

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121203.D
 Acq On : 6 Aug 2020 15:36
 Operator : JU/CG
 Sample : PB130763BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Manual Integrations
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Quant Time: Aug 06 17:49:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139200	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	531554	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	266578	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	485018	20.00	ng	0.00
76) Chrysene-d12	13.96	240	362989	20.00	ng	0.00
86) Perylene-d12	15.40	264	365664	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	870048	102.47	ng	0.00
7) Phenol-d6	6.44	99	1053288	96.03	ng	0.00
23) Nitrobenzene-d5	7.36	82	710593	77.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	304185	104.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1281315	71.76	ng	0.00
79) Terphenyl-d14	12.90	244	1236726	74.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	141643	36.245	ng	99
3) Pyridine	3.31	79	338551	32.566	ng	99
4) n-Nitrosodimethylamine	3.26	42	176084	39.611	ng	99
6) Aniline	6.46	93	476285	33.266	ng	94
8) 2-Chlorophenol	6.58	128	394077	42.129	ng	99
9) Benzaldehyde	6.35	77	251122	50.684	ng	99
10) Phenol	6.45	94	460081	38.132	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	375357	40.593	ng	96
12) 1,3-Dichlorobenzene	6.73	146	406402	40.067	ng	98
13) 1,4-Dichlorobenzene	6.81	146	409814	40.632	ng	99
14) 1,2-Dichlorobenzene	6.96	146	391647	41.046	ng	100
15) Benzyl Alcohol	6.94	79	310590	40.041	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	522430	39.198	ng	96
17) 2-Methylphenol	7.06	107	308071	37.158	ng	99
18) Hexachloroethane	7.30	117	152348	41.733	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	236251	37.879	ng	96
20) 3+4-Methylphenols	7.21	107	354253	33.589	ng	97
22) Acetophenone	7.20	105	491264	41.180	ng	# 98
24) Nitrobenzene	7.38	77	392766	39.669	ng	99
25) Isophorone	7.62	82	708107	38.623	ng	96
26) 2-Nitrophenol	7.69	139	210732	44.814	ng	96
27) 2,4-Dimethylphenol	7.73	122	330810	43.329	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	459090	41.021	ng	100
29) 2,4-Dichlorophenol	7.94	162	316589	40.580	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	347328	40.127	ng	98
31) Naphthalene	8.10	128	1081393	39.661	ng	100
32) Benzoic acid	7.87	122	200268	34.944	ng	99
33) 4-Chloroaniline	8.15	127	358076	29.439	ng	99
34) Hexachlorobutadiene	8.22	225	202886	39.761	ng	99
35) Caprolactam	8.53	113	98686	39.445	ng	# 85
36) 4-Chloro-3-methylphenol	8.64	107	322793	40.342	ng	98
37) 2-Methylnaphthalene	8.79	142	725723	40.992	ng	99
38) 1-Methylnaphthalene	8.89	142	678961	40.493	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	335257	43.165	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	341555	79.568	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	222938	40.767	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	240483	38.767	nq	97
46) 1,1'-Biphenyl	9.26	154	865153	42.546	nq	99
47) 2-Chloronaphthalene	9.28	162	664752	40.096	nq	99
48) 2-Nitroaniline	9.38	65	203528	40.623	nq	98
49) Acenaphthylene	9.70	152	1057112	41.044	nq	99
50) Dimethylphthalate	9.56	163	785985	40.869	nq	100
51) 2,6-Dinitrotoluene	9.62	165	172921	41.851	nq	100
52) Acenaphthene	9.87	154	707621m	43.214	nq	
53) 3-Nitroaniline	9.79	138	144836	27.950	nq	100
54) 2,4-Dinitrophenol	9.90	184	160724	68.641	nq	97
55) Dibenzofuran	10.04	168	927233	39.158	nq	99
56) 4-Nitrophenol	9.97	139	254338	64.612	nq	98
57) 2,4-Dinitrotoluene	10.03	165	224632	41.400	nq	89
58) Fluorene	10.39	166	698243	39.537	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	205095	43.424	nq	99
60) Diethylphthalate	10.26	149	775450	39.863	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	348707	37.019	nq	97
62) 4-Nitroaniline	10.41	138	187575	37.160	nq	99
63) Azobenzene	10.53	77	729198	39.375	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119202	42.908	nq	95
66) n-Nitrosodiphenylamine	10.50	169	653359	42.822	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	229236	42.392	nq	97
68) Hexachlorobenzene	10.93	284	256811	43.903	nq	98
69) Atrazine	11.02	200	185013	48.962	nq	98
70) Pentachlorophenol	11.13	266	265371	79.188	nq	98
71) Phenanthrene	11.35	178	1030610	41.316	nq	100
72) Anthracene	11.40	178	1073868	42.872	nq	99
73) Carbazole	11.56	167	979141	39.390	nq	99
74) Di-n-butylphthalate	11.88	149	1221511	42.582	nq	100
75) Fluoranthene	12.53	202	1121123	40.548	nq	98
77) Benzidine	12.66	184	633856	66.417	nq	99
78) Pyrene	12.76	202	1141084	44.463	nq	99
80) Butylbenzylphthalate	13.38	149	507688	44.377	nq	97
81) Benzo(a)anthracene	13.95	228	952527	43.335	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	320892	38.696	nq	99
83) Chrysene	13.99	228	947169	41.004	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	692727	49.104	nq	100
85) Di-n-octyl phthalate	14.55	149	1208248	43.049	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1063318	41.813	nq	100
88) Benzo(b)fluoranthene	14.99	252	932327	42.181	nq	99
89) Benzo(k)fluoranthene	15.02	252	912283	45.257	nq	100
90) Benzo(a)pyrene	15.35	252	855846	42.440	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	876716	42.205	nq	98
92) Benzo(g,h,i)perylene	17.27	276	900861	43.983	nq	99

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

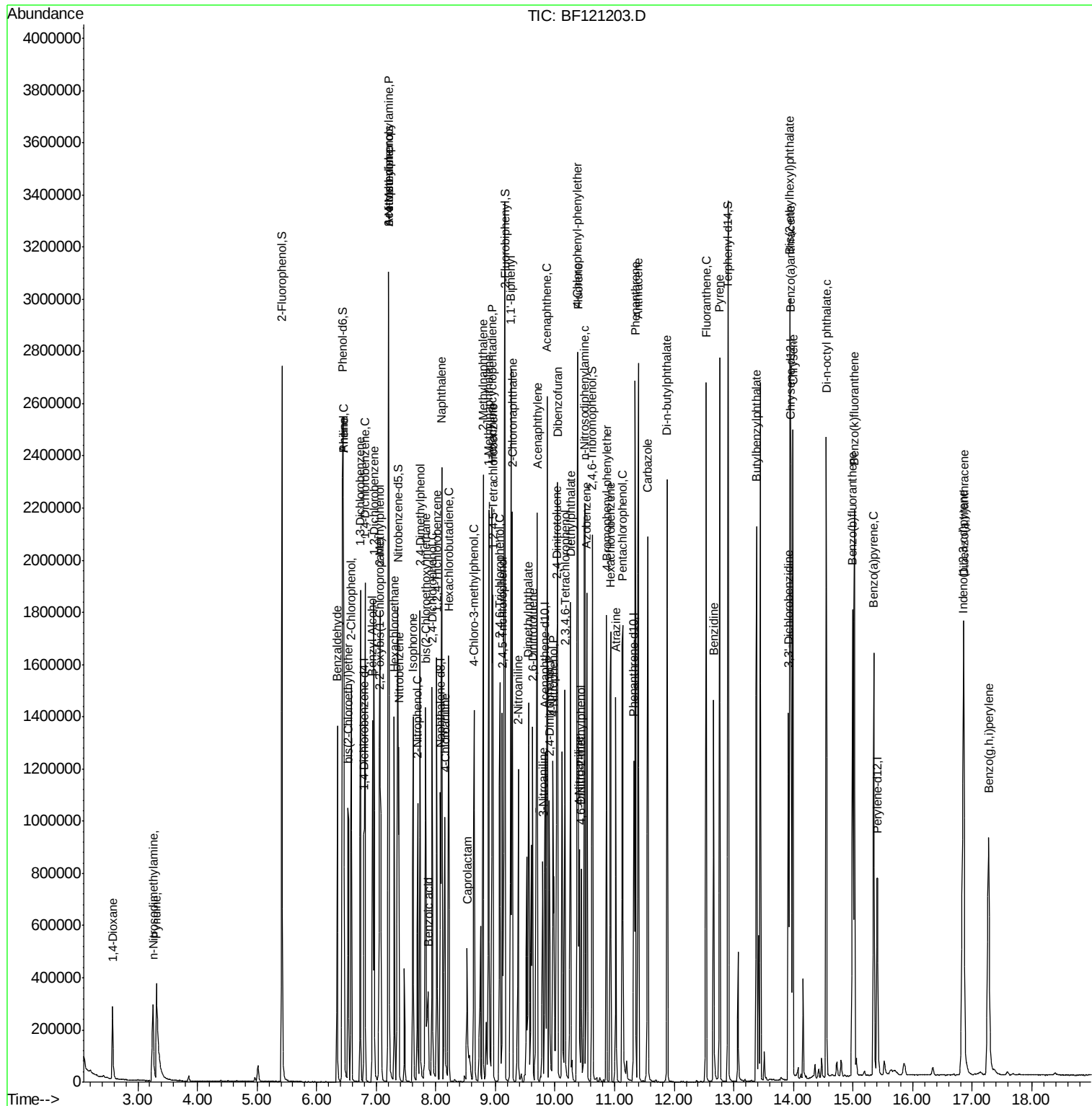
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#1

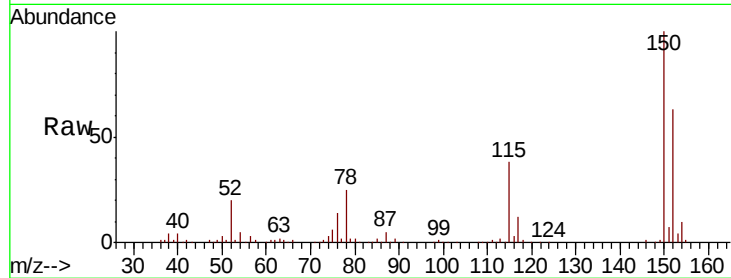
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.6	188.4
115	60.4	46.2	69.2

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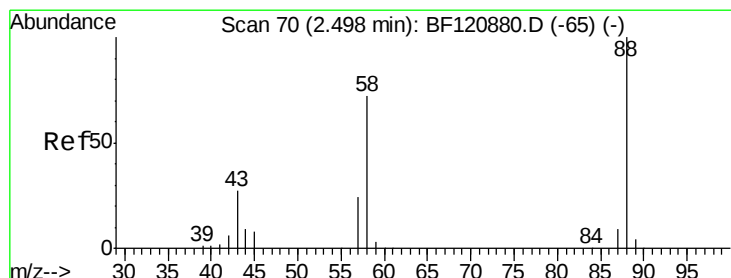
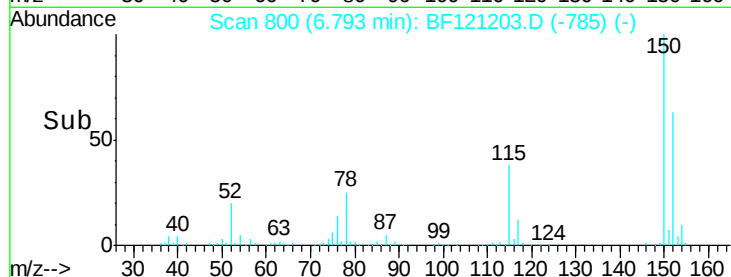
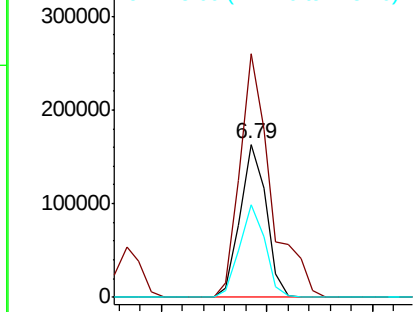


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

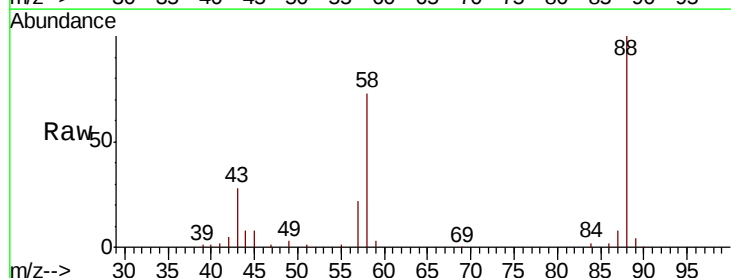
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.245 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.4
43	27.7	21.3	31.9

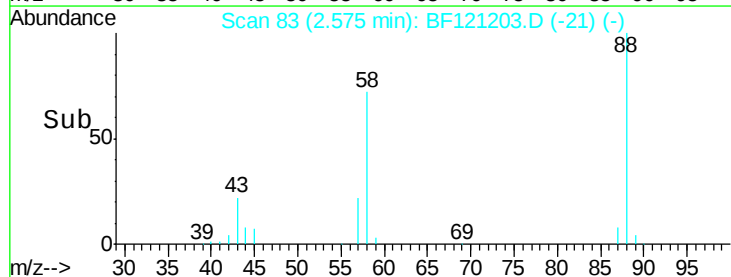
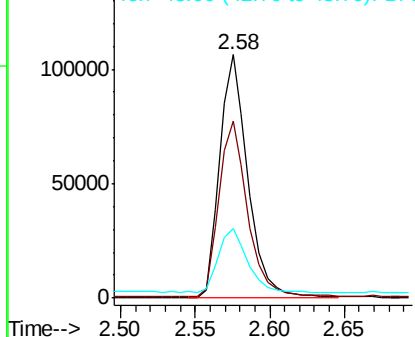


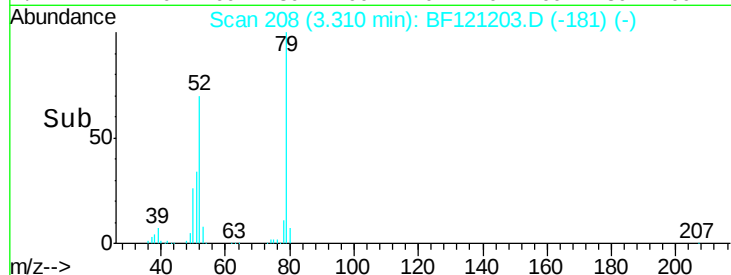
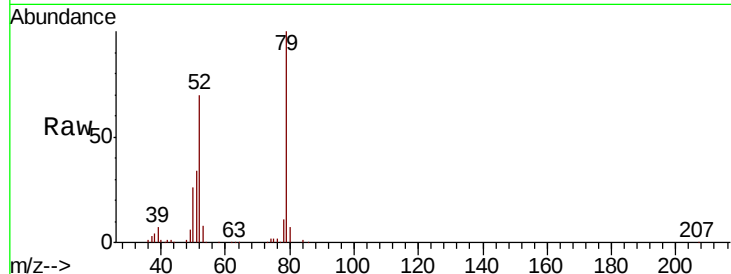
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





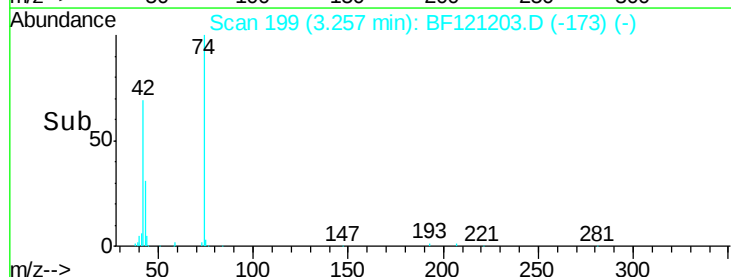
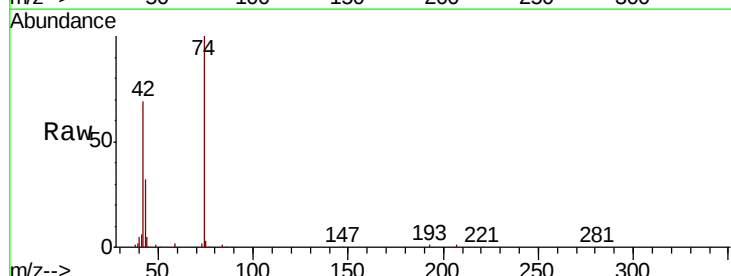
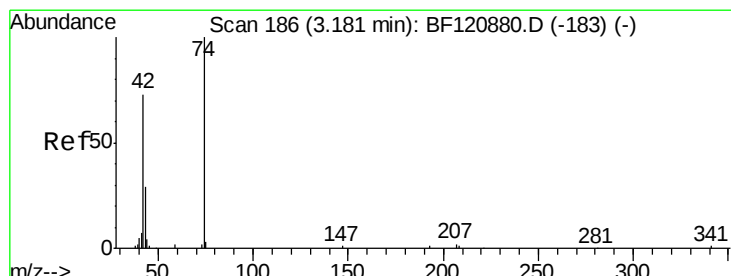
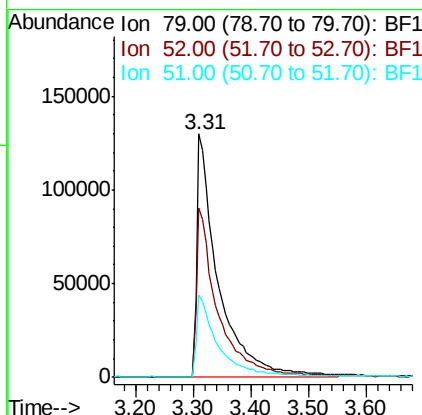
#3
Pvridine
Concen: 32.566 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.06 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tot Ion	Ratio	Resp	Lower	Upper
79	100	338551		
52	69.7		54.9	82.3
51	33.9		27.4	41.0

Instrument :
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ClientSampleId :
PB130763BS

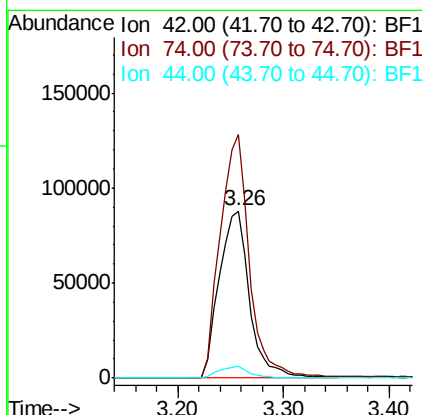
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#4
n-Nitrosodimethylamine
Concen: 39.611 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.05 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	176084		
74	145.5		117.3	175.9
44	6.9		5.9	8.9





#5

2-Fluorophenol

Concen: 102.465 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

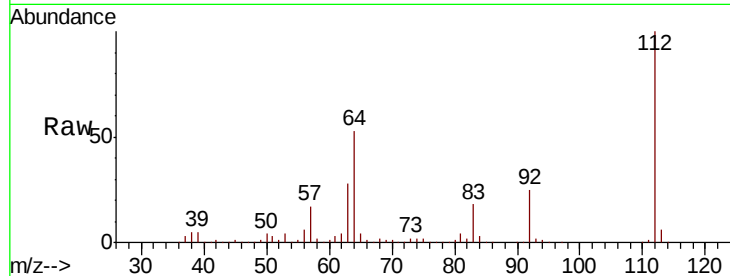
ClientSampleId :

PB130763BS

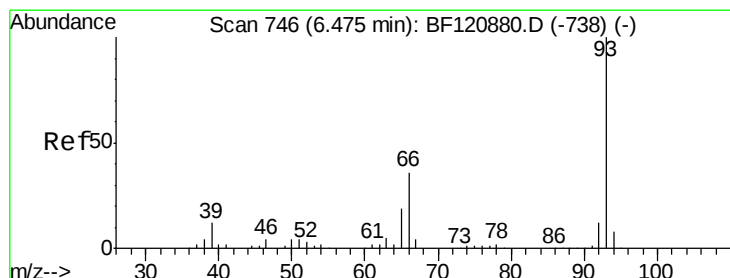
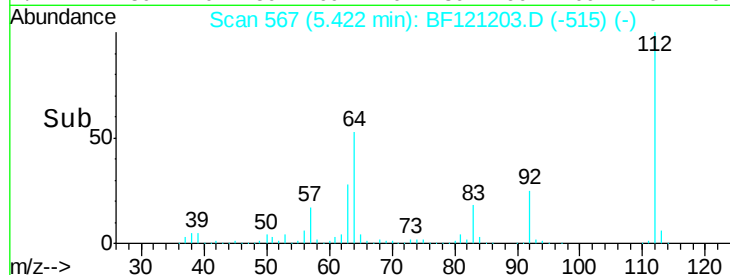
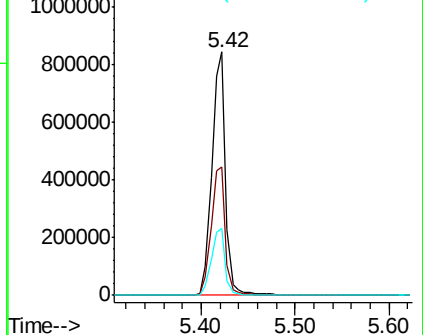
Tot Ion:	112	Resp:	870048
Ion Ratio	Lower	Upper	
112	100		
64	52.9	43.9	65.9
63	27.6	22.7	34.1

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



#6

Aniline

Concen: 33.266 ng

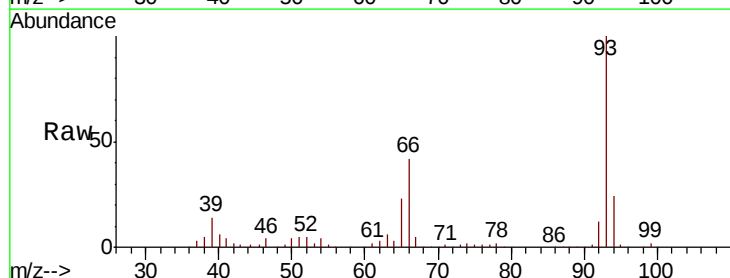
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

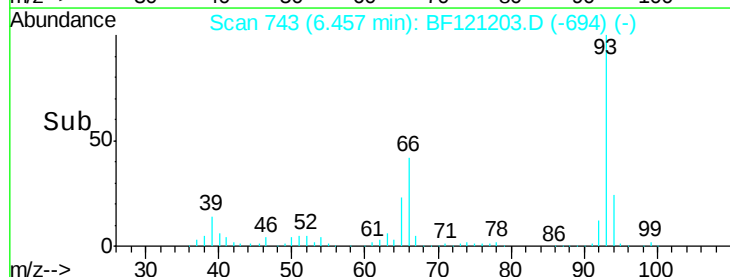
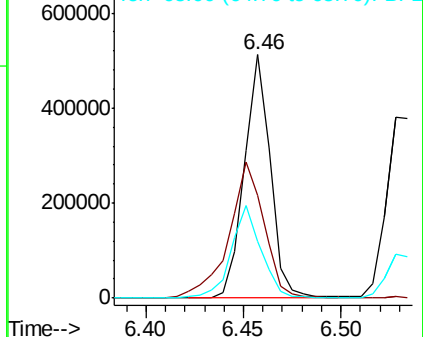
Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	93	Resp:	476285
Ion Ratio	Lower	Upper	
93	100		
66	42.1	31.0	46.4
65	23.1	16.2	24.4



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





#7

Phenol-d6

Concen: 96.029 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

Tot Ion: 99 Resp: 1053288

Ion Ratio Lower Upper

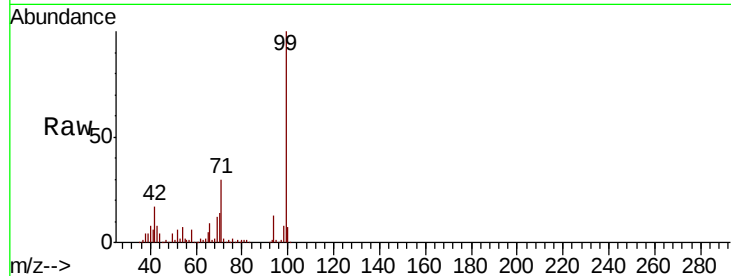
99 100

42 16.5 13.5 20.3

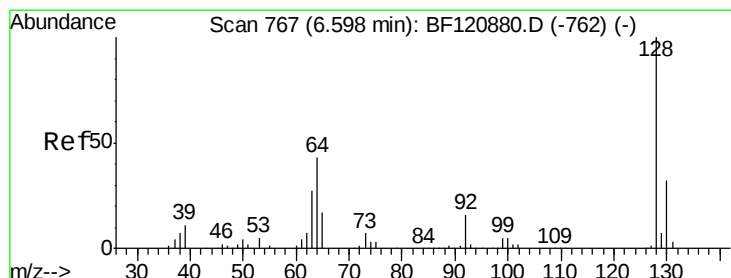
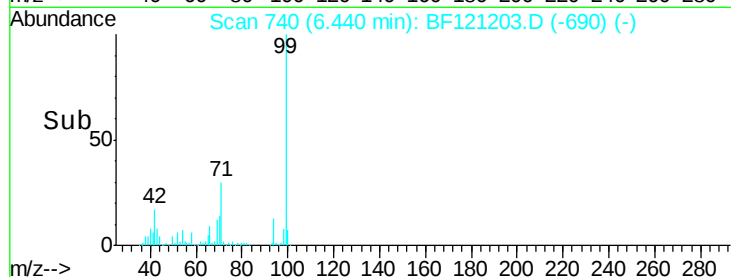
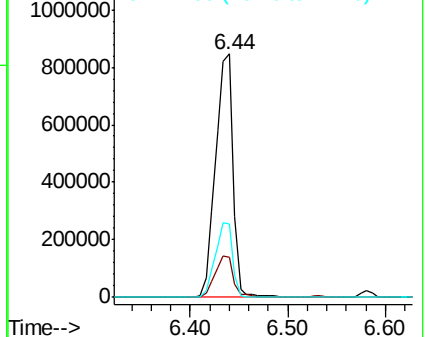
71 30.3 25.0 37.4

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



#8

2-Chlorophenol

Concen: 42.129 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

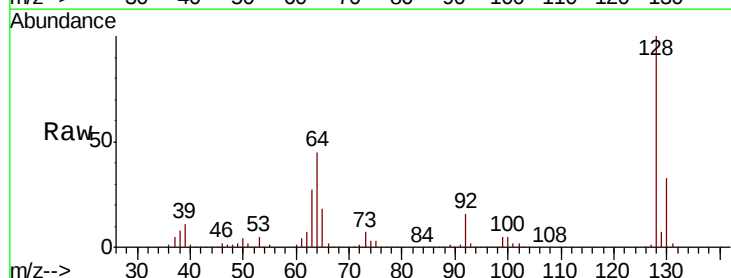
Tgt Ion: 128 Resp: 394077

Ion Ratio Lower Upper

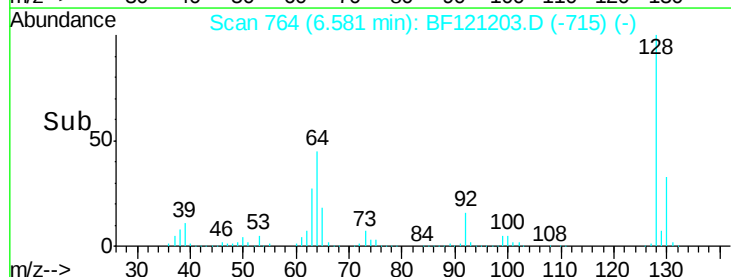
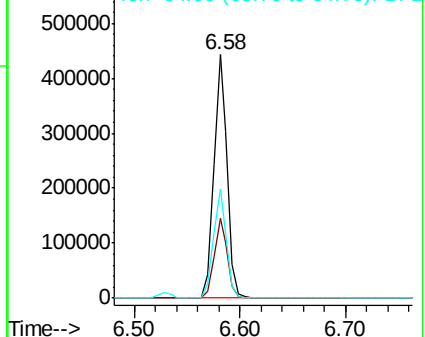
128 100

130 32.7 12.7 52.7

64 44.6 23.8 63.8



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





#9

Benzaldehyde

Concen: 50.684 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

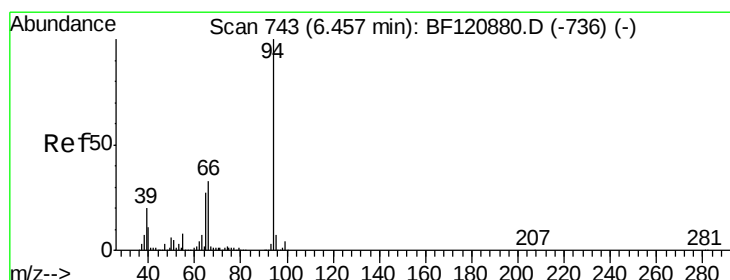
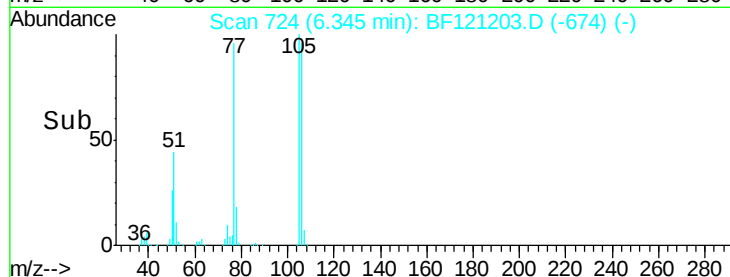
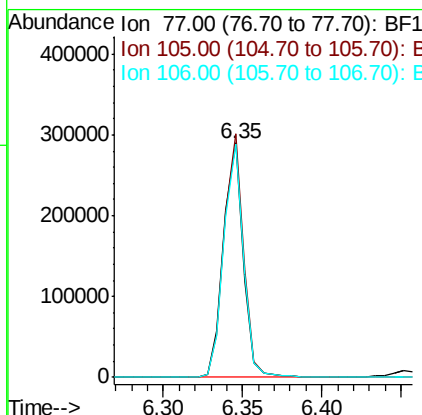
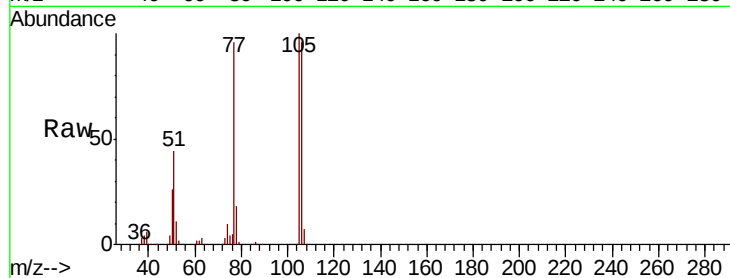
ClientSampleId :

