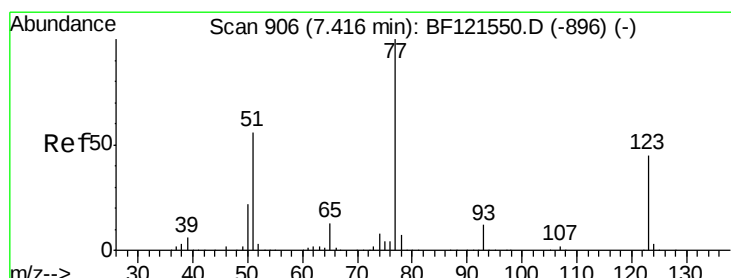
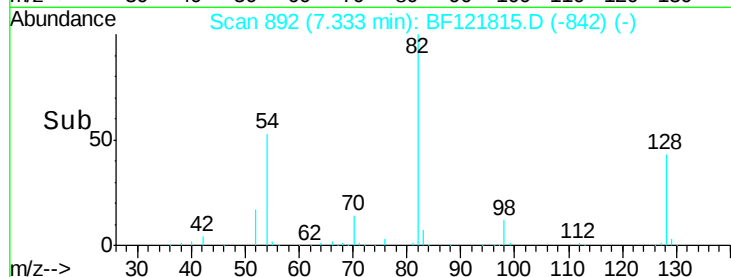
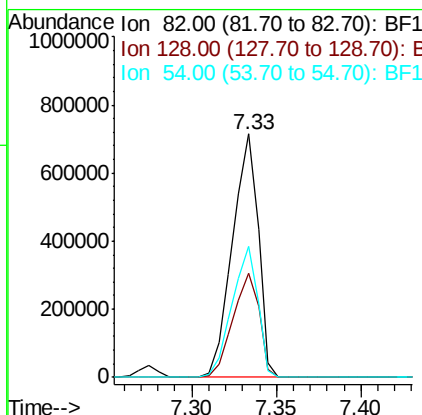
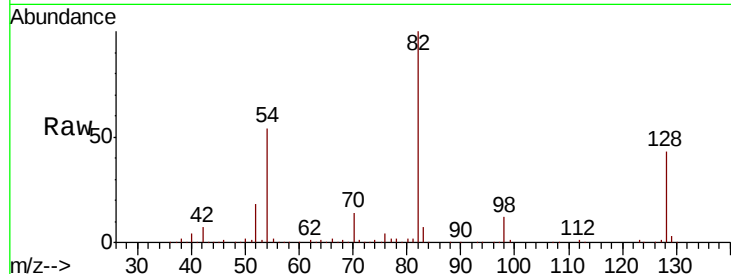
#23
Nitrobenzene-d5
Concen: 97.777 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	54.1	43.9	65.9

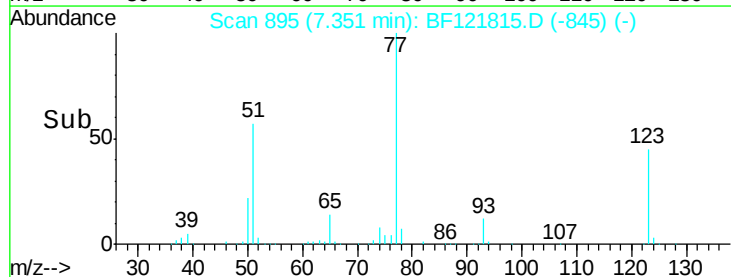
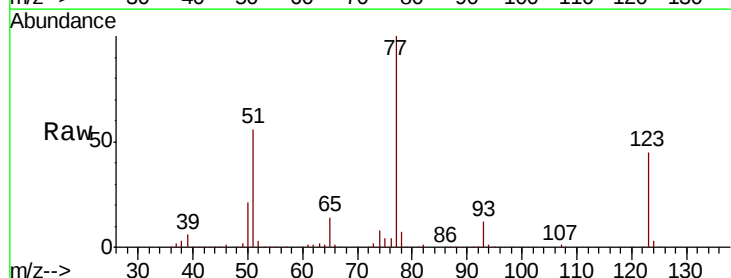
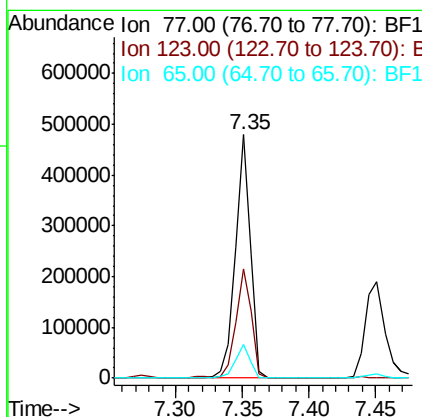
Manual Integrations
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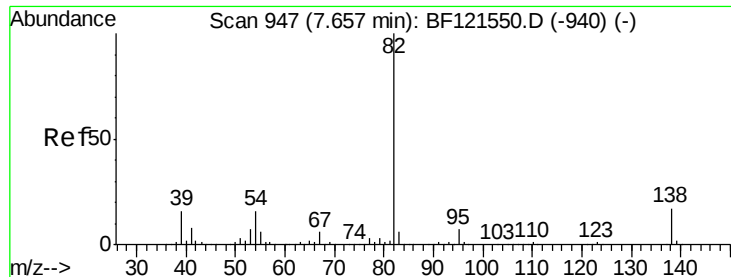
mohammad
10/7/2020 10:35:54 AM



#24
Nitrobenzene
Concen: 45.318 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.6	53.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 44.245 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

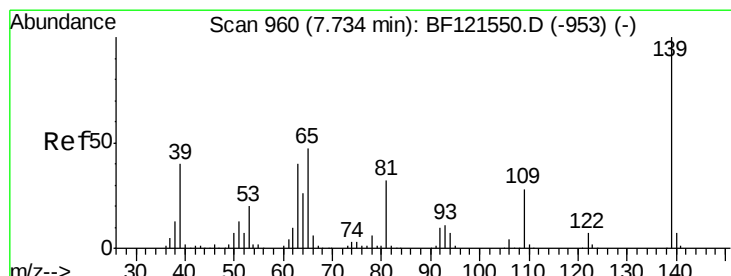
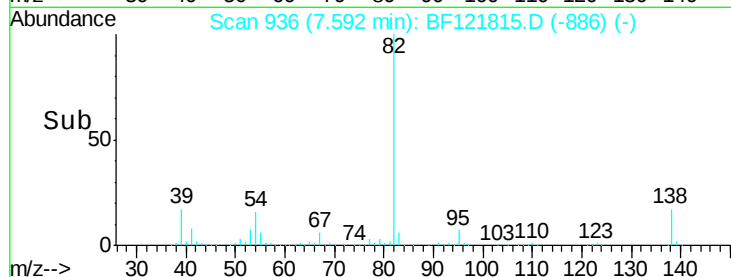
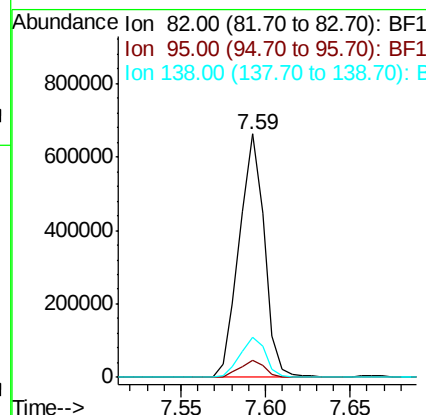
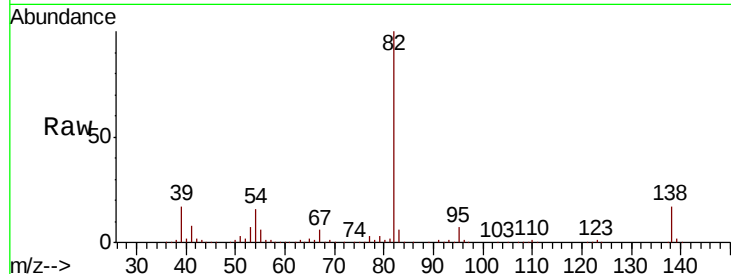
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	82	Resp:	692903
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	16.7	13.4	20.0

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#26

2-Nitrophenol

Concen: 46.120 ng

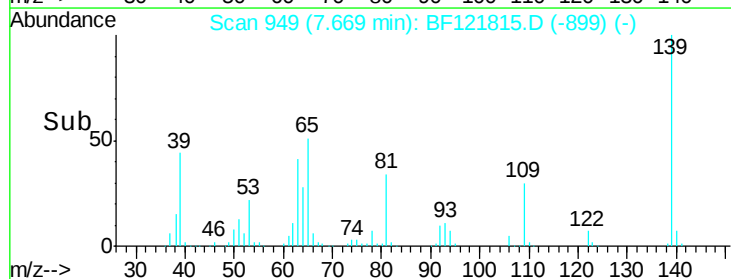
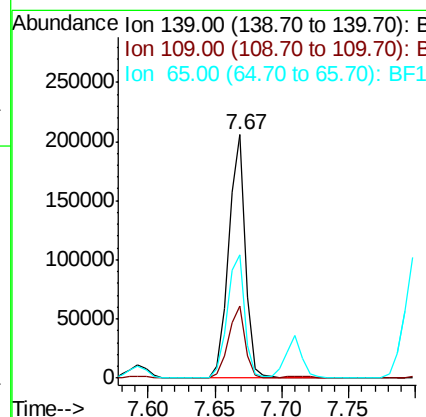
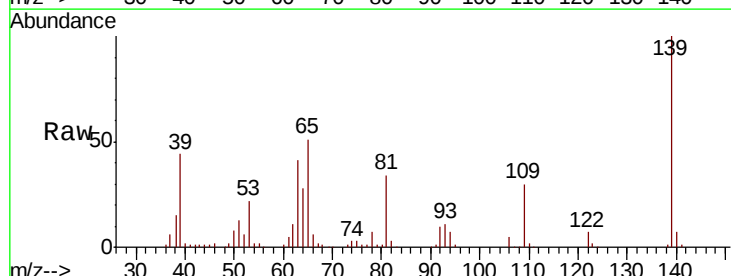
RT: 7.67 min Scan# 949

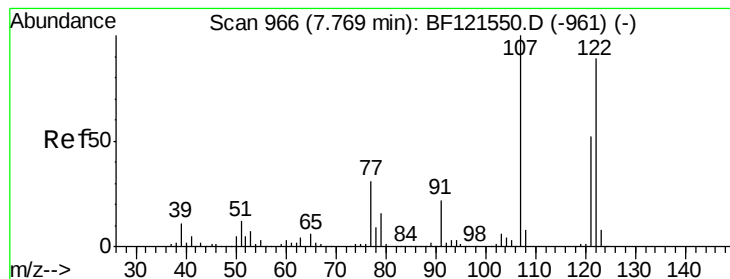
Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	139	Resp:	182269
Ion Ratio	Lower	Upper	
139	100		
109	29.8	23.0	34.4
65	50.6	39.9	59.9





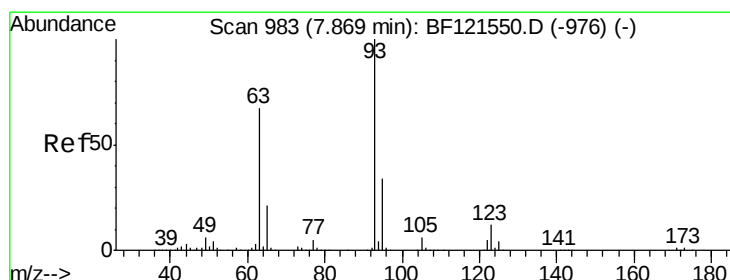
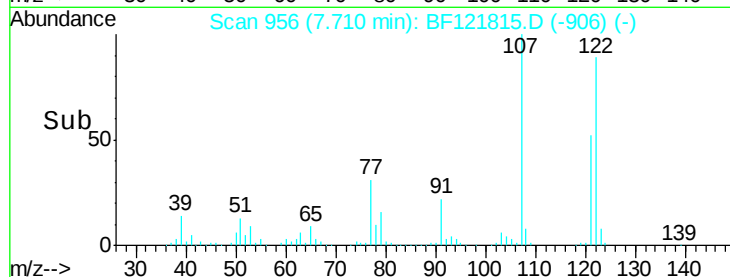
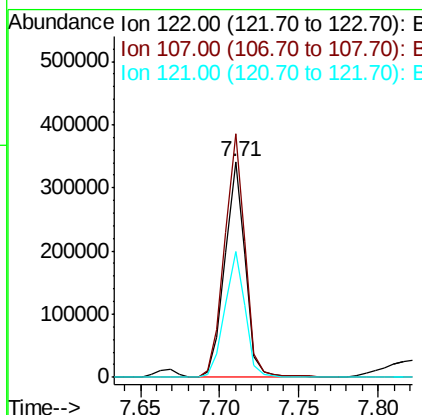
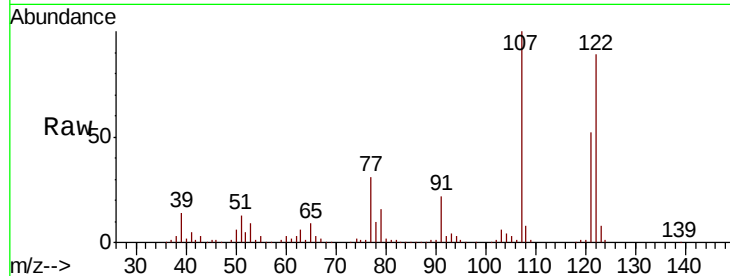
#27
2,4-Dimethylphenol
Concen: 43.553 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	90.8	136.2
121	58.3	47.5	71.3

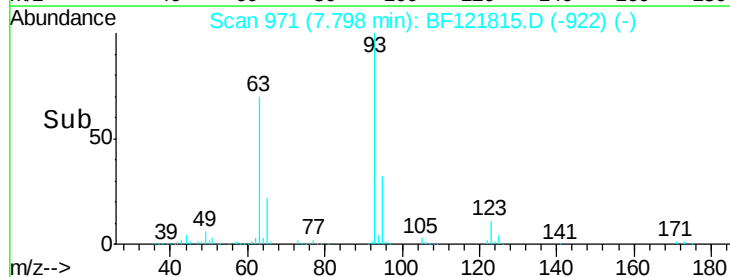
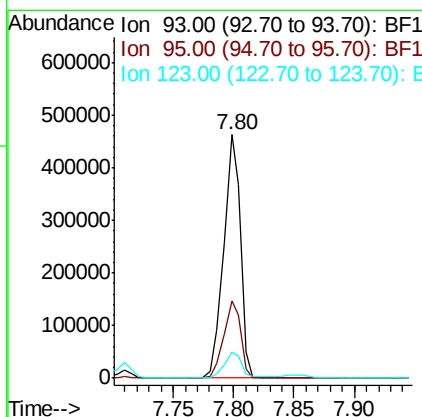
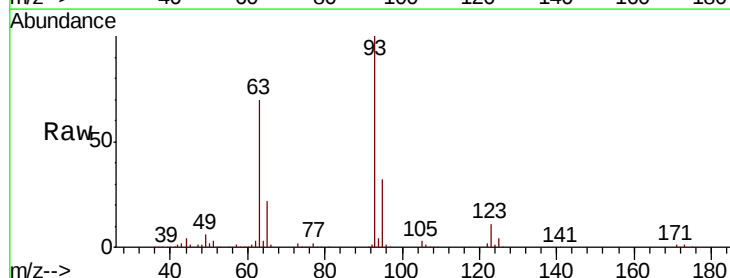
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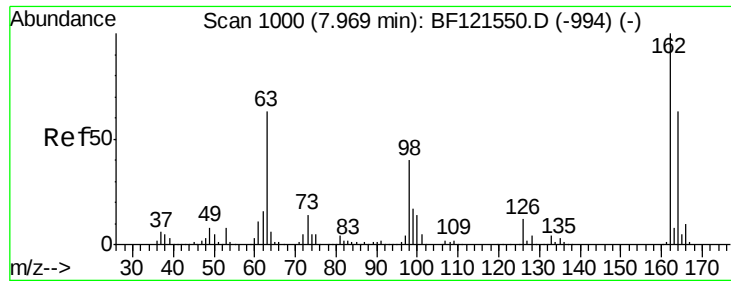
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.712 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.4
123	10.8	8.8	13.2





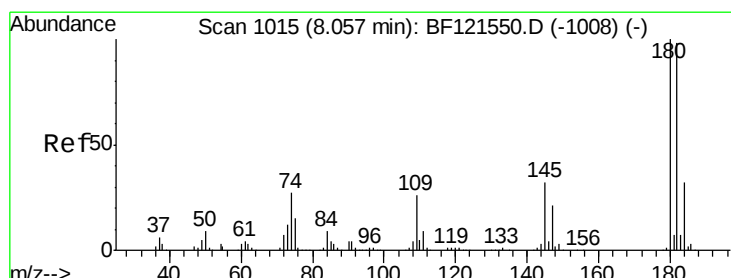
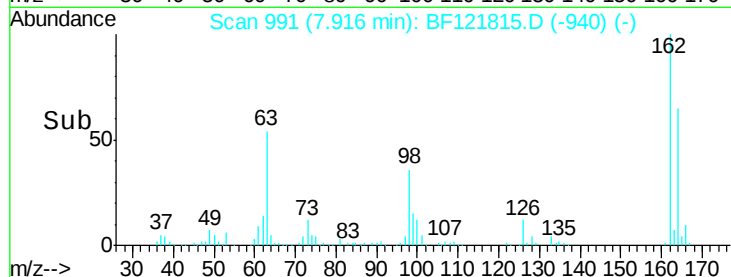
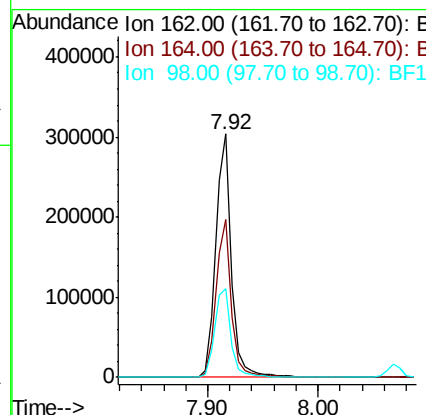
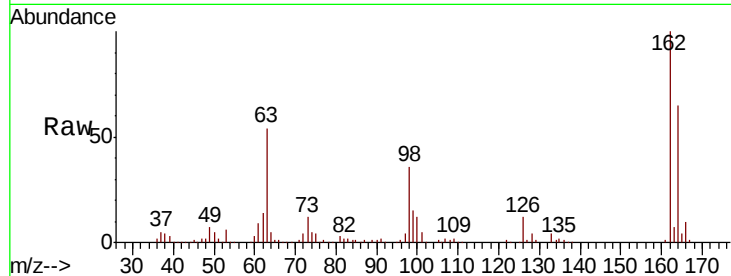
#29
2,4-Dichlorophenol
Concen: 45.558 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	290070		
164	64.7	42.5	82.5	
98	36.3	20.1	60.1	

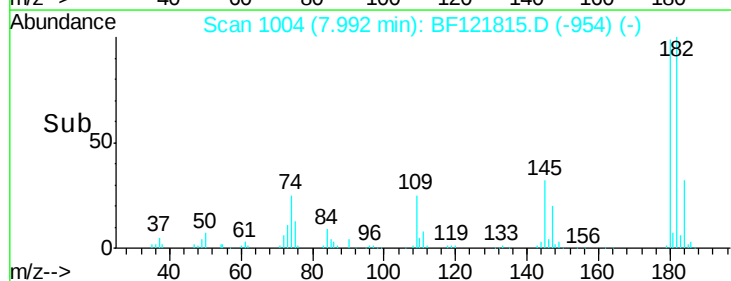
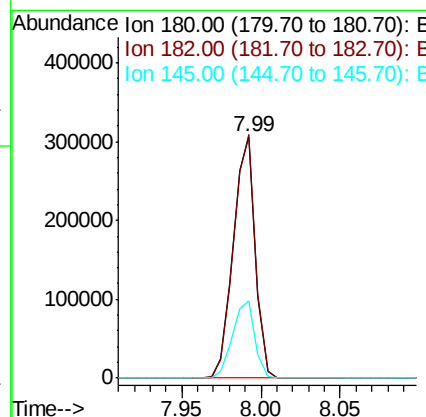
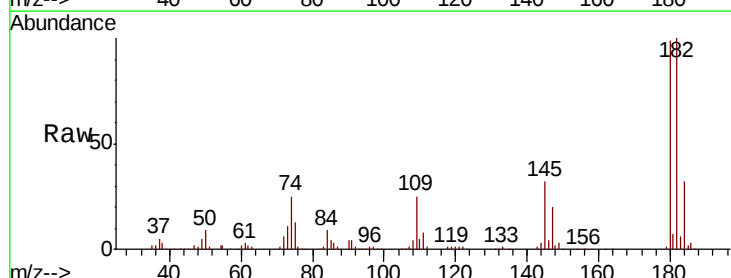
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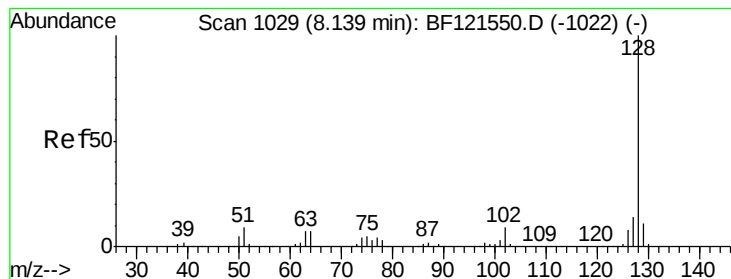
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#30
1,2,4-Trichlorobenzene
Concen: 43.669 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	292830		
182	100.9	79.4	119.2	
145	32.0	25.5	38.3	





#31

Naphthalene

Concen: 44.205 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

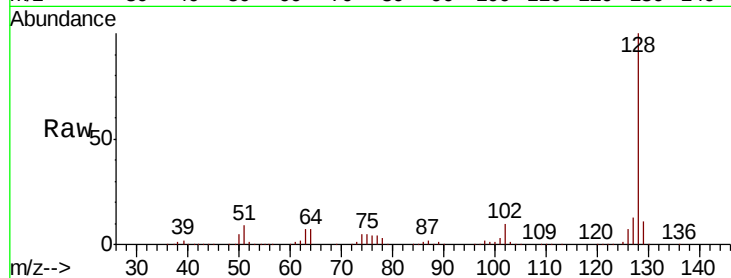
ClientSampleId :