PB130763BS

Tot Ion:	77	Resp:	251122
Ion Ratio	Lower	Upper	
77	100		
105	103.8	82.4	122.4
106	99.3	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 38.132 ng

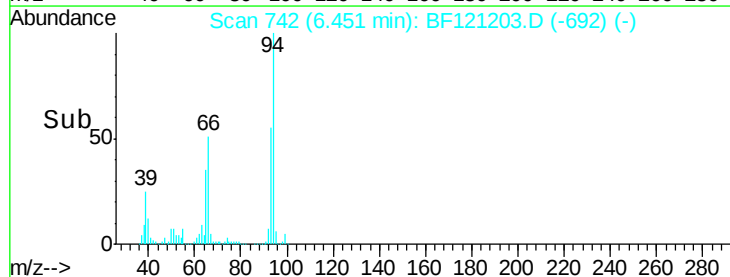
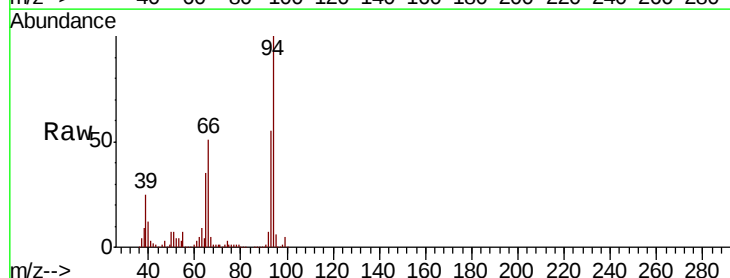
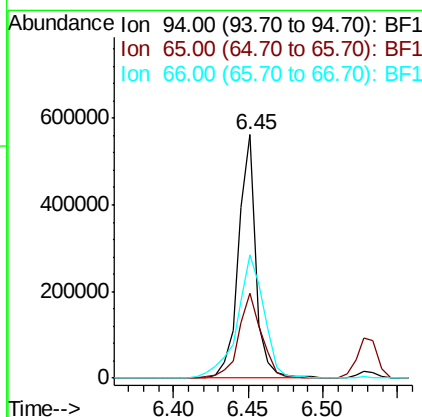
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	94	Resp:	460081
Ion Ratio	Lower	Upper	
94	100		
65	34.8	12.6	52.6
66	50.8	25.6	65.6





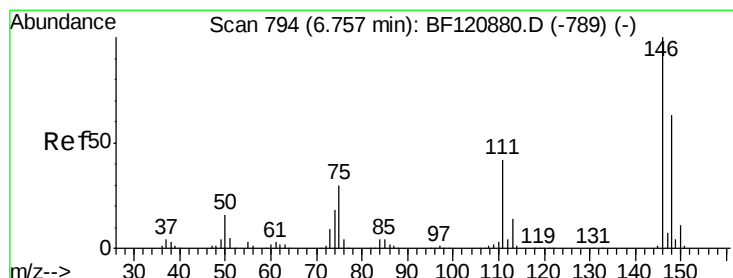
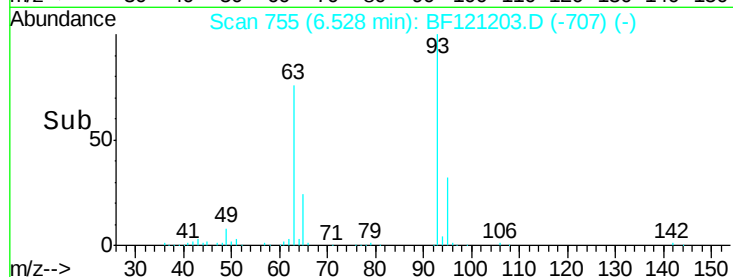
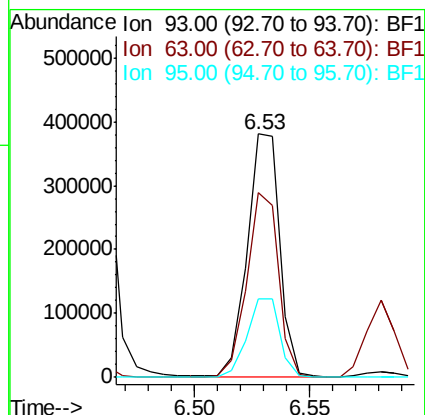
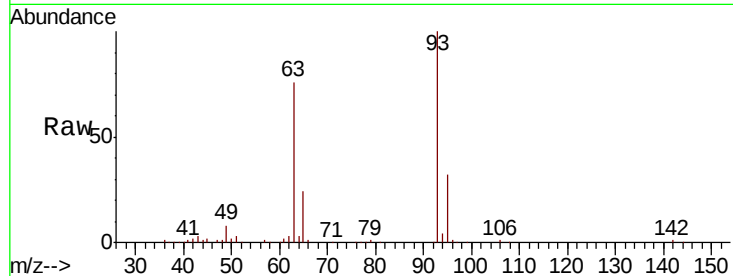
#11
bis(2-Chloroethyl)ether
Concen: 40.593 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:	93	Resp:	375357
Ion Ratio	Lower	Upper	
93	100		
63	76.1	51.9	91.9
95	32.1	13.2	53.2

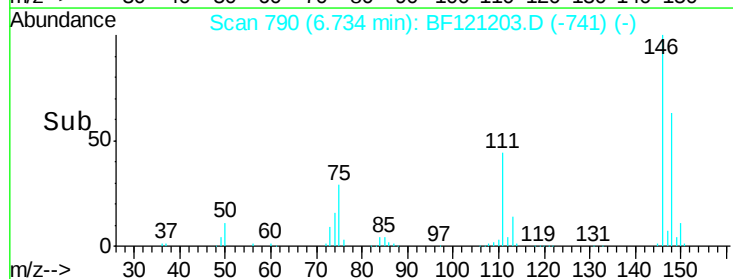
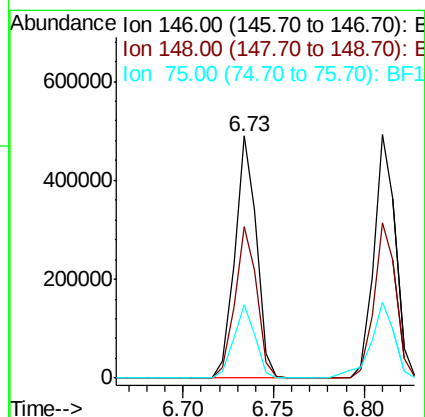
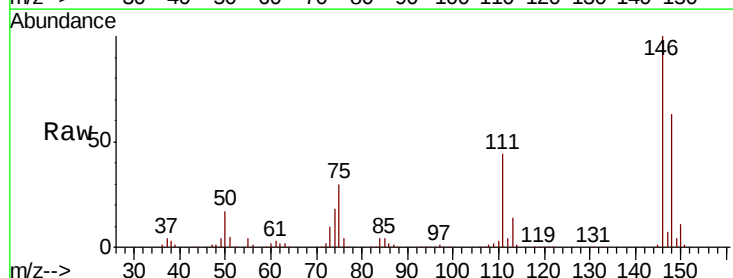
Manual Integrations
APPROVED

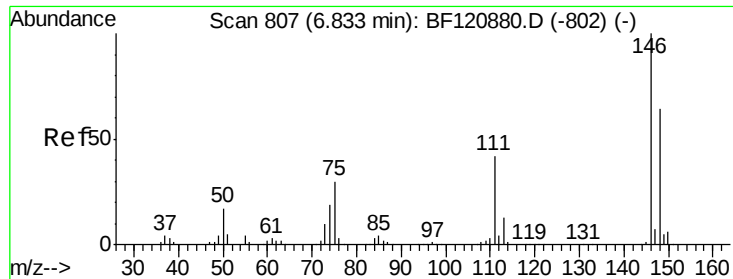
mohammad
8/7/2020 1:50:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.067 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:	146	Resp:	406402
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.7	77.5
75	30.5	23.8	35.6





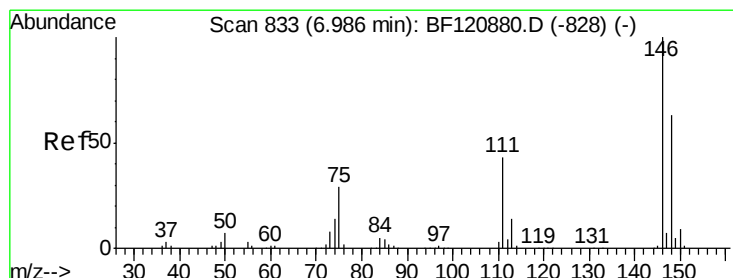
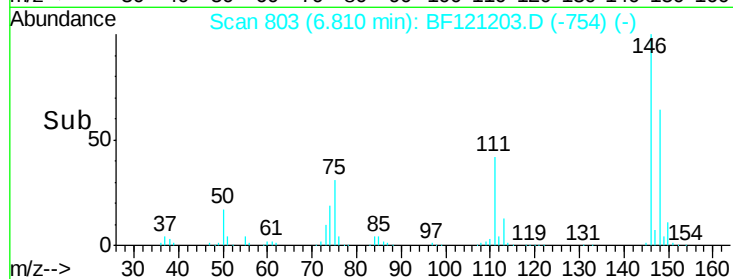
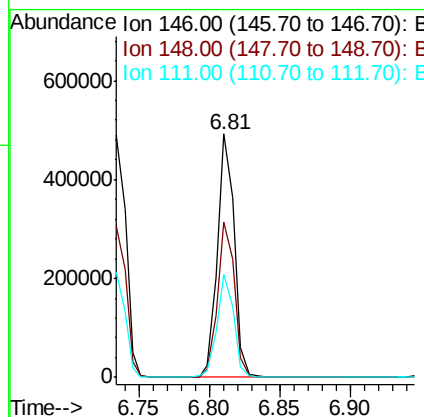
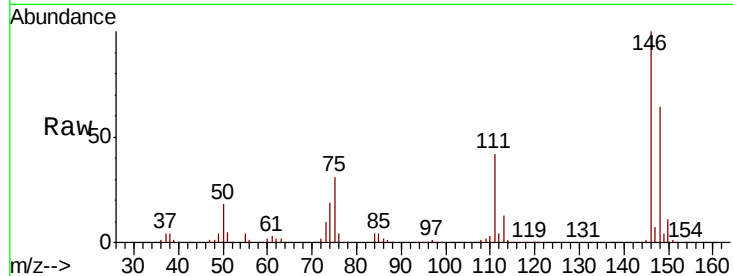
#13
1,4-Dichlorobenzene
Concen: 40.632 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	42.1	32.8	49.2

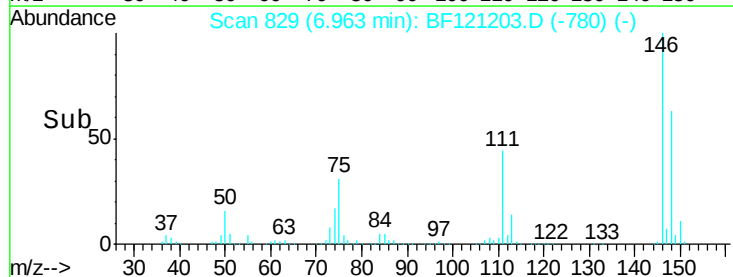
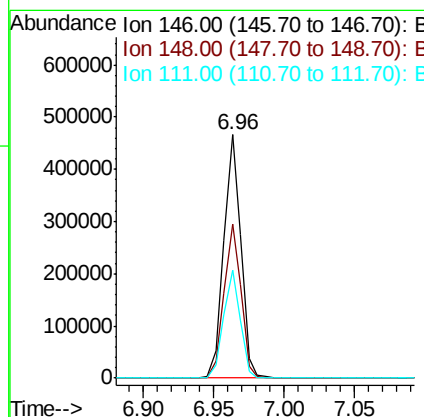
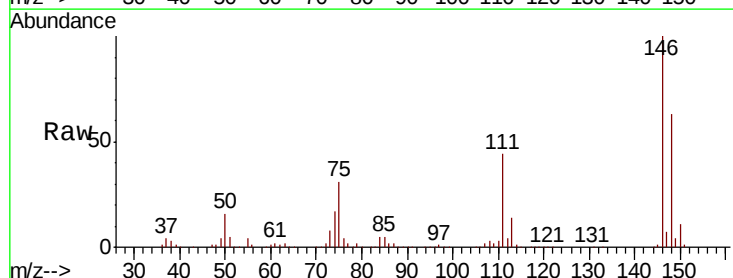
Manual Integrations
APPROVED

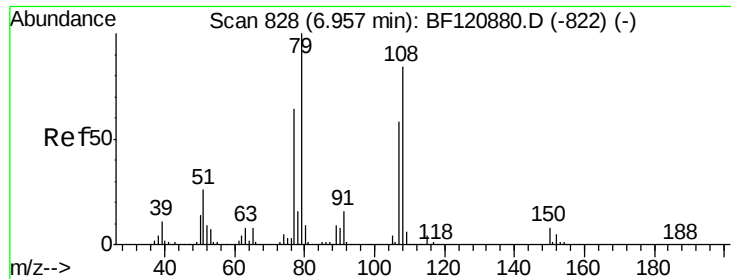
mohammad
8/7/2020 1:50:51 PM



#14
1,2-Dichlorobenzene
Concen: 41.046 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	44.1	35.4	53.0





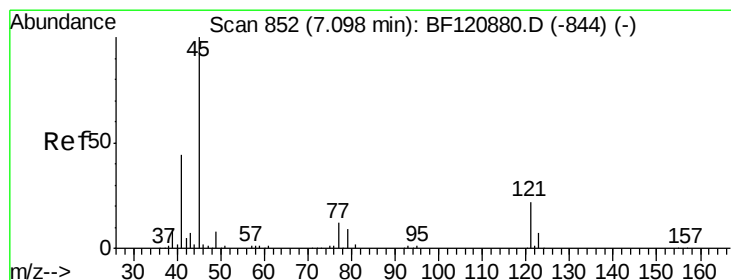
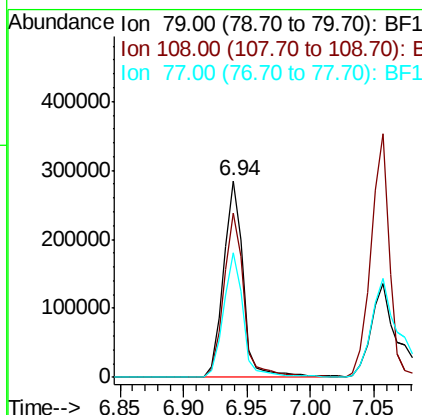
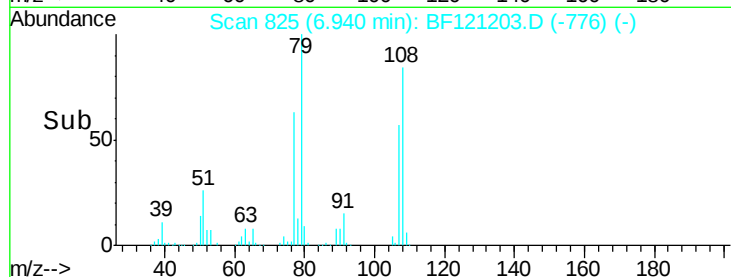
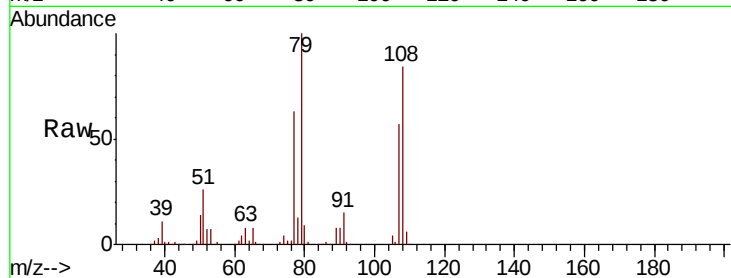
#15
Benzyl Alcohol
Concen: 40.041 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	68.6	103.0
77	63.4	51.4	77.2

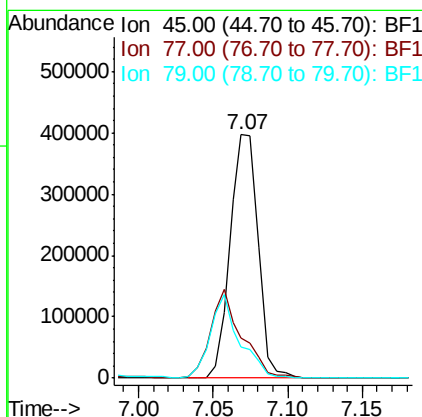
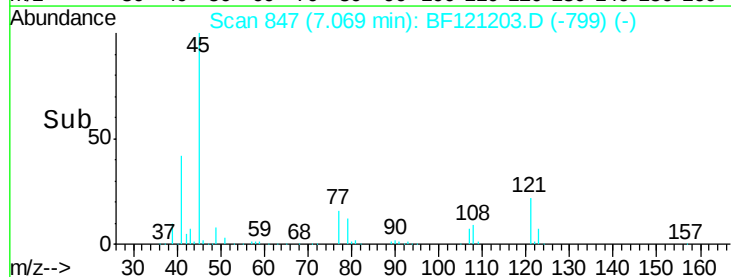
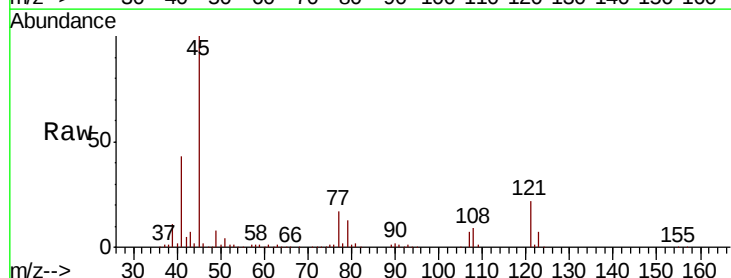
Manual Integrations
APPROVED

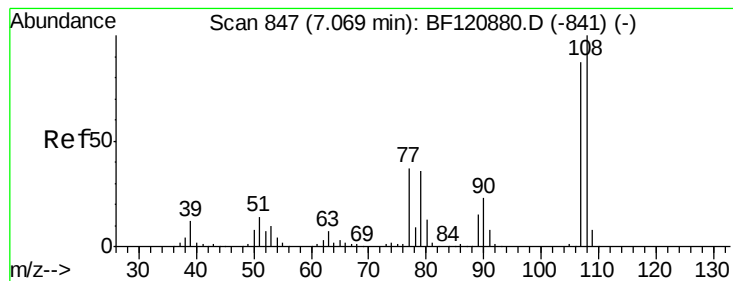
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.198 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	34.7
79	13.0	0.0	32.0





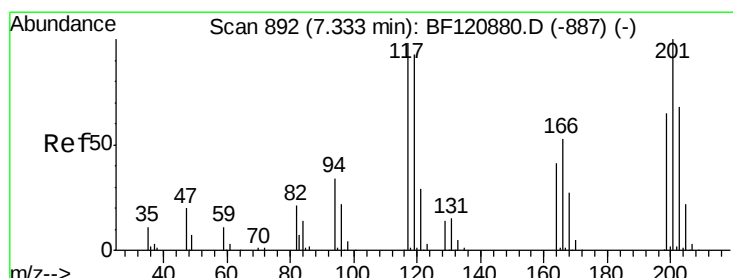
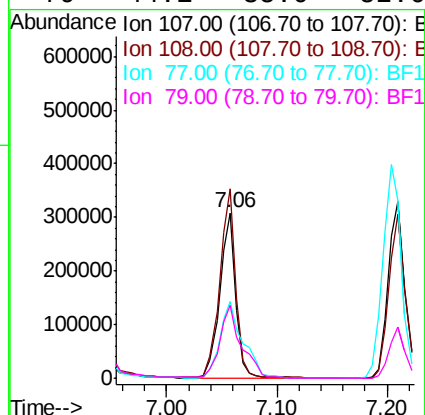
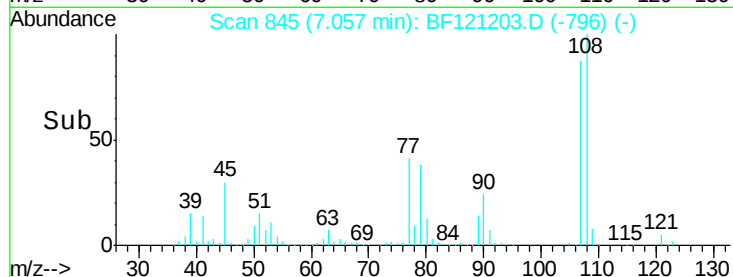
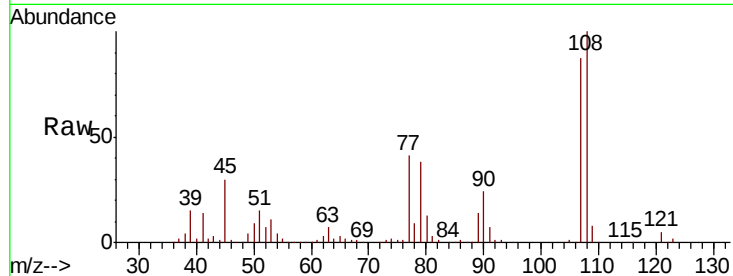
#17
2-Methylphenol
Concen: 37.158 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	308071		
108	108.00	114.5		91.2	136.8
77	77.00	46.8		36.5	54.7
79	79.00	44.1		35.0	52.6

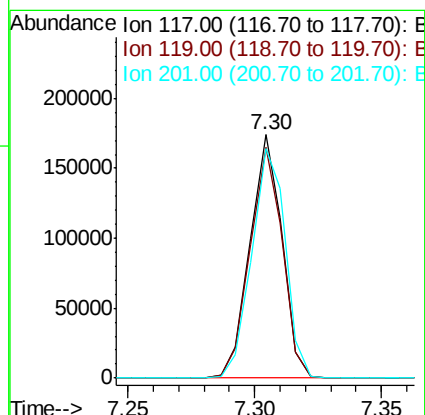
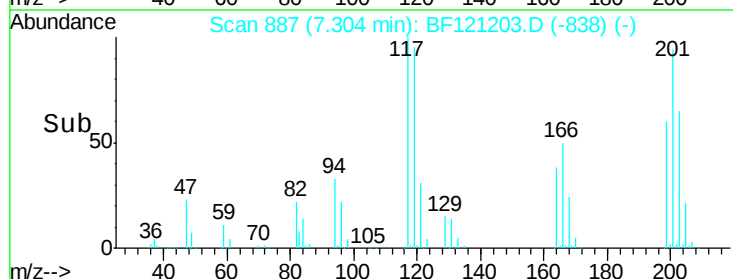
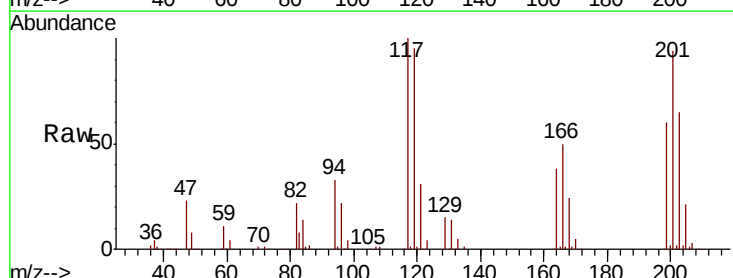
Manual Integrations
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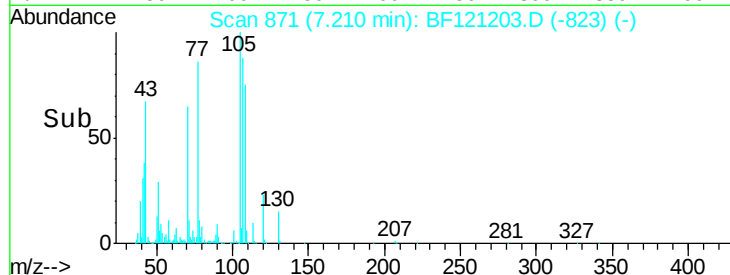
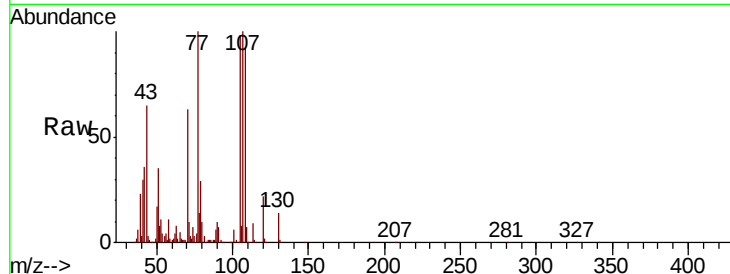
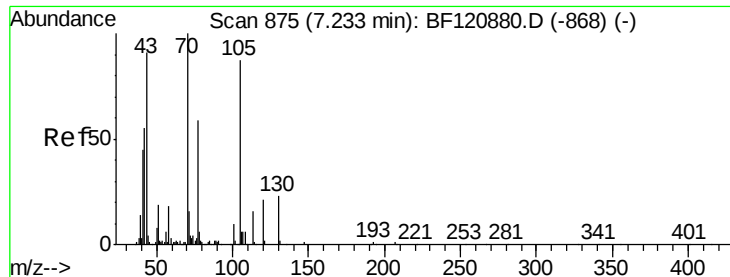
mohammad
8/7/2020 1:50:51 PM



#18
Hexachloroethane
Concen: 41.733 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

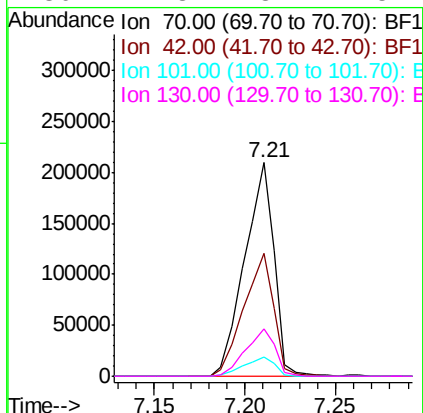
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	152348		
119	119.00	94.6		76.6	114.8
201	201.00	94.1		75.0	112.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.879 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

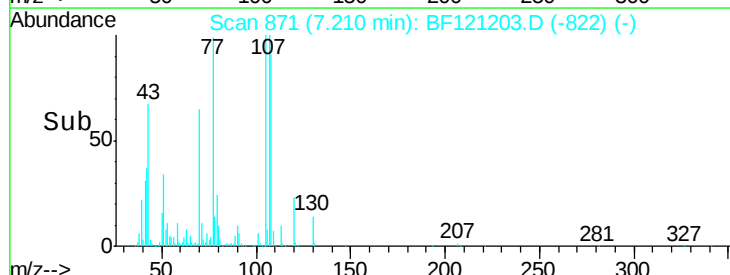
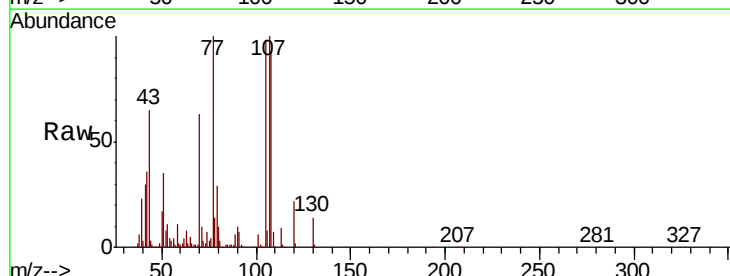
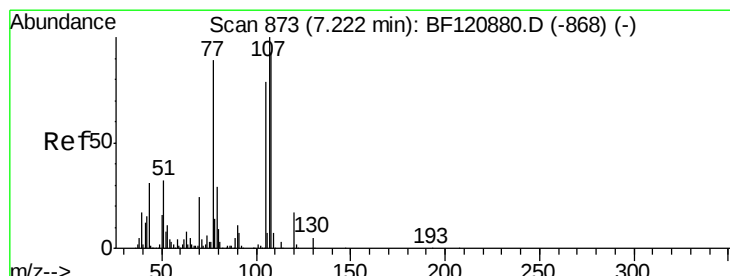
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	43.3	64.9	
101	9.2	8.4	12.6	
130	22.3	18.7	28.1	



Instrument :
BNA_F
ClientSampleId :
PB130763BS

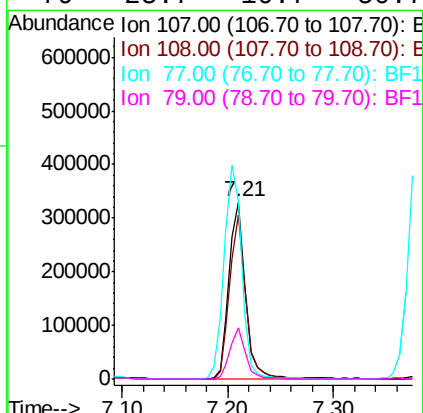
Manual Integrations
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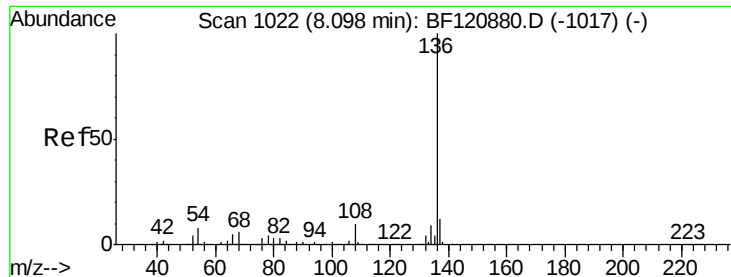
mohammad
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#20
3+4-Methylphenols
Concen: 33.589 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.6	73.7	113.7	
77	100.5	84.9	124.9	
79	28.7	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

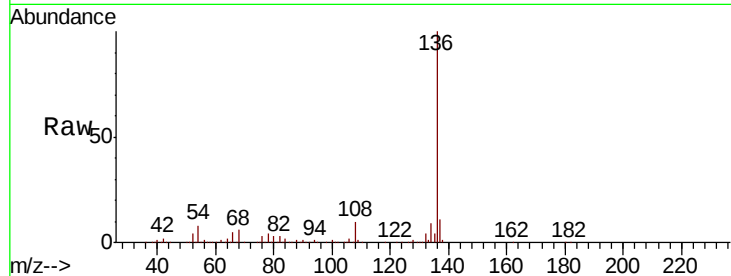
ClientSampleId :

PB130763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		531554		
137	11.1		9.0	13.4	
54	7.6		6.1	9.1	
68	6.0		5.0	7.6	

Manual Integrations
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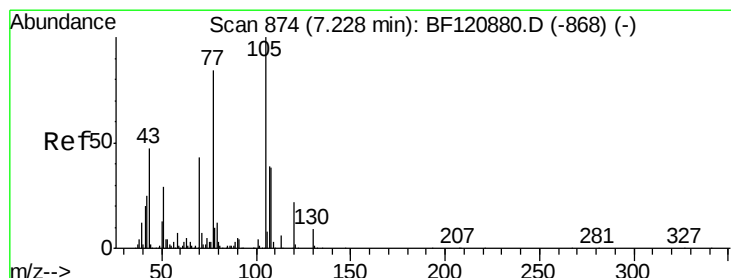
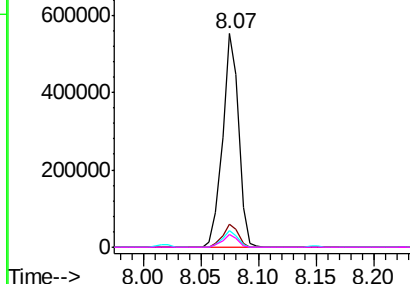
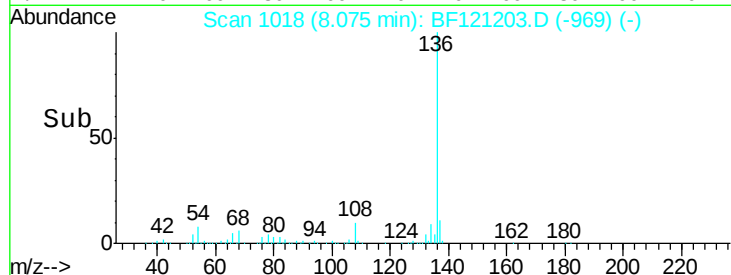
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.180 ng

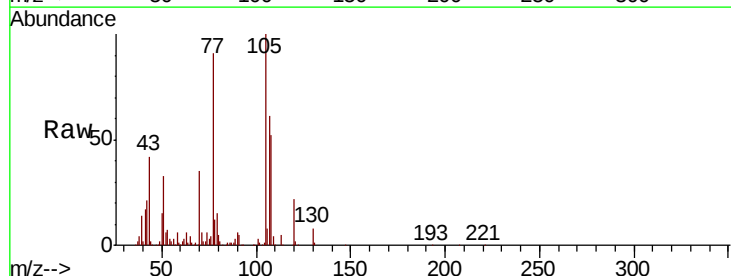
RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		491264		
71	5.9		3.8	5.8#	
51	33.4		28.0	42.0	
120	22.3		17.8	26.6	



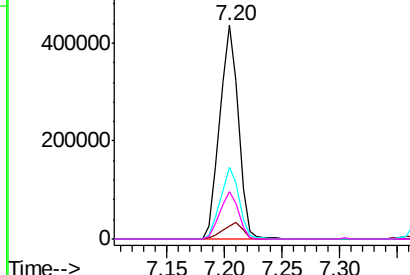
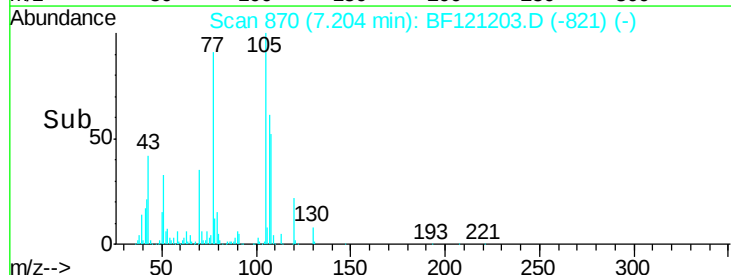
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





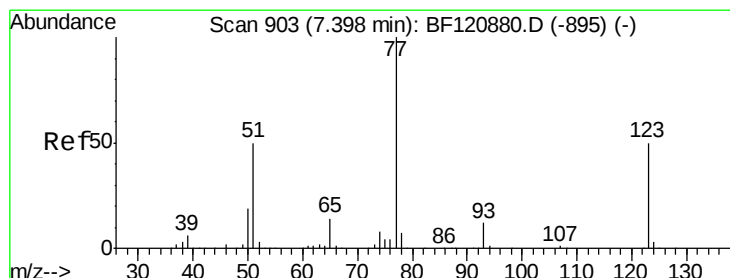
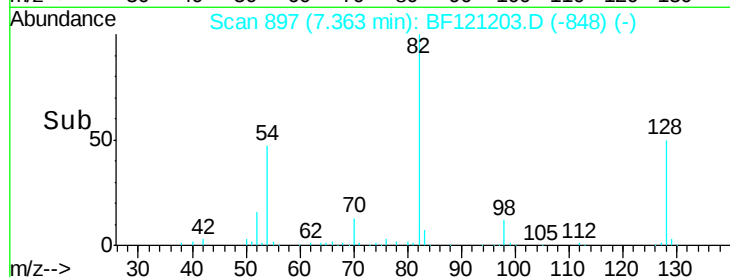
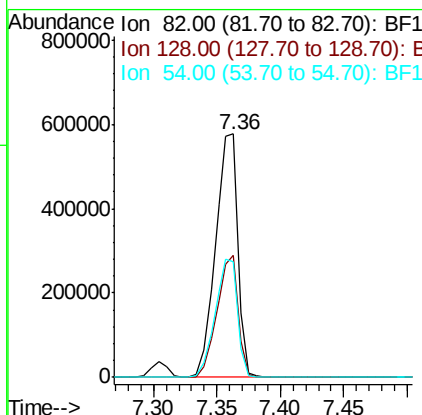
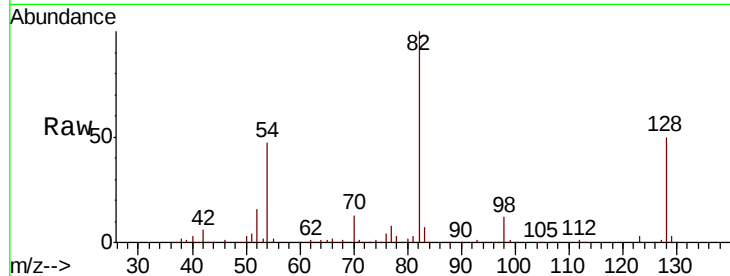
#23
 Nitrobenzene-d5
 Concen: 77.353 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	39.2	58.8
54	47.4	37.8	56.8

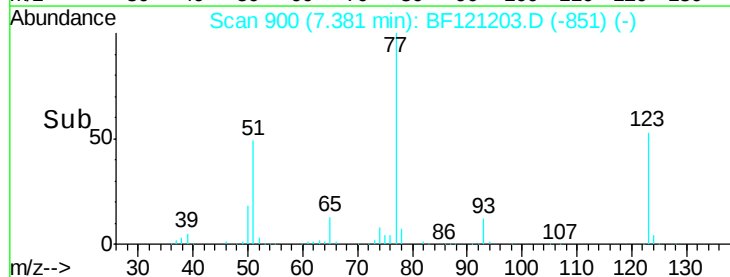
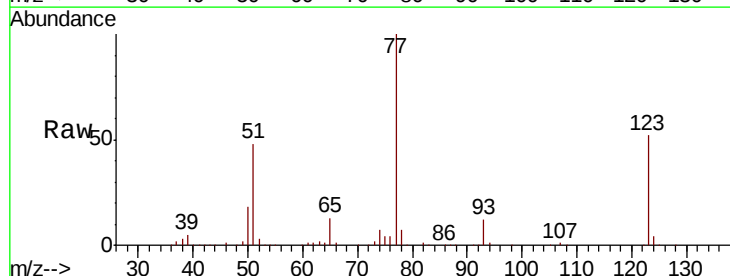
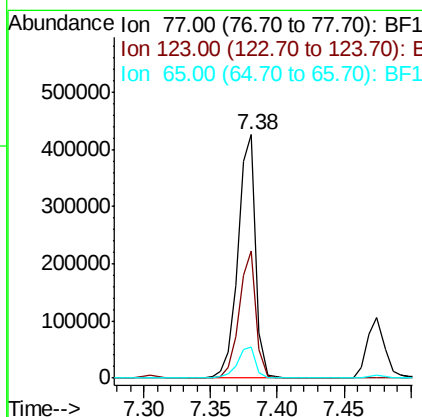
Manual Integrations
 APPROVED

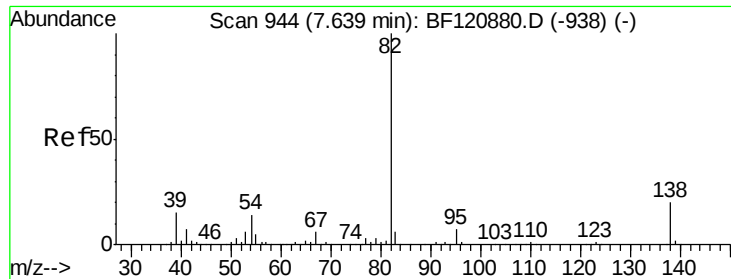
mohammad
 8/7/2020 1:50:51 PM



#24
 Nitrobenzene
 Concen: 39.669 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	41.0	61.6
65	13.0	10.3	15.5





#25

Isophorone

Concen: 38.623 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

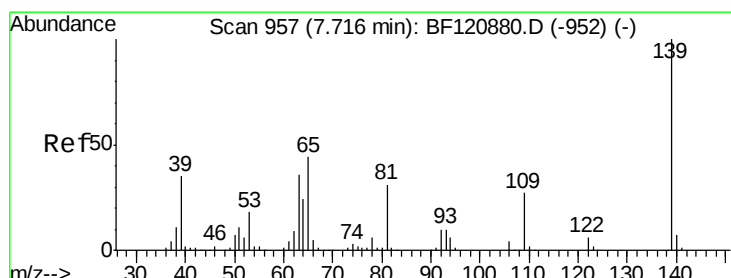
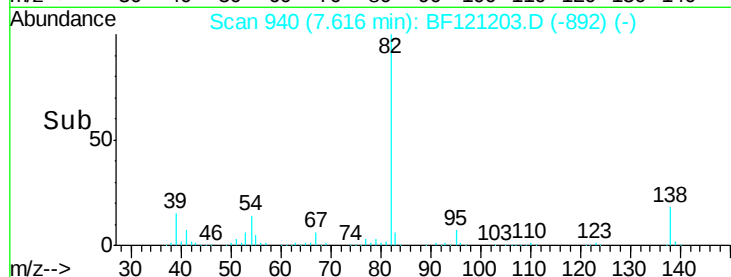
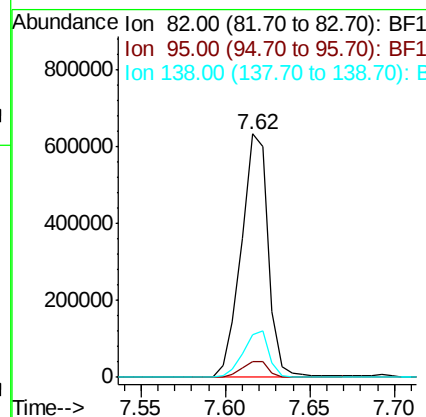
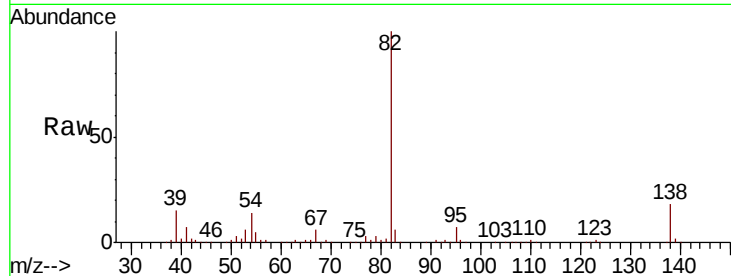
ClientSampleId :

PB130763BS

Tot Ion:	82	Resp:	708107
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.5	8.3
138	17.8	16.2	24.2

Manual Integrations
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mohammad
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#26

2-Nitrophenol

Concen: 44.814 ng

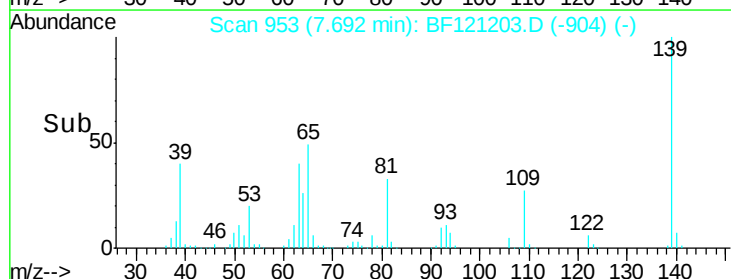
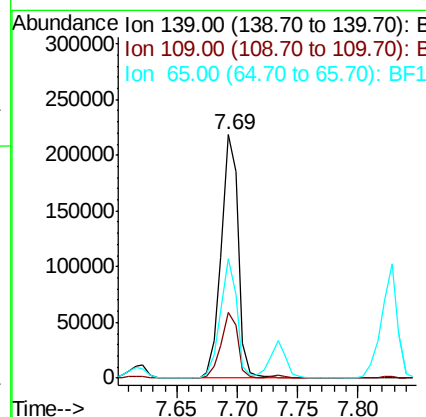
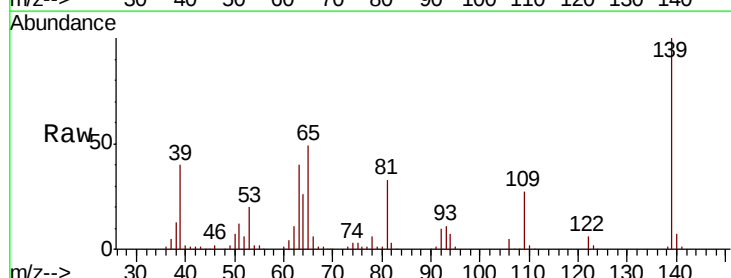
RT: 7.69 min Scan# 953

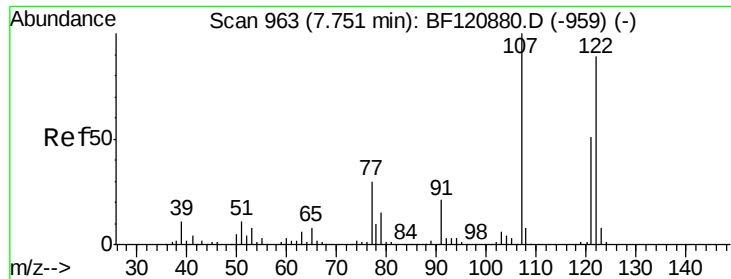
Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	139	Resp:	210732
Ion Ratio		Lower	Upper
139	100		
109	27.2	21.7	32.5
65	49.2	36.3	54.5





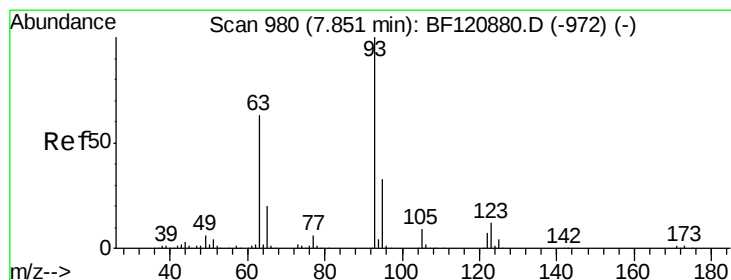
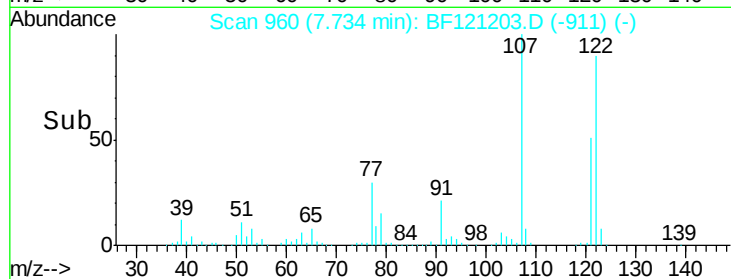
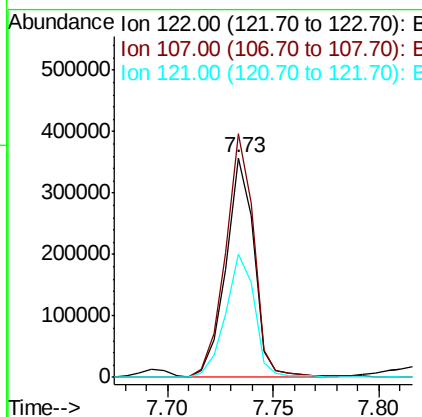
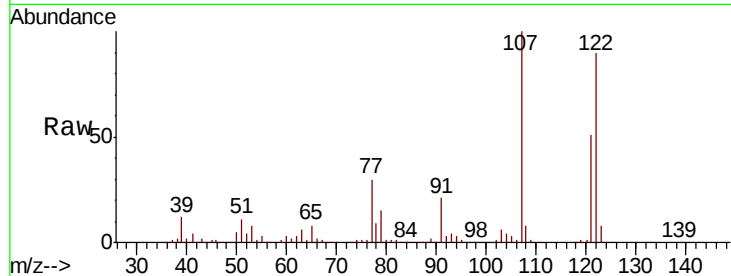
#27
2,4-Dimethylphenol
Concen: 43.329 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampled :
PB130763BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	87.1	130.7
121	56.1	45.5	68.3

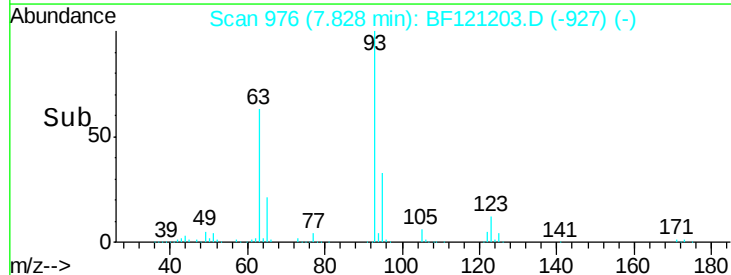
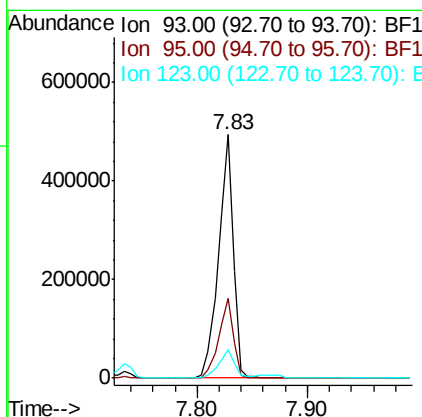
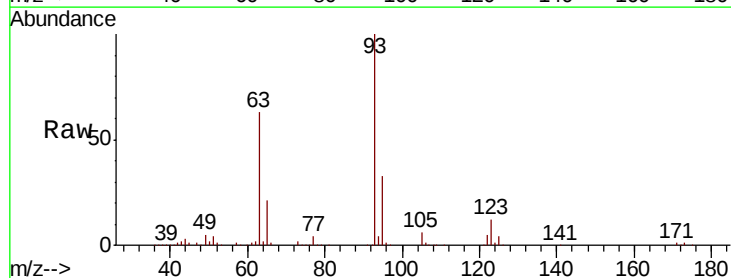
Manual Integrations
APPROVED

mohammad
8/7/2020 1:50:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.021 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.8	9.5	14.3





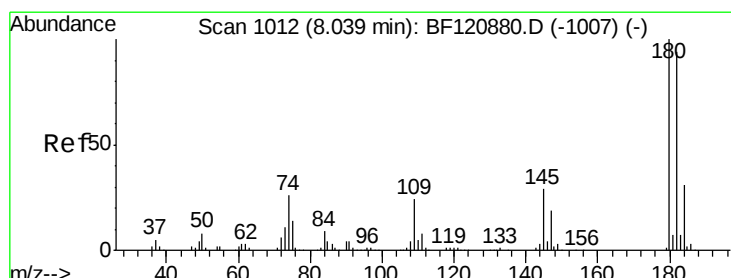
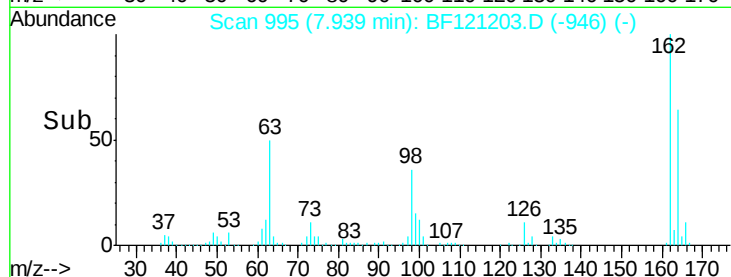
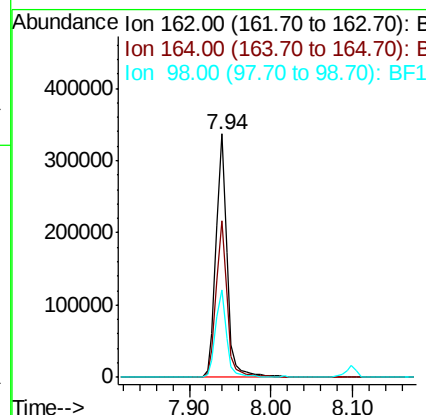
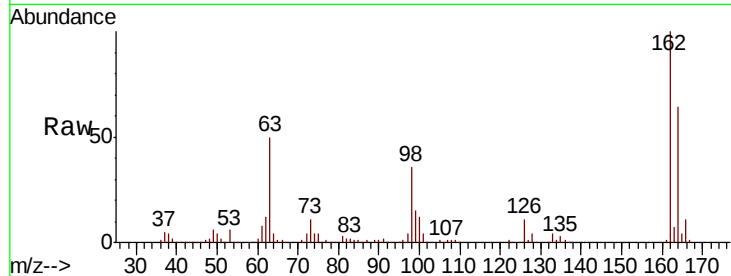
#29
2,4-Dichlorophenol
Concen: 40.580 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	316589		
164	64.3		44.7	84.7
98	35.9		14.2	54.2

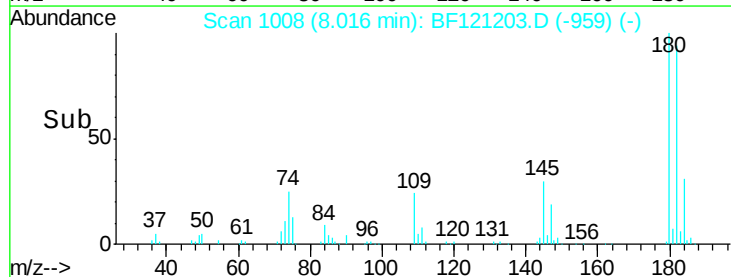
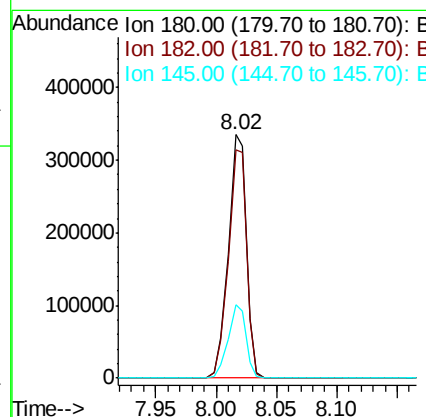
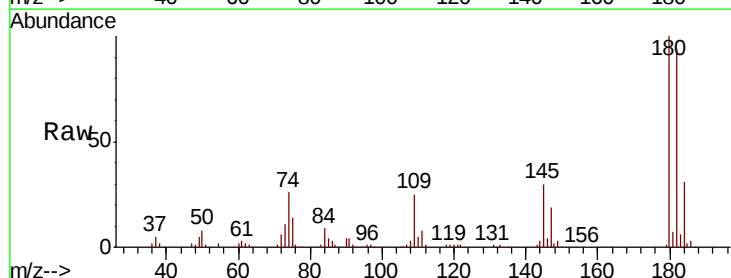
Manual Integrations
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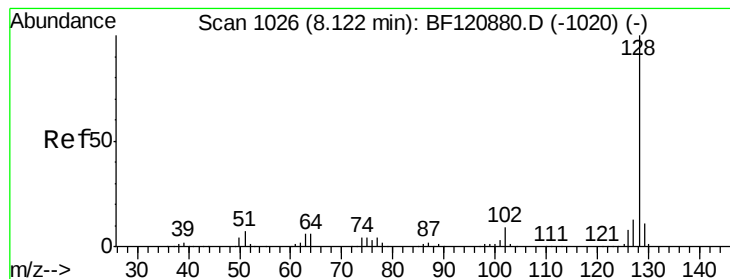
mohammad
8/7/2020 1:50:51 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.127 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347328		
182	93.5		76.4	114.6
145	29.9		24.2	36.4





#31

Naphthalene

Concen: 39.661 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

Tot Ion:128 Resp: 1081393

Ion Ratio Lower Upper

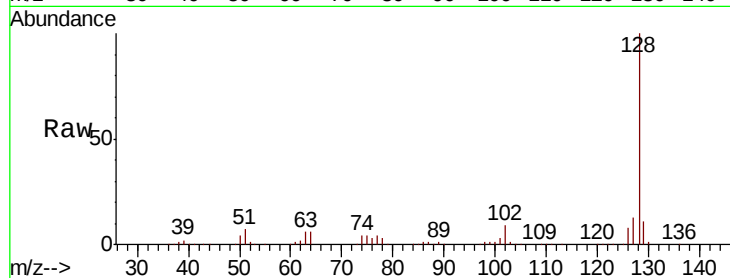
128 100

129 11.4 9.3 13.9

127 13.4 10.8 16.2

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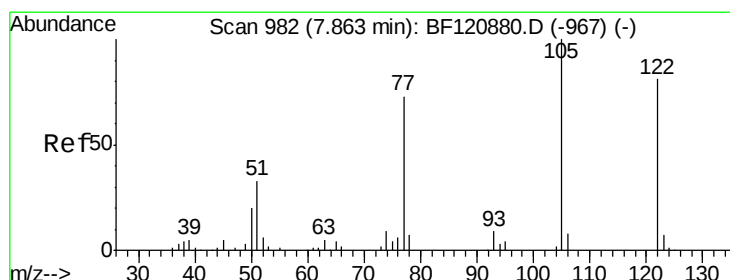
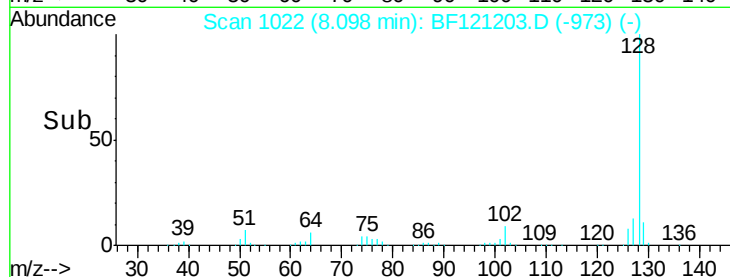
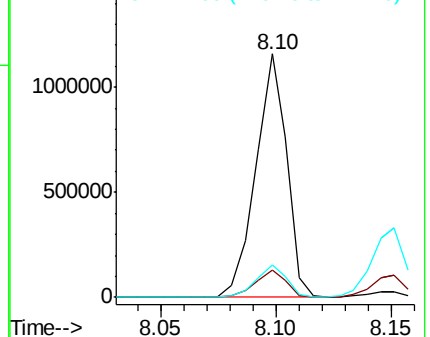


Abundance

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: 34.944 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

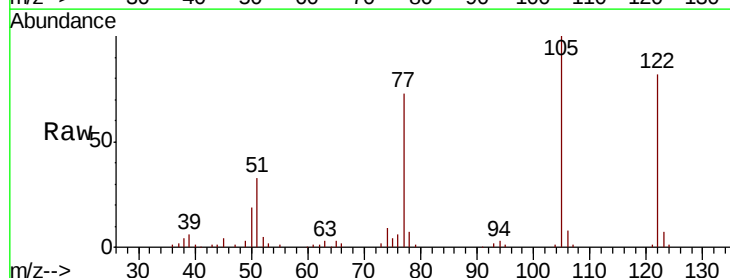
Tgt Ion:122 Resp: 200268

Ion Ratio Lower Upper

122 100

105 121.5 100.9 140.9

77 89.1 67.8 107.8

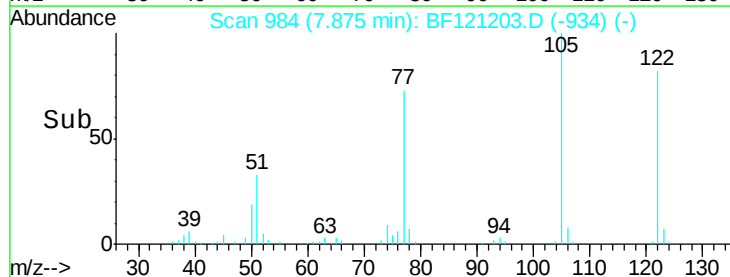
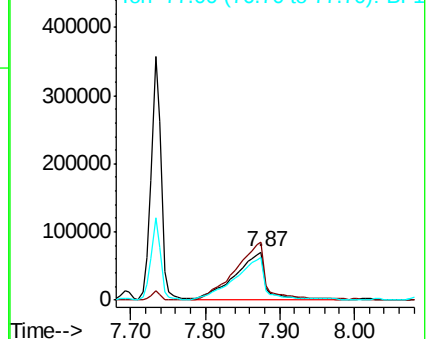