PB-2020-WS-000-01MS

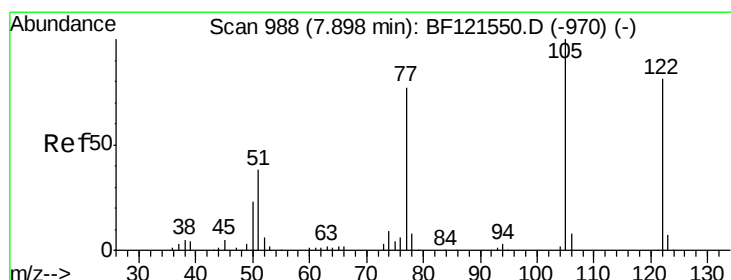
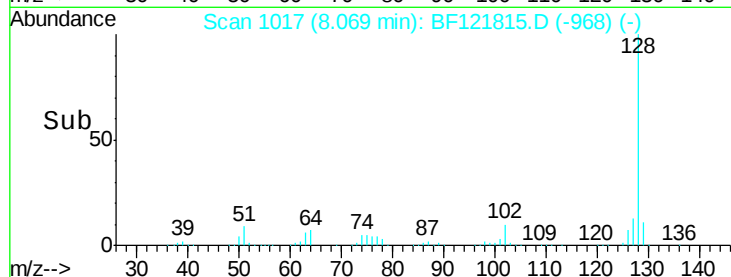
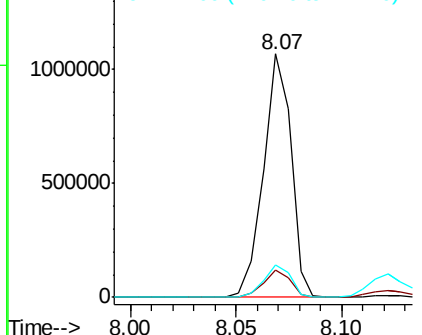
Tot Ion:128	Resp:	974730
Ion Ratio	Lower	Upper
128	100	
129	11.3	8.7 13.1
127	13.5	10.8 16.2

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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: 34.896 ng

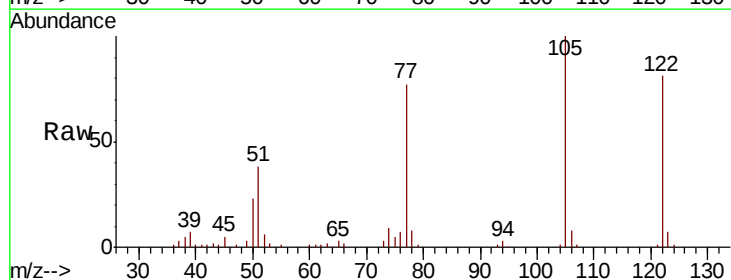
RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

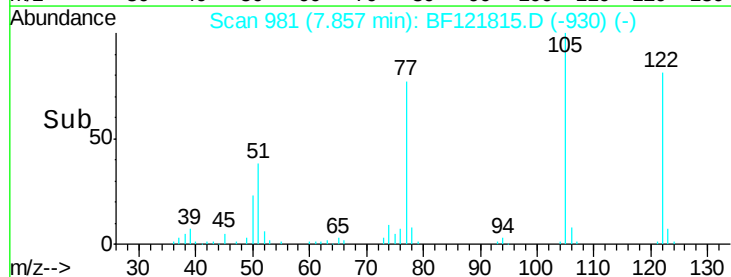
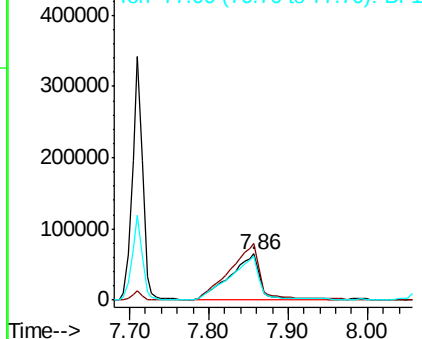
Lab File: BF121815.D

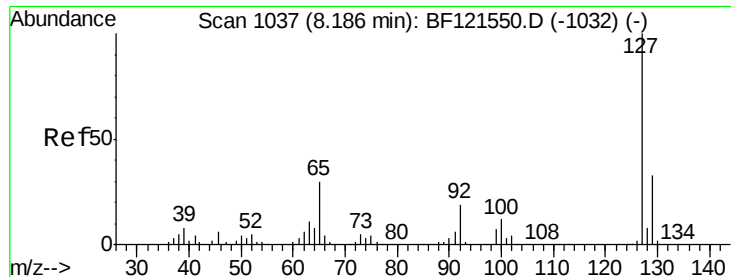
Acq: 5 Oct 2020 13:12

Tgt Ion:122	Resp:	170464
Ion Ratio	Lower	Upper
122	100	
105	123.4	103.3 143.3
77	95.5	73.9 113.9



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





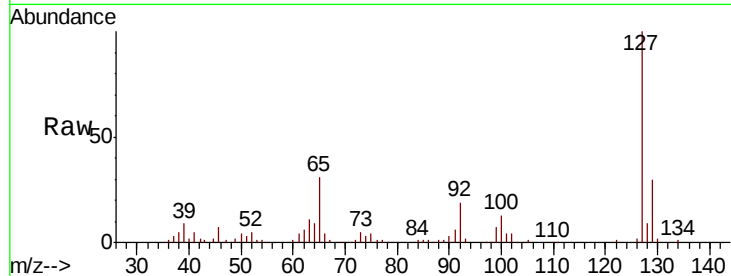
#33
4-Chloroaniline
Concen: 15.465 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

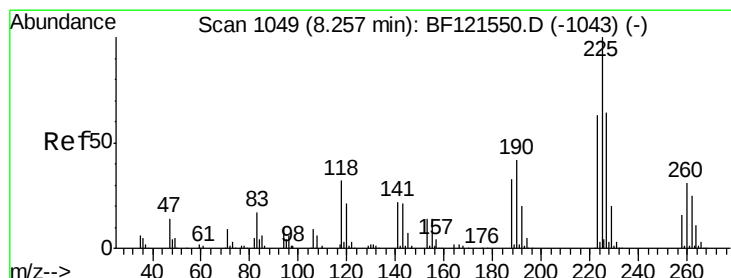
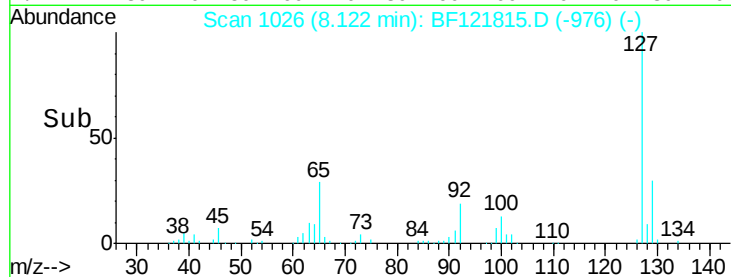
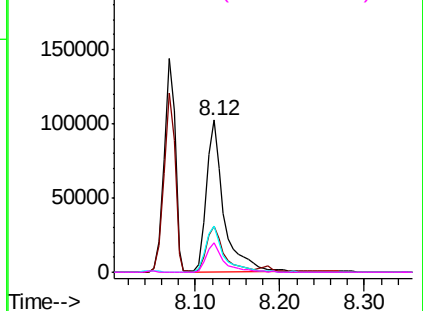
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.5	26.3	39.5		
65	30.7	26.2	39.2		
92	19.0	15.9	23.9		

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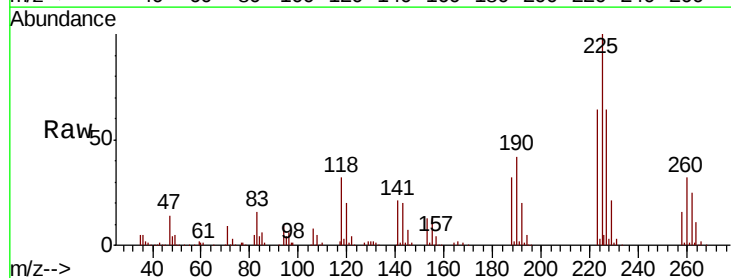


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

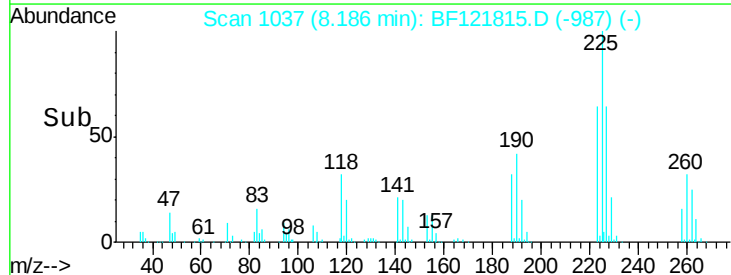
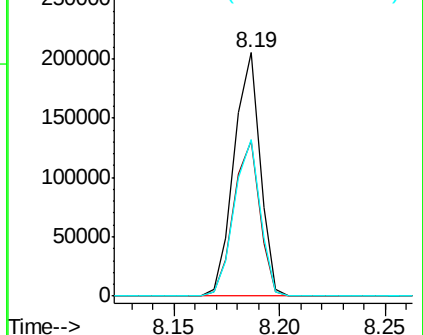


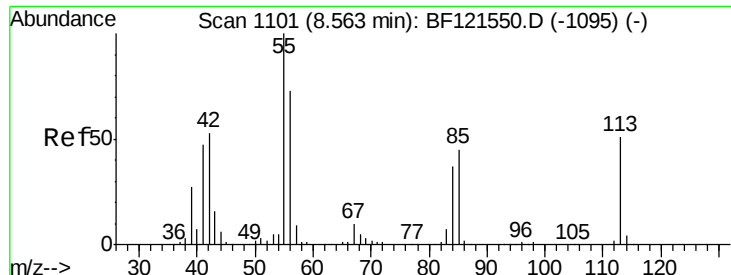
#34
Hexachlorobutadiene
Concen: 44.503 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.1	76.7		
227	64.1	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





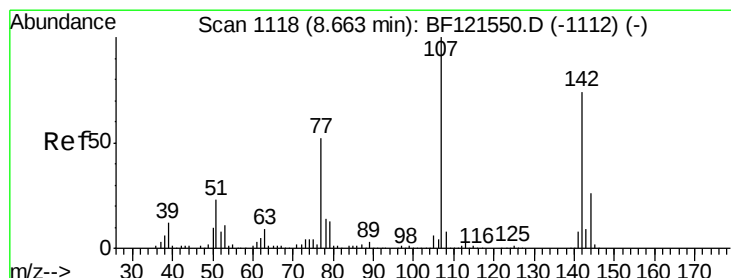
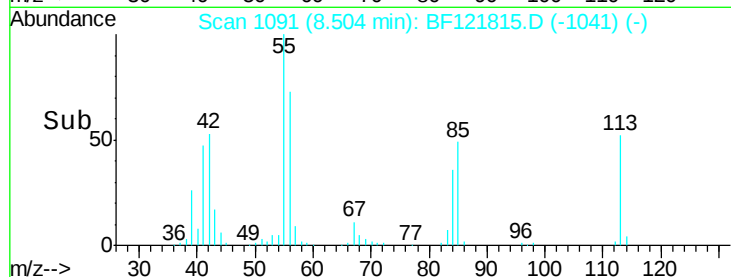
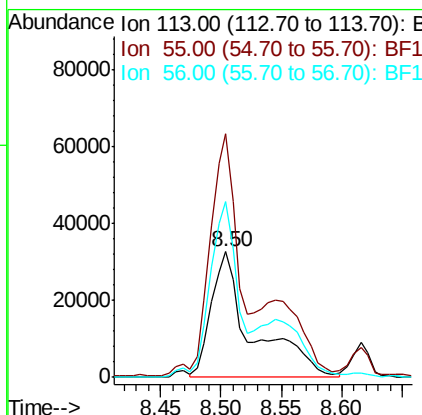
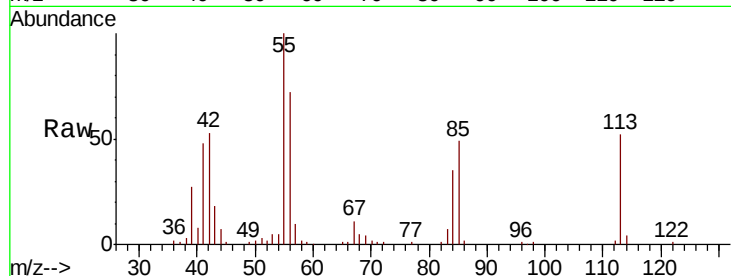
#35
 Caprolactam
 Concen: 36.618 ng/ml
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	193.9	167.5	207.5	
56	139.9	121.2	161.2	

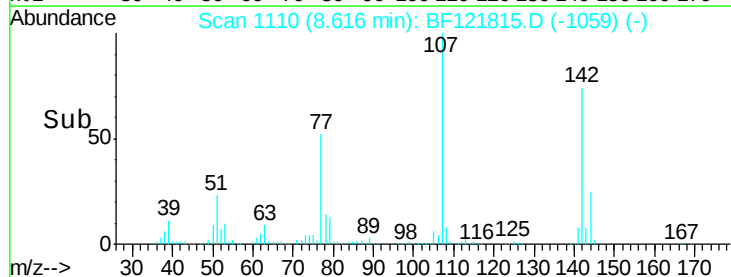
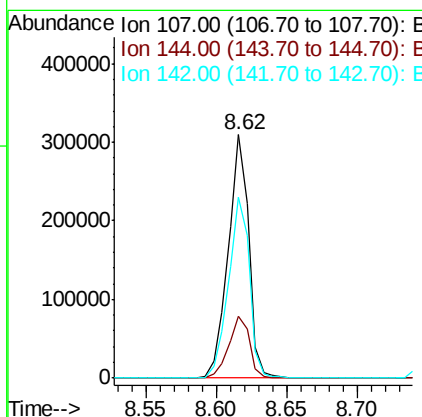
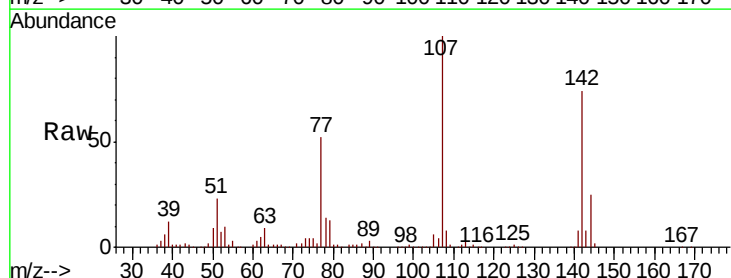
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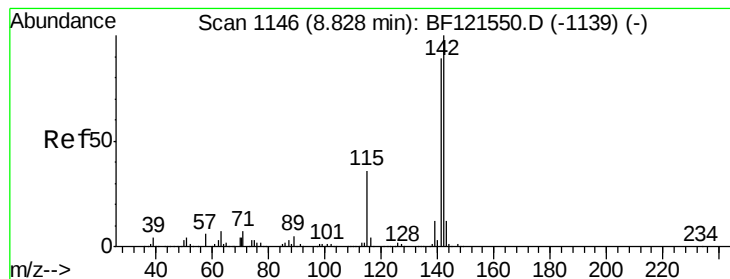
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#36
 4-Chloro-3-methylphenol
 Concen: 45.890 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.4	20.1	30.1	
142	74.4	59.3	88.9	





#37

2-Methylnaphthalene

Concen: 44.698 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

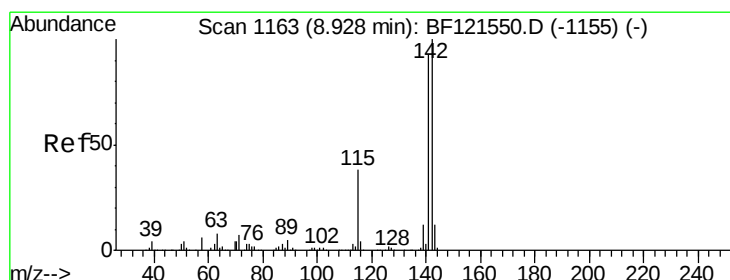
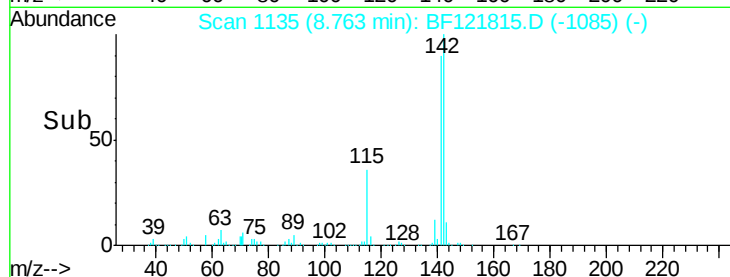
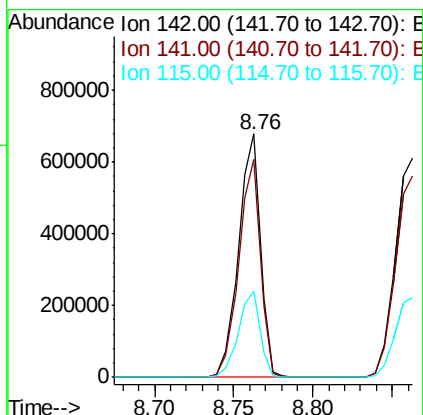
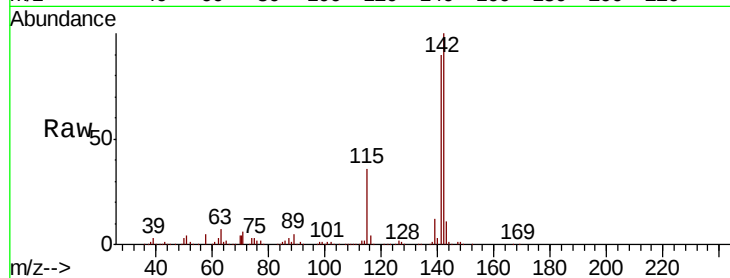
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	142	Resp:	645902
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.2	105.4
115	35.5	28.6	43.0

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#38

1-Methylnaphthalene

Concen: 44.826 ng

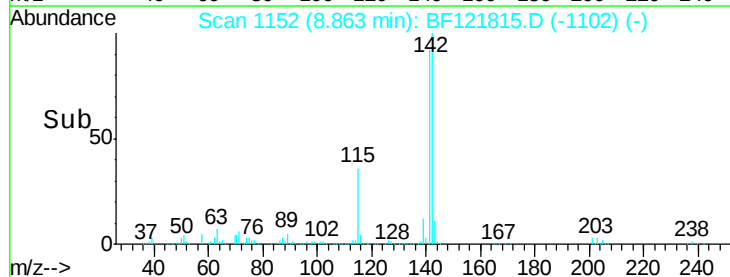
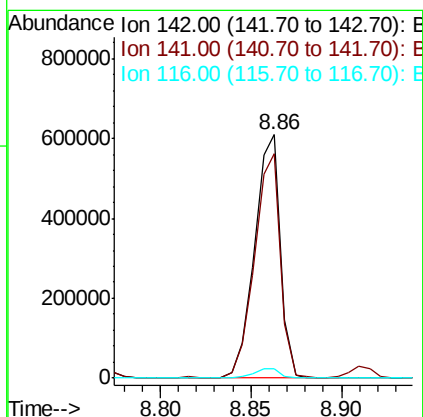
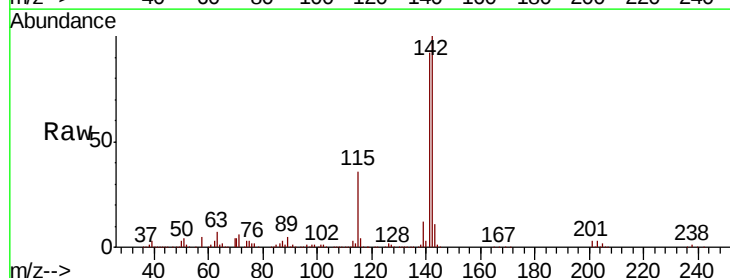
RT: 8.86 min Scan# 1152

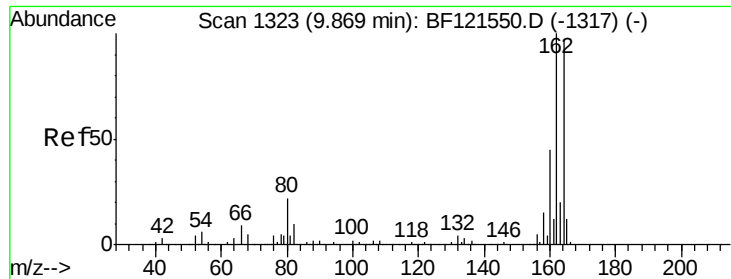
Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	142	Resp:	602840
Ion Ratio	Lower	Upper	
142	100		
141	92.2	74.5	111.7
116	3.7	3.2	4.8





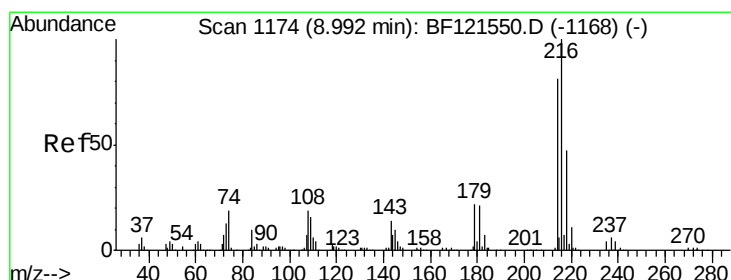
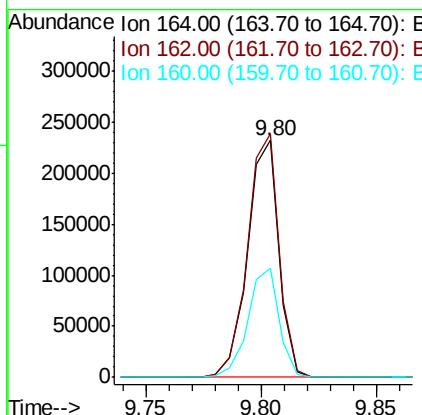
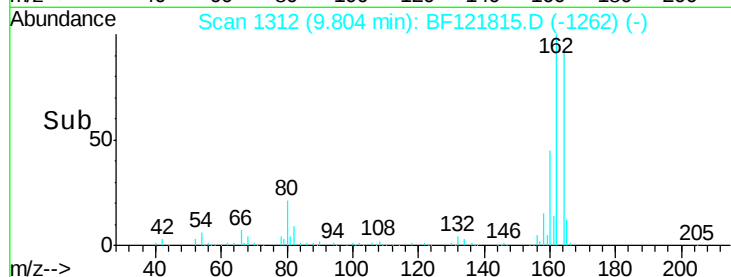
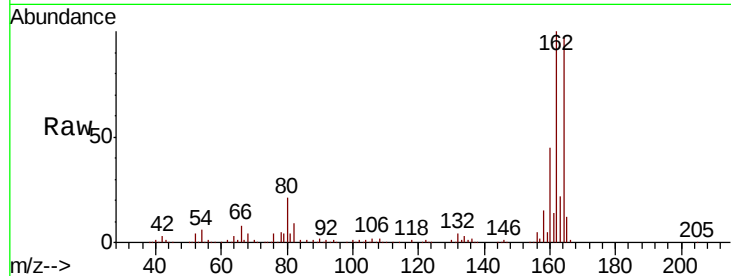
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	83.2	124.8	
160	46.2	37.5	56.3	

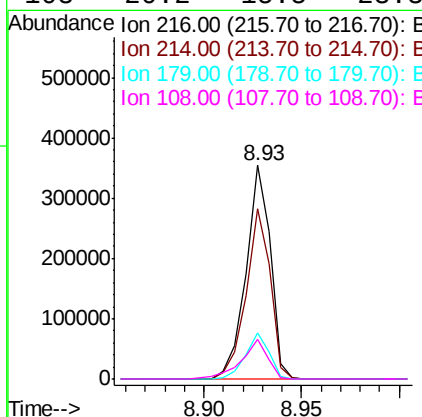
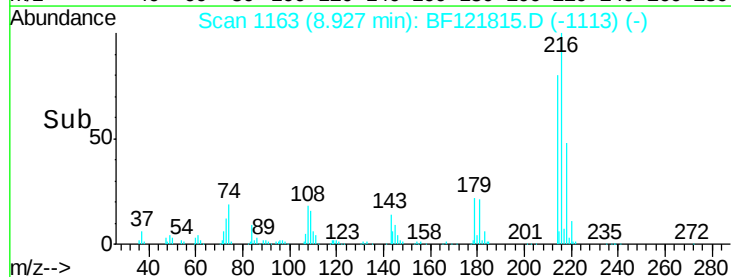
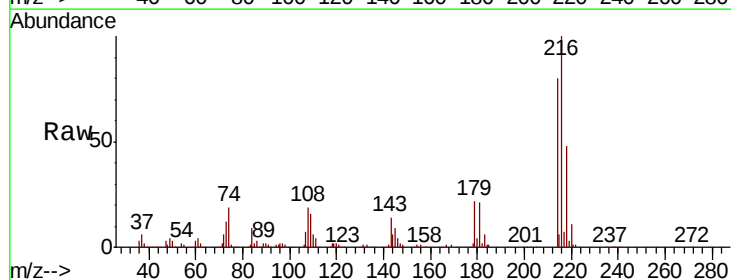
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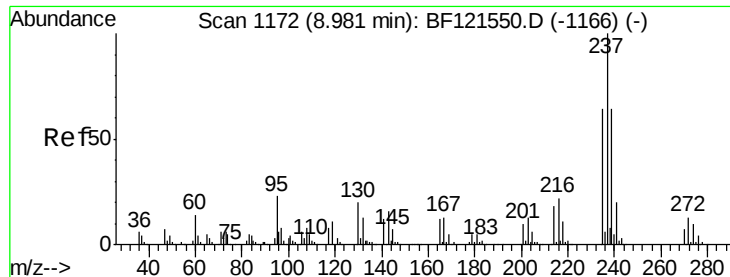
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.683 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.4	95.2	
179	20.9	17.0	25.6	
108	20.2	15.5	23.3	





#41

Hexachlorocyclopentadiene

Concen: 51.056 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

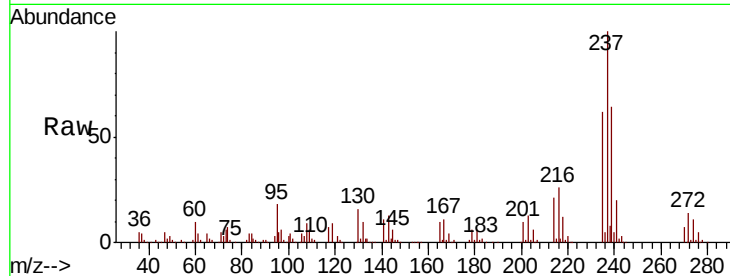
ClientSampleId :

PB-2020-WS-000-01MS

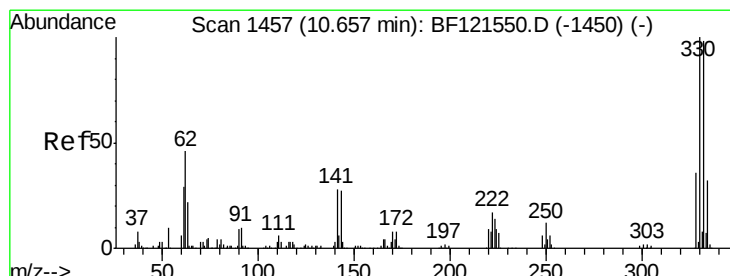
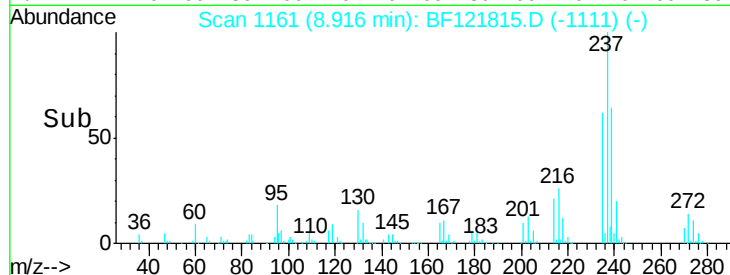
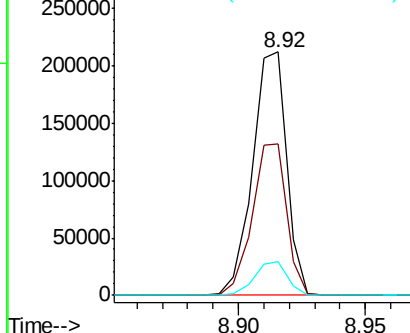
Tot Ion:	237	Resp:	200090
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.8	81.8
272	13.7	0.0	33.5

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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: 132.803 ng

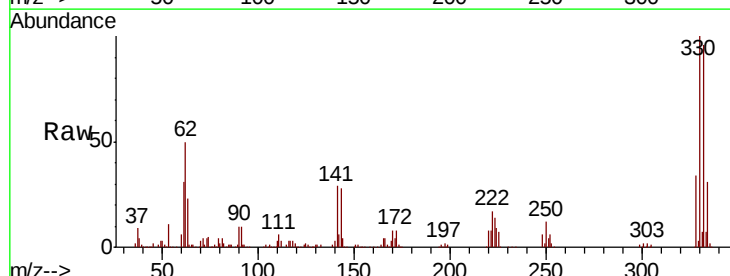
RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

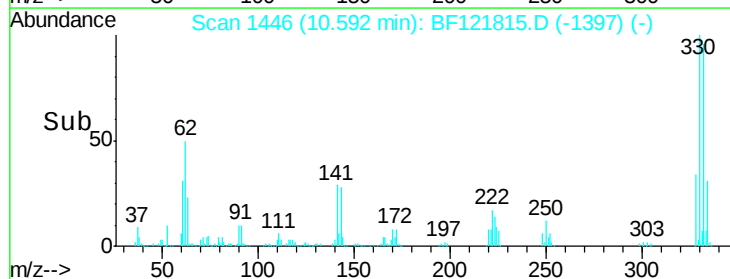
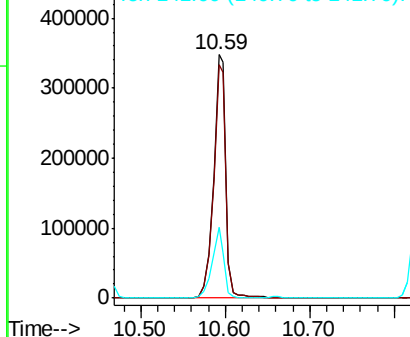
Lab File: BF121815.D

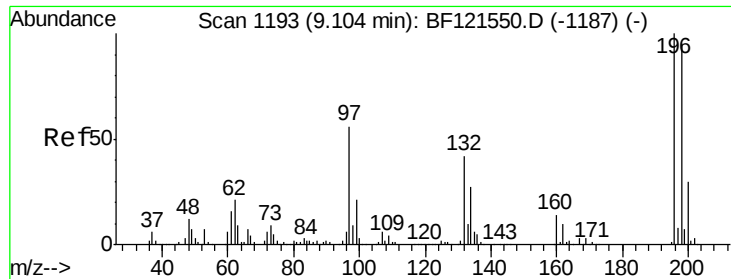
Acq: 5 Oct 2020 13:12

Tgt Ion:	330	Resp:	362620
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.3	115.9
141	27.7	22.3	33.5



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





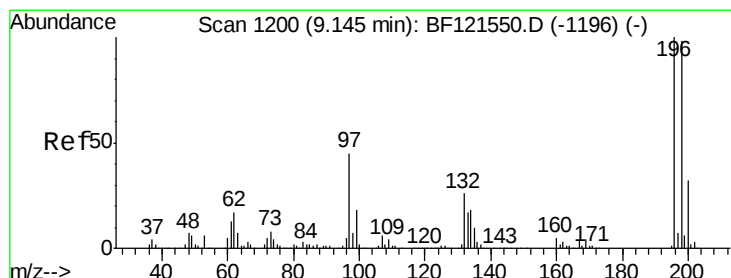
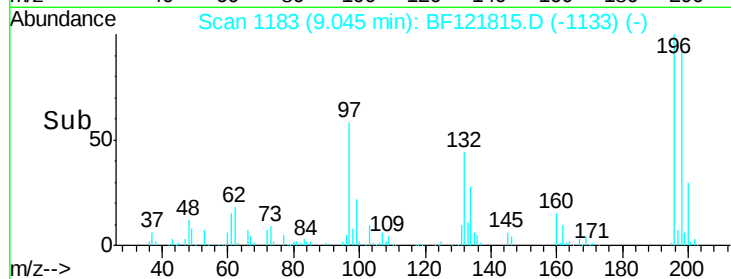
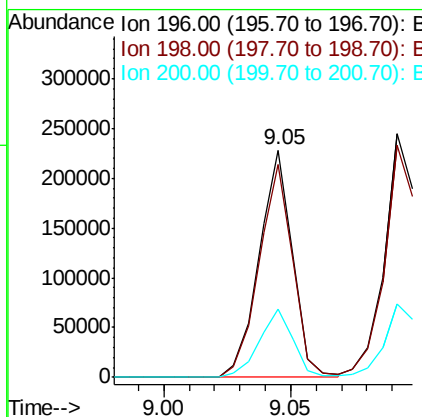
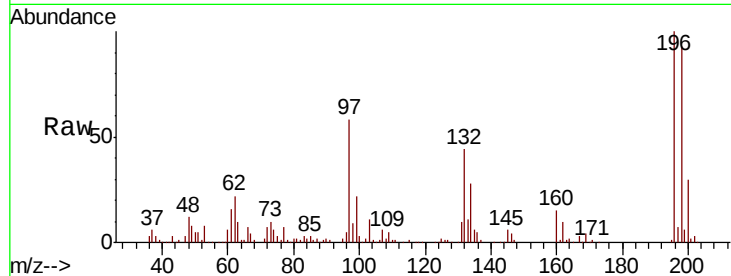
#43
 2,4,6-Trichlorophenol
 Concen: 44.877 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209917		
198	93.4		75.8	113.6
200	30.2		24.6	36.8

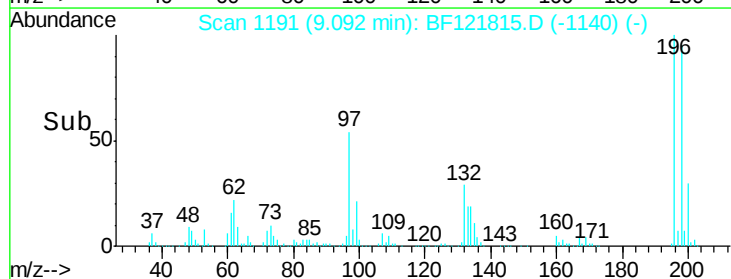
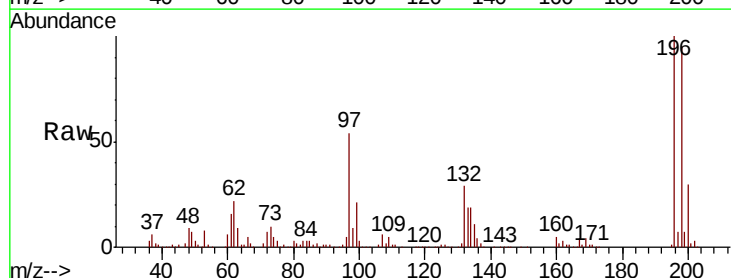
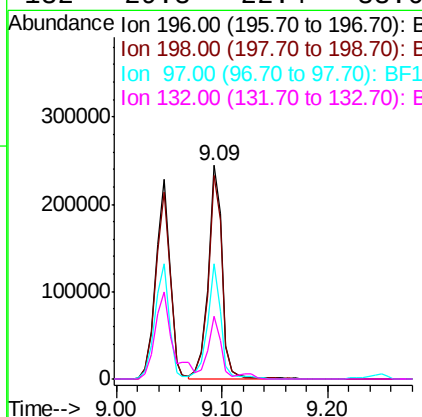
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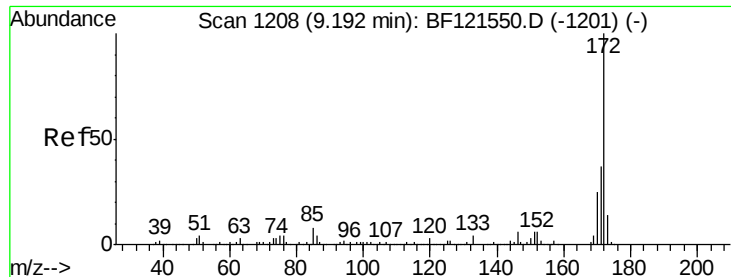
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.220 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223611		
198	95.5		76.1	114.1
97	53.8		41.0	61.6
132	29.3		22.4	33.6





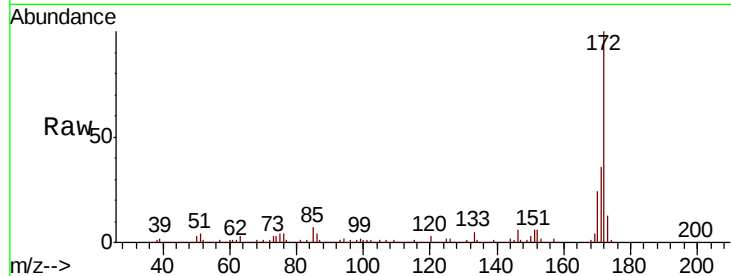
#45
2-Fluorobiphenyl
Concen: 92.085 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.1	19.8	29.6

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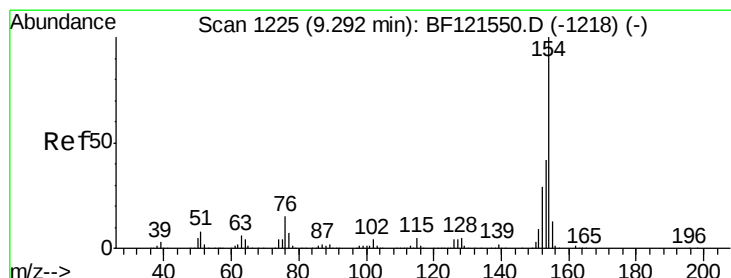
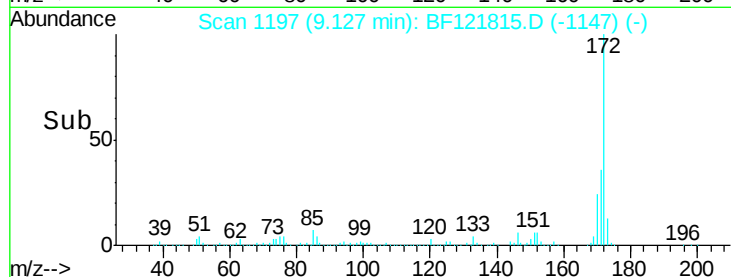
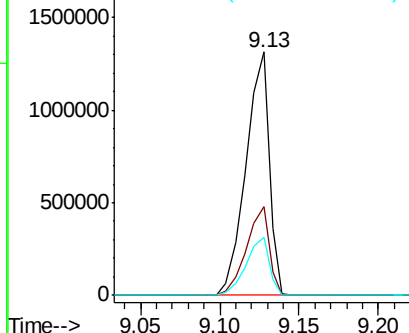


Abundance

Ion 172.00 (171.70 to 172.70): E

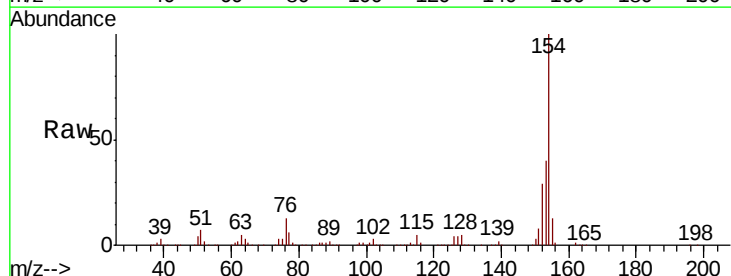
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.771 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	13.2	0.0	34.7

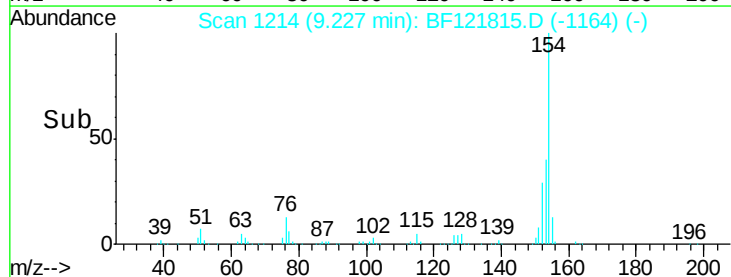
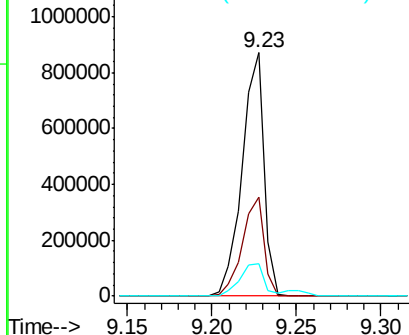


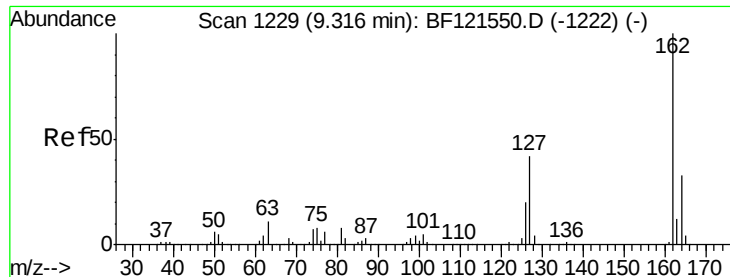
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





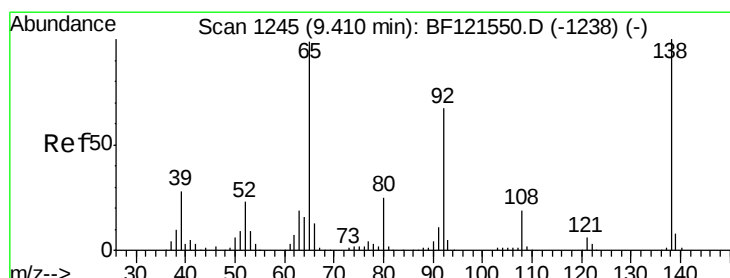
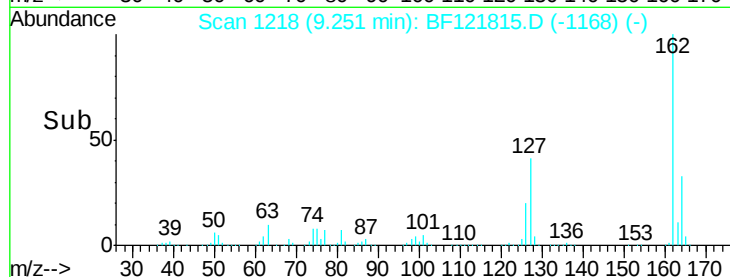
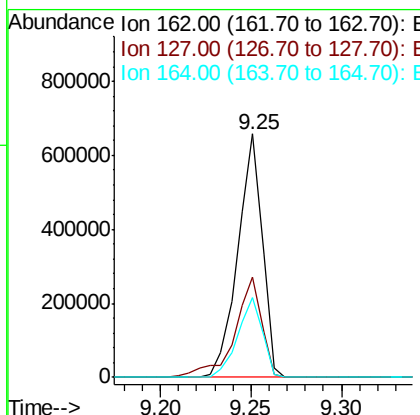
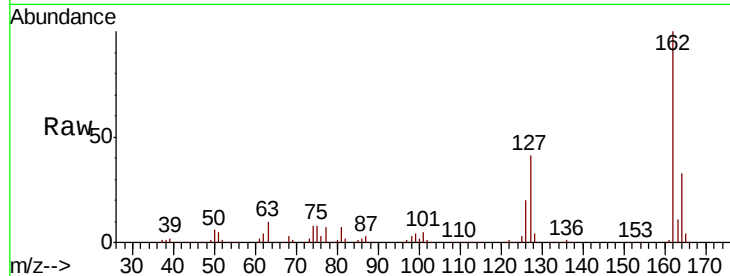
#47
2-Chloronaphthalene
Concen: 44.393 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.4	51.6
164	32.7	26.3	39.5

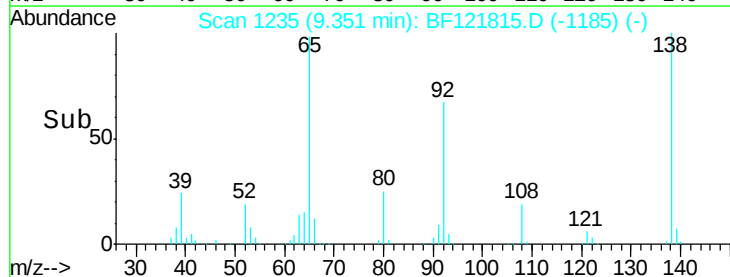
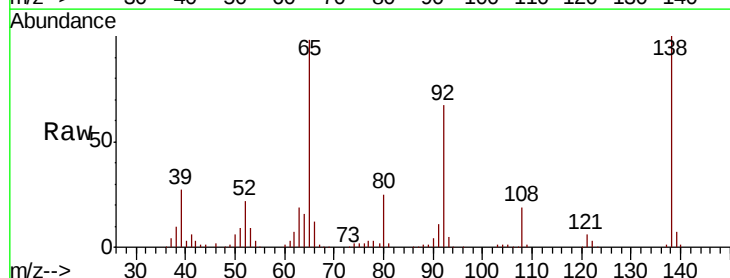
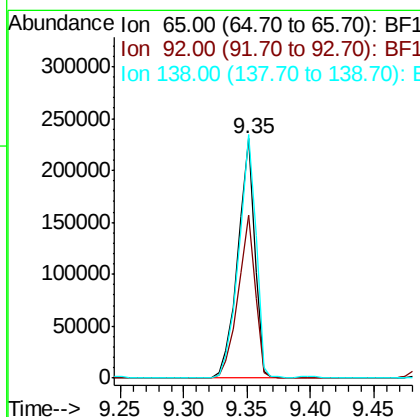
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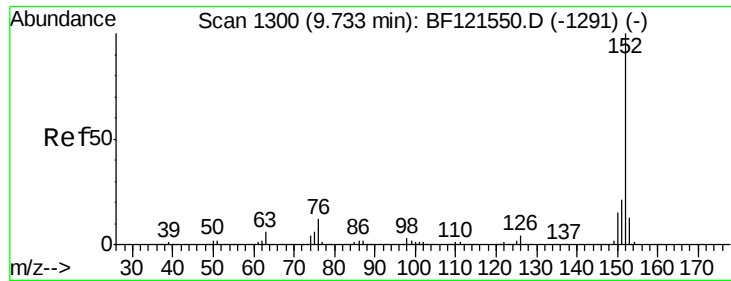
mohammad
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#48
2-Nitroaniline
Concen: 49.294 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	55.1	82.7
138	101.6	80.5	120.7