Abundance

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





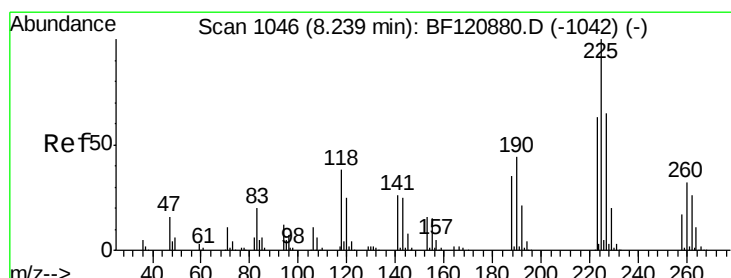
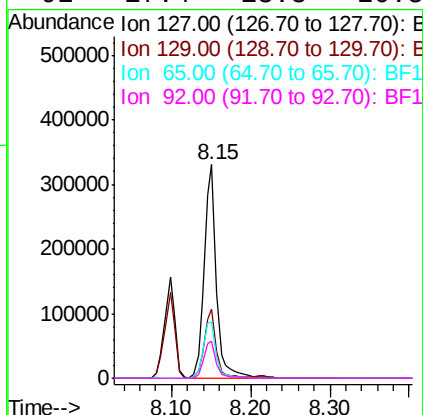
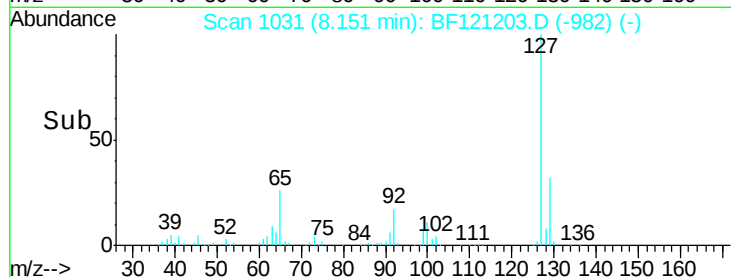
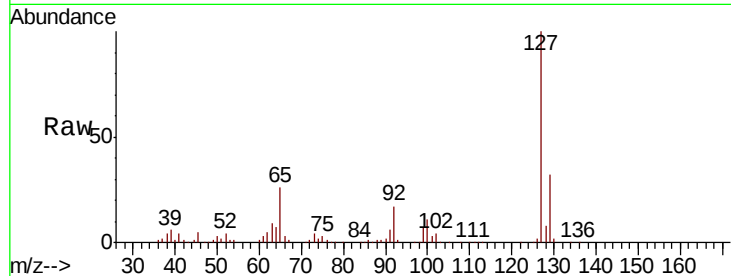
#33
4-Chloroaniline
Concen: 29.439 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	26.4	21.4	32.0		
92	17.4	13.8	20.8		

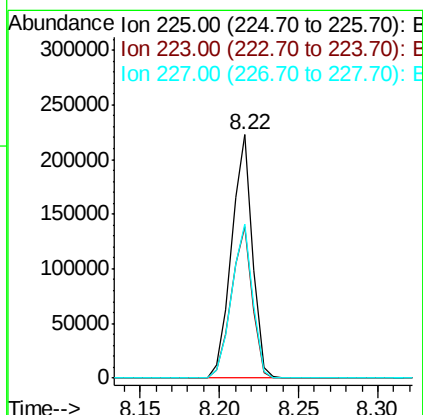
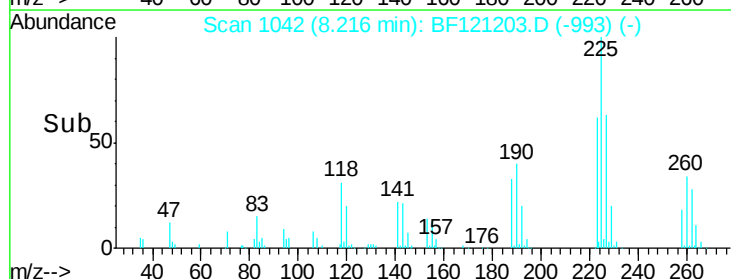
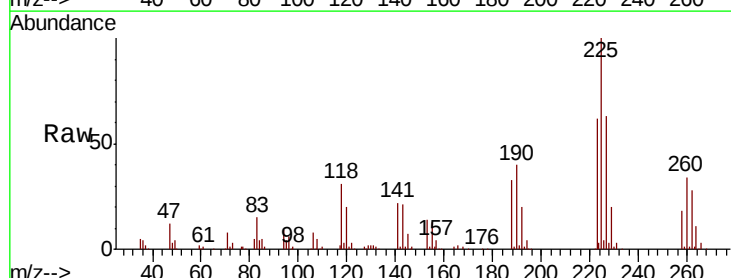
Manual Integrations
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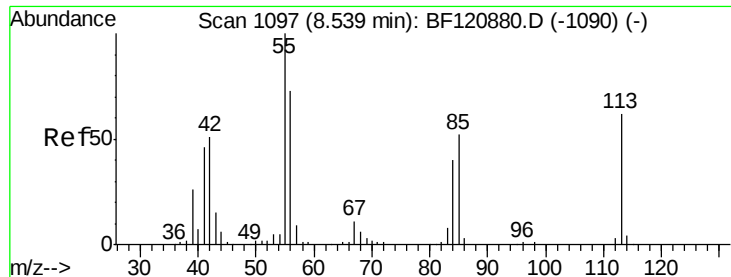
mohammad
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#34
Hexachlorobutadiene
Concen: 39.761 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.7	74.5		
227	63.4	51.4	77.0		





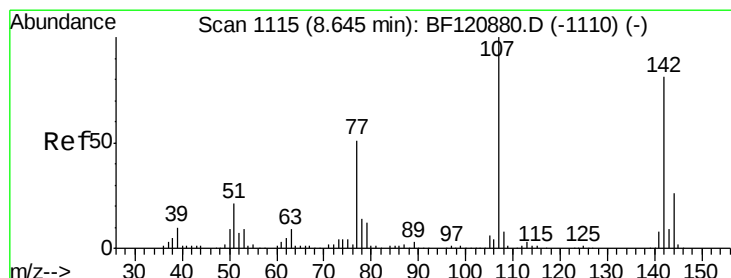
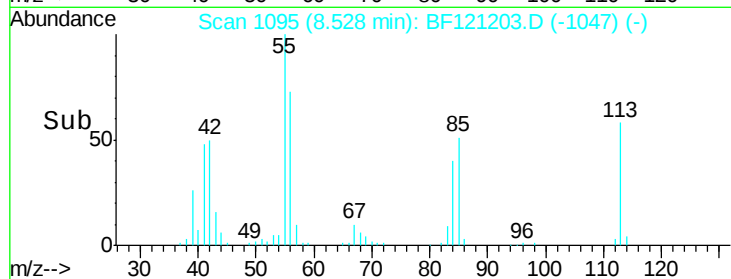
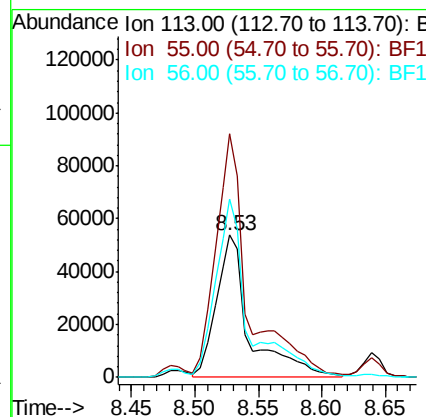
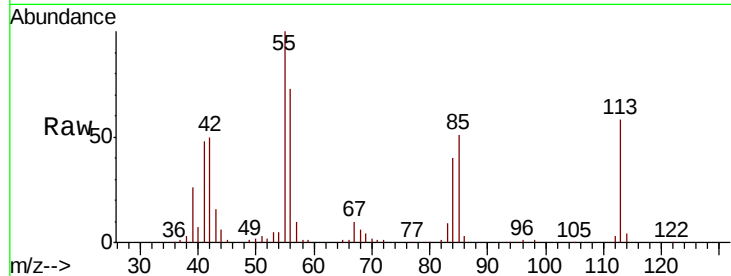
#35
Caprolactam
Concen: 39.445 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	131.0	171.0#
56	125.3	90.4	130.4

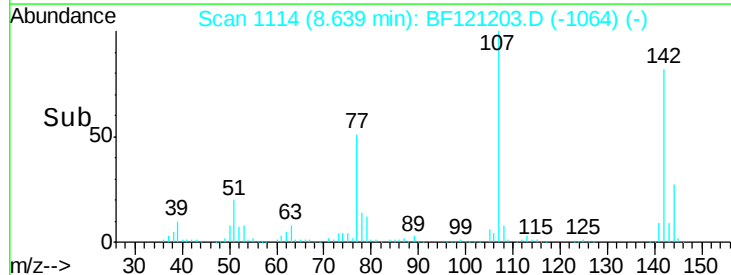
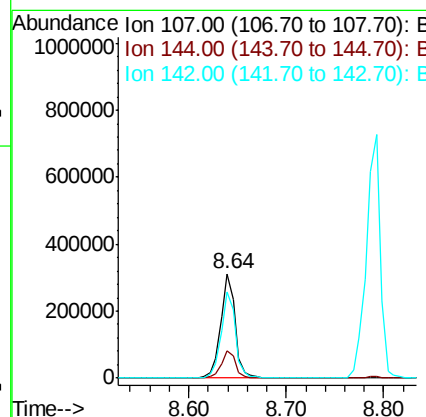
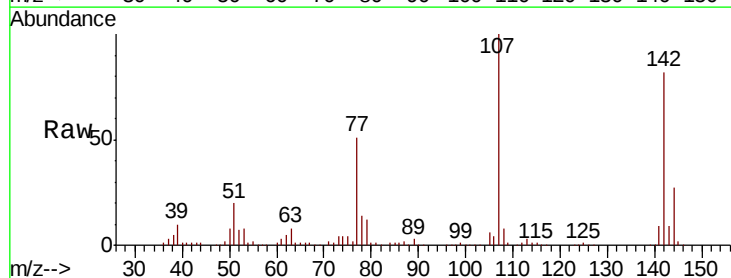
Manual Integrations
APPROVED

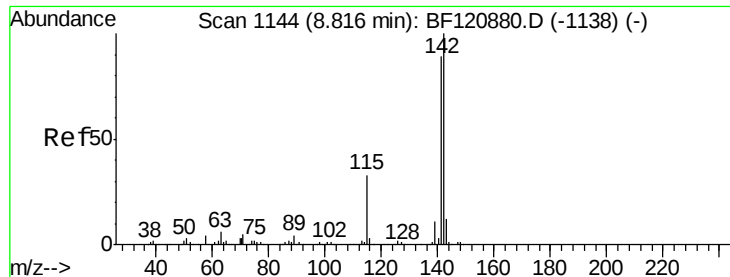
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.342 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.9	31.3
142	82.1	64.5	96.7





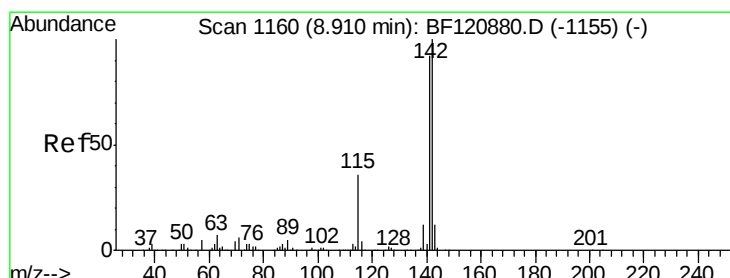
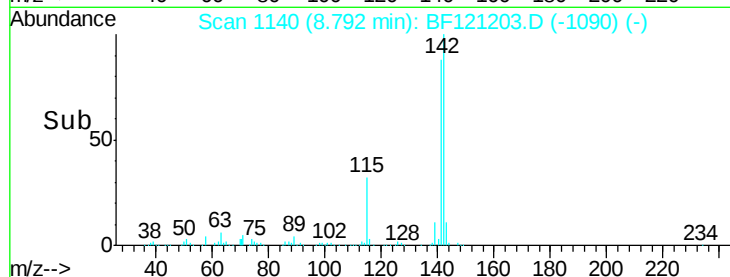
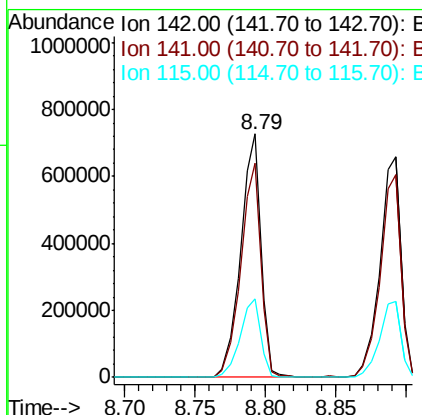
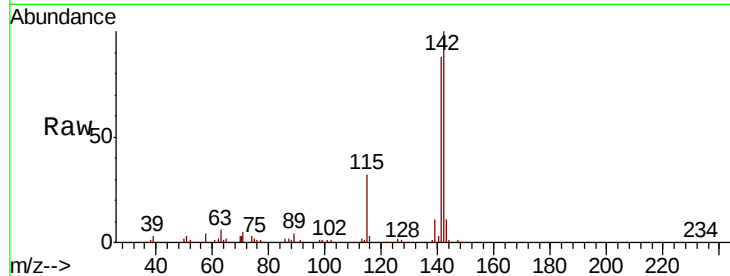
#37
2-Methylnaphthalene
Concen: 40.992 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	32.3	27.1	40.7

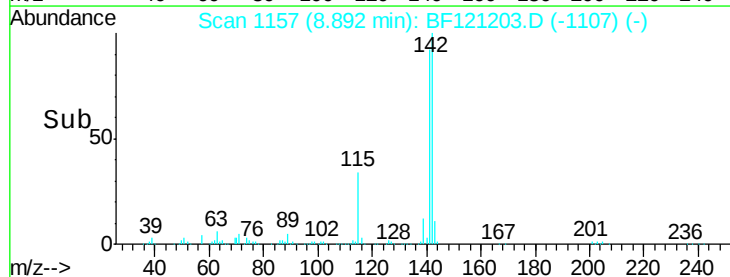
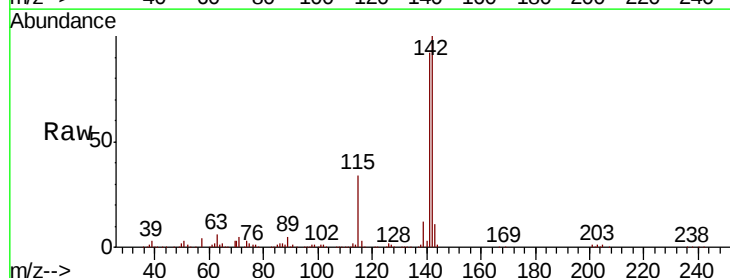
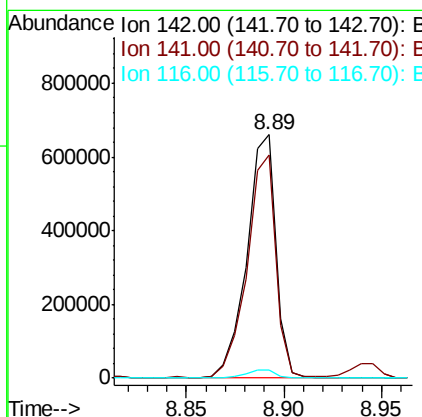
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 40.493 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.6
116	3.4	3.0	4.6





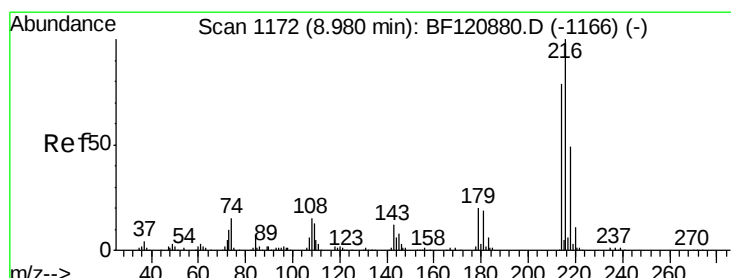
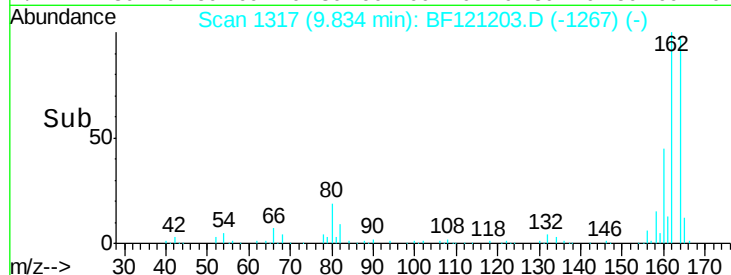
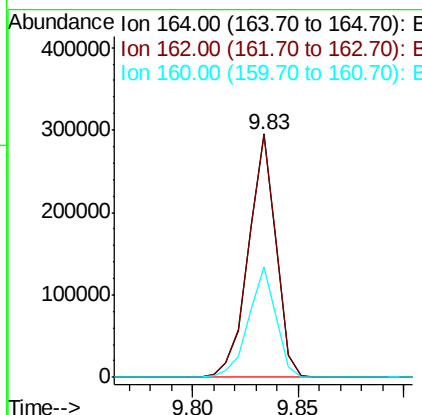
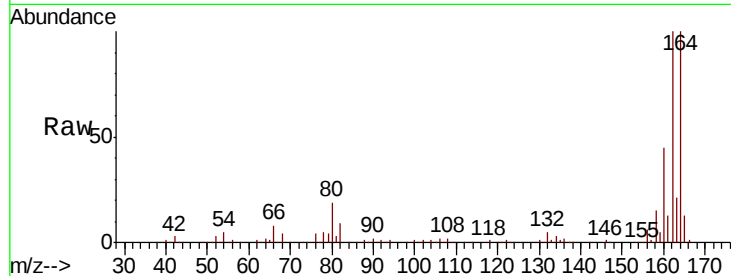
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.2	123.2
160	45.2	37.2	55.8

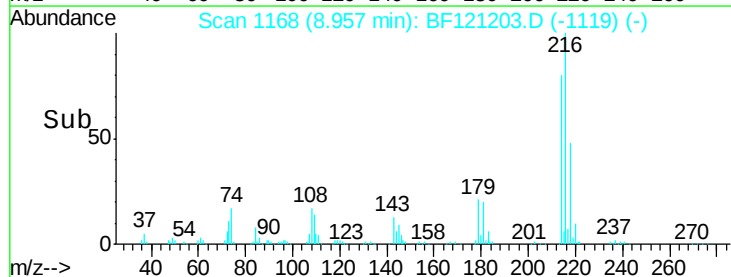
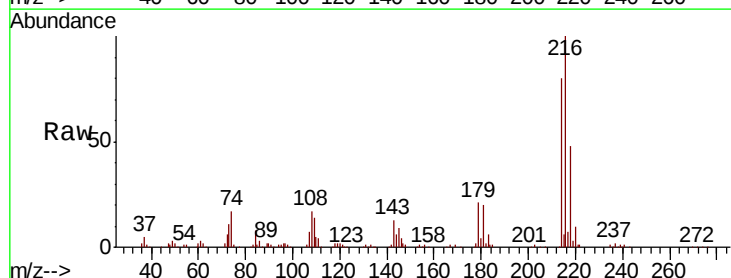
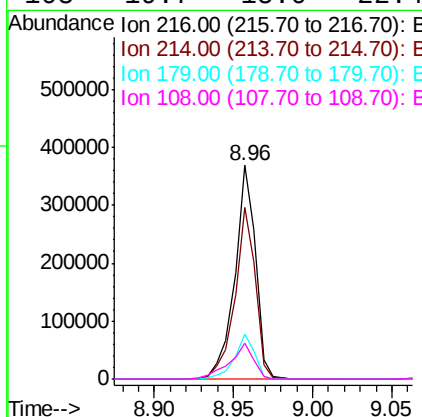
Manual Integrations
APPROVED

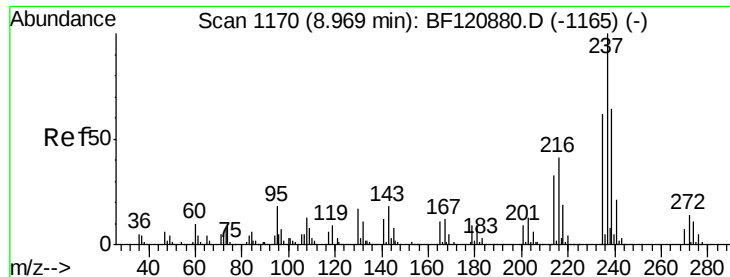
mohammad
8/7/2020 1:50:51 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.165 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	20.4	16.6	24.8
108	19.7	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 79.568 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

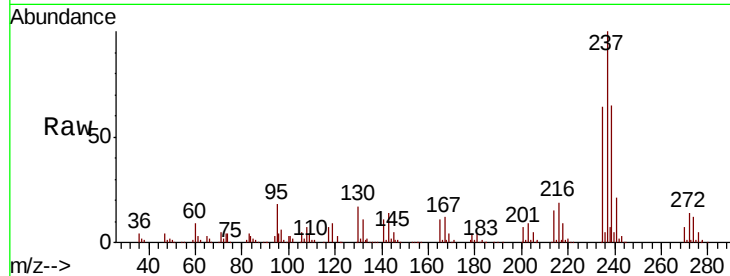
ClientSampleId :

PB130763BS

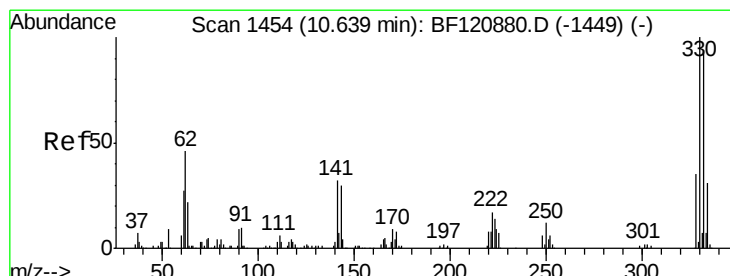
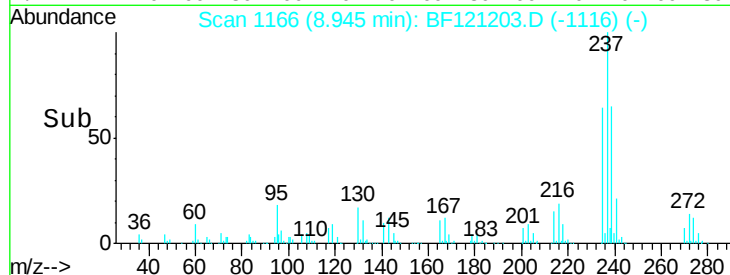
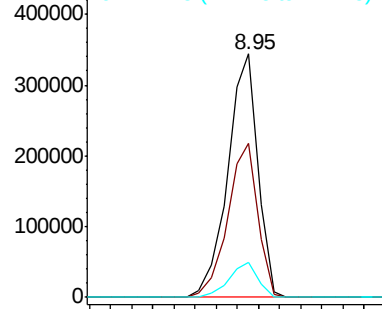
Tot Ion:	237	Resp:	341555
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	14.3	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 104.246 ng

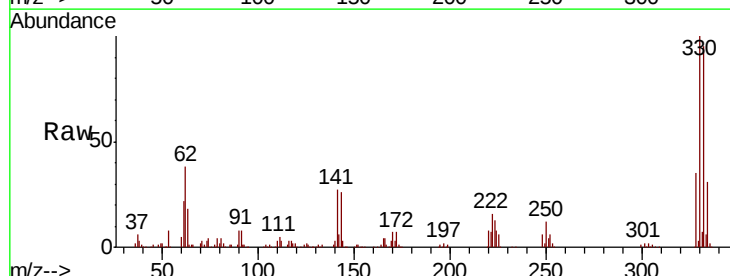
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

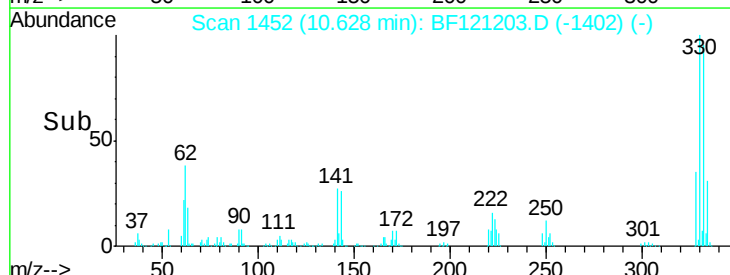
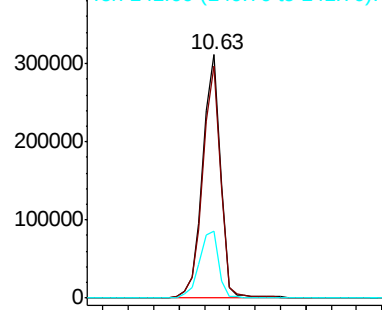
Lab File: BF121203.D

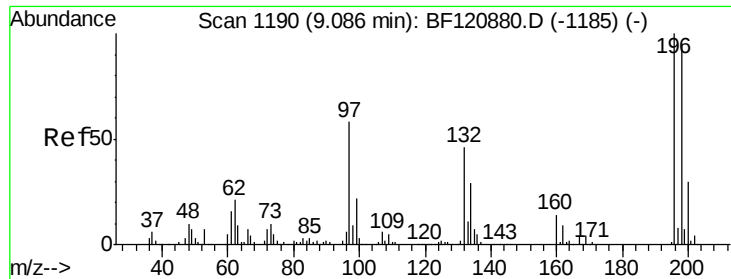
Acq: 6 Aug 2020 15:36

Tgt Ion:	330	Resp:	304185
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.1	114.1
141	29.9	24.1	36.1



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





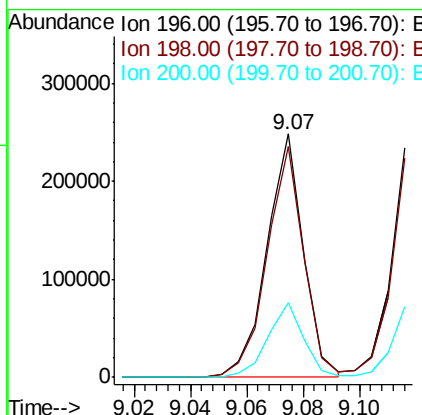
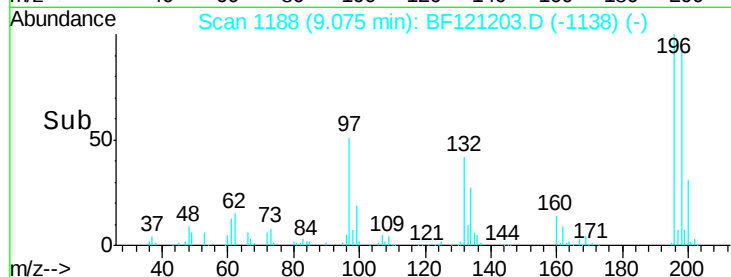
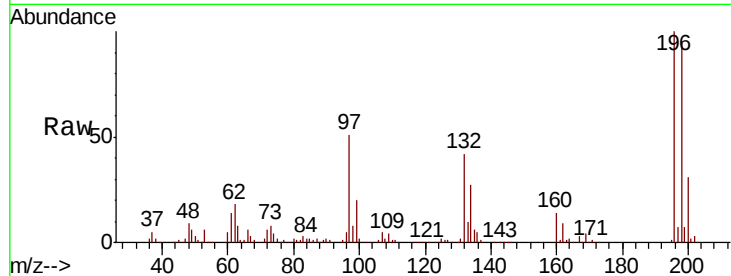
#43
 2,4,6-Trichlorophenol
 Concen: 40.767 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion:	196	Resp:	222938
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.5	116.3
200	30.7	24.6	37.0

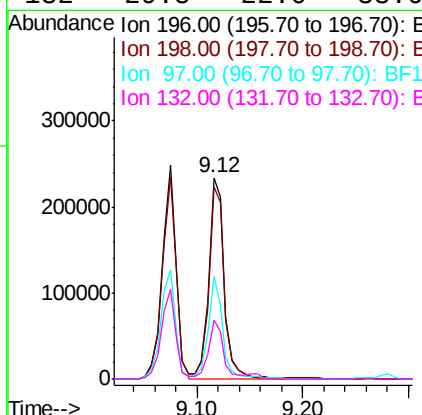
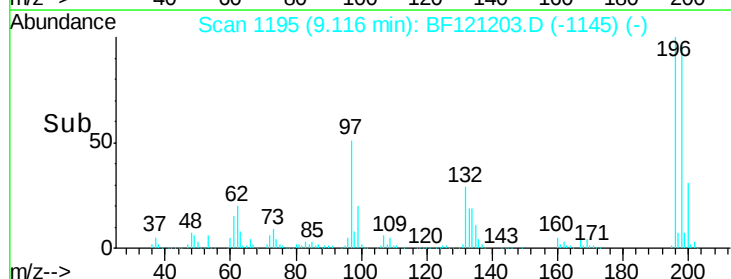
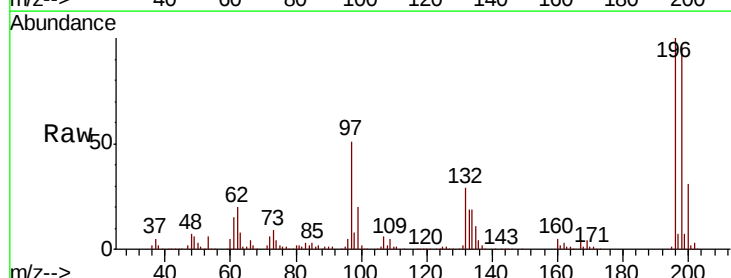
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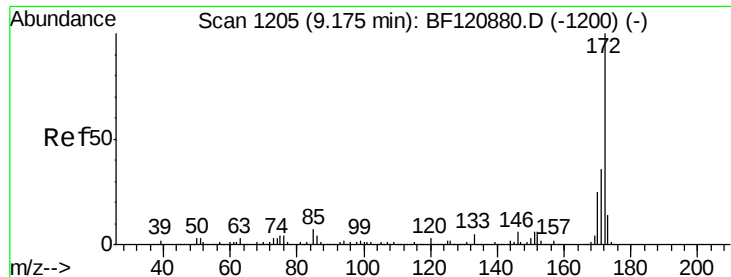
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.767 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:	196	Resp:	240483
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.2	114.4
97	50.9	37.3	55.9
132	29.5	22.0	33.0