#49

Acenaphthylene

Concen: 45.082 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

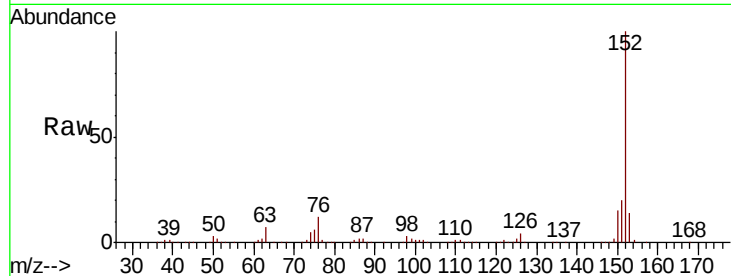
ClientSampleId :

PB-2020-WS-000-01MS

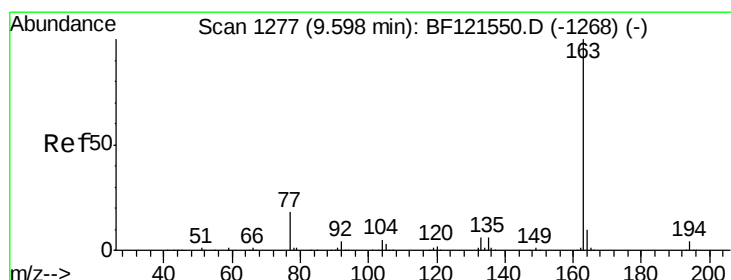
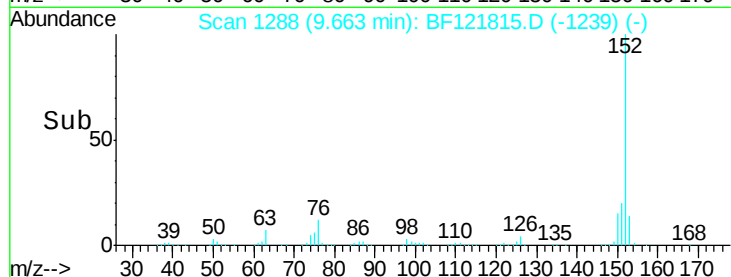
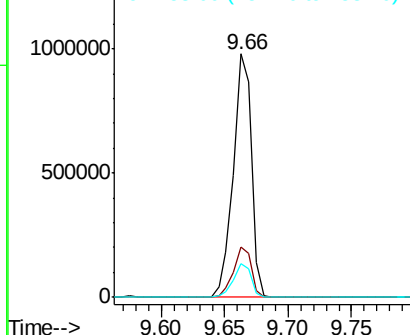
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		960040		
151	20.4	16.4	24.6		
153	13.7	10.6	15.8		

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.822 ng

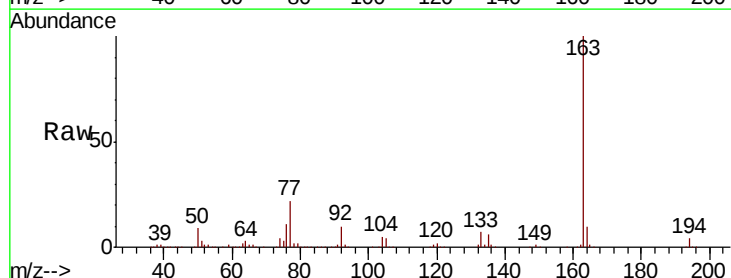
RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

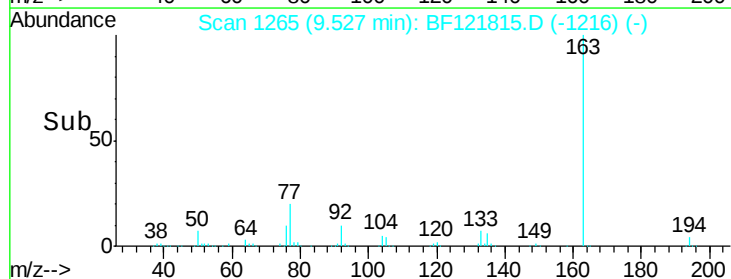
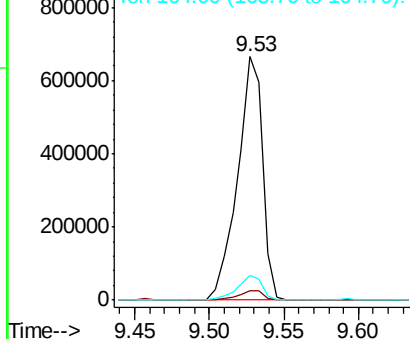
Lab File: BF121815.D

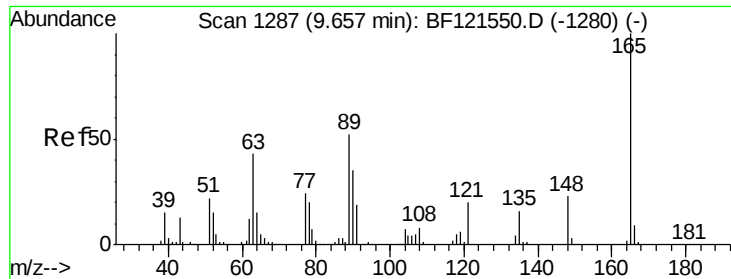
Acq: 5 Oct 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		777407		
194	4.0	3.3	4.9		
164	10.2	8.2	12.4		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





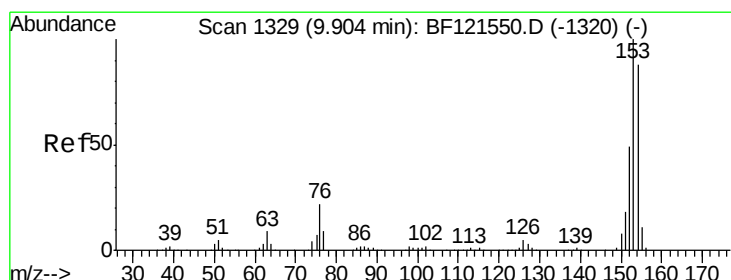
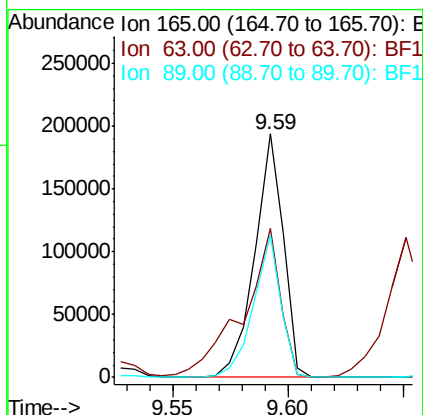
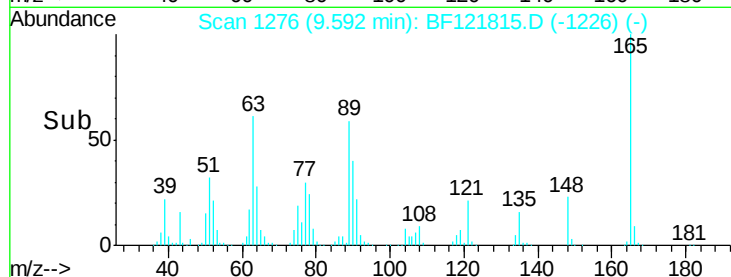
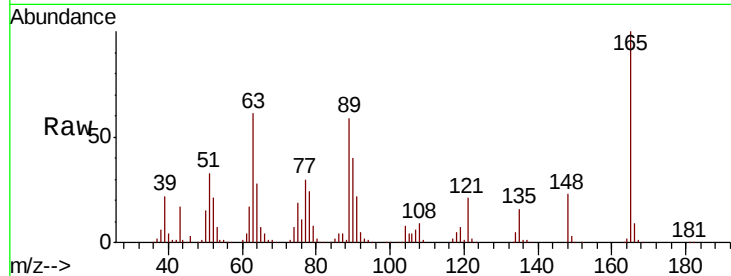
#51
2,6-Dinitrotoluene
Concen: 49.528 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167955		
63	61.2	51.8	77.6	
89	58.7	49.0	73.6	

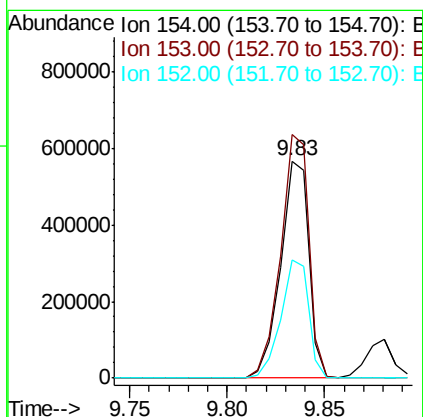
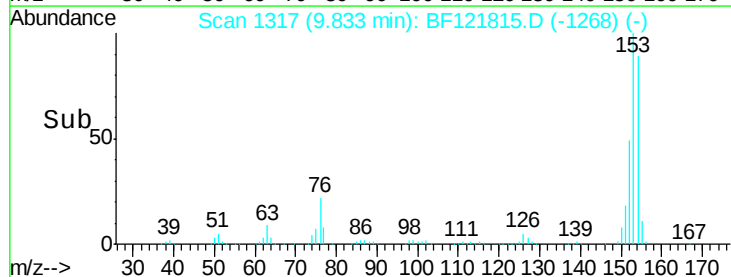
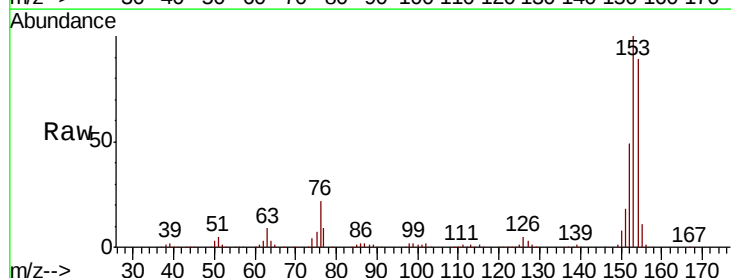
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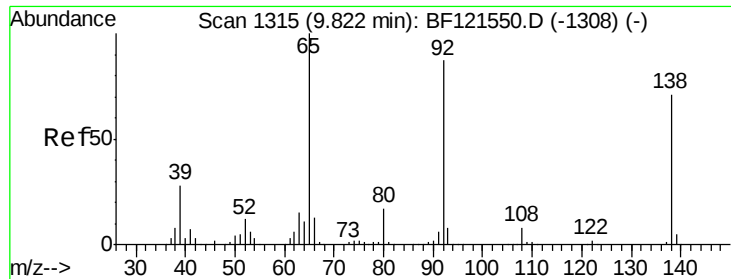
mohammad
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#52
Acenaphthene
Concen: 42.158 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	567035		
153	112.1	89.8	134.8	
152	54.5	43.2	64.8	





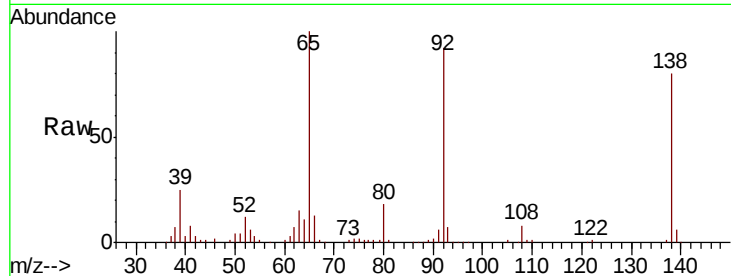
#53
3-Nitroaniline
Concen: 27.409 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	114.2	96.6	144.8

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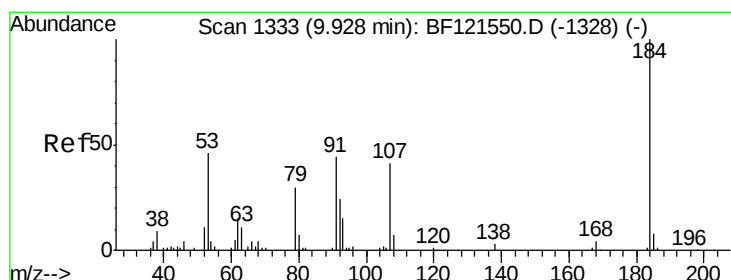
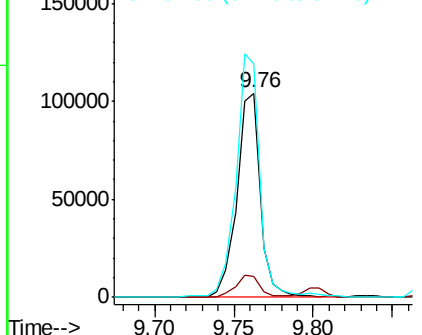
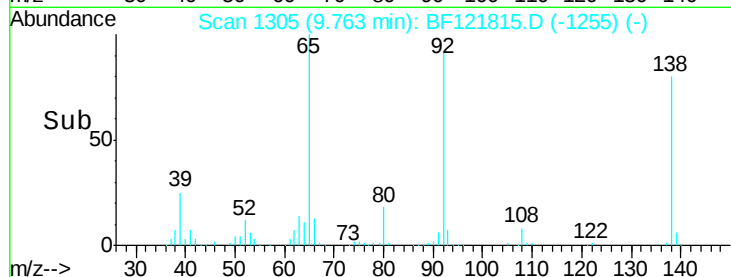


Abundance

Ion 138.00 (137.70 to 138.70): E

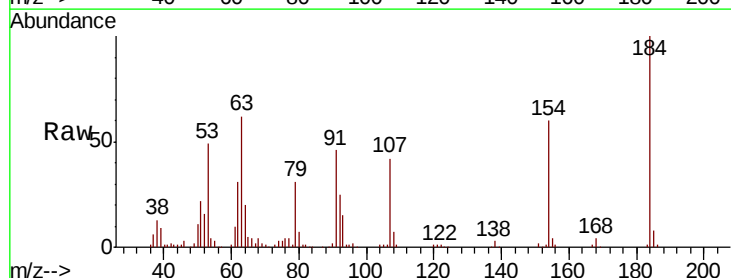
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 86.703 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	45.9	68.9
154	59.8	45.8	68.6

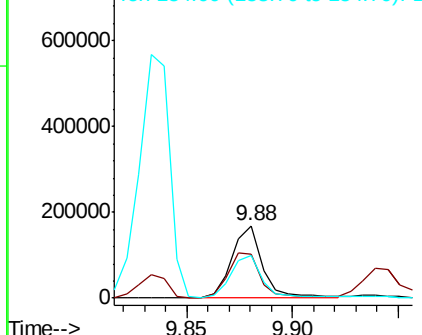
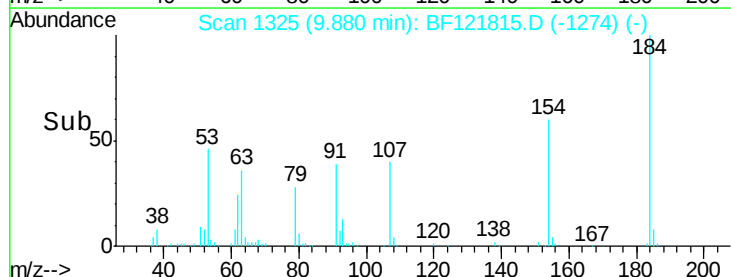


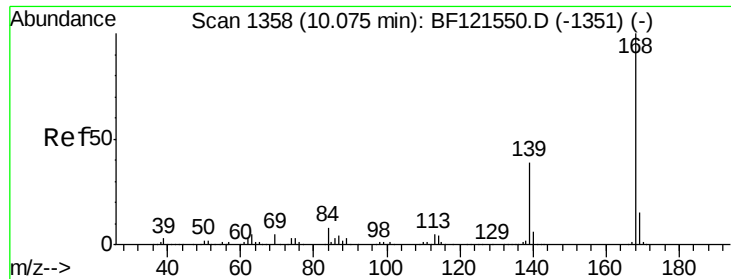
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.640 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

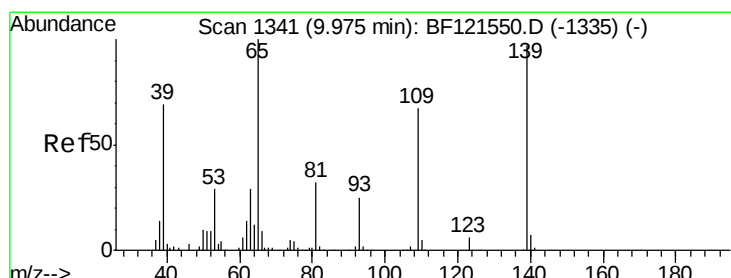
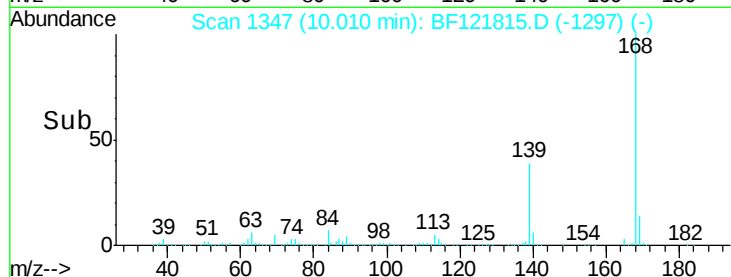
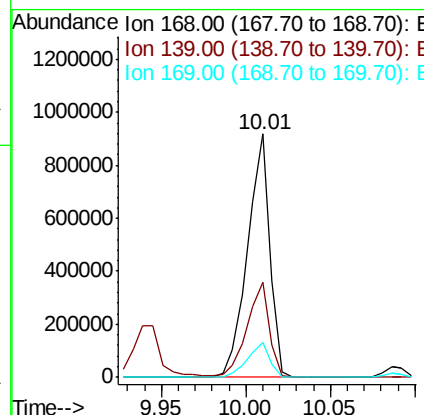
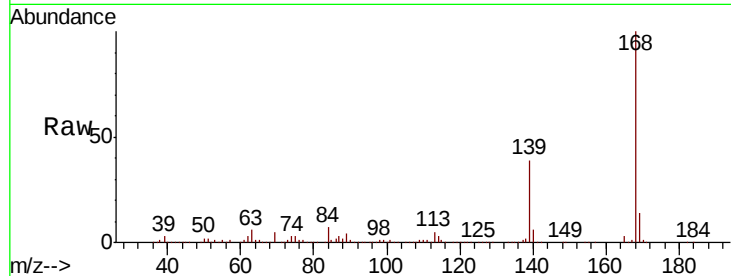
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:168	Resp:	845551
Ion Ratio	Lower	Upper
168	100	
139	38.8	31.0 46.6
169	14.5	11.3 16.9

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#56

4-Nitrophenol

Concen: 70.011 ng

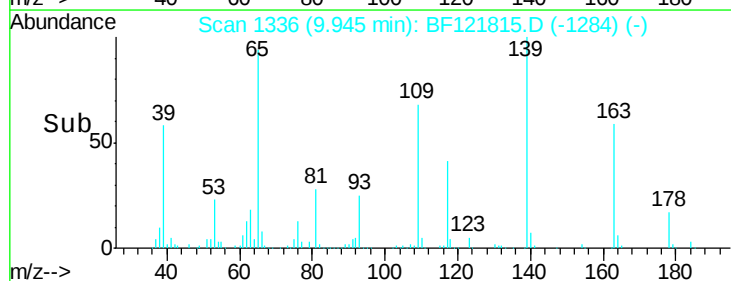
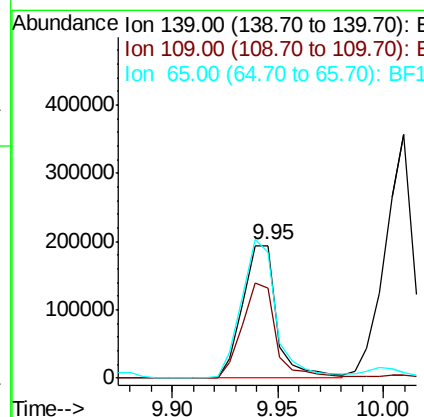
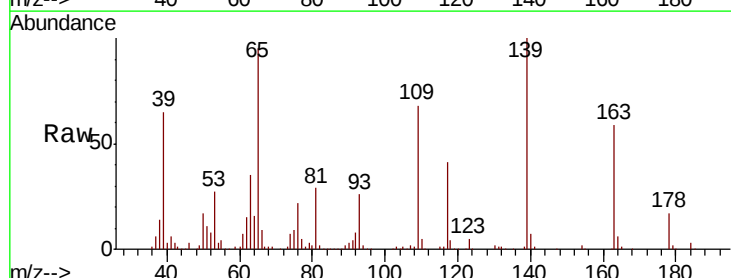
RT: 9.95 min Scan# 1336

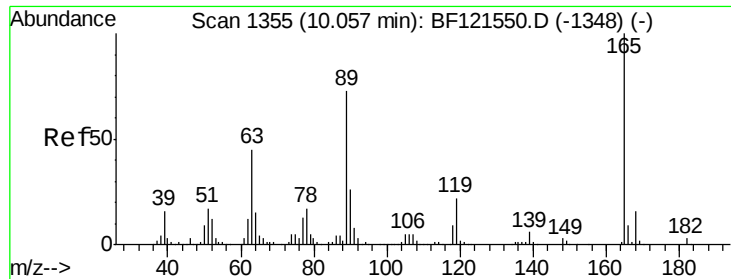
Delta R.T. 0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:139	Resp:	219336
Ion Ratio	Lower	Upper
139	100	
109	68.4	45.4 85.4
65	94.9	68.4 108.4





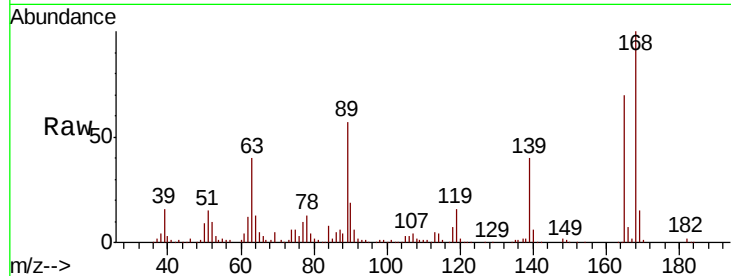
#57
2,4-Dinitrotoluene
Concen: 50.916 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