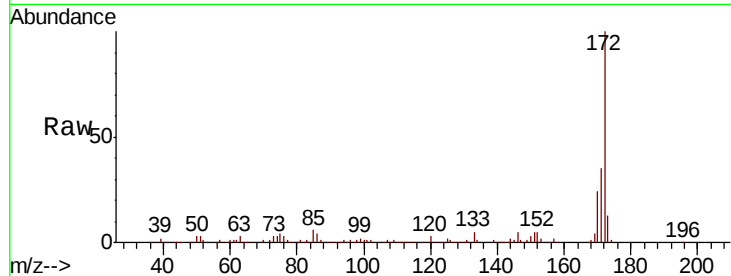
#45
2-Fluorobiphenyl
Concen: 71.764 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.9	19.6	29.4

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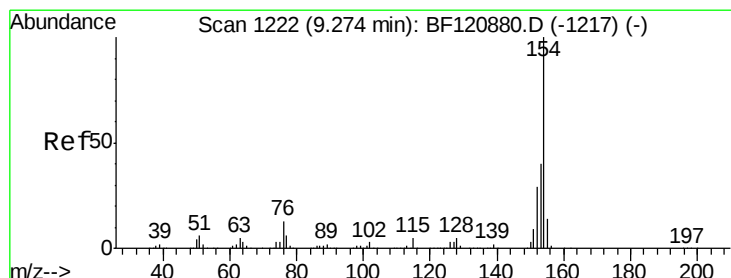
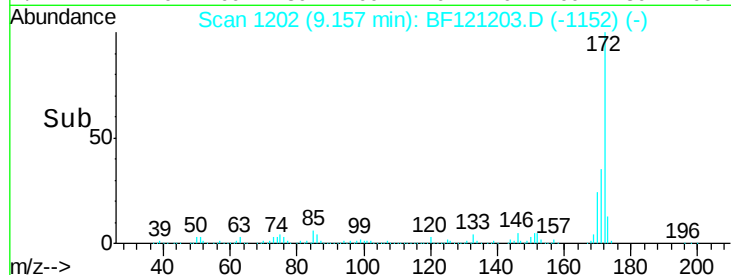
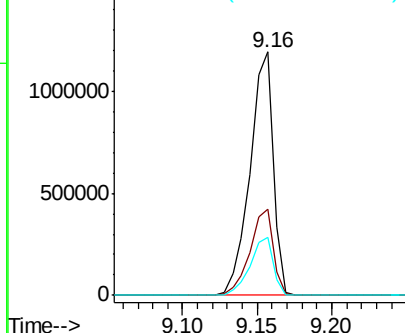


Abundance

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: 42.546 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

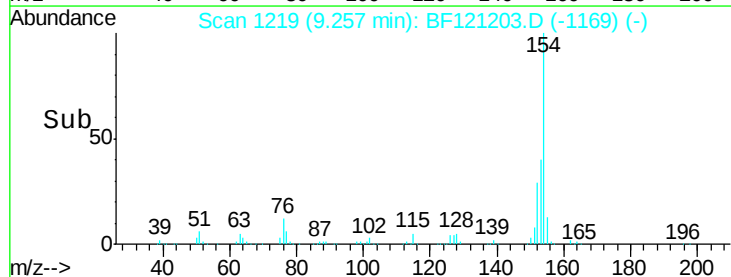
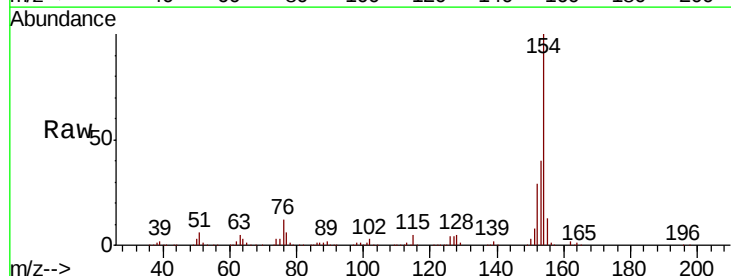
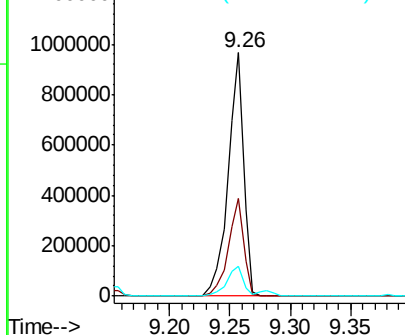
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.5	0.0	33.4

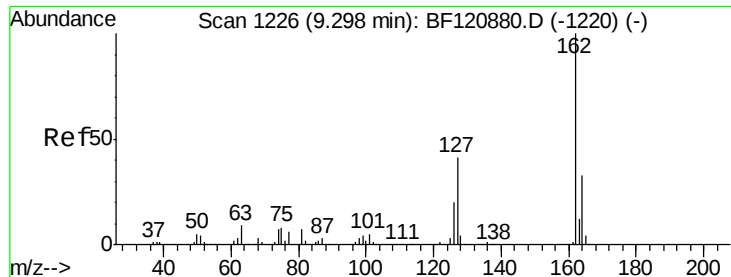
Abundance

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





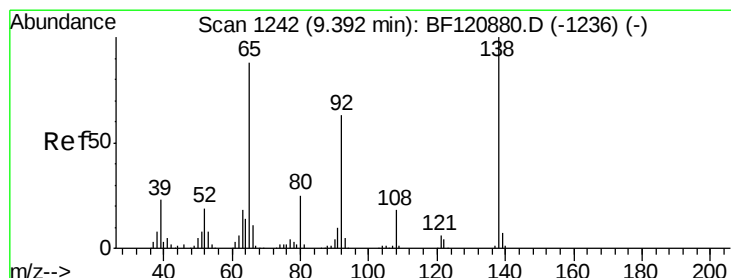
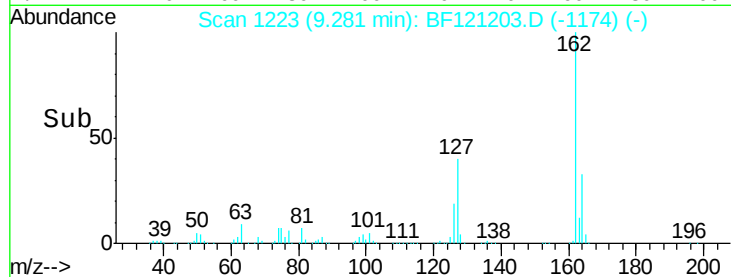
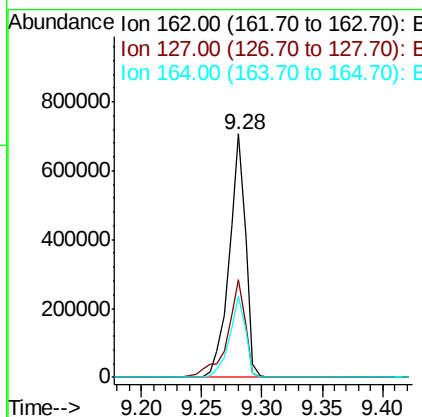
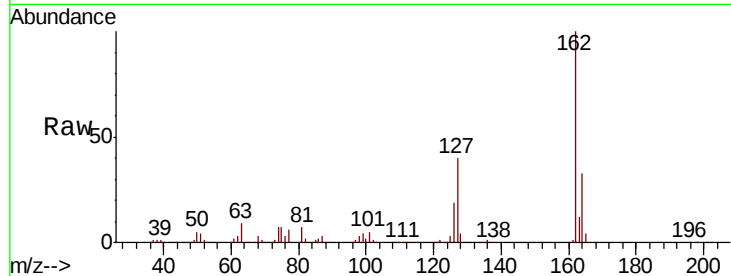
#47
 2-Chloronaphthalene
 Concen: 40.096 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	664752		
127	40.3	31.1	46.7	
164	33.4	26.6	40.0	

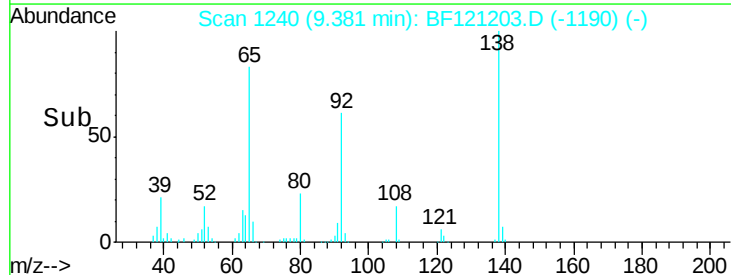
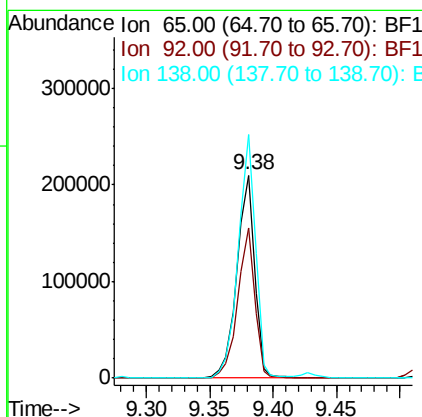
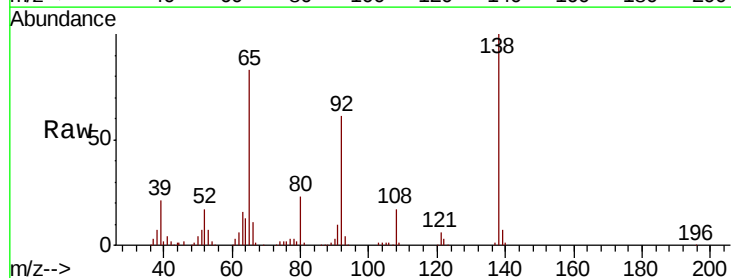
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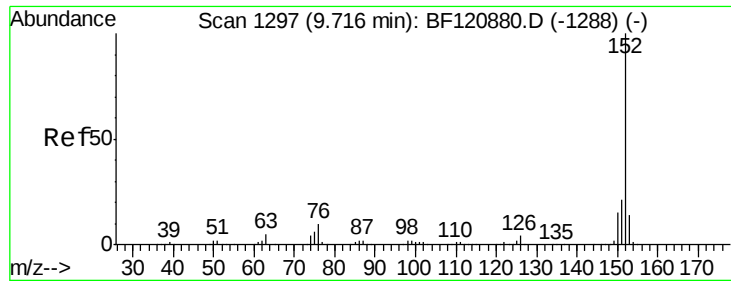
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#48
 2-Nitroaniline
 Concen: 40.623 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	203528		
92	73.6	58.0	87.0	
138	119.9	93.3	139.9	





#49

Acenaphthylene

Concen: 41.044 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

Tot Ion:152 Resp: 1057112

Ion Ratio Lower Upper

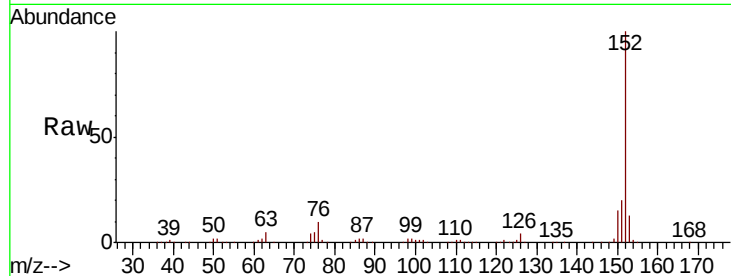
152 100

151 20.5 16.6 25.0

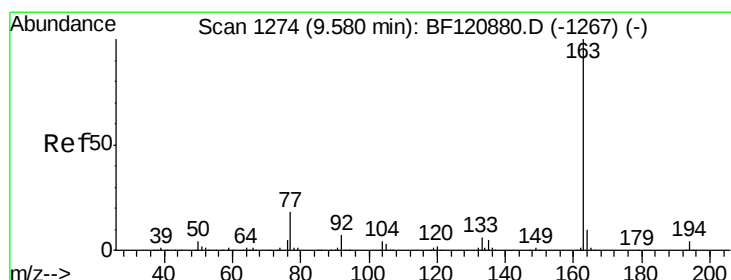
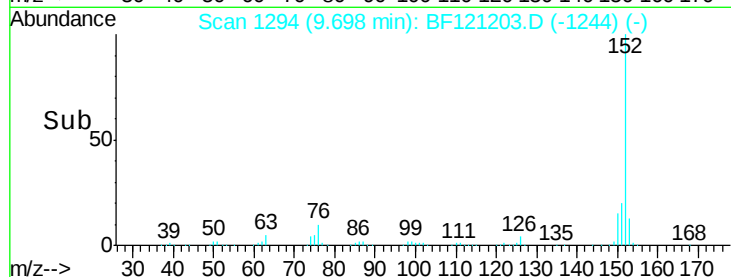
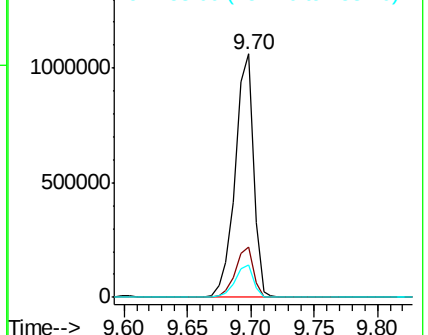
153 13.2 11.0 16.4

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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: 40.869 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

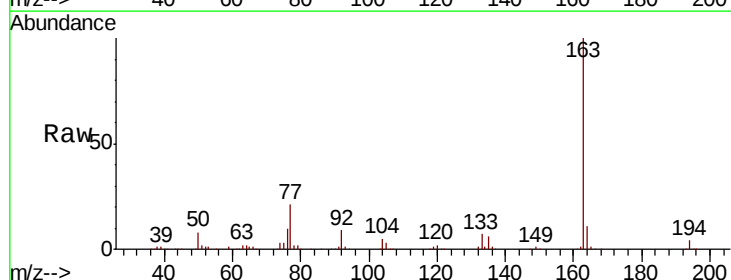
Tgt Ion:163 Resp: 785985

Ion Ratio Lower Upper

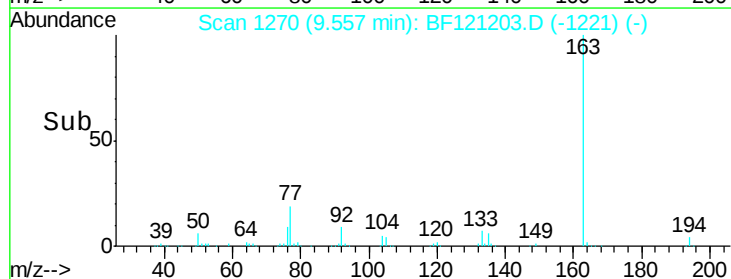
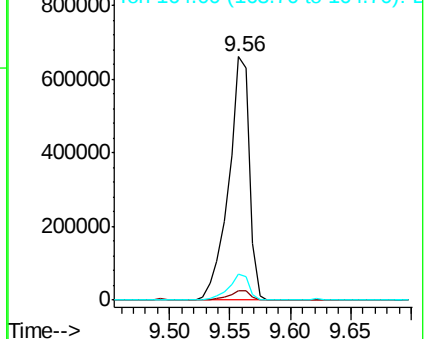
163 100

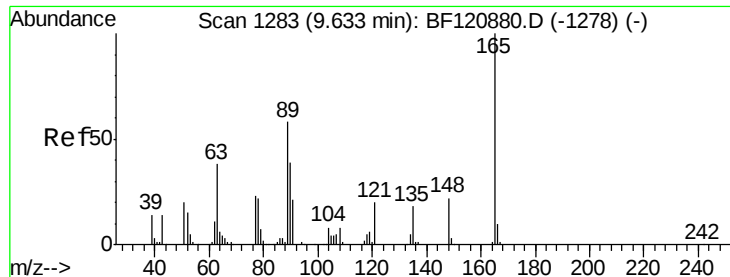
194 3.8 3.0 4.4

164 10.6 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 41.851 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

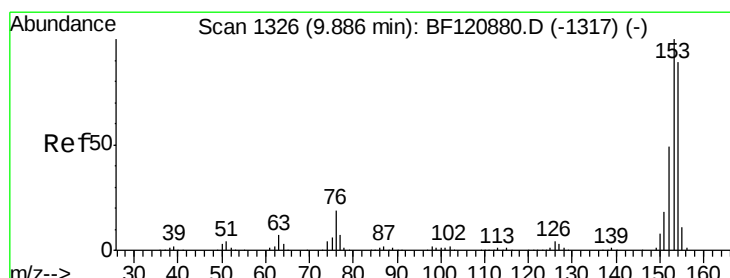
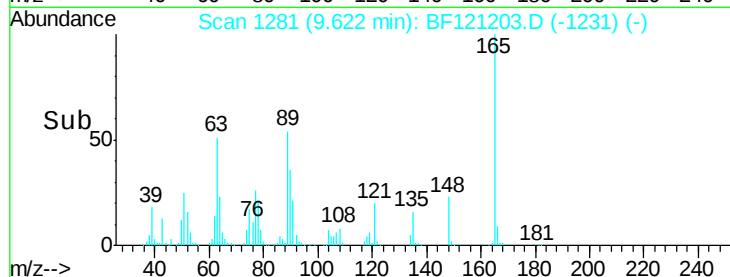
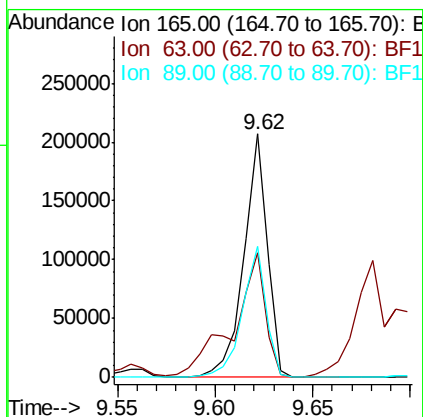
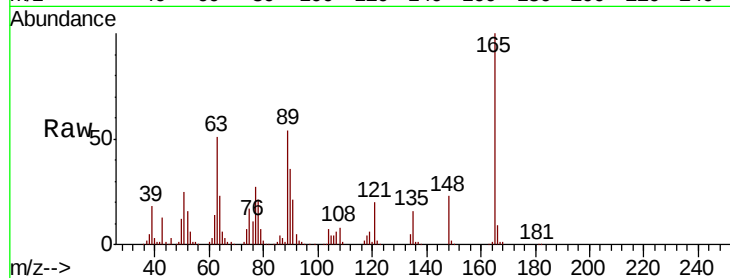
ClientSampleId :

PB130763BS

Tot Ion:	165	Resp:	172921
Ion Ratio	Lower	Upper	
165	100		
63	51.2	41.1	61.7
89	54.0	43.5	65.3

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#52

Acenaphthene

Concen: 43.214 ng m

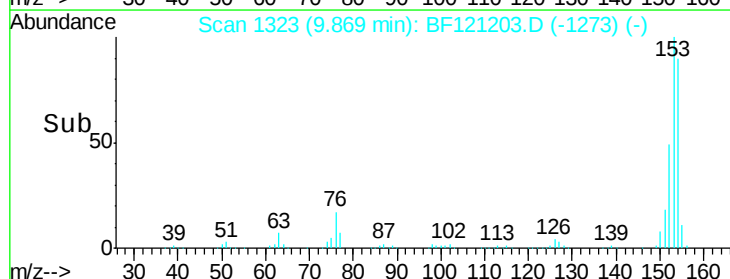
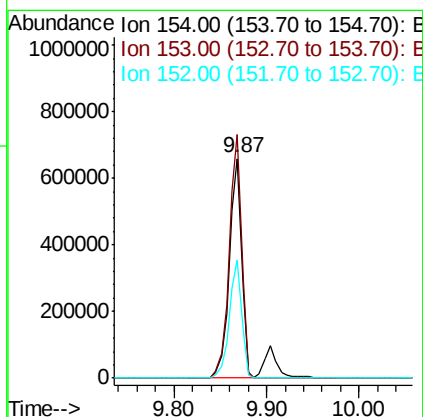
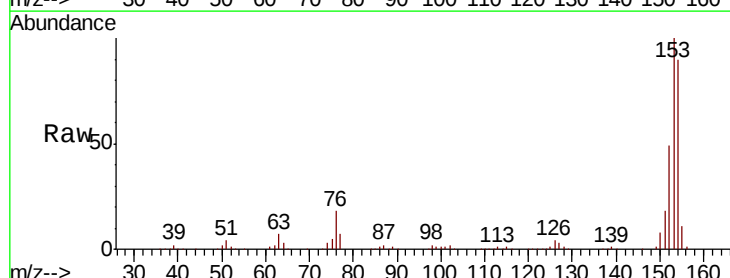
RT: 9.87 min Scan# 1323

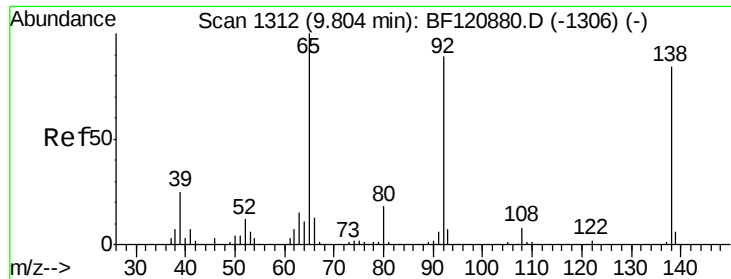
Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	154	Resp:	707621
Ion Ratio	Lower	Upper	
154	100		
153	110.9	89.6	134.4
152	54.0	43.8	65.6





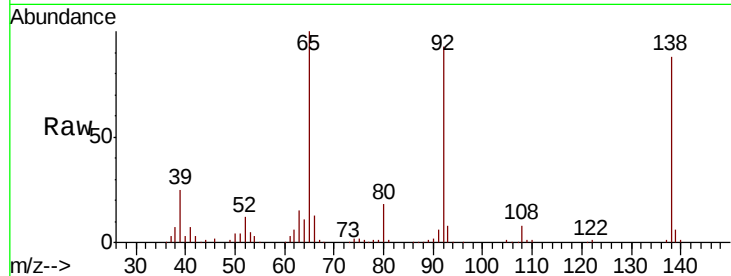
#53
3-Nitroaniline
Concen: 27.950 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

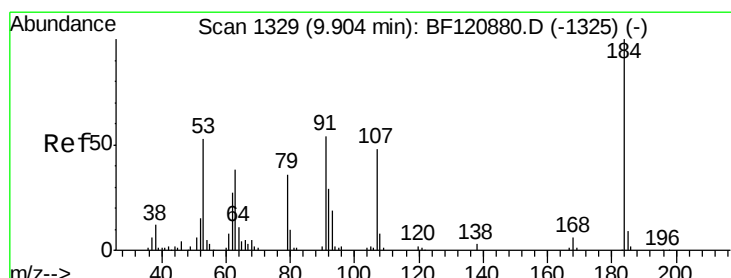
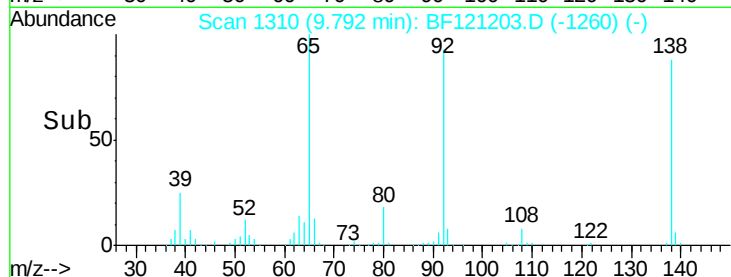
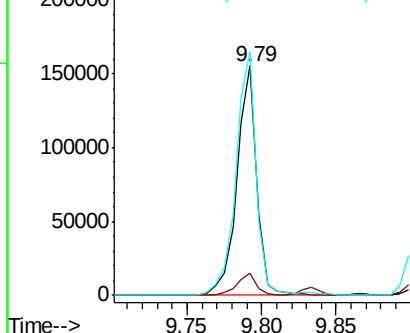
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.8
92	106.1	85.0	127.4

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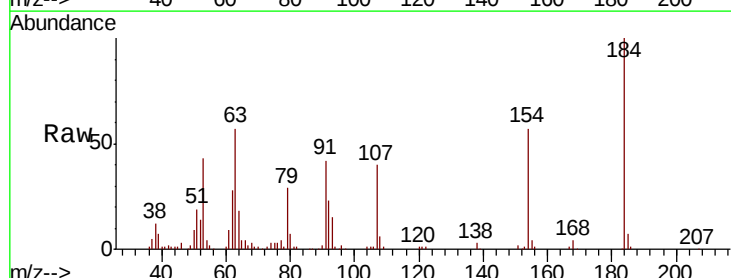


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

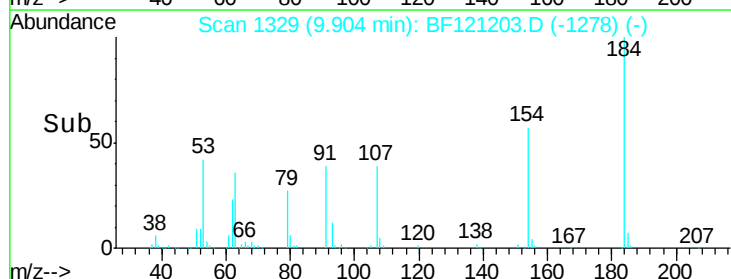
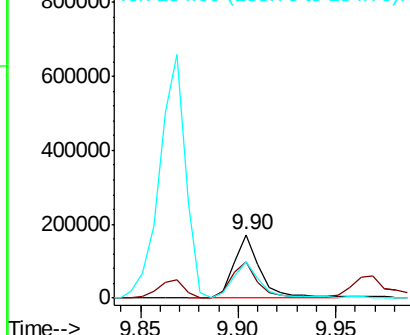


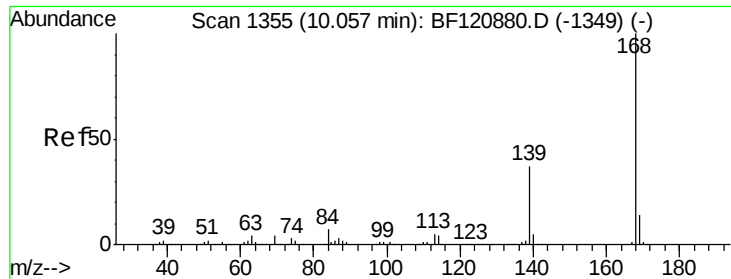
#54
2,4-Dinitrophenol
Concen: 68.641 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	42.5	63.7
154	57.2	46.8	70.2



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





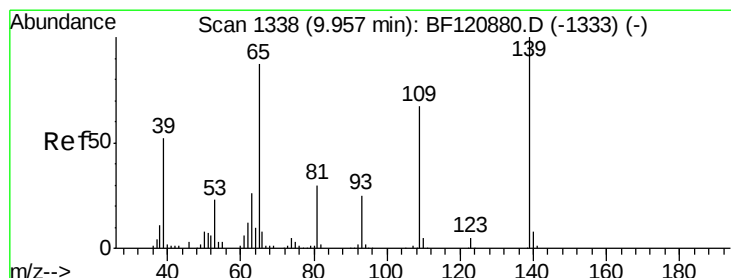
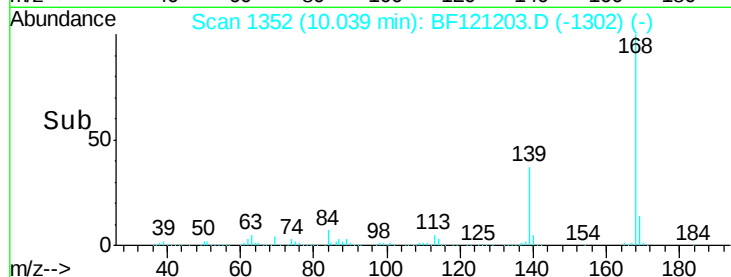
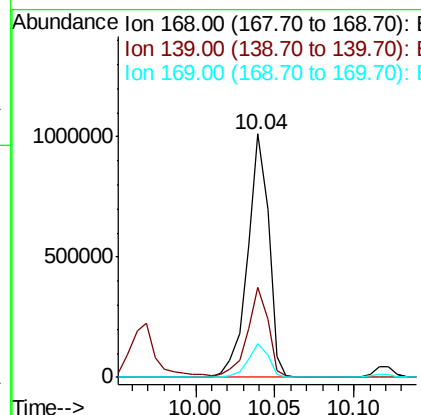
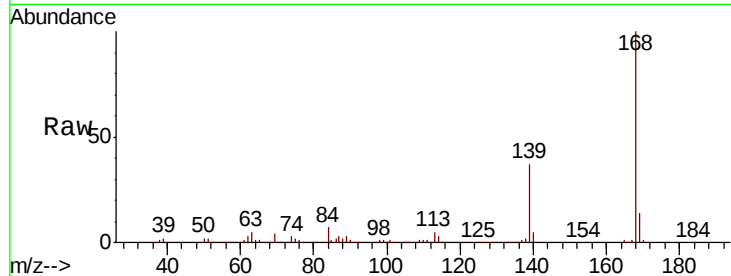
#55
Dibenzofuran
Concen: 39.158 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.8	11.3	16.9