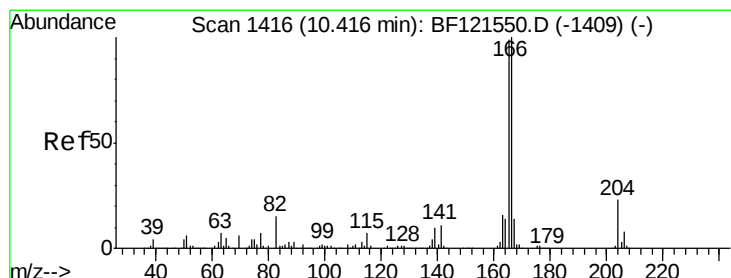
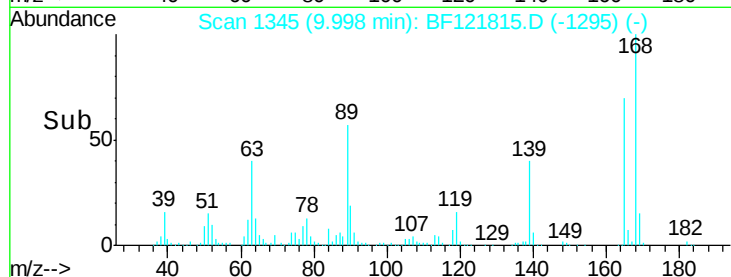
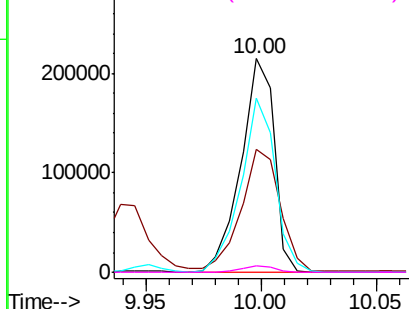
Tot Ion	Ratio	Resp	Lower	Upper
165	100	217219		
63	57.3		41.3	61.9
89	81.4		61.8	92.8
182	2.8		2.1	3.1

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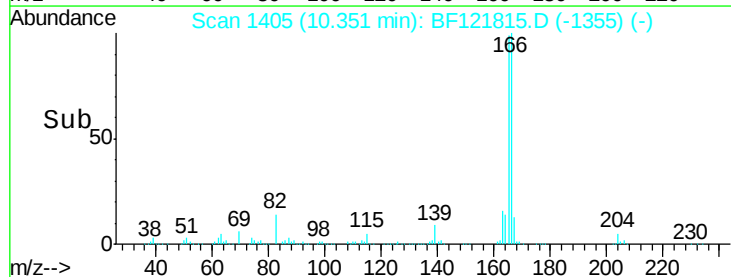
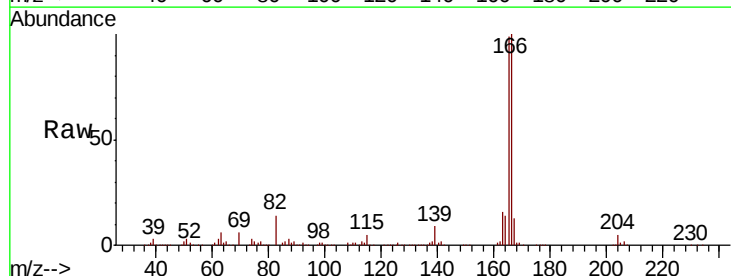
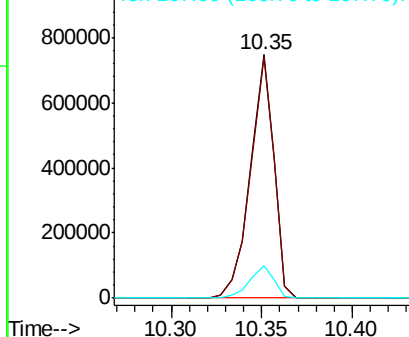
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

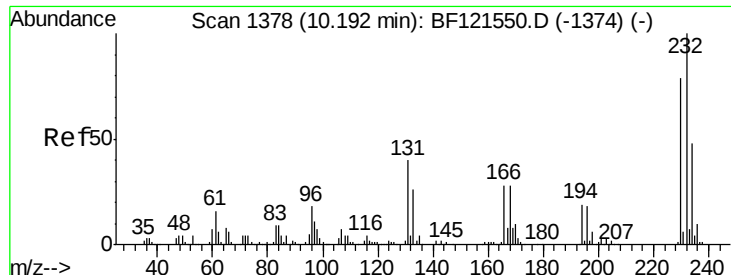


#58
Fluorene
Concen: 46.694 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	676364		
165	99.0		79.1	118.7
167	13.2		11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





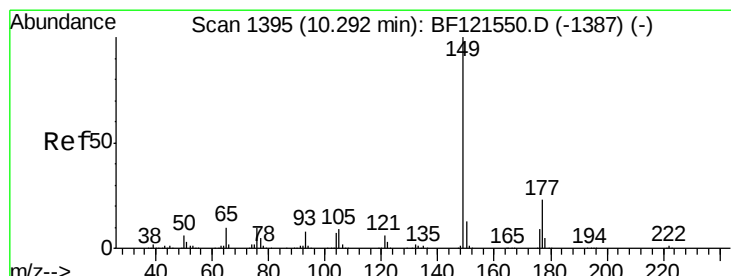
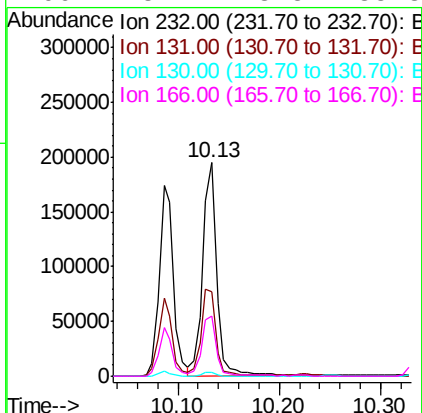
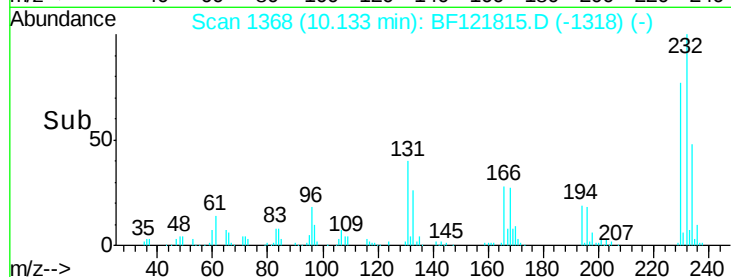
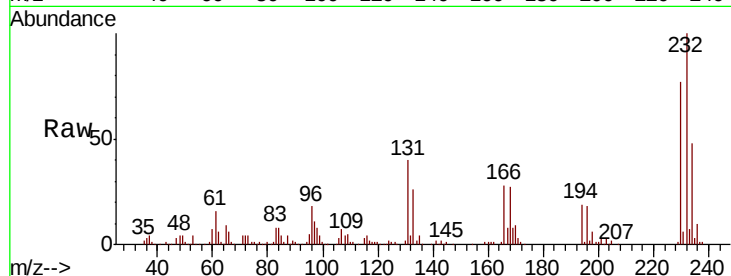
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.813 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		188194		
131	42.6	35.9	53.9		
130	2.1	1.8	2.6		
166	28.7	23.5	35.3		

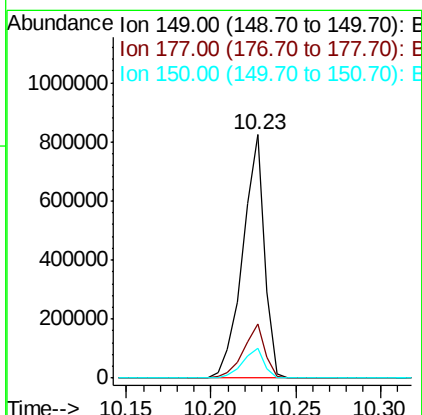
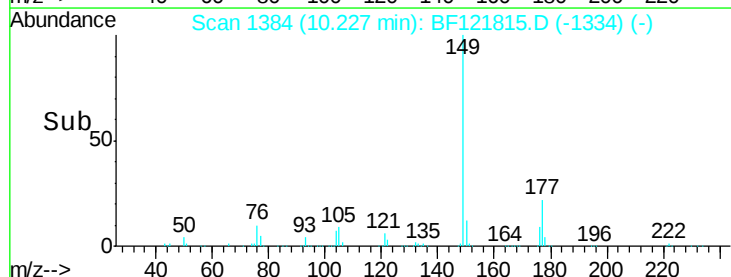
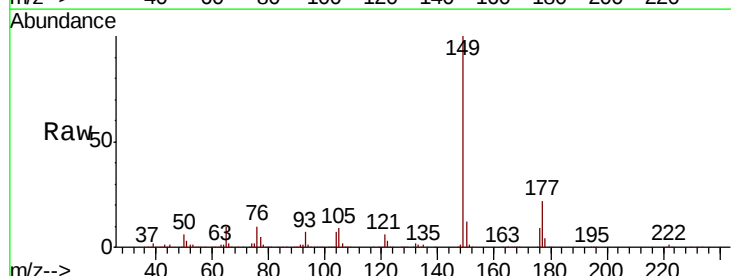
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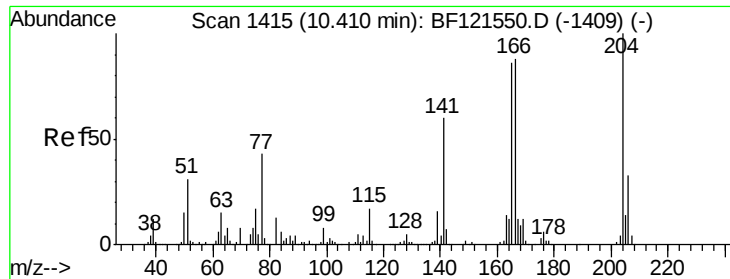
mohammad
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#60
Diethylphthalate
Concen: 47.841 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		742726		
177	22.5	18.1	27.1		
150	12.4	10.3	15.5		





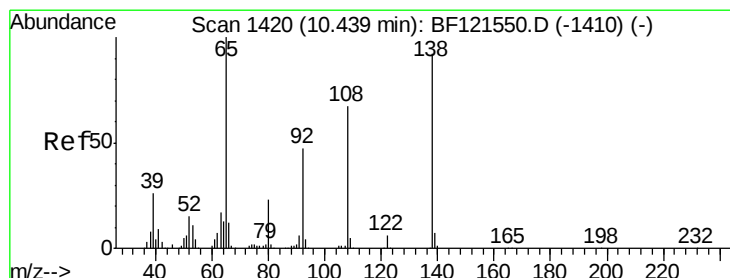
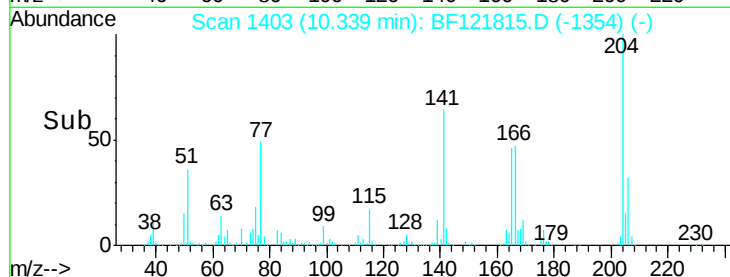
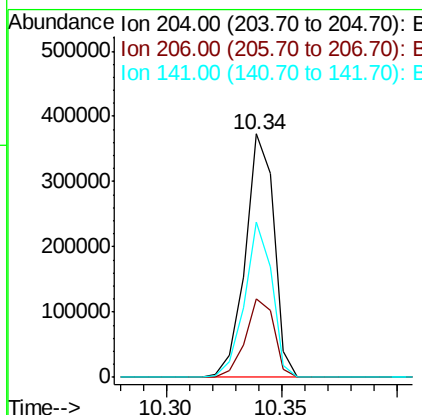
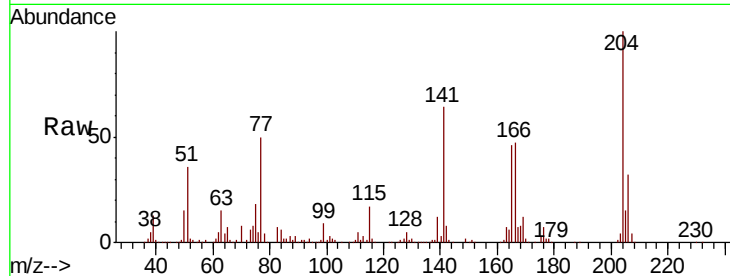
#61
4-Chlorophenyl-phenylether
Concen: 46.697 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	63.9	46.2	69.4

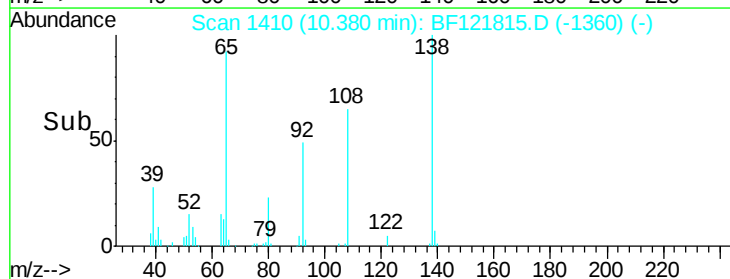
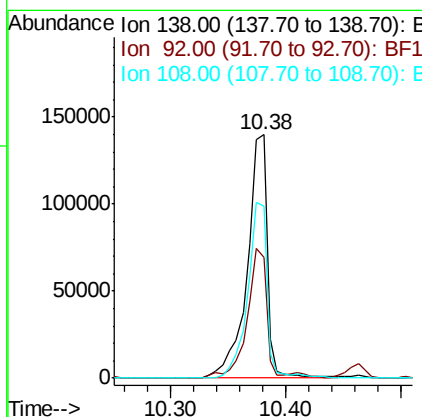
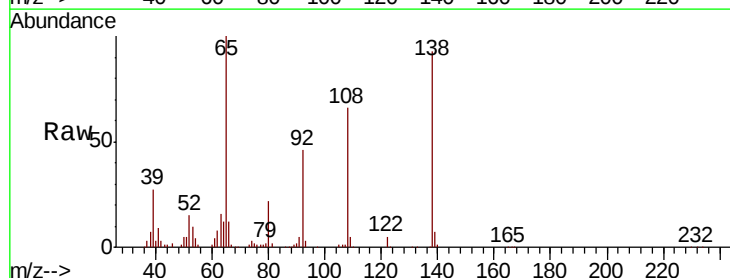
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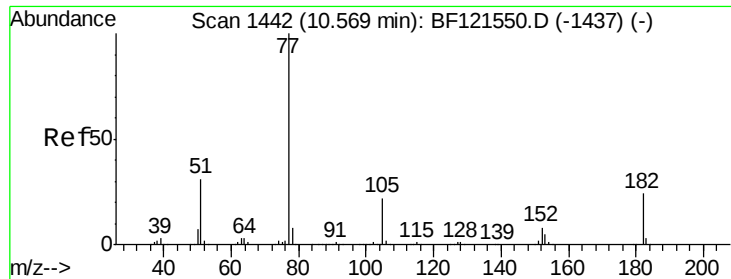
mohammad
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#62
4-Nitroaniline
Concen: 43.504 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	31.0	71.0
108	70.8	51.5	91.5





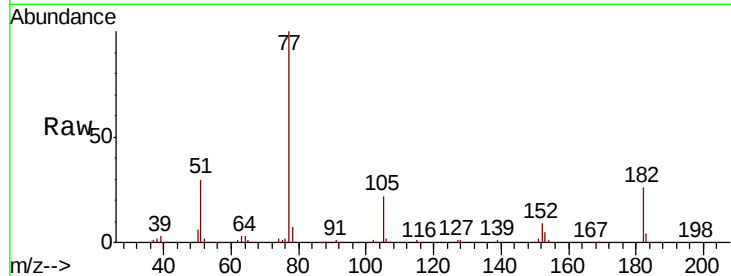
#63
Azobenzene
Concen: 45.607 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	3.4	43.4
105	21.7	1.7	41.7
51	30.5	11.6	51.6

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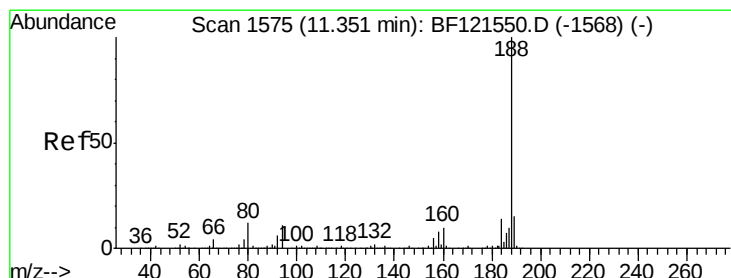
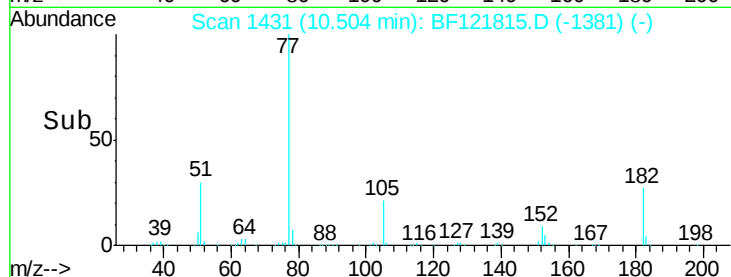
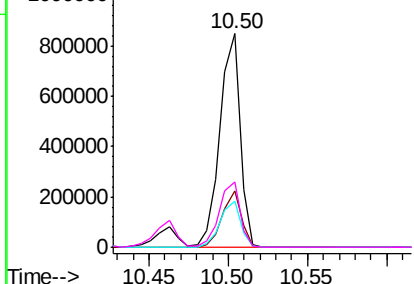


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



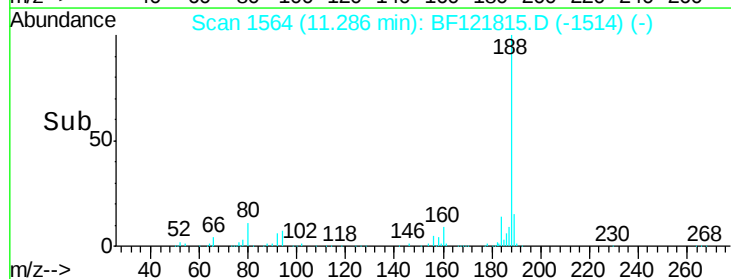
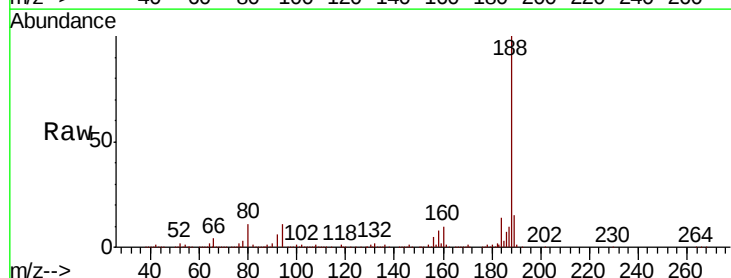
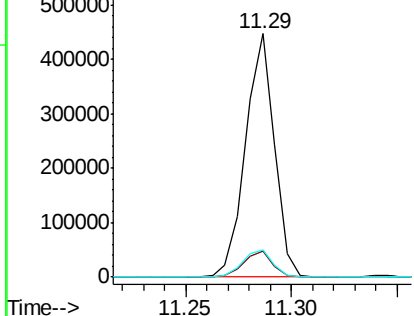
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

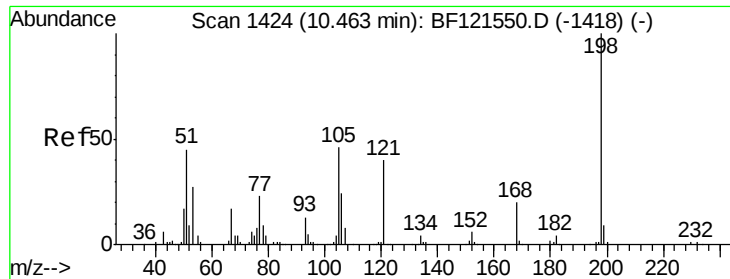
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.3	12.5
80	11.0	9.1	13.7

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





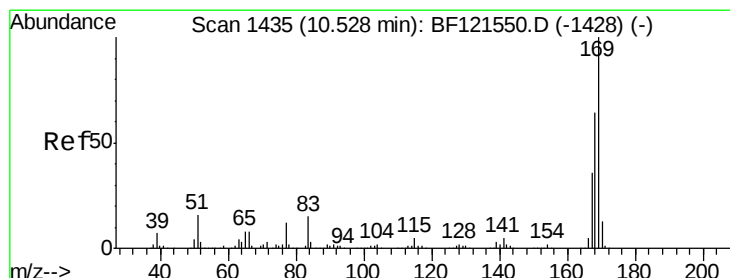
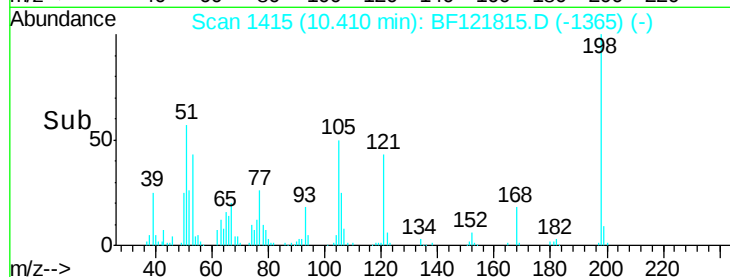
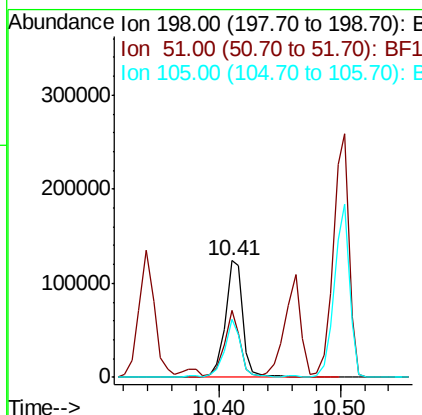
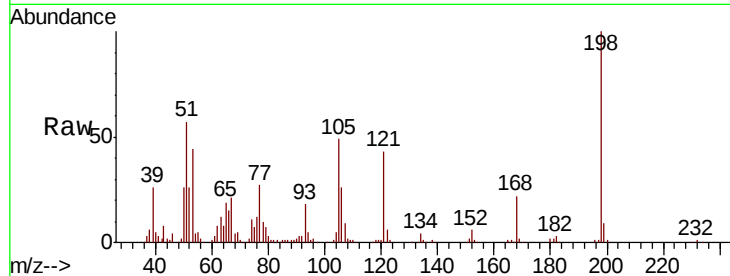
#65
4,6-Dinitro-2-methylphenol
Concen: 48.323 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	57.3	29.6	69.6
105	49.3	24.4	64.4

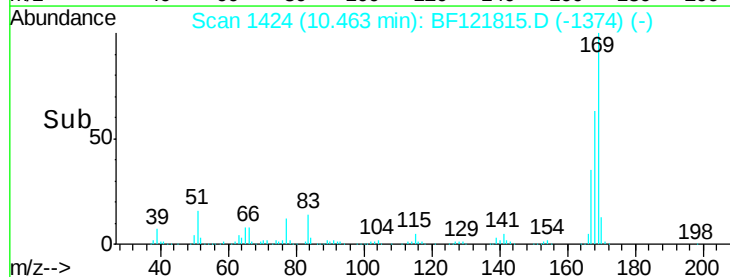
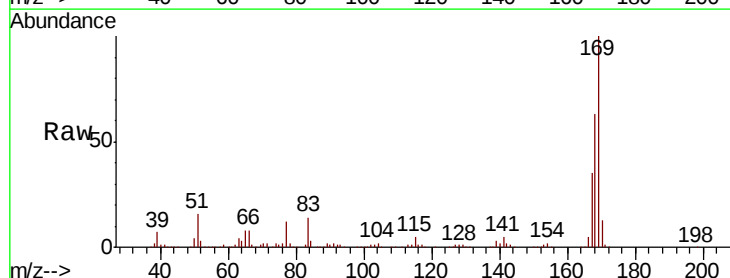
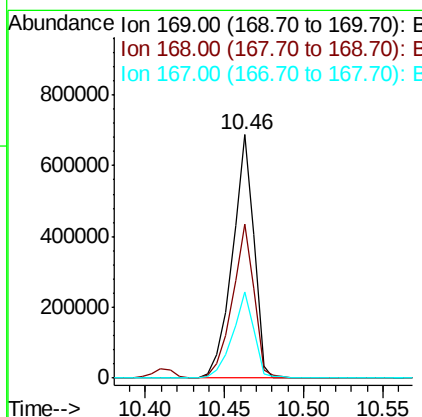
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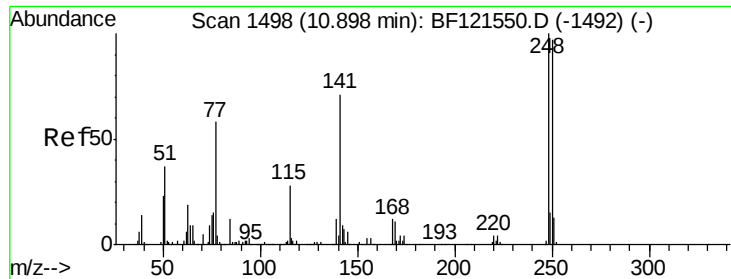
mohammad
10/7/2020 10:35:54 AM



#66
n-Nitrosodiphenylamine
Concen: 44.234 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.0	50.0	75.0
167	35.5	27.8	41.6





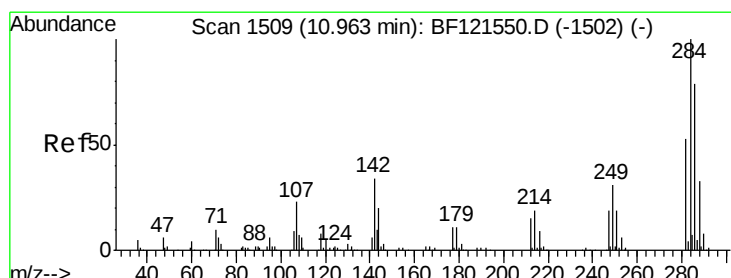
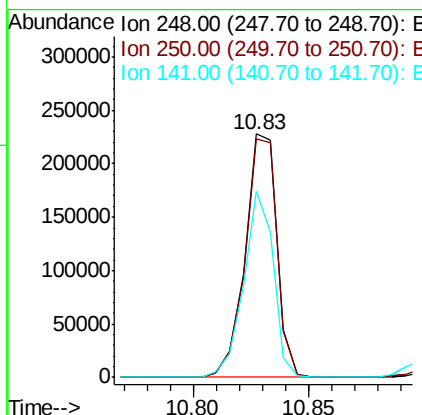
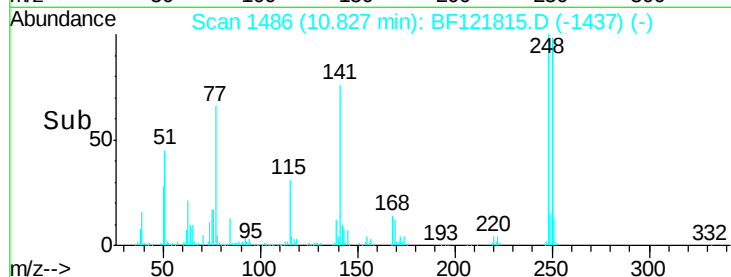
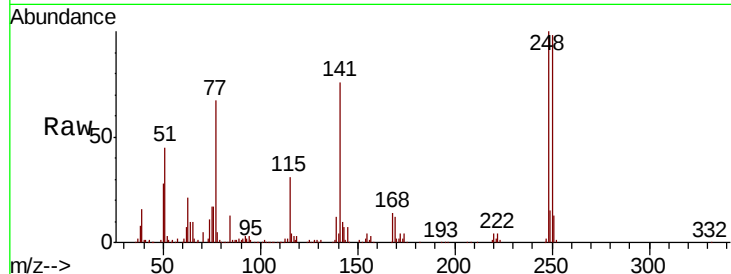
#67
 4-Bromophenyl-phenylether
 Concen: 45.331 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion:	248	Resp:	219276
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.0	115.6
141	76.2	53.7	80.5

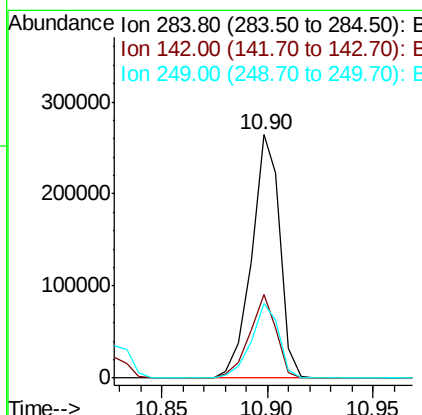
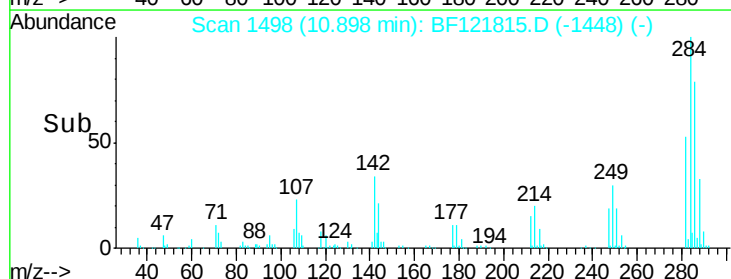
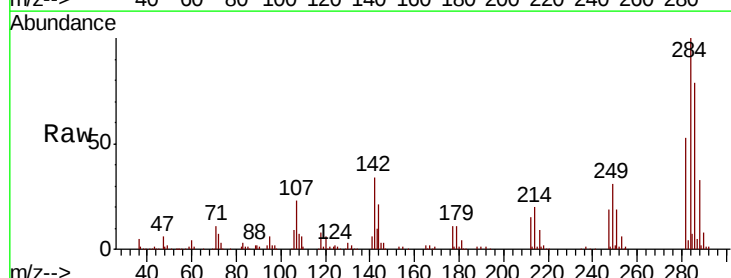
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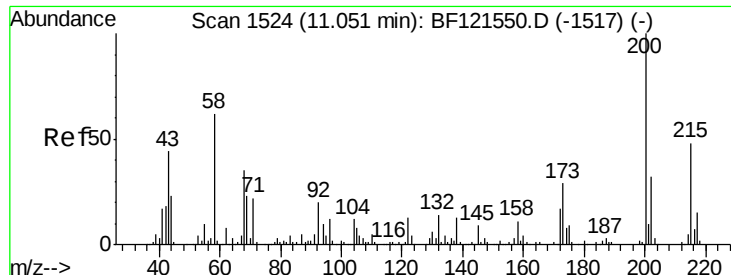
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.940 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion:	284	Resp:	245320
Ion Ratio	Lower	Upper	
284	100		
142	34.4	27.4	41.2
249	30.8	24.2	36.4





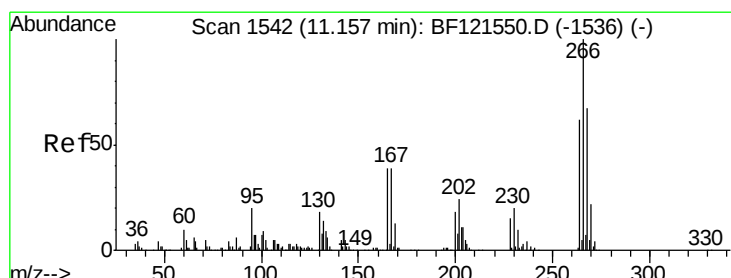
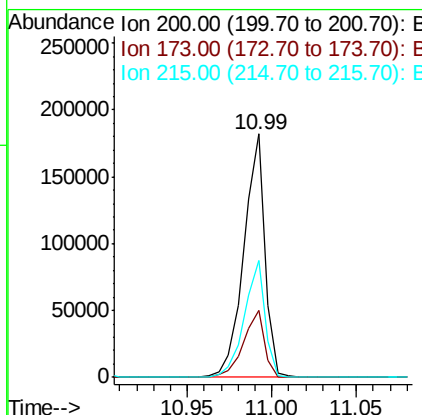
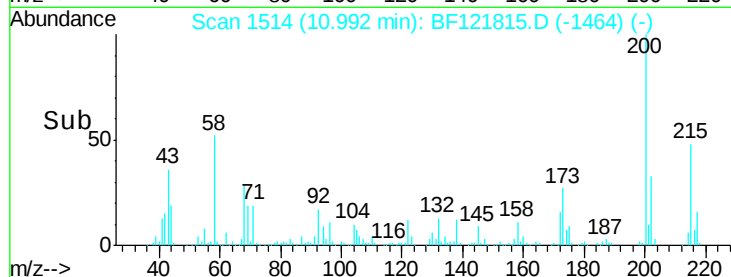
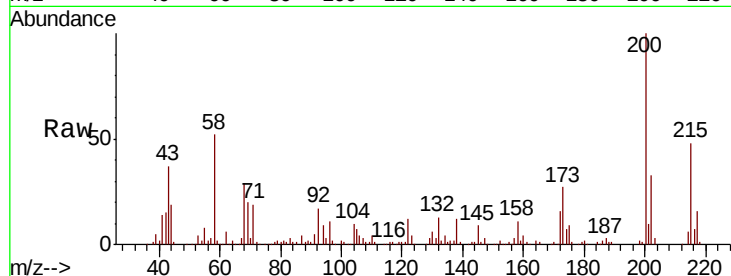
#69
Atrazine
Concen: 43.920 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	48.1	27.1	67.1

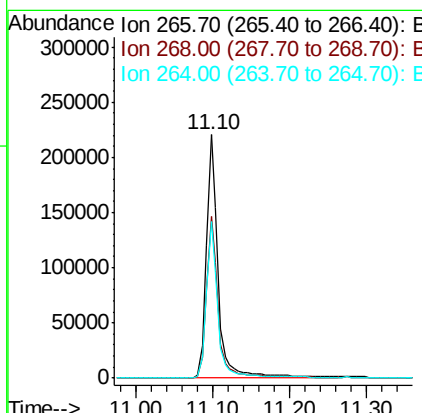
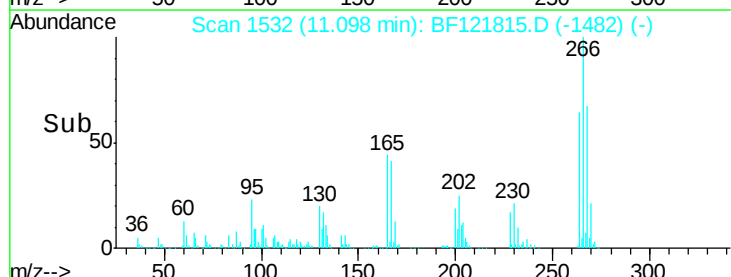
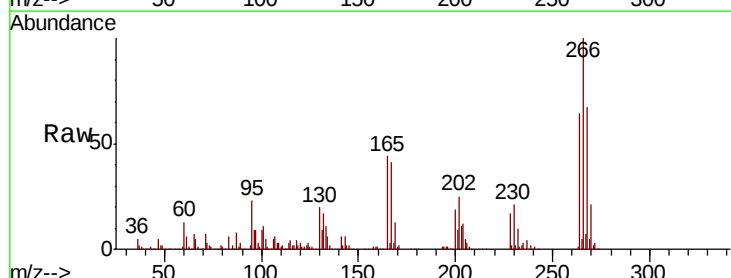
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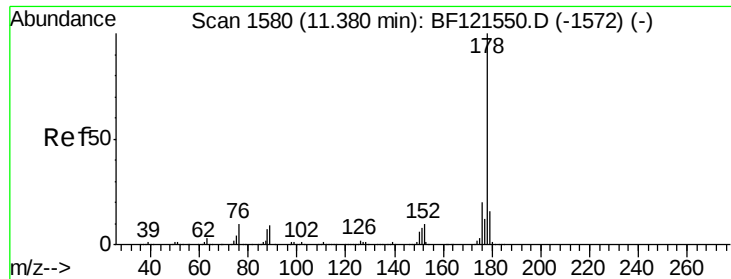
mohammad
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#70
Pentachlorophenol
Concen: 78.815 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	52.4	78.6
264	64.1	49.9	74.9





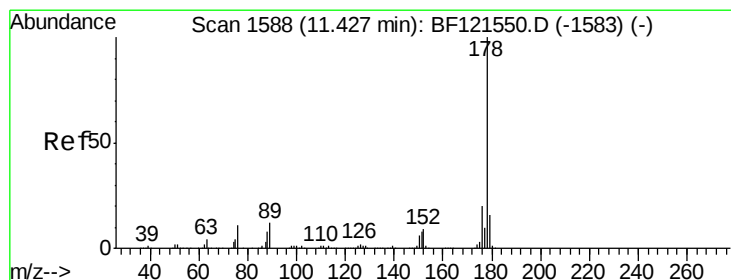
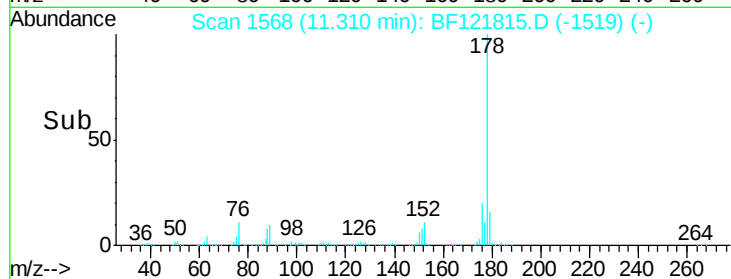
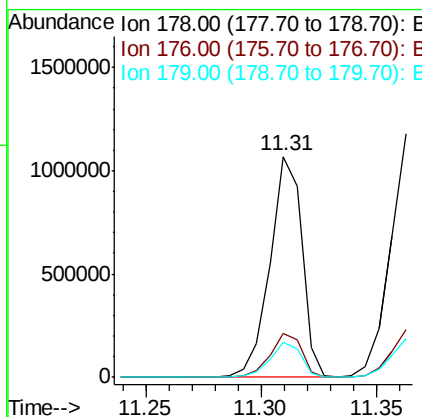
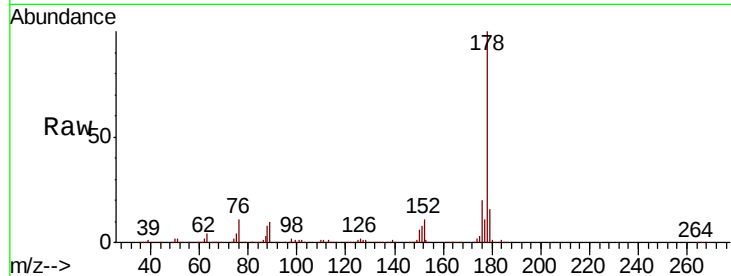
#71
Phenanthrene
Concen: 44.376 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion:178 Resp: 1027210
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.6 12.2 18.4

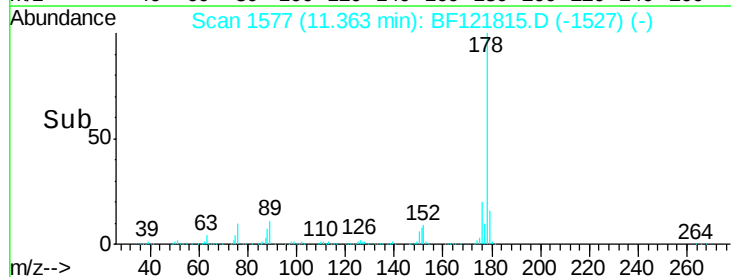
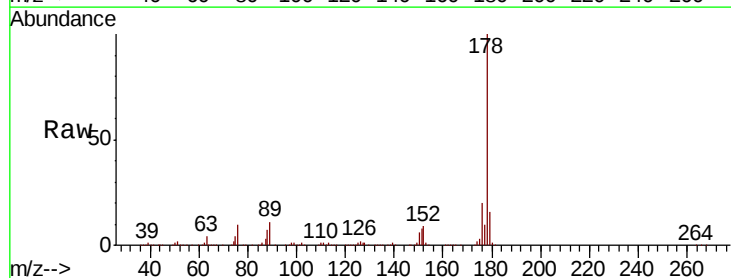
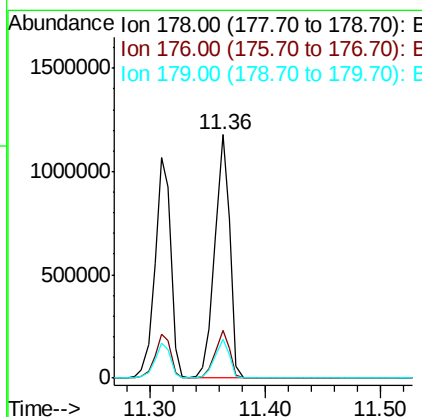
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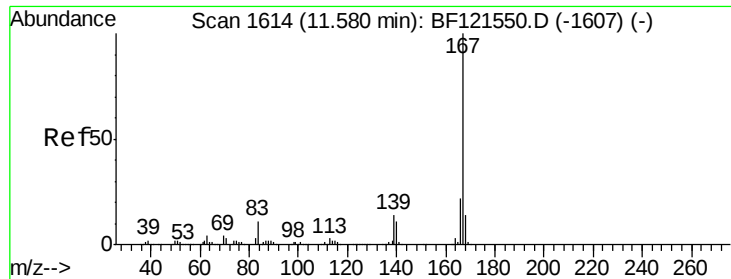
mohammad
10/7/2020 10:35:54 AM



#72
Anthracene
Concen: 44.409 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion:178 Resp: 1060826
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.7 19.1





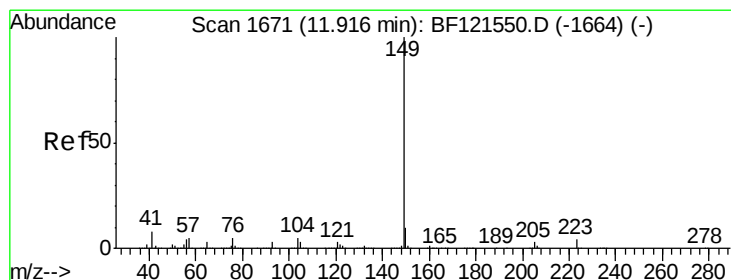
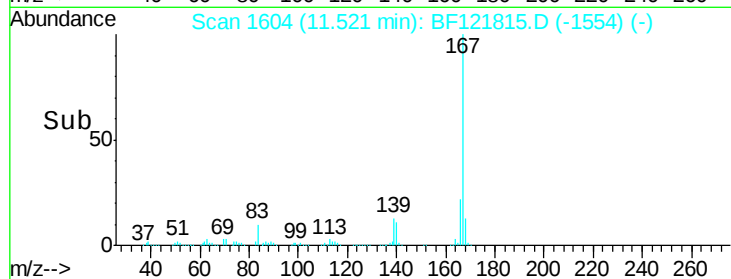
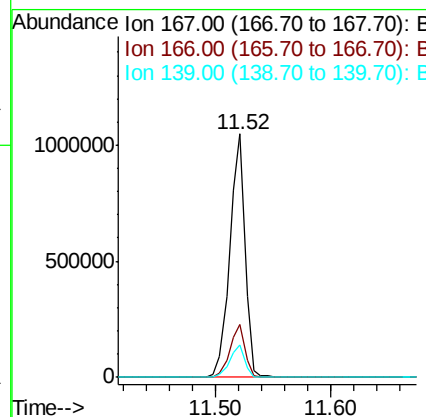
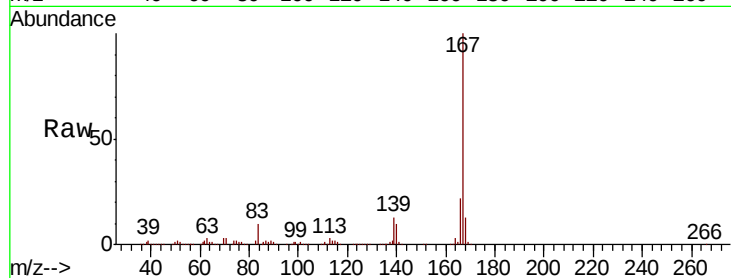
#73
 Carbazole
 Concen: 44.596 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.6
139	13.4	10.8	16.2

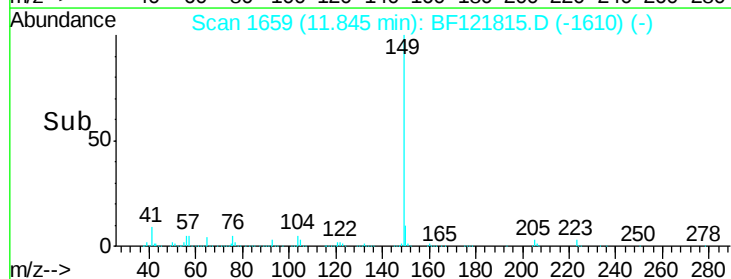
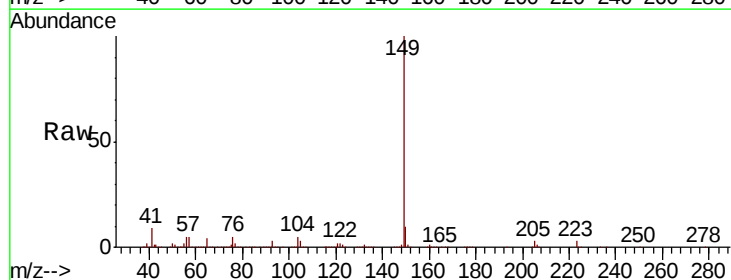
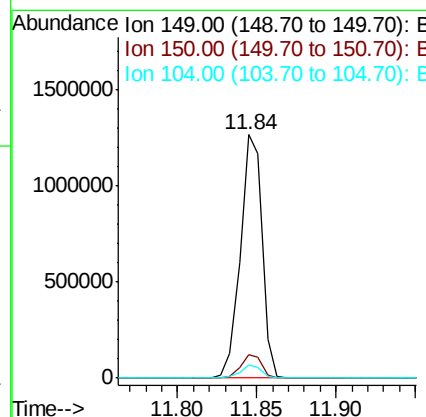
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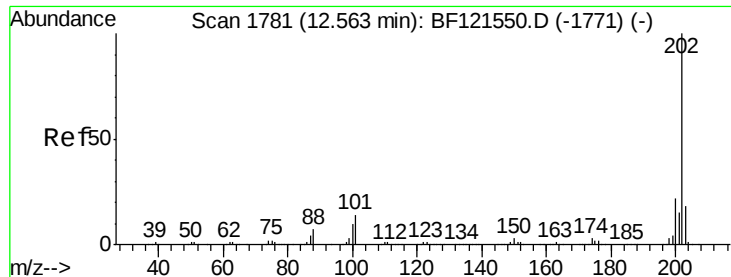
mohammad
 10/7/2020 10:35:54 AM