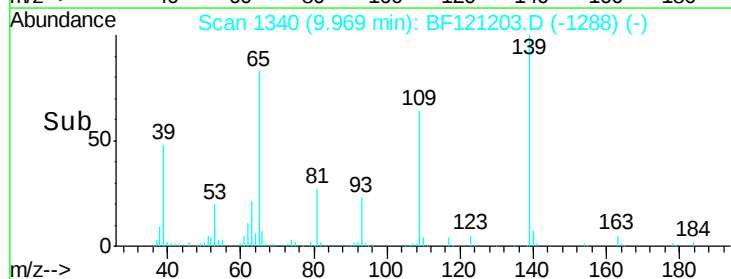
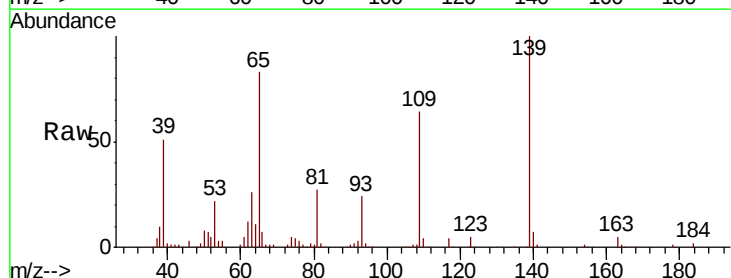
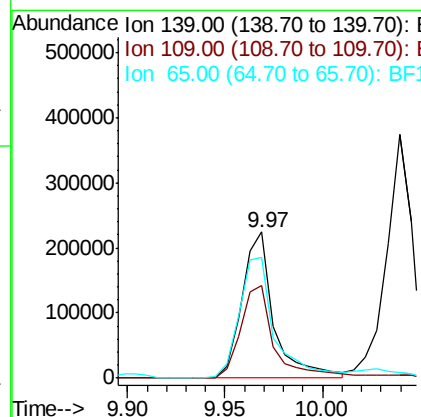
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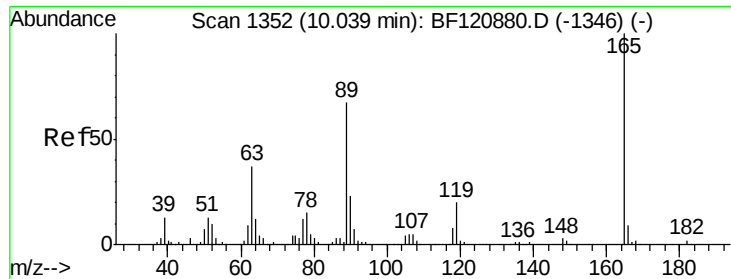
mohammad
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#56
4-Nitrophenol
Concen: 64.612 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	44.8	84.8
65	83.1	65.6	105.6





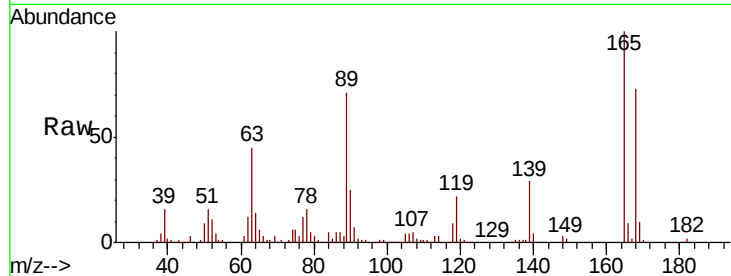
#57
2,4-Dinitrotoluene
Concen: 41.400 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	224632		
63	44.5	29.8	44.8	
89	71.1	50.3	75.5	
182	2.4	2.1	3.1	

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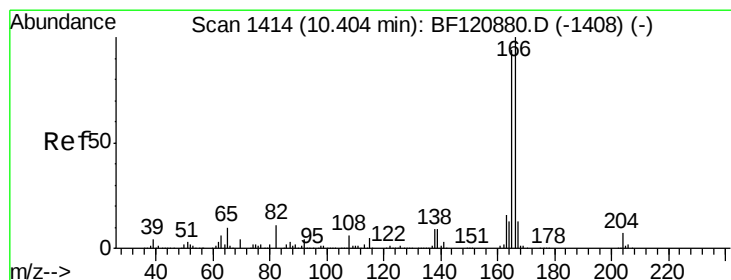
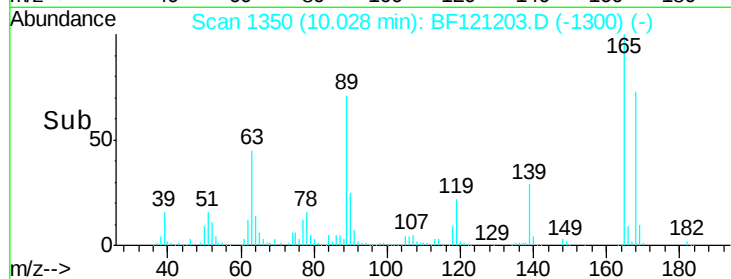
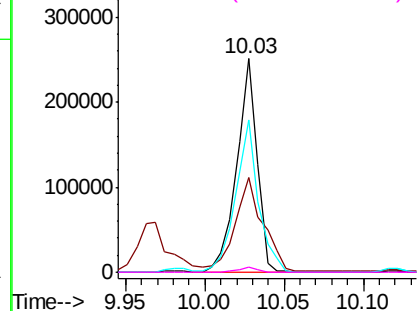
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

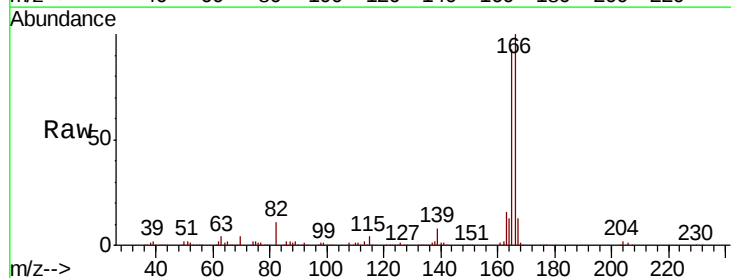
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.537 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	698243		
165	93.5	76.4	114.6	
167	13.4	10.7	16.1	

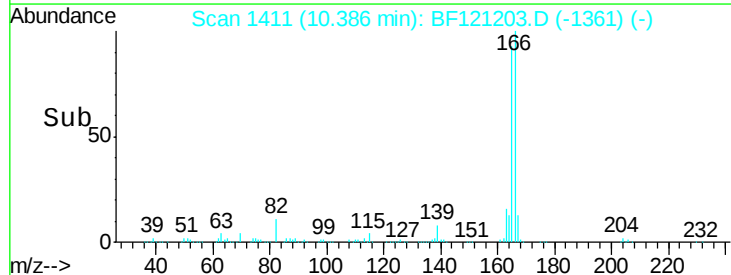
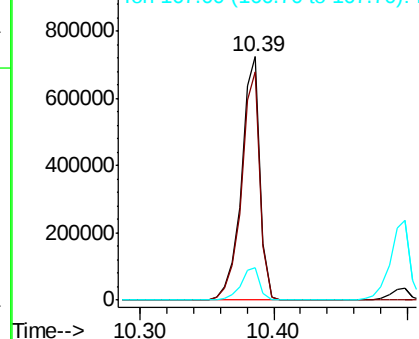


Abundance

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





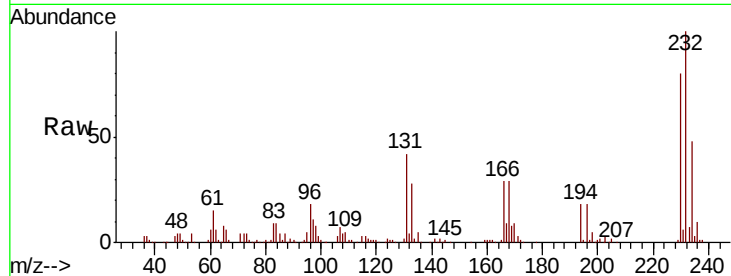
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.424 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

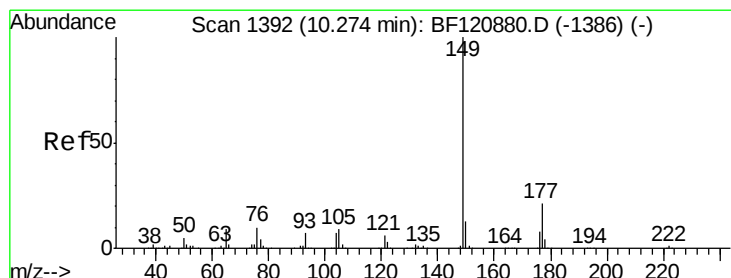
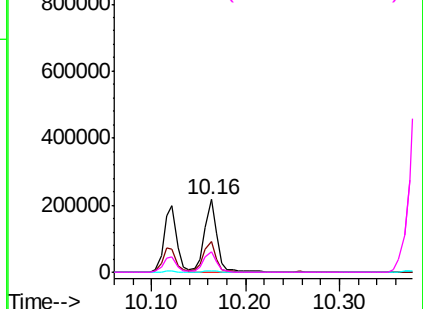
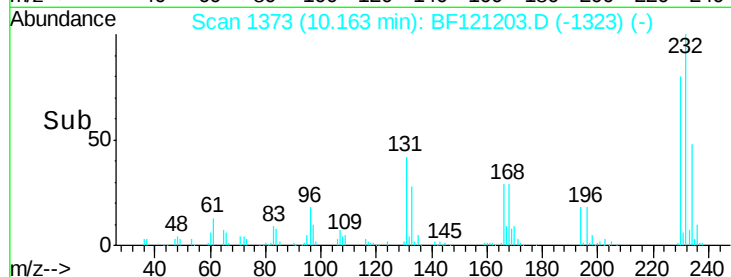
Tot Ion	Ratio	Resp	Lower	Upper
232	100	205095		
131	41.8	34.2	51.2	
130	2.2	1.7	2.5	
166	28.5	23.1	34.7	

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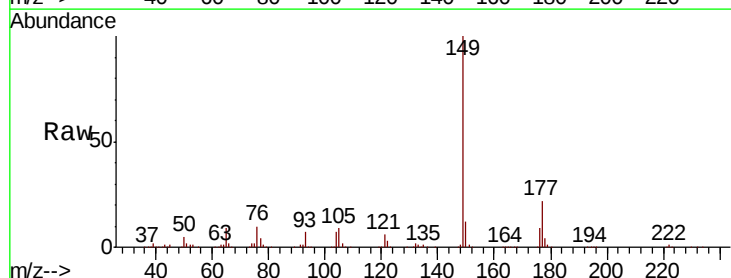


Abundance Ion 232.00 (231.70 to 232.70): E
 1000000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

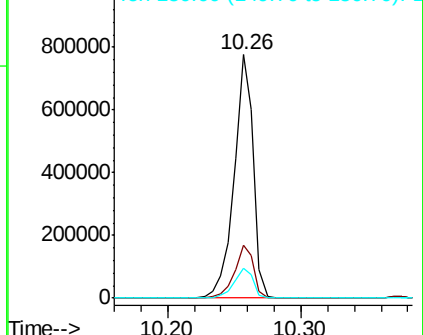
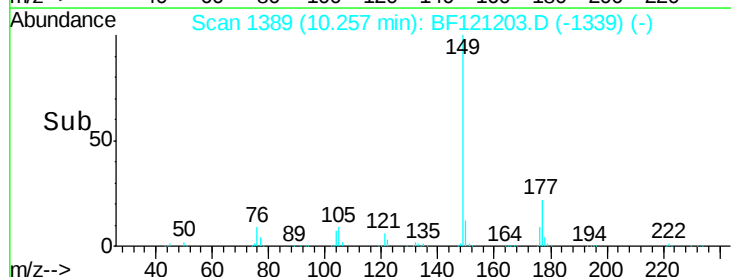


#60
 Diethylphthalate
 Concen: 39.863 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	775450		
177	21.8	17.6	26.4	
150	12.5	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.019 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

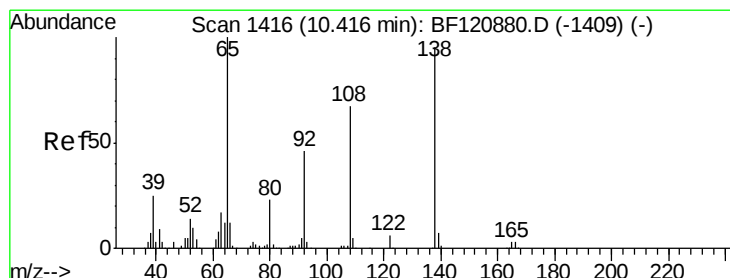
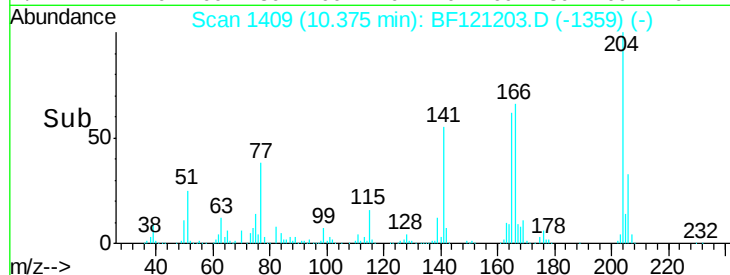
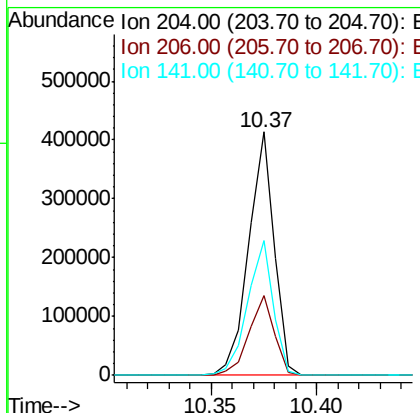
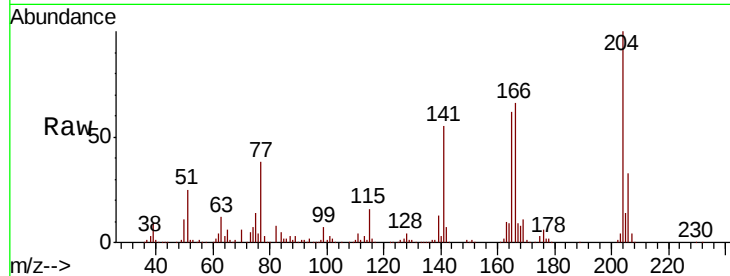
ClientSampled :

PB130763BS

Tot Ion:	204	Resp:	348707
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.0	39.0
141	55.5	46.9	70.3

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#62

4-Nitroaniline

Concen: 37.160 ng

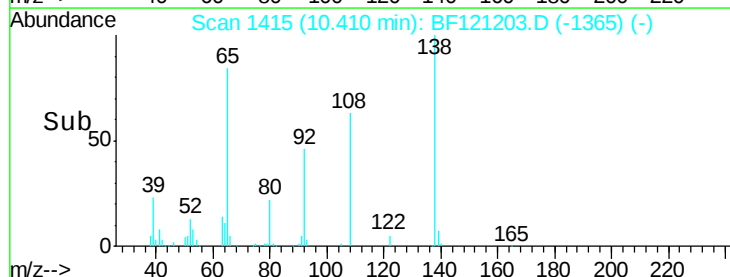
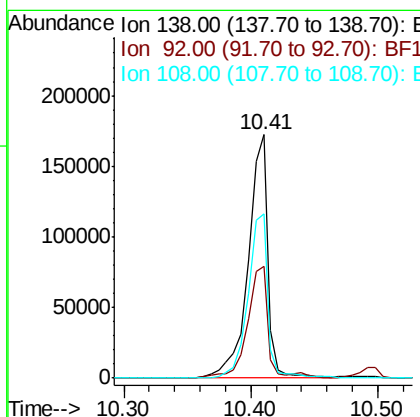
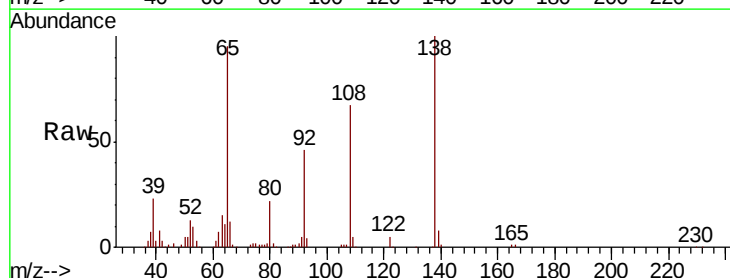
RT: 10.41 min Scan# 1415

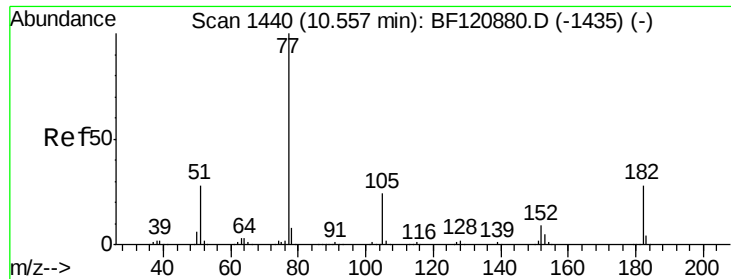
Delta R.T. -0.01 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	138	Resp:	187575
Ion Ratio	Lower	Upper	
138	100		
92	45.7	25.2	65.2
108	67.4	46.7	86.7





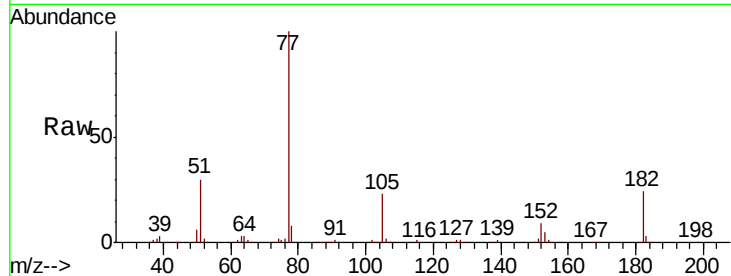
#63
Azobenzene
Concen: 39.375 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

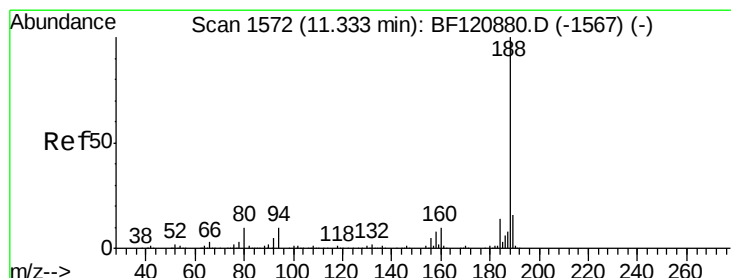
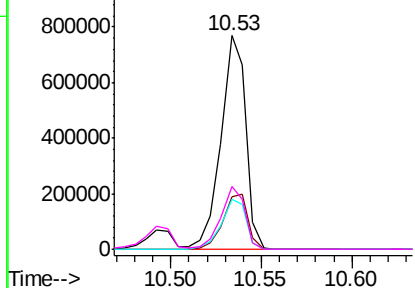
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.5	44.5
105	23.4	3.4	43.4
51	29.5	8.7	48.7

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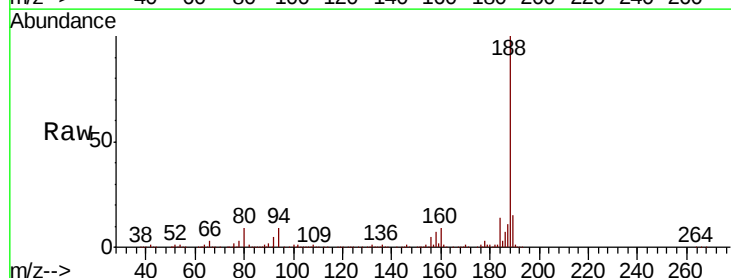


Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000
Ion 182.00 (181.70 to 182.70): BF1
1000000
Ion 105.00 (104.70 to 105.70): BF1
800000
Ion 51.00 (50.70 to 51.70): BF1
600000
400000
200000
0

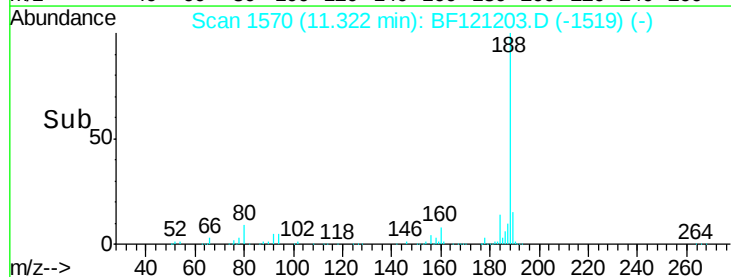
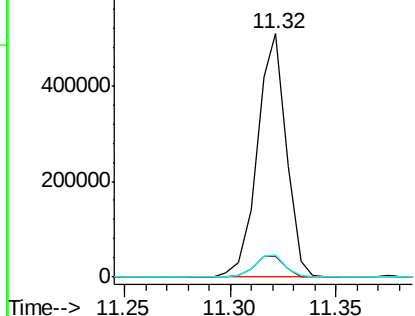


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	9.2	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1
600000
Ion 94.00 (93.70 to 94.70): BF1
400000
Ion 80.00 (79.70 to 80.70): BF1
200000
0





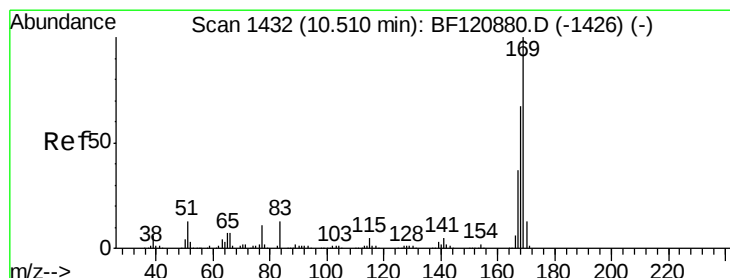
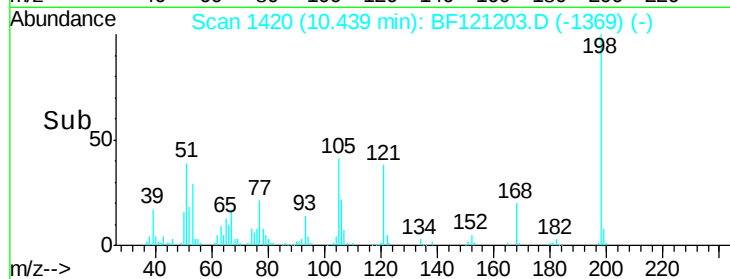
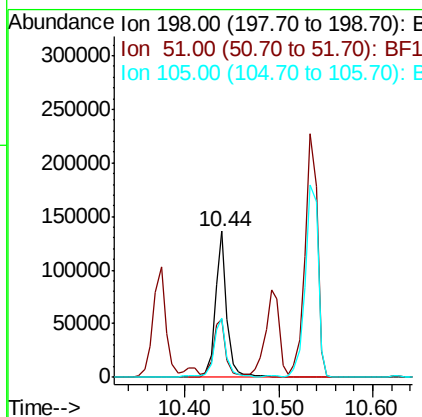
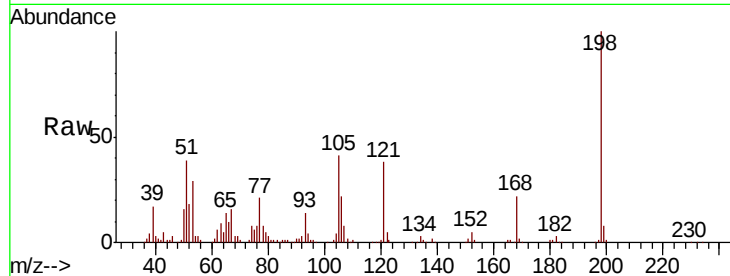
#65
4,6-Dinitro-2-methylphenol
Concen: 42.908 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119202		
51	39.4	23.4	63.4	
105	40.9	23.7	63.7	

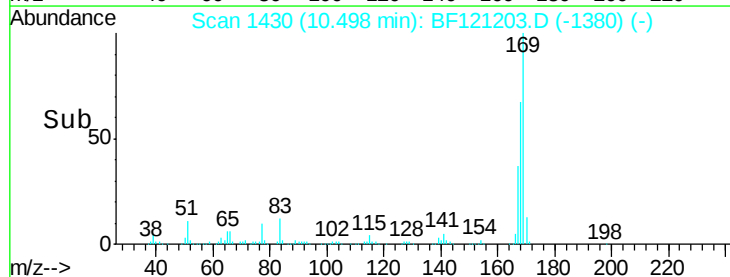
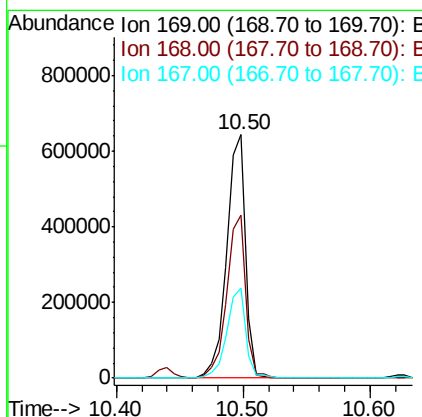
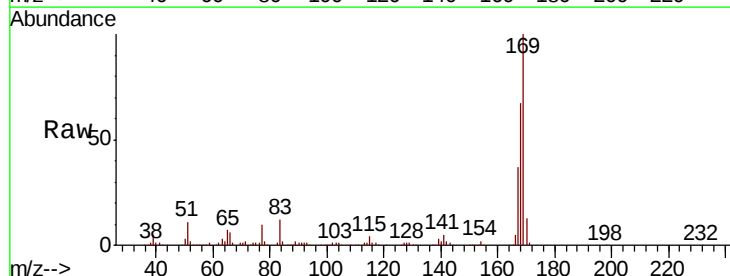
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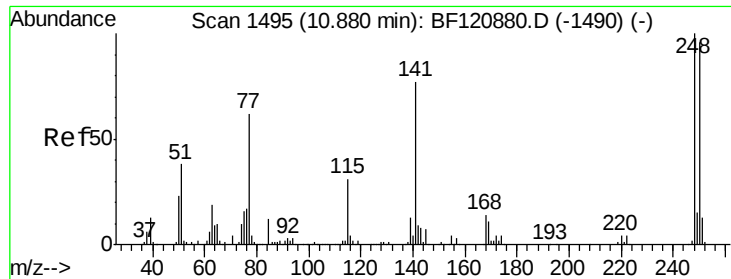
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.822 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	653359		
168	66.8	53.7	80.5	
167	36.8	30.0	45.0	





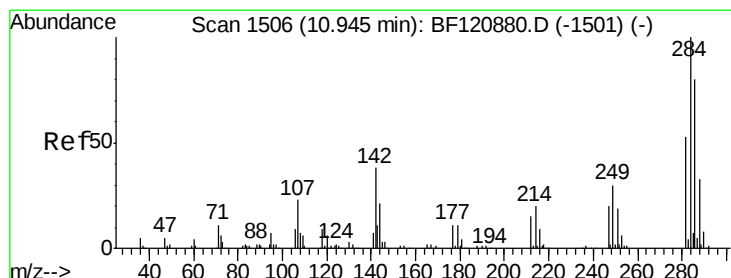
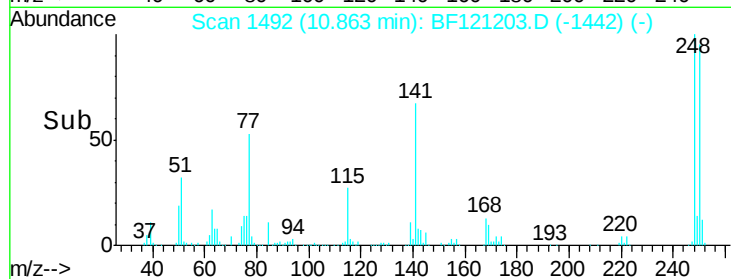
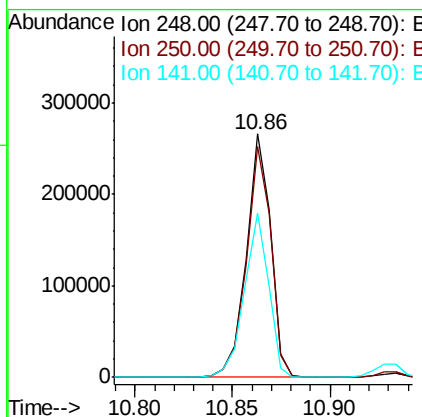
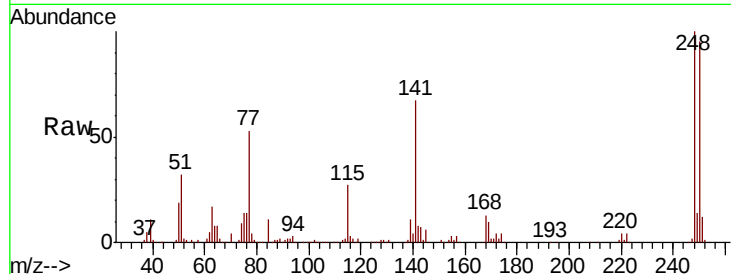
#67
 4-Bromophenyl-phenylether
 Concen: 42.392 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion:	248	Resp:	229236
Ion Ratio	Lower	Upper	
248	100		
250	95.0	77.0	115.6
141	67.2	56.6	85.0