#74
 Di-n-butylphthalate
 Concen: 48.096 ng
 RT: 11.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.2	6.2





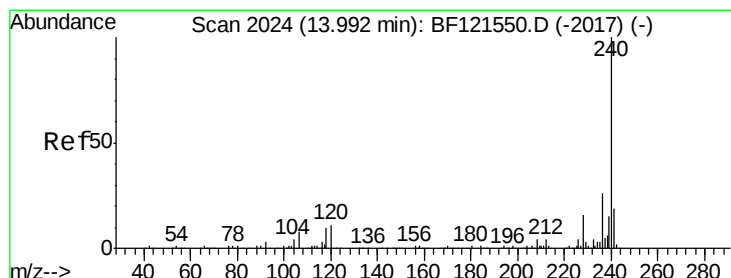
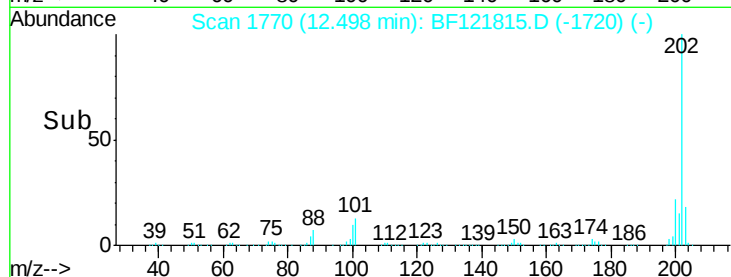
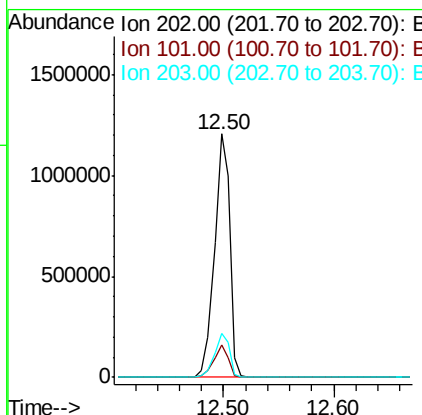
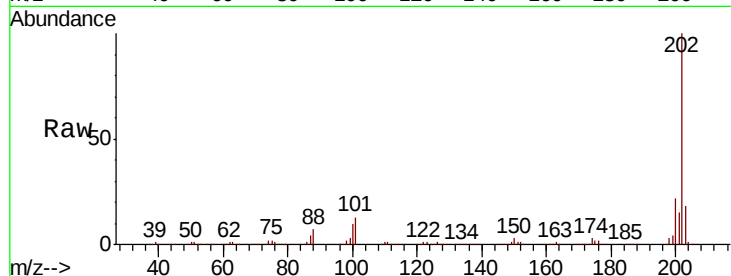
#75
Fluoranthene
Concen: 45.905 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.4
203	18.1	0.0	37.9

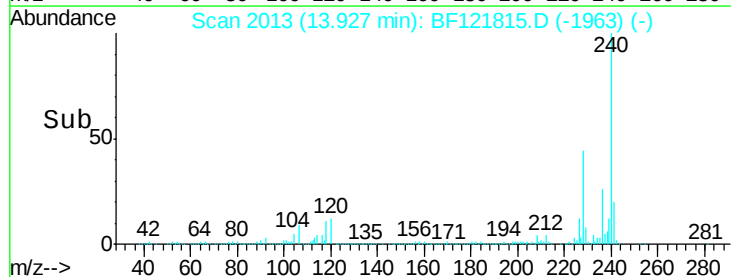
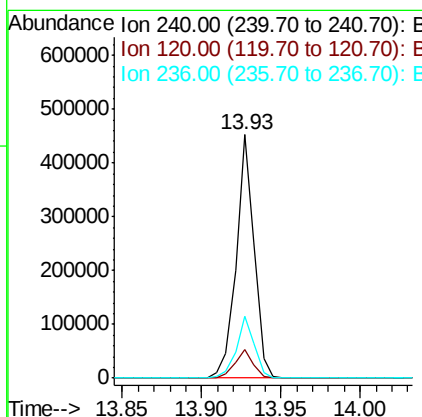
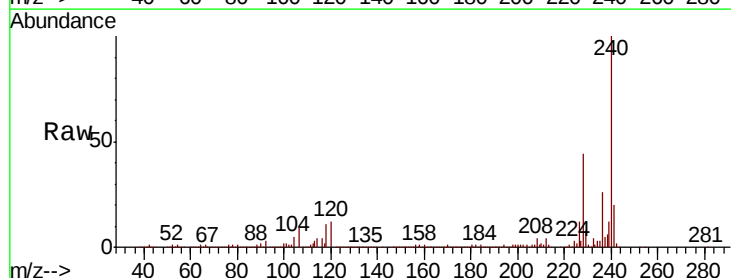
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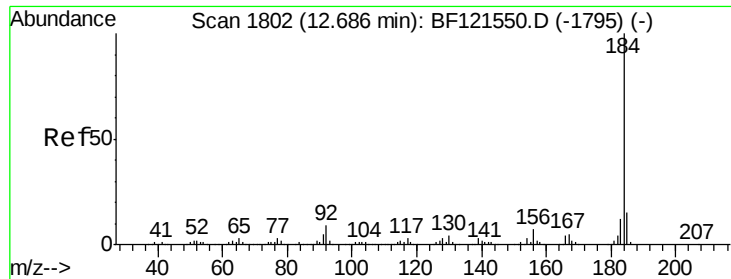
mohammad
10/7/2020 10:35:54 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.2	13.8
236	25.5	20.9	31.3





#77

Benzidine

Concen: 4.427 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

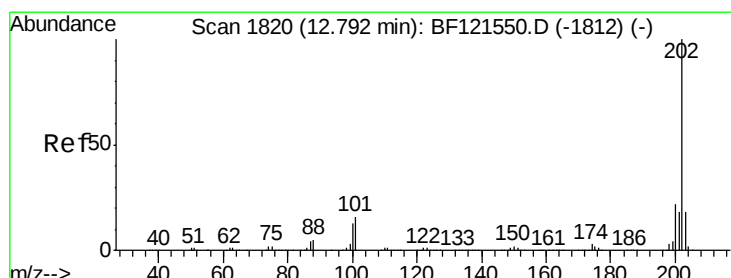
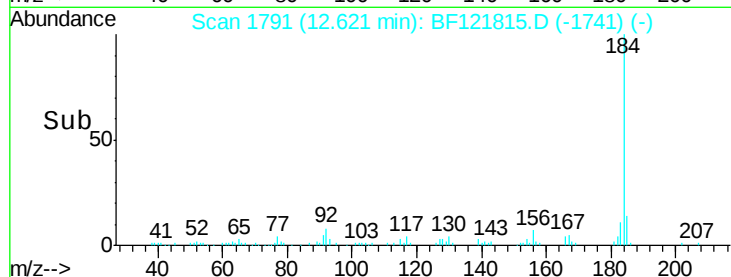
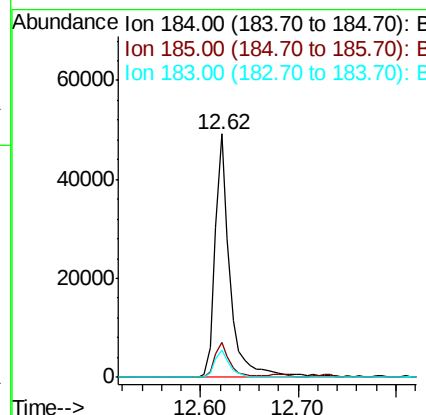
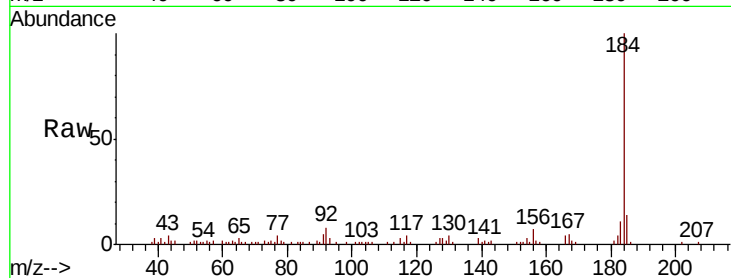
ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:	184	Resp:	52126
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.6	17.4
183	11.3	9.4	14.0

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#78

Pyrene

Concen: 44.708 ng

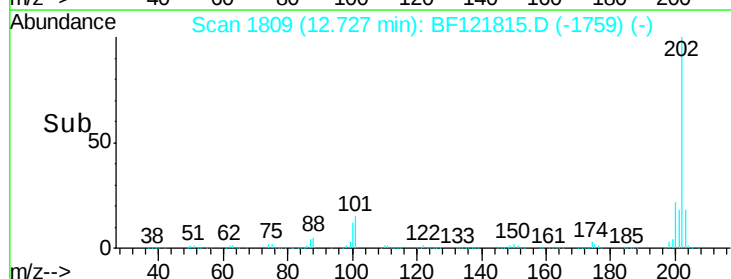
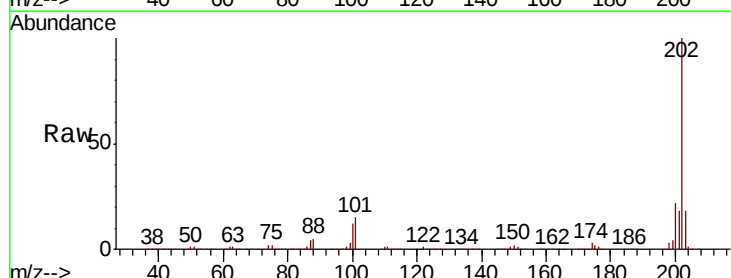
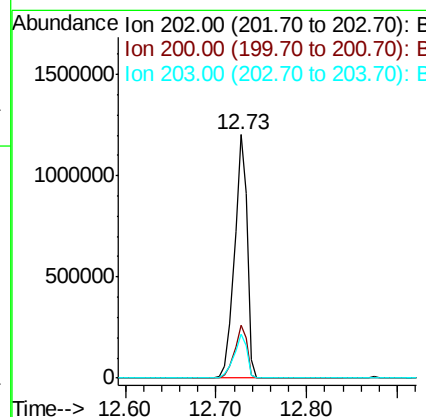
RT: 12.73 min Scan# 1809

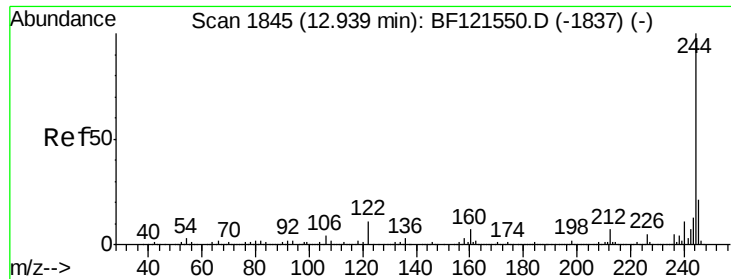
Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Tgt Ion:	202	Resp:	1160106
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.0	14.6	21.8





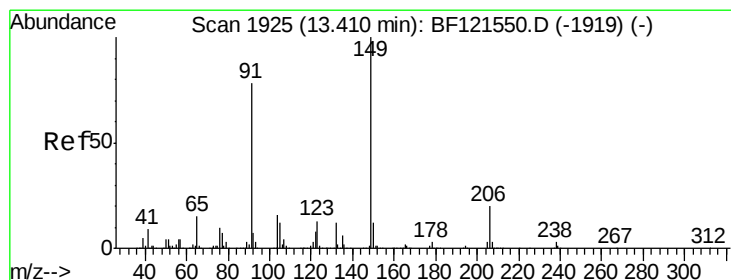
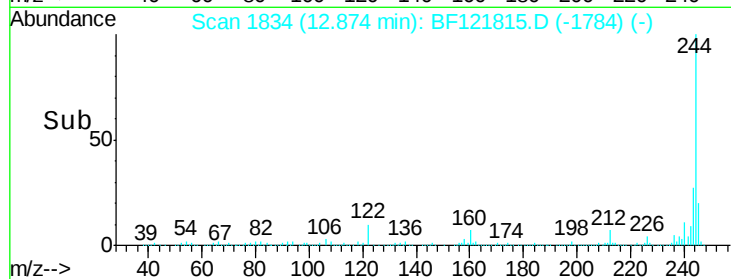
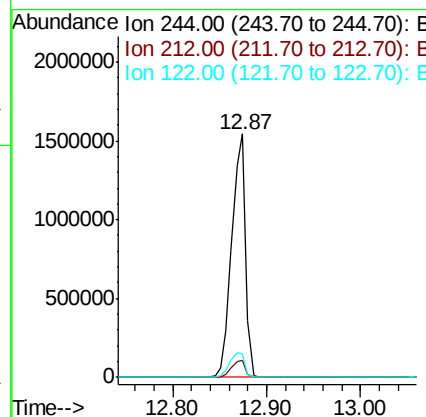
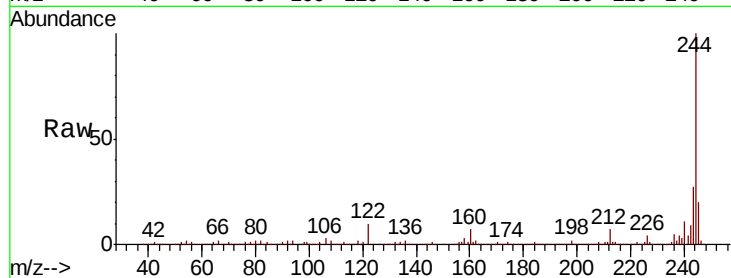
#79
 Terphenyl-d14
 Concen: 89.619 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.7	8.1	12.1

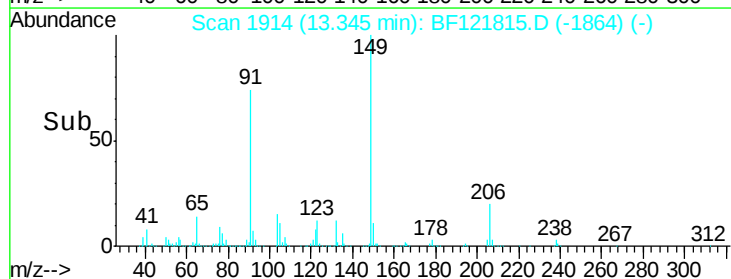
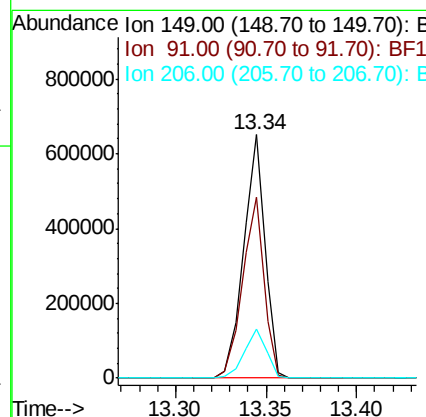
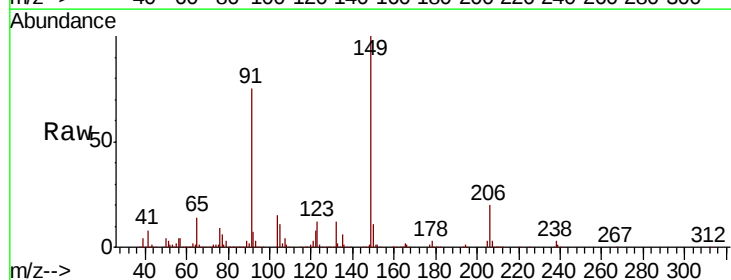
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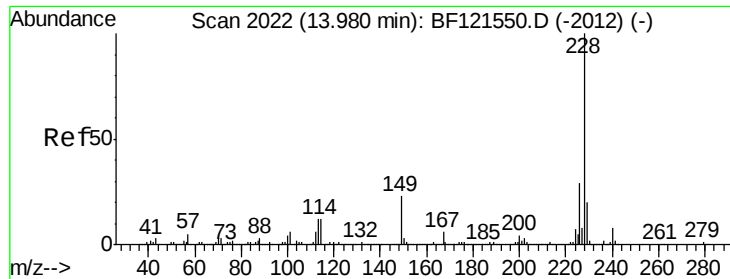
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.879 ng
 RT: 13.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	61.0	91.4
206	20.3	16.7	25.1





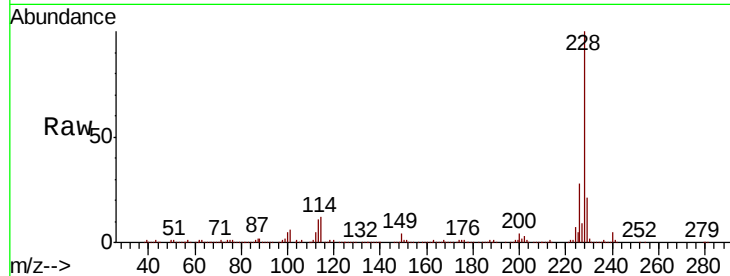
#81
Benzo(a)anthracene
Concen: 45.845 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	20.6	16.2	24.4

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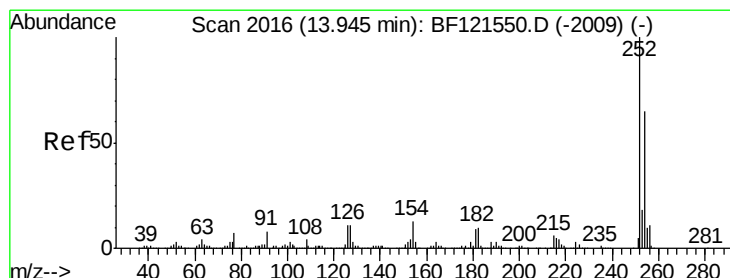
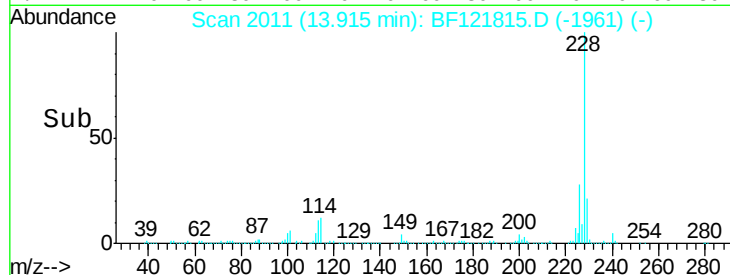
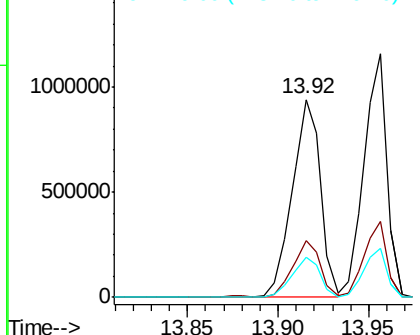


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.804 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

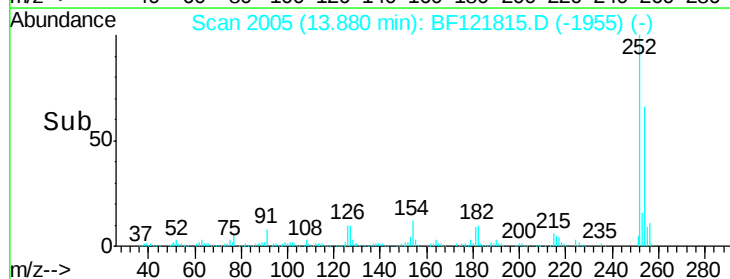
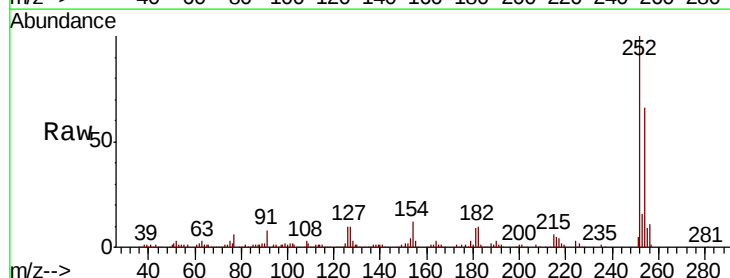
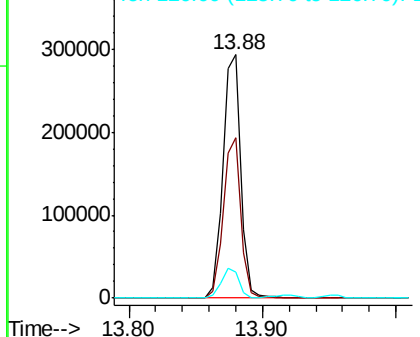
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.8	77.6
126	10.5	8.8	13.2

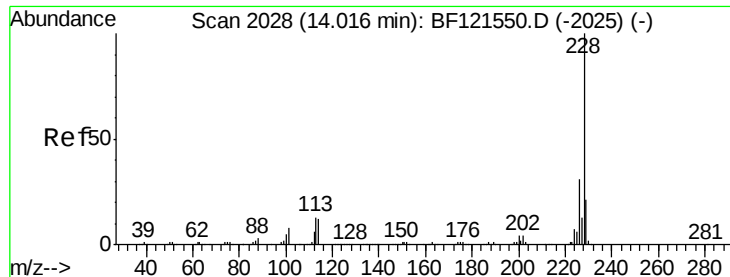
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





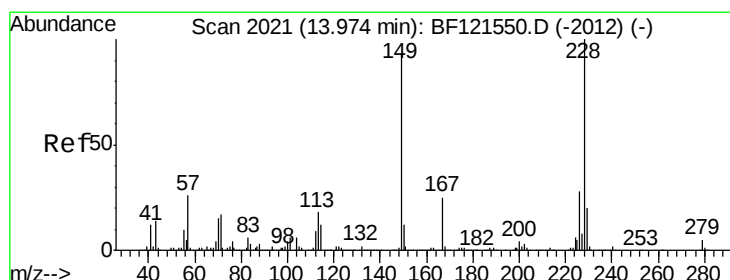
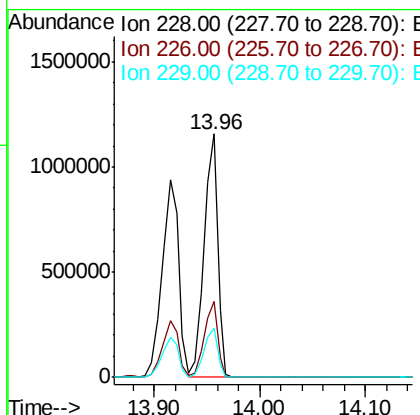
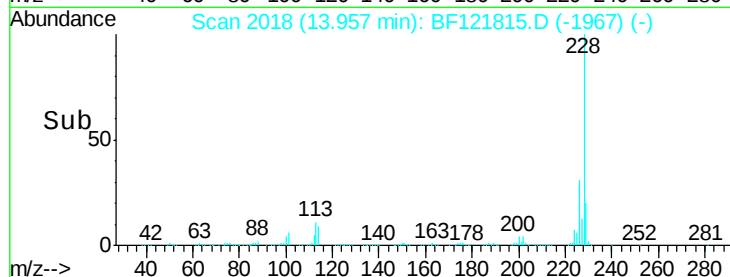
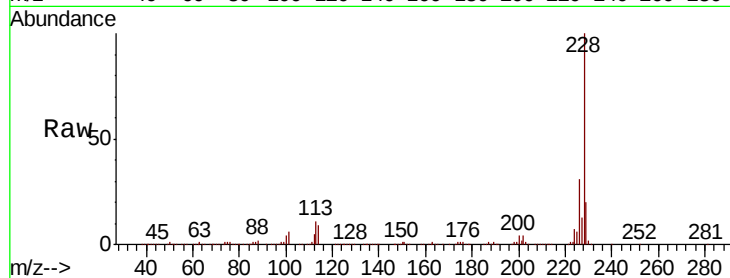
#83
 Chrysene
 Concen: 45.081 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion: 228 Resp: 1025690
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.6 37.0
 229 19.9 15.9 23.9

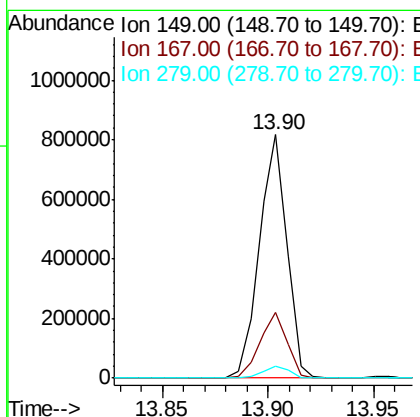
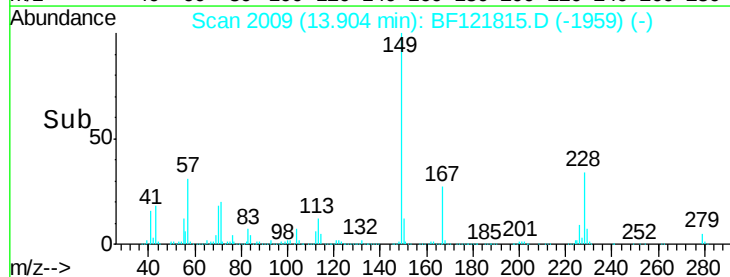
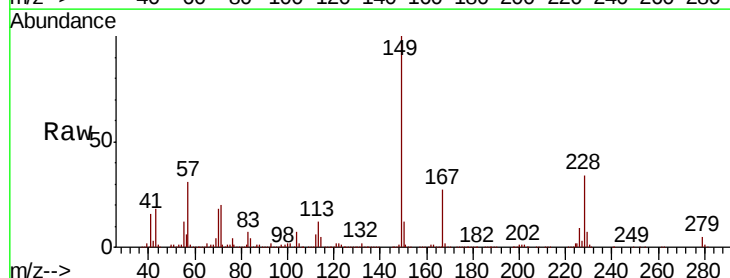
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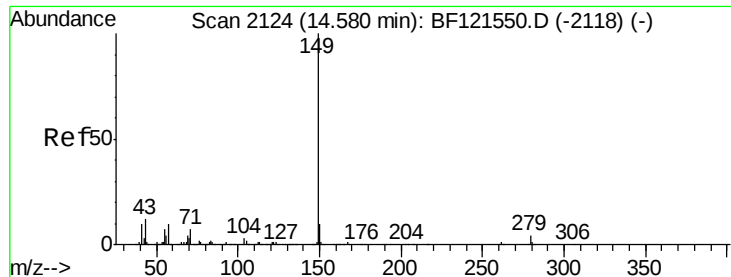
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.808 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion: 149 Resp: 740352
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.9 31.3
 279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.258 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MS

Tot Ion:149 Resp: 1292947

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

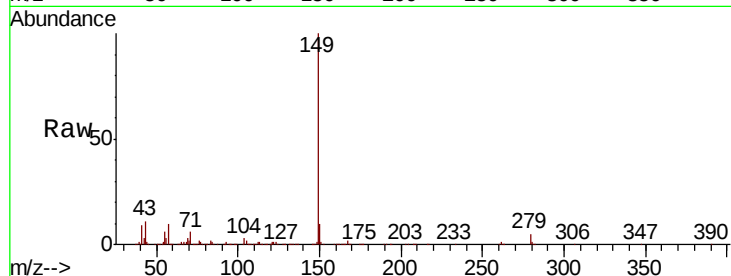
43 11.5 9.0 13.6

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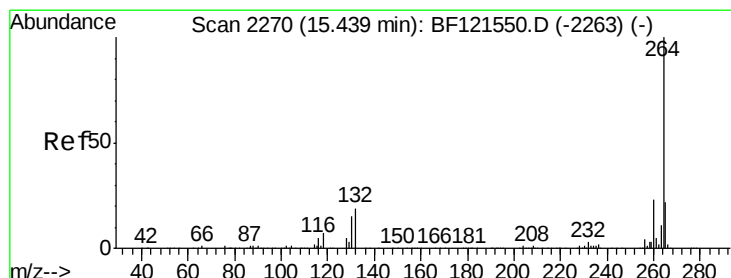
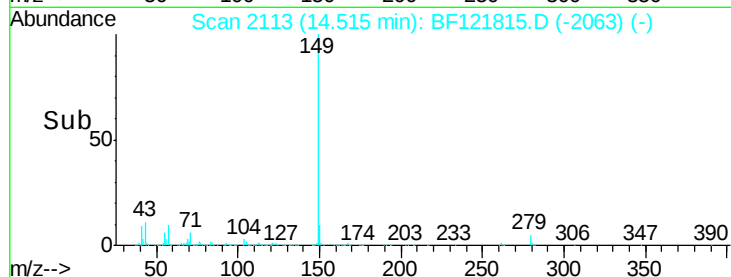
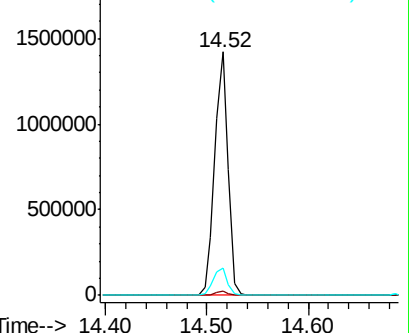
10/7/2020 10:35:54 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BF121815.D

Acq: 5 Oct 2020 13:12

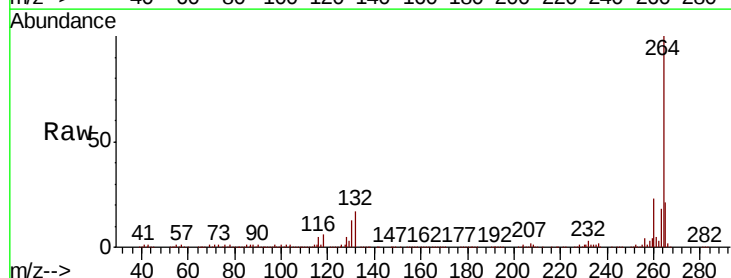
Tgt Ion:264 Resp: 324199

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

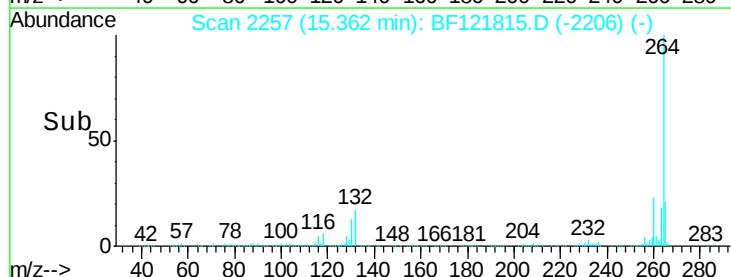
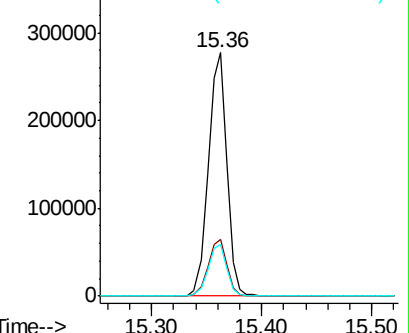
265 21.1 17.3 25.9

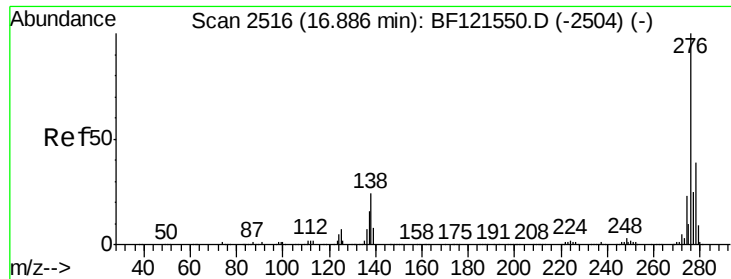


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





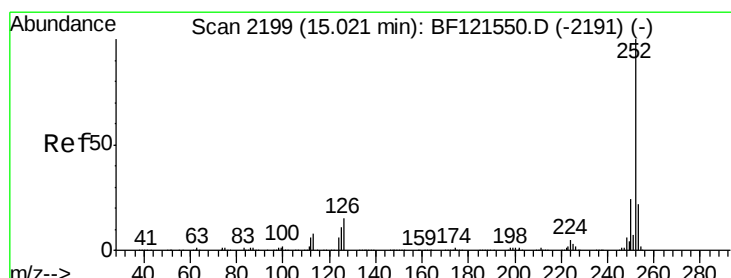
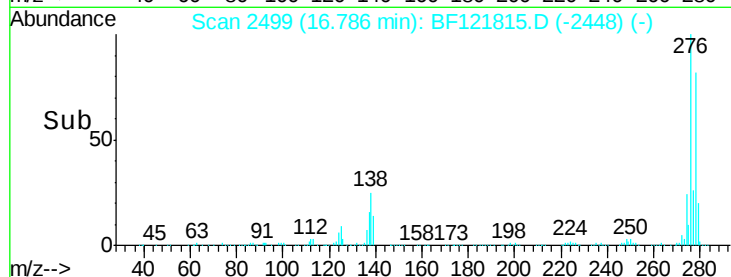
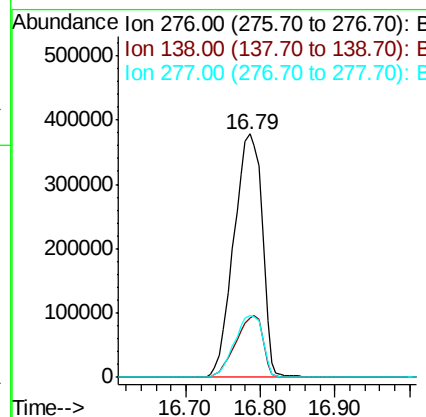
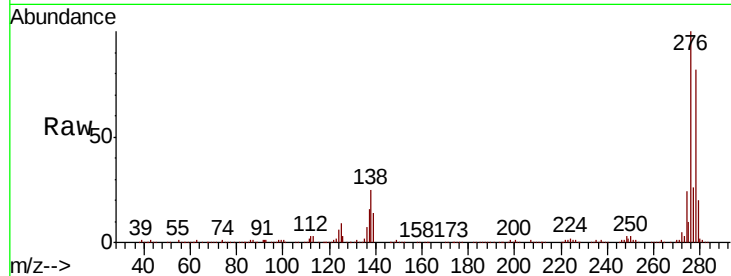
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.428 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.9	29.9
277	25.5	20.4	30.6

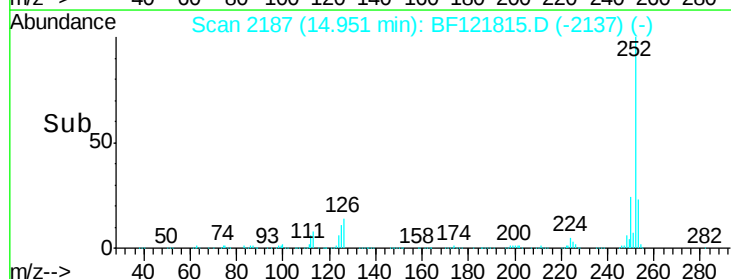
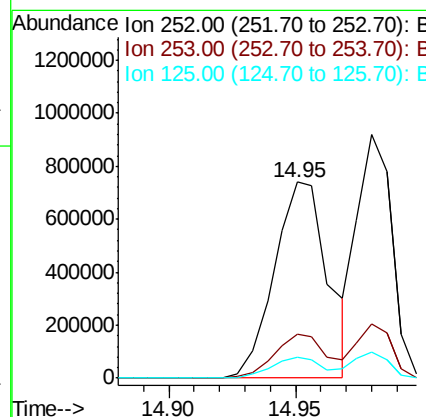
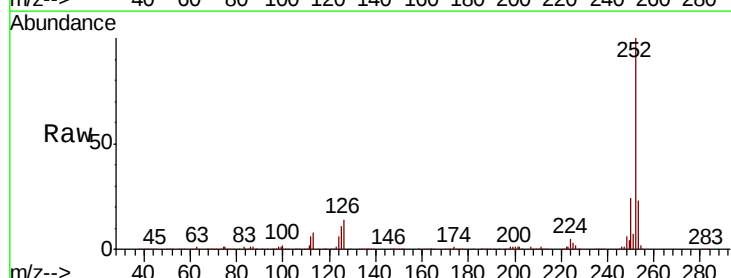
Manual Integrations
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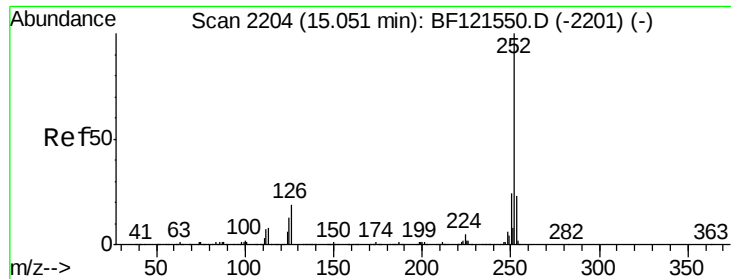
mohammad
 10/7/2020 10:35:54 AM



#88
 Benzo(b)fluoranthene
 Concen: 50.342 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121815.D
 Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.8	8.0	12.0





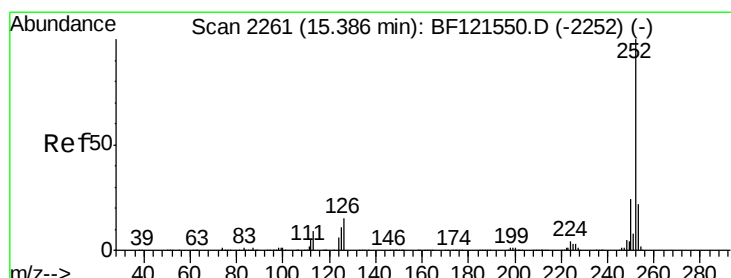
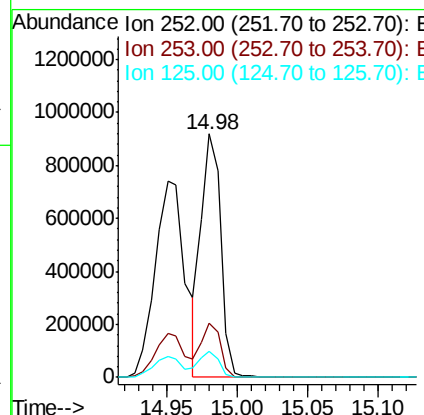
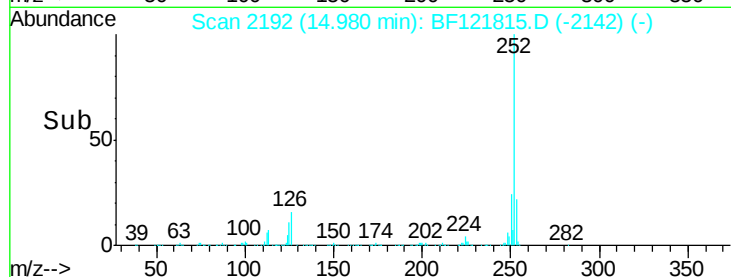
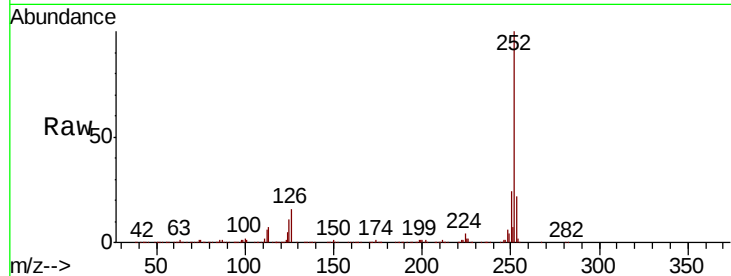
#89
Benzo(k)fluoranthene
Concen: 44.413 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.7	7.7	11.5

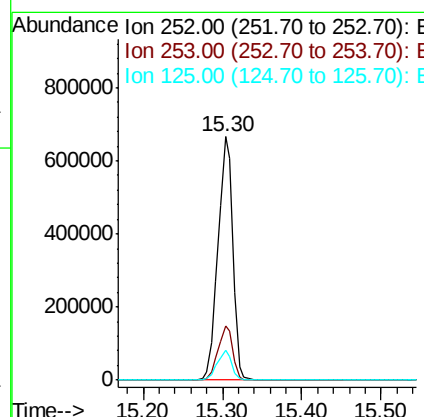
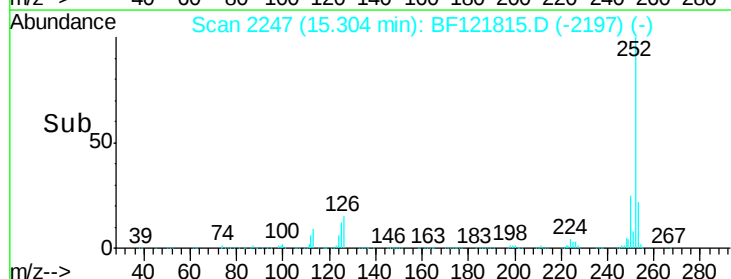
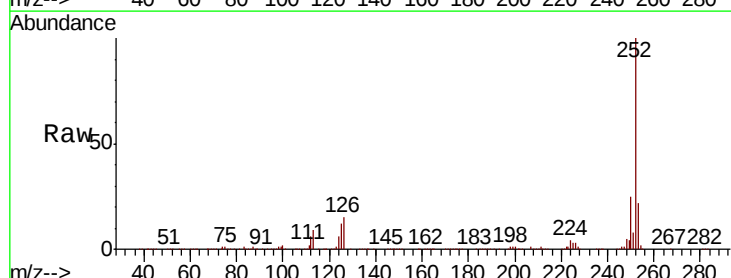
Manual Integrations
APPROVED

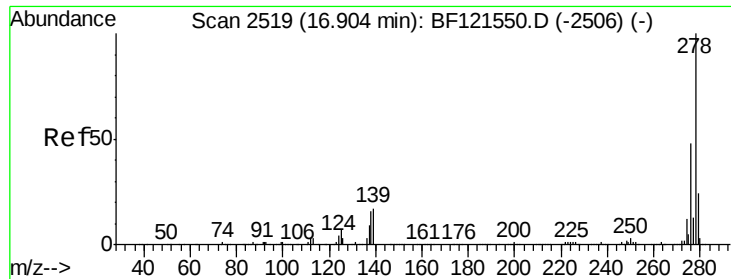
mohammad
10/7/2020 10:35:54 AM



#90
Benzo(a)pyrene
Concen: 47.134 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.2	8.6	13.0





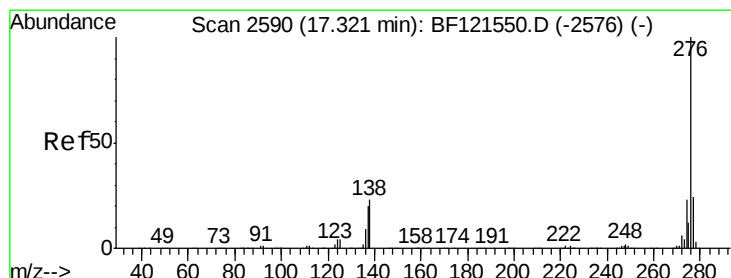
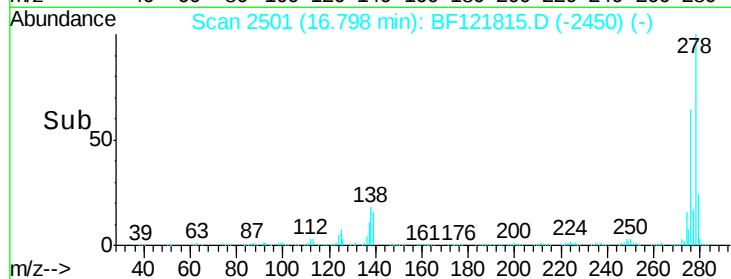
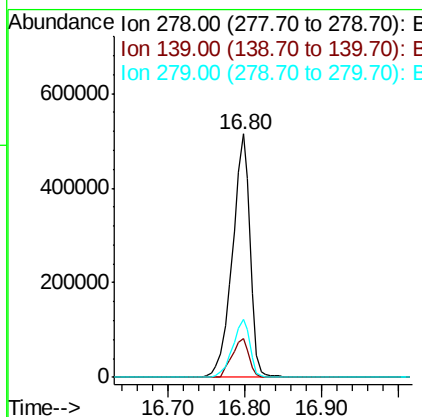
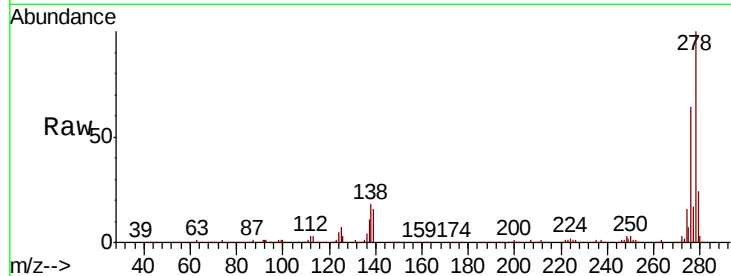
#91
Dibenzo(a,h)anthracene
Concen: 46.882 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	23.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
10/7/2020 10:35:54 AM



#92
Benzo(g,h,i)perylene
Concen: 47.889 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BF121815.D
Acq: 5 Oct 2020 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	22.4	17.8	26.6