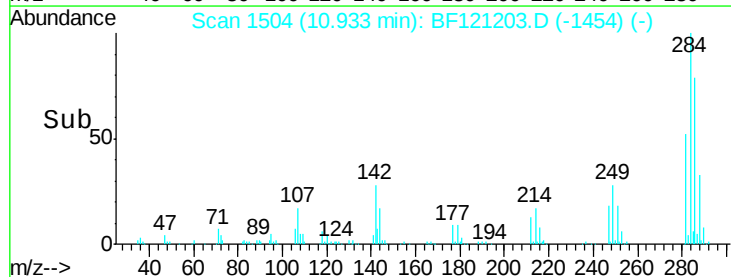
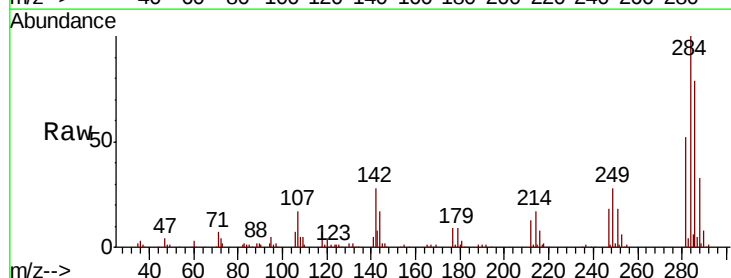
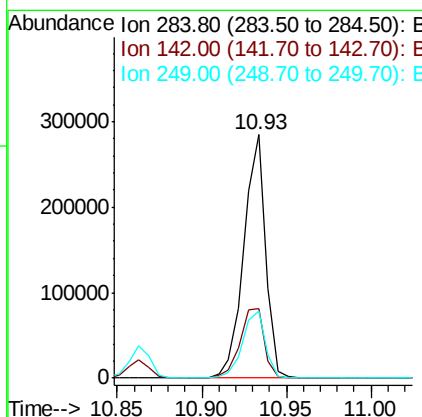
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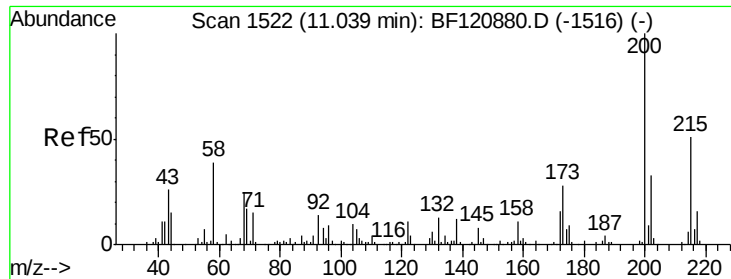
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.903 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion:	284	Resp:	256811
Ion Ratio	Lower	Upper	
284	100		
142	28.5	21.1	31.7
249	27.7	22.5	33.7





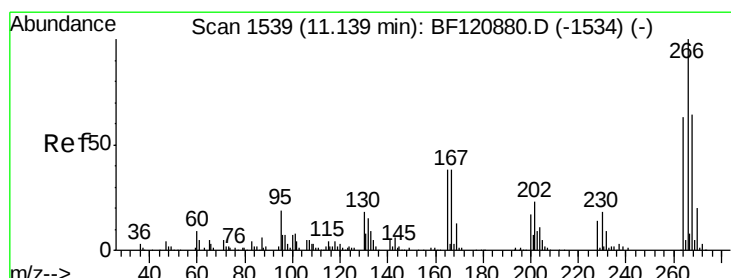
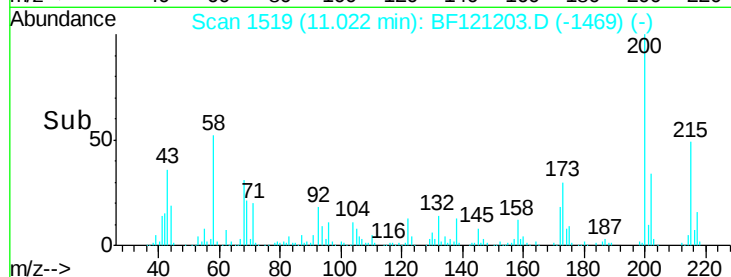
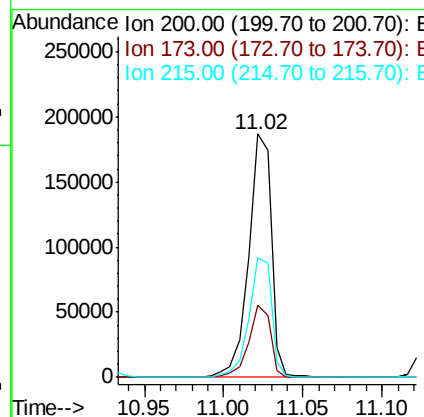
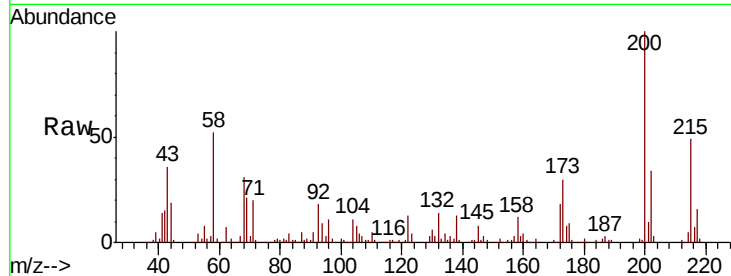
#69
 Atrazine
 Concen: 48.962 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.9	7.6	47.6
215	49.2	28.8	68.8

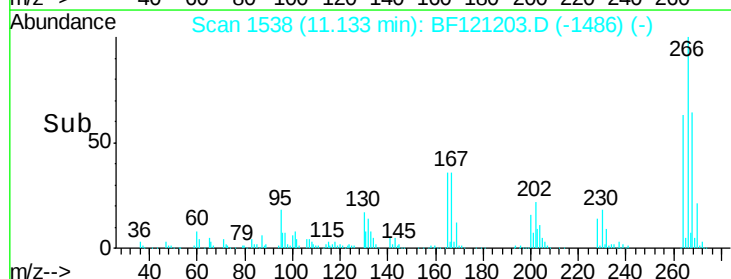
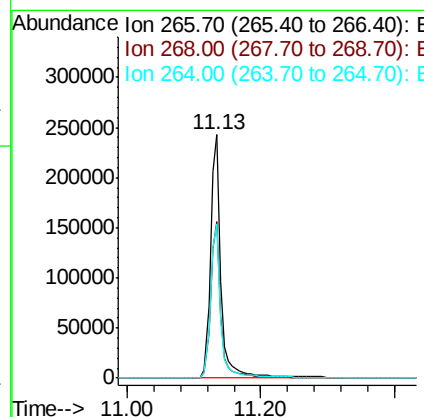
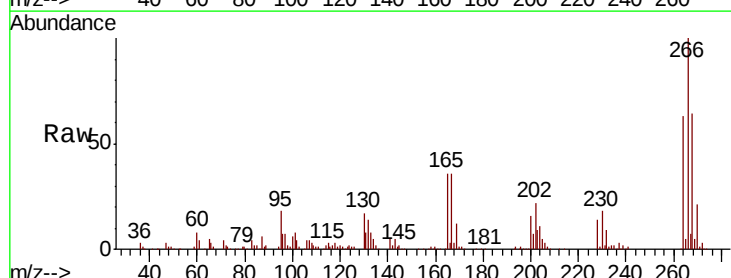
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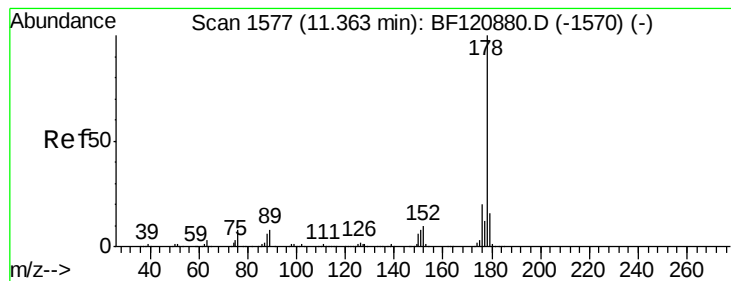
mohammad
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#70
 Pentachlorophenol
 Concen: 79.188 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	49.7	74.5
264	63.4	50.4	75.6





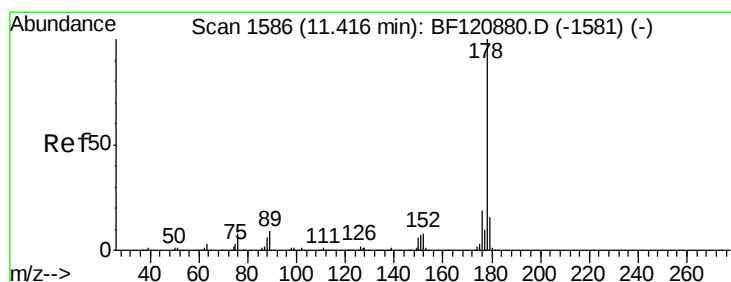
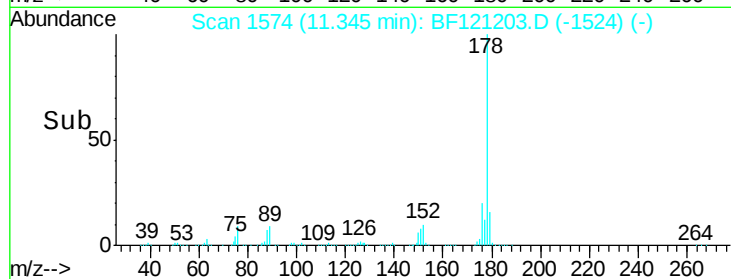
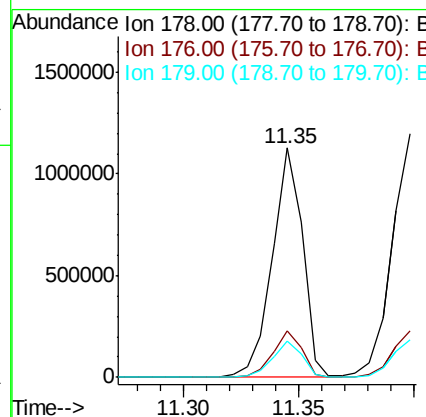
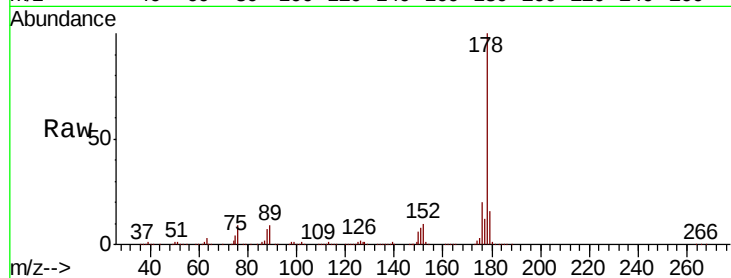
#71
Phenanthrene
Concen: 41.316 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion:178 Resp: 1030610
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.7 12.6 19.0

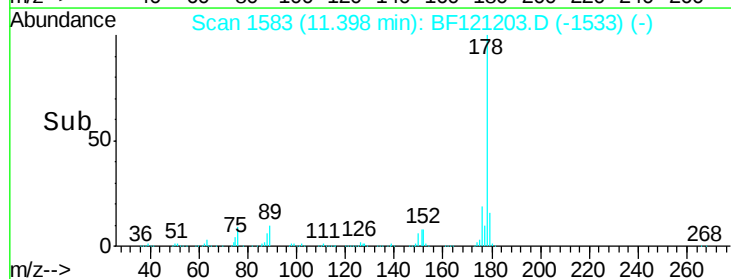
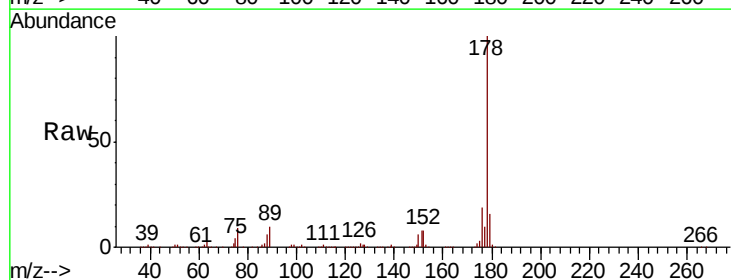
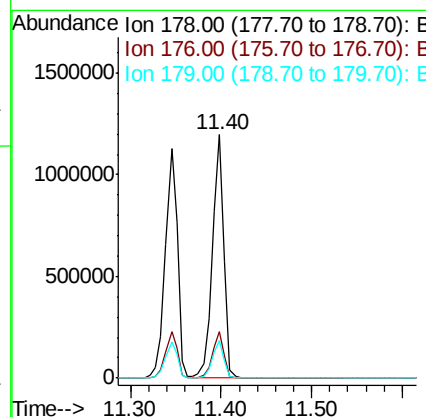
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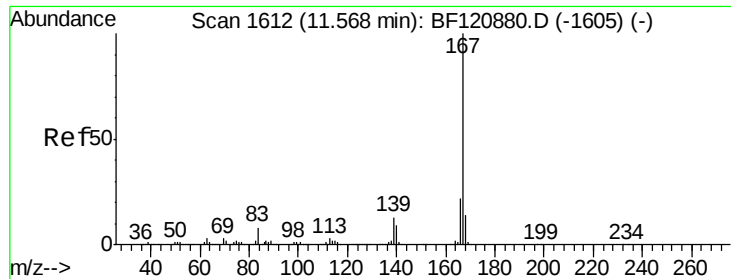
mohammad
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#72
Anthracene
Concen: 42.872 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion:178 Resp: 1073868
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.6 12.6 19.0





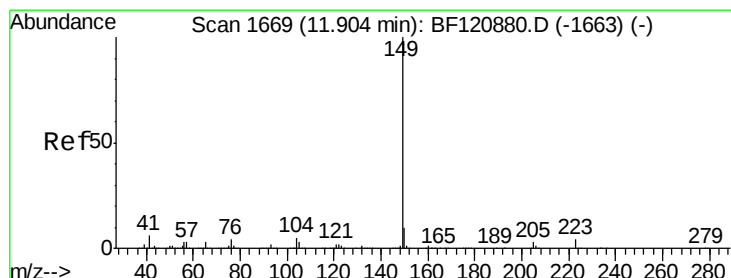
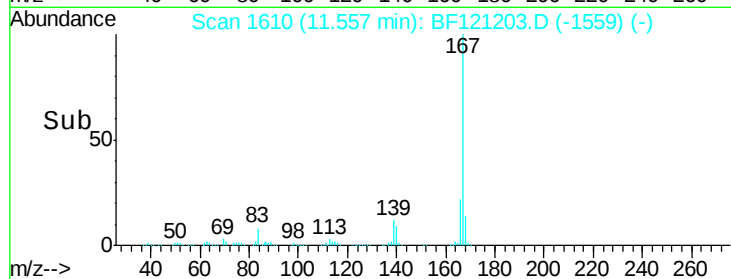
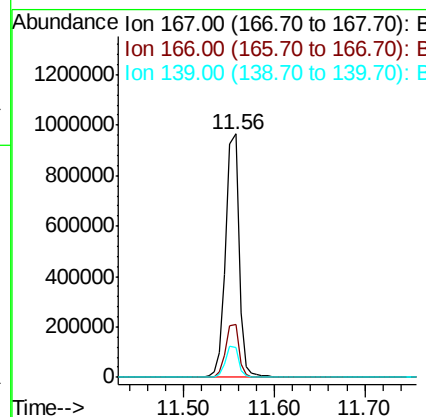
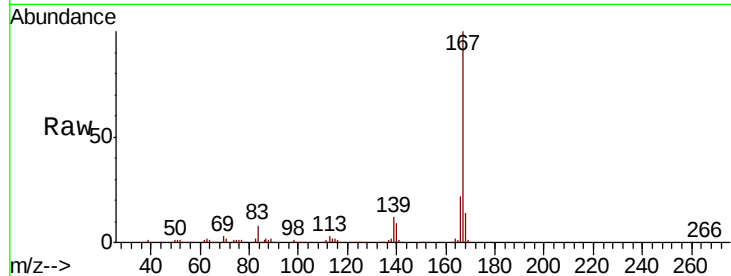
#73
 Carbazole
 Concen: 39.390 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.4	10.5	15.7

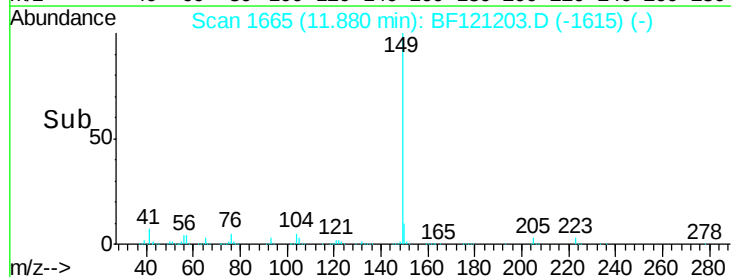
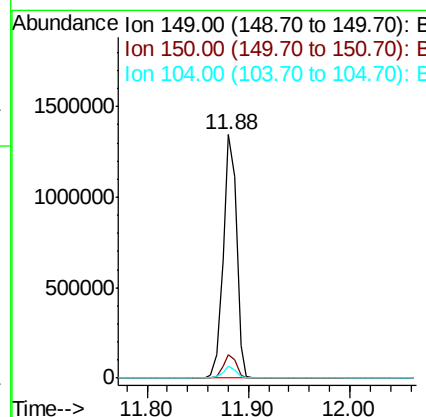
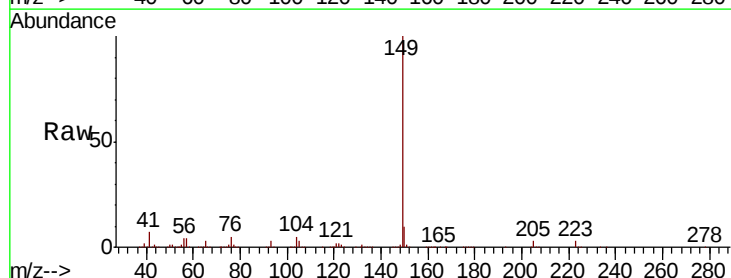
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#74
 Di-n-butylphthalate
 Concen: 42.582 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.9	3.9	5.9





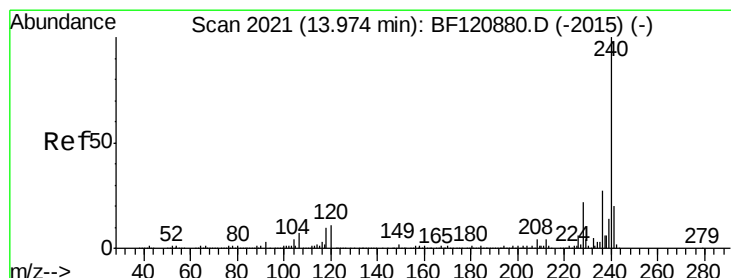
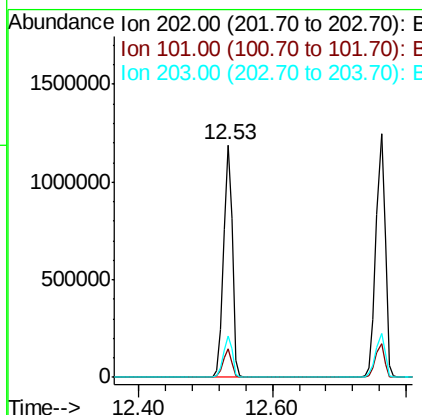
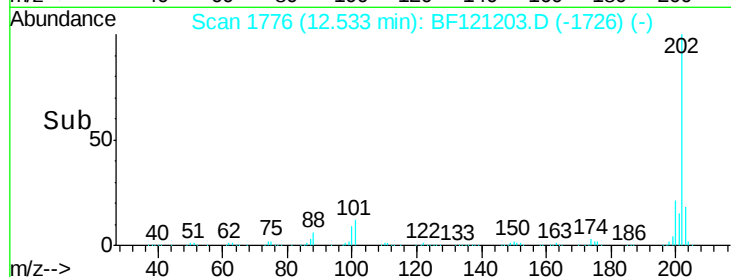
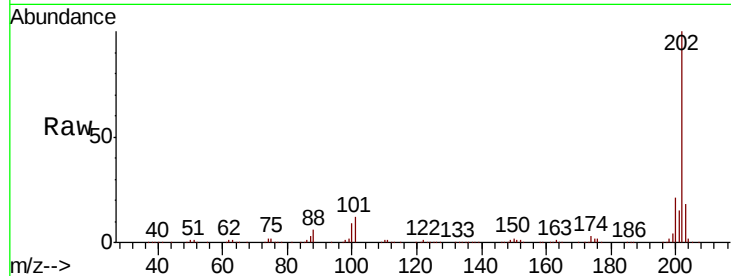
#75
 Fluoranthene
 Concen: 40.548 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1121123		
101	12.1	0.0	30.5	
203	18.0	0.0	37.7	

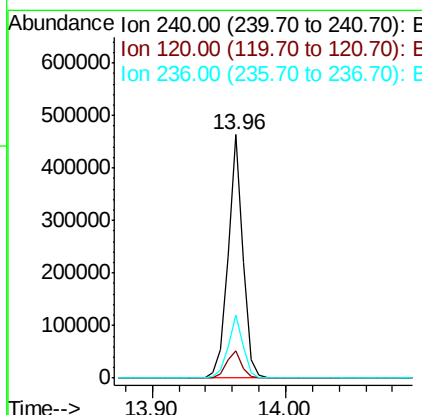
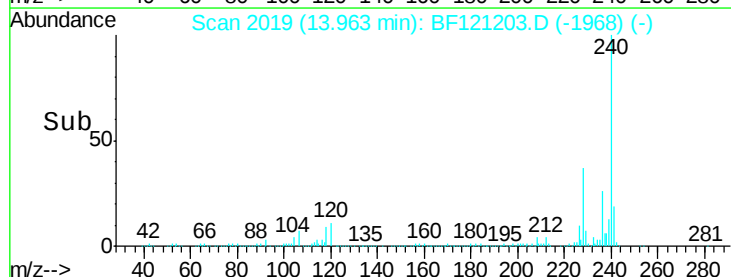
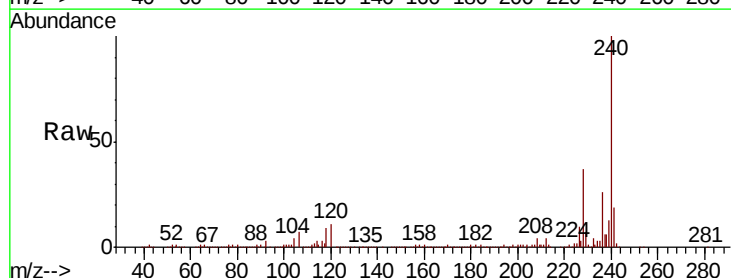
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	362989		
120	11.1	9.3	13.9	
236	25.8	21.1	31.7	





#77

Benzidine

Concen: 66.417 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

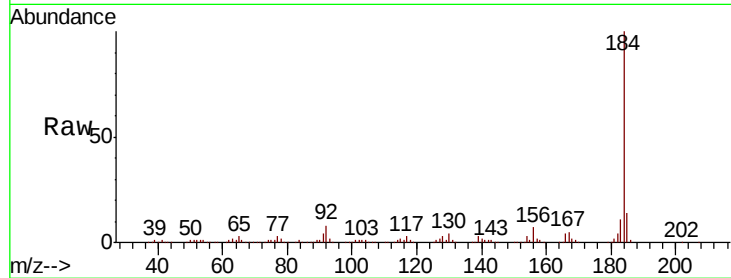
ClientSampleId :

PB130763BS

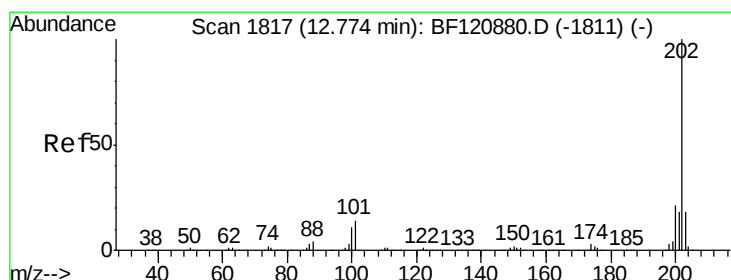
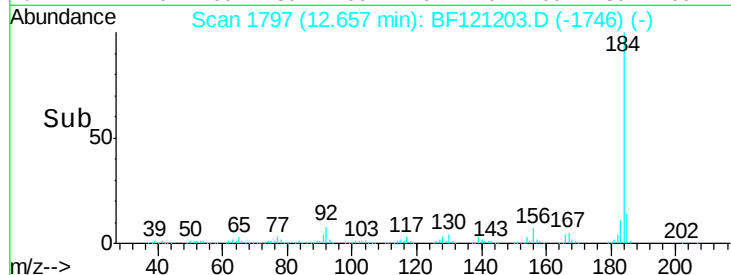
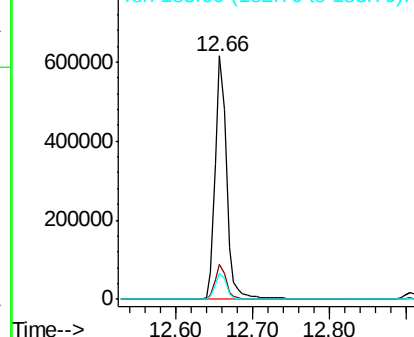
Tot Ion:	184	Resp:	633856
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.1	18.1
183	10.9	9.0	13.4

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



#78

Pyrene

Concen: 44.463 ng

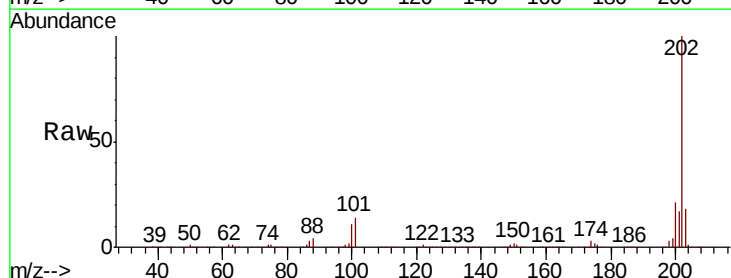
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

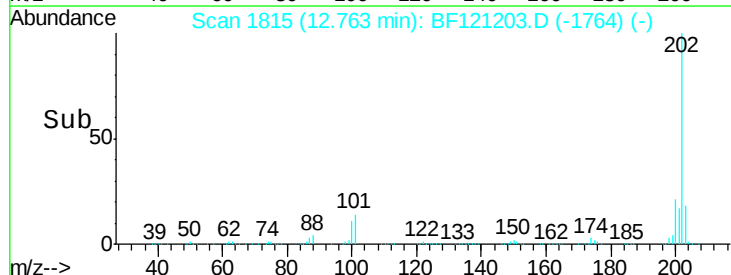
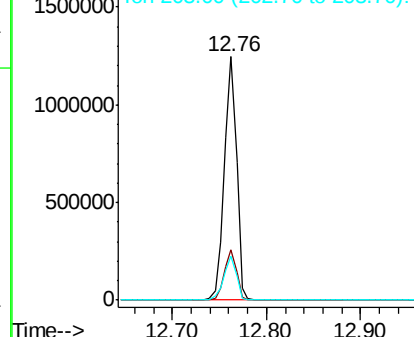
Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Tgt Ion:	202	Resp:	1141084
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	17.8	14.6	21.8



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





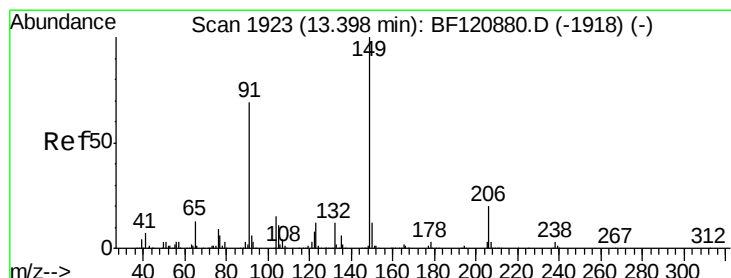
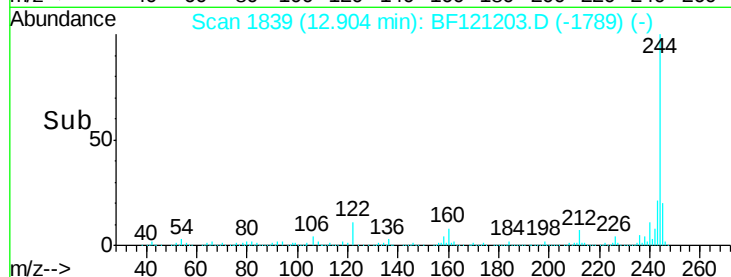
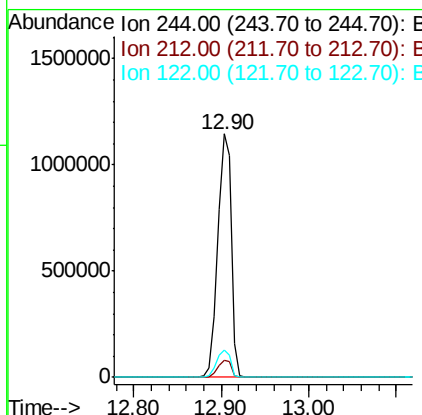
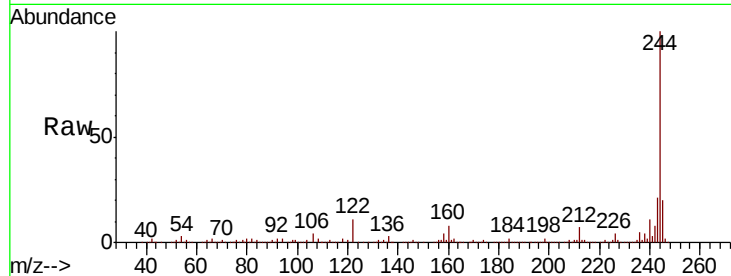
#79
 Terphenyl-d14
 Concen: 74.062 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	8.3	12.5

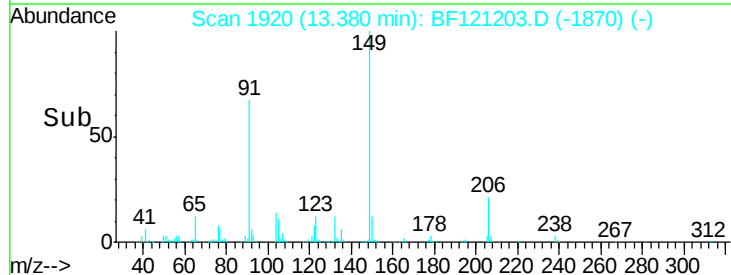
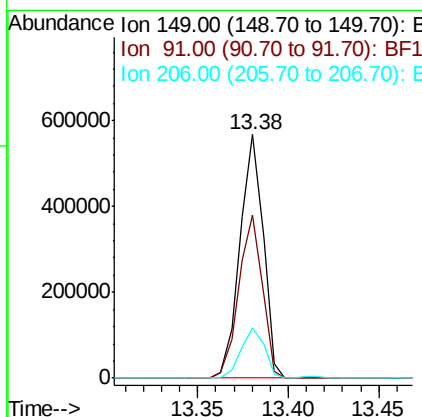
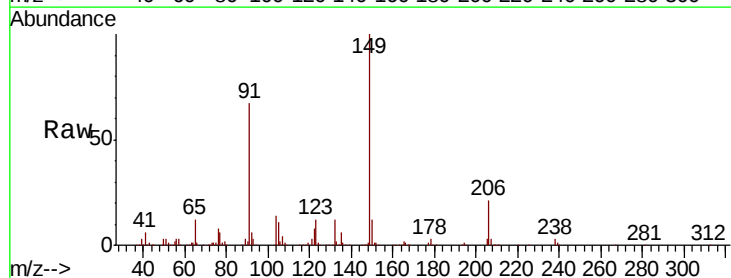
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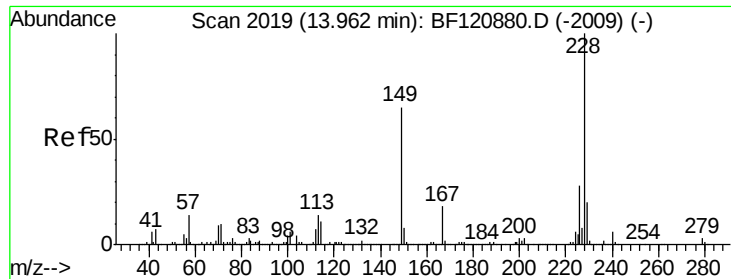
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#80
 Butylbenzylphthalate
 Concen: 44.377 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.8	51.4	77.0
206	20.9	17.9	26.9





#81

Benzo(a)anthracene

Concen: 43.335 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

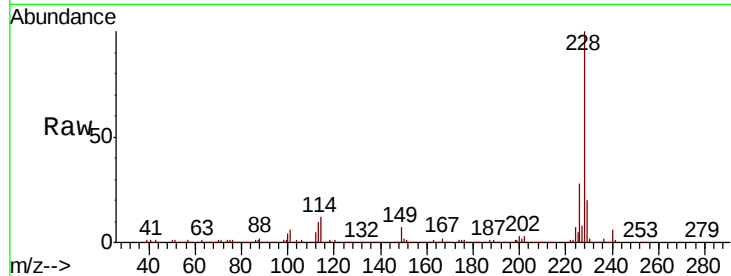
ClientSampleId :

PB130763BS

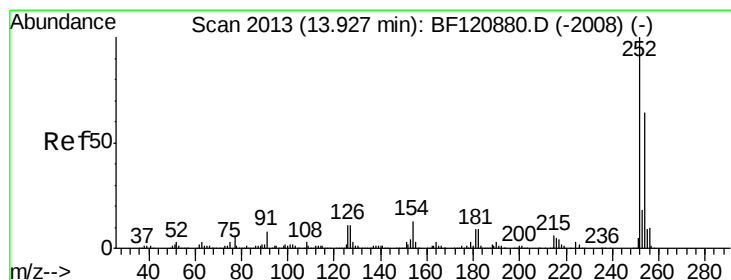
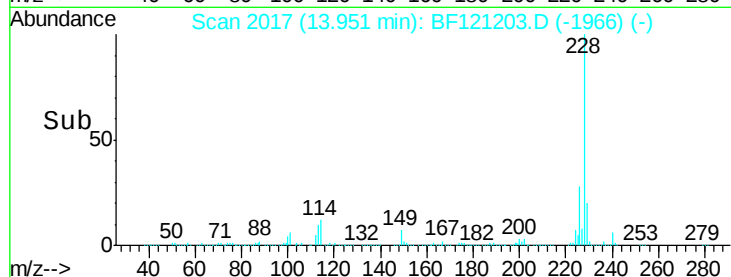
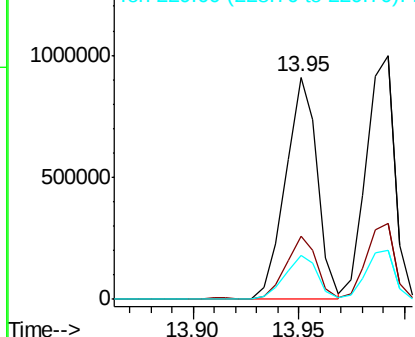
Tot Ion:	228	Resp:	952527
Ion Ratio		Lower	Upper
228	100		
226	28.3	22.6	34.0
229	19.9	16.1	24.1

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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: 38.696 ng

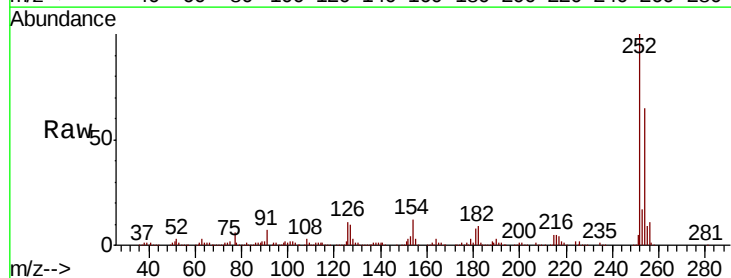
RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

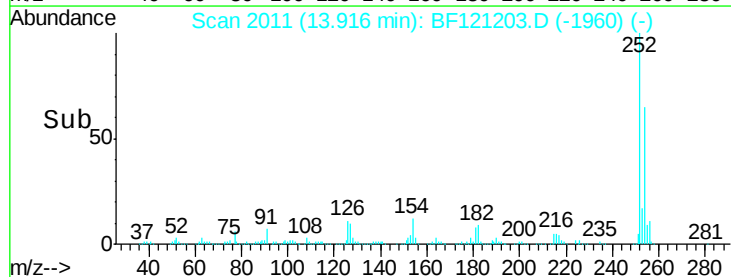
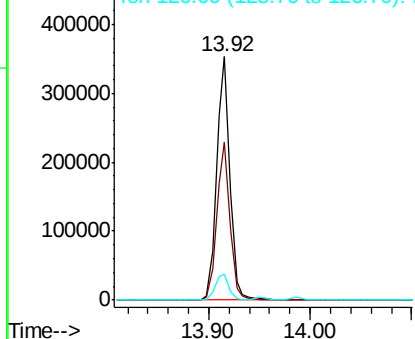
Lab File: BF121203.D

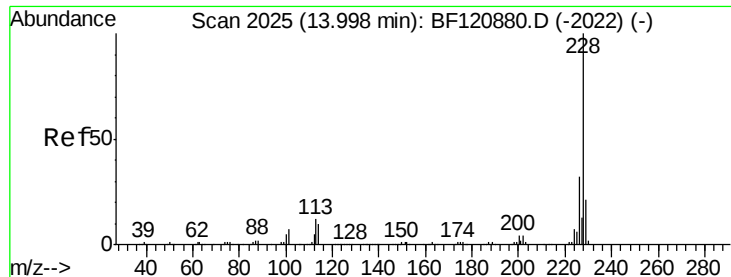
Acq: 6 Aug 2020 15:36

Tgt Ion:	252	Resp:	320892
Ion Ratio		Lower	Upper
252	100		
254	64.6	51.3	76.9
126	10.6	9.2	13.8



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





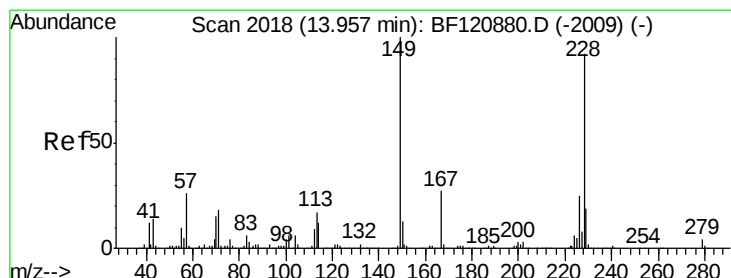
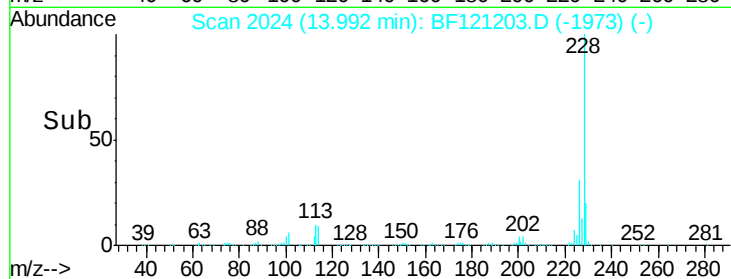
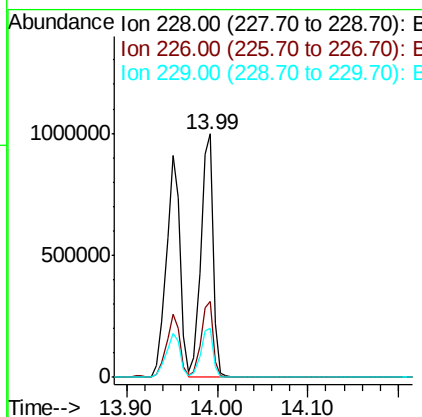
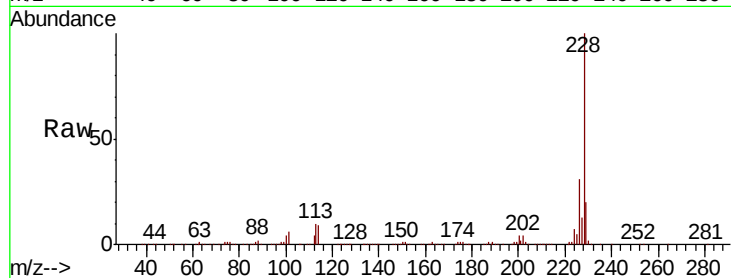
#83
Chrysene
Concen: 41.004 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.0	16.2	24.4

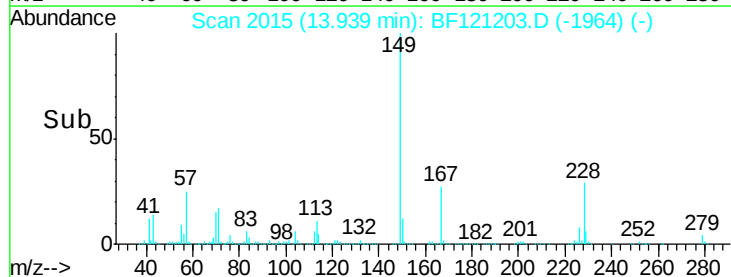
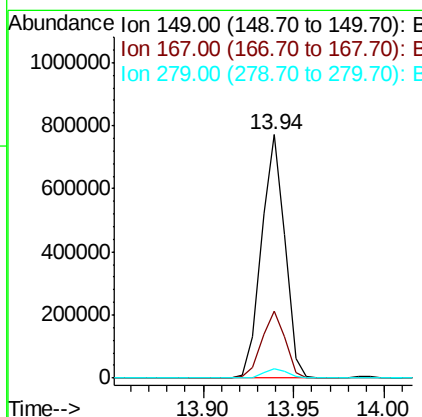
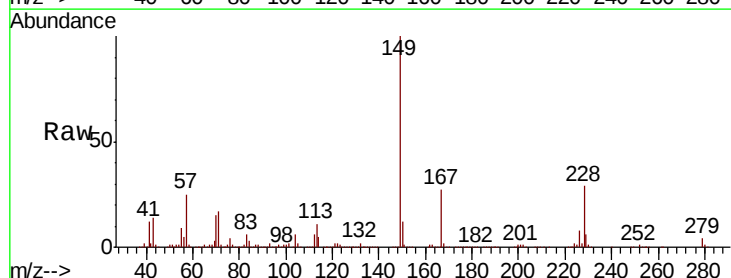
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.104 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	4.0	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 43.049 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

Instrument :

BNA_F

ClientSampleId :

PB130763BS

Tot Ion:149 Resp: 1208248

Ion Ratio Lower Upper

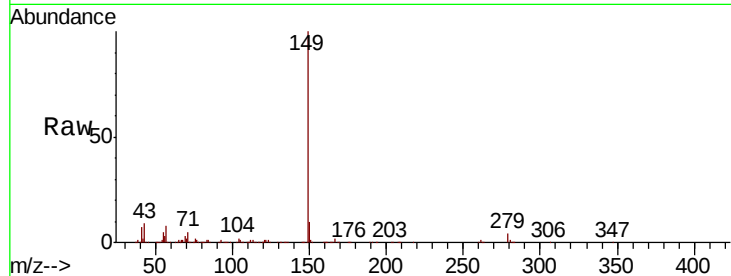
149 100

167 1.6 1.3 1.9

43 9.1 7.5 11.3

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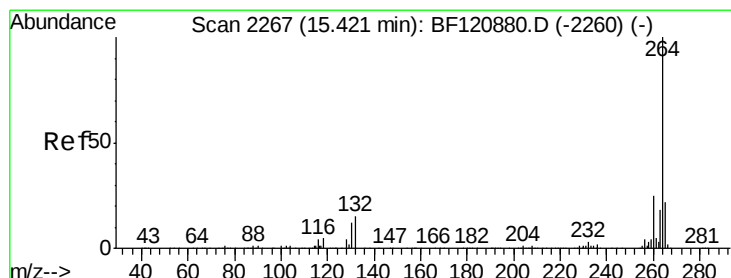
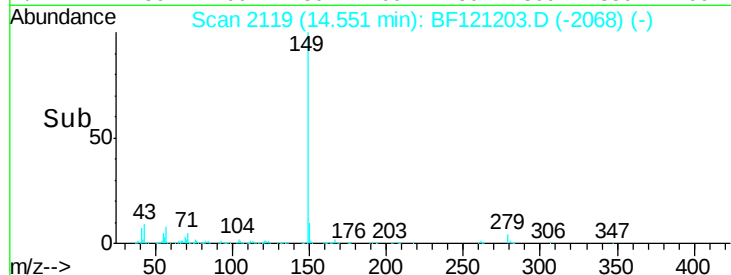
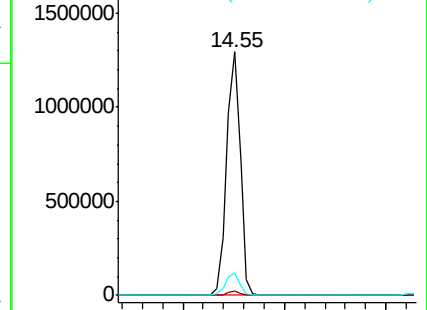
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF121203.D

Acq: 6 Aug 2020 15:36

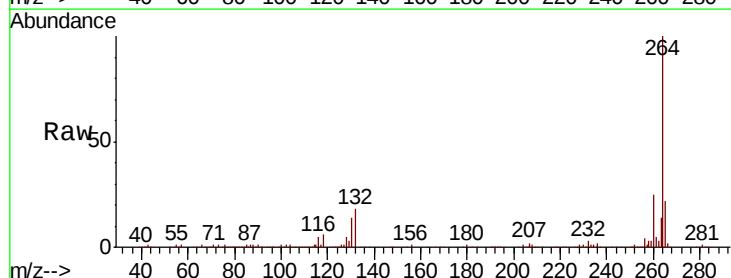
Tgt Ion:264 Resp: 365664

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

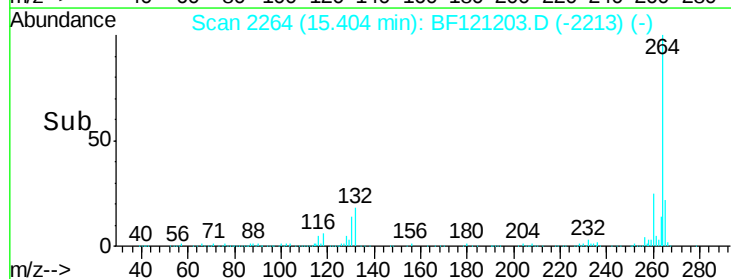
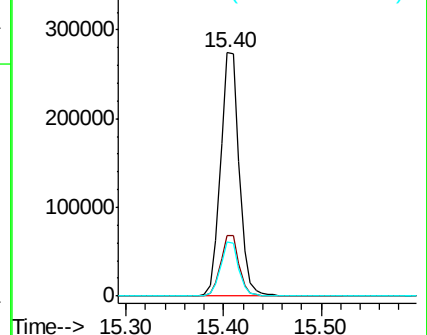
265 22.0 17.8 26.8

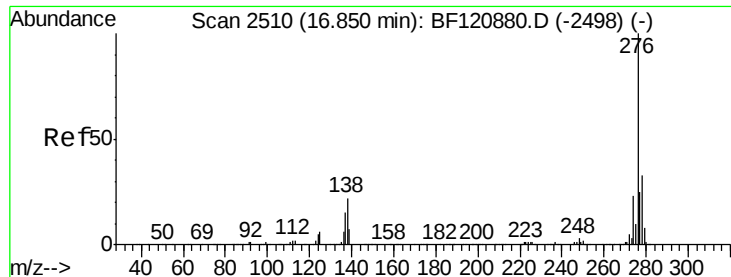


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





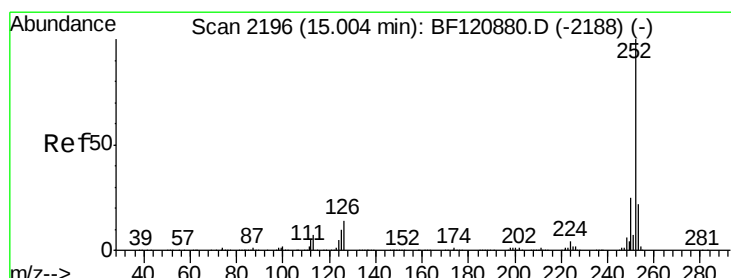
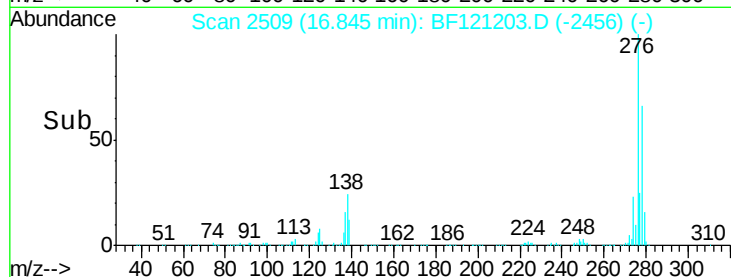
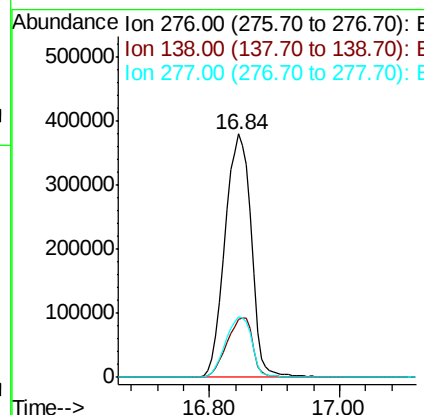
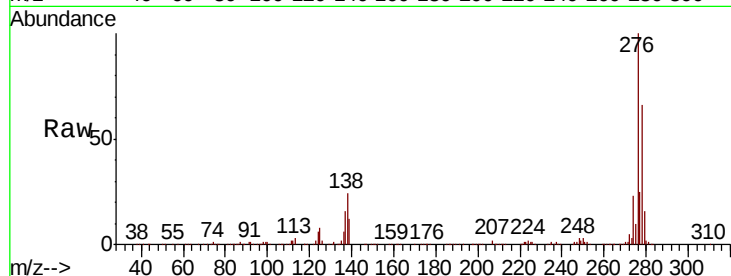
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.813 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130763BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.3	28.9
277	25.0	20.1	30.1

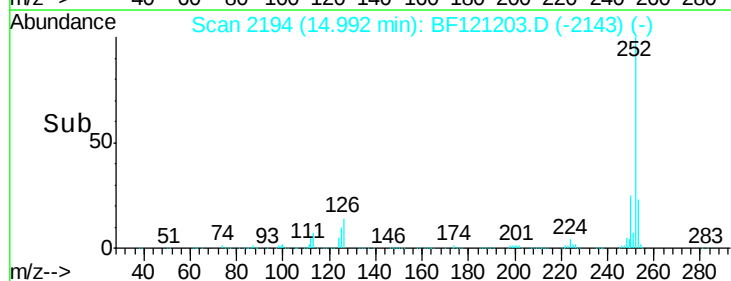
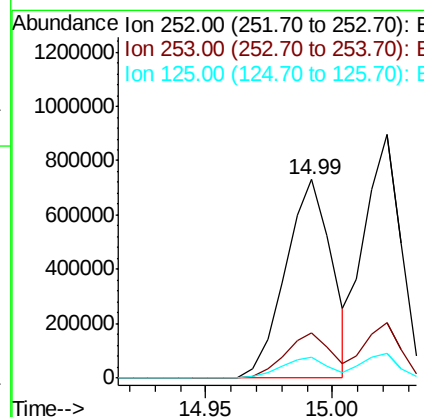
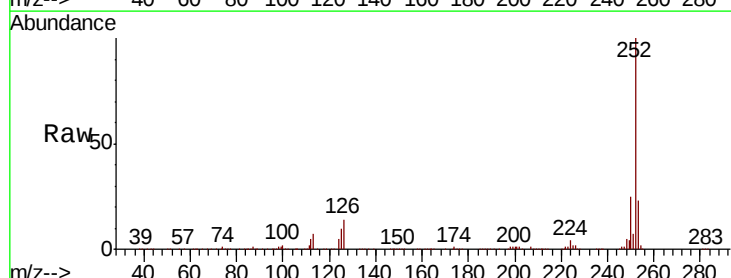
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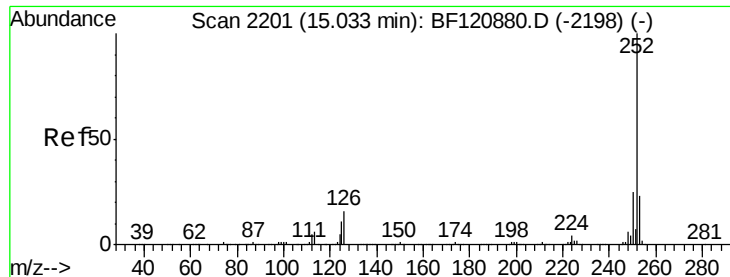
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#88
 Benzo(b)fluoranthene
 Concen: 42.181 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BF121203.D
 Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.3	8.1	12.1





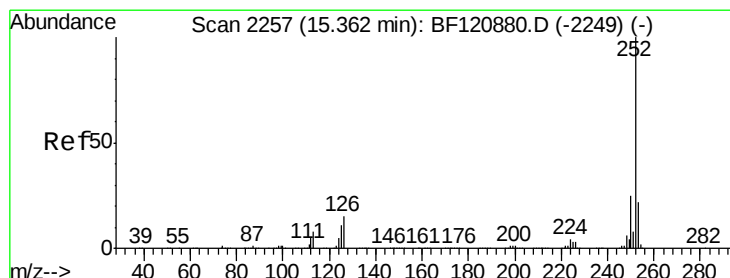
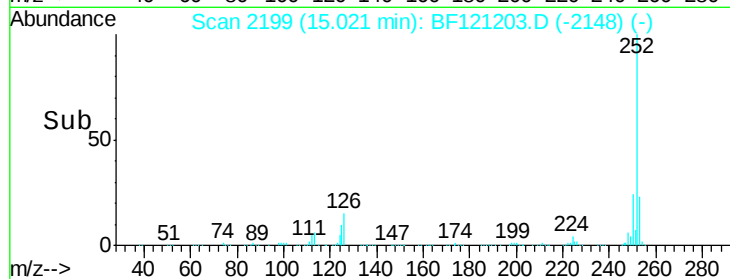
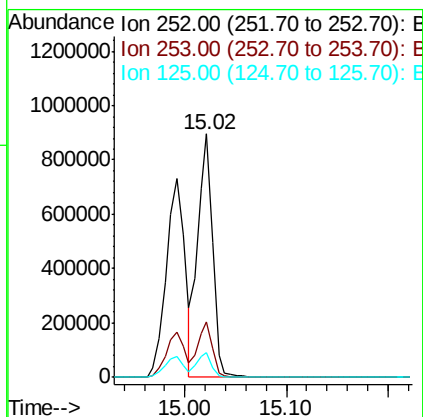
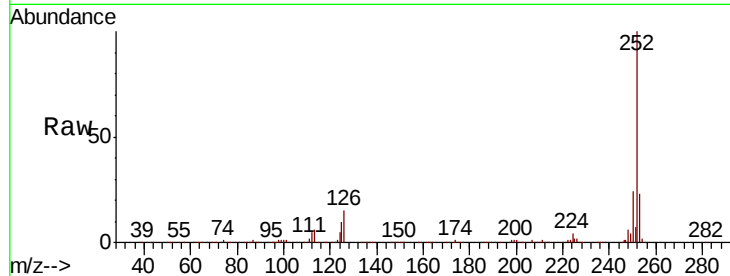
#89
Benzo(k)fluoranthene
Concen: 45.257 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.0	8.0	12.0

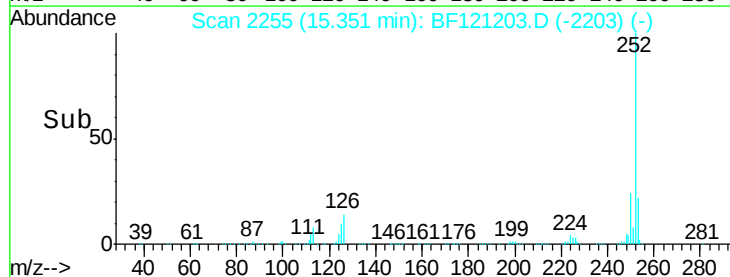
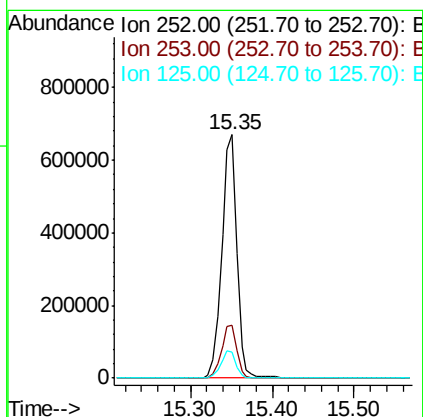
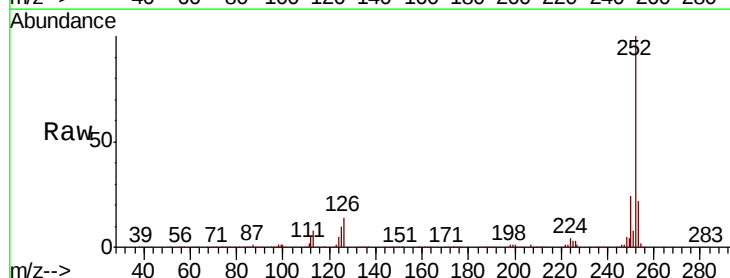
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#90
Benzo(a)pyrene
Concen: 42.440 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.4	9.5	14.3





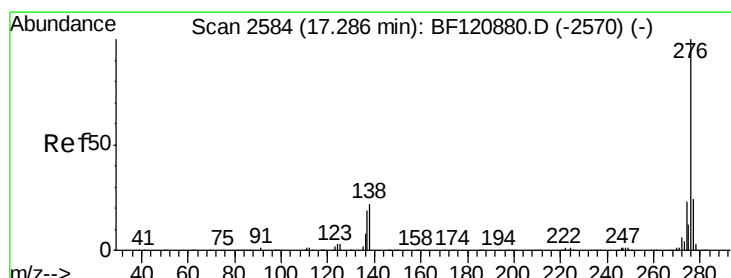
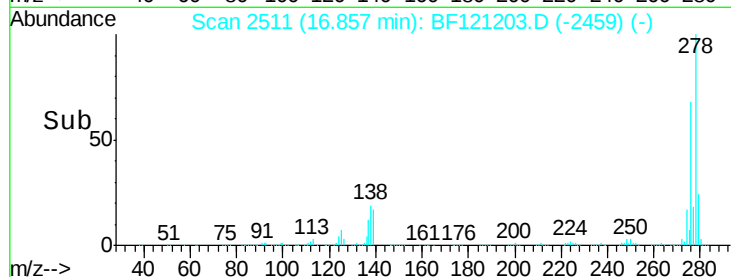
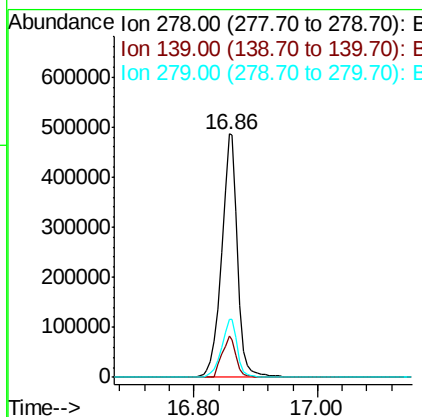
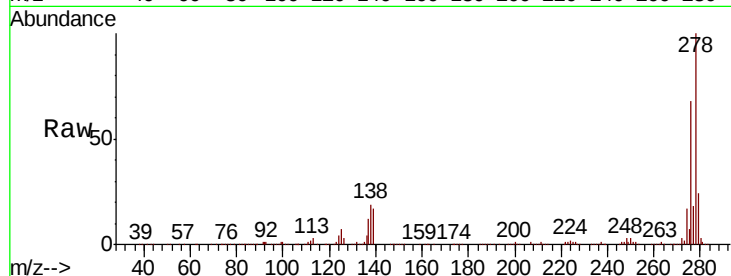
#91
Dibenzo(a,h)anthracene
Concen: 42.205 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Instrument :
BNA_F
ClientSampleId :
PB130763BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.6	18.8
279	24.0	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 43.983 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121203.D
Acq: 6 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	21.2	17.2	25.8

