

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121424.D
 Acq On : 25 Aug 2020 13:13
 Operator : JU/CG
 Sample : PB131184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Manual Integrations
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mohammad
 8/26/2020 4:00:25 PM

Quant Time: Aug 25 13:53:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	156910	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	612953	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320514	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	605807	20.00	ng	0.00
76) Chrysene-d12	13.86	240	473330	20.00	ng	0.01
86) Perylene-d12	15.27	264	522509	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	919041	96.04	ng	0.03
7) Phenol-d6	6.35	99	1114668	91.25	ng	0.01
23) Nitrobenzene-d5	7.27	82	965747	89.11	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	337850	90.46	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1644663	100.93	ng	0.00
79) Terphenyl-d14	12.80	244	1448265	59.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	171959	39.711	ng	99
3) Pyridine	3.18	79	387484	33.341	ng	99
4) n-Nitrosodimethylamine	3.14	42	188662	39.883	ng	98
6) Aniline	6.36	93	372307	26.394	ng	# 44
8) 2-Chlorophenol	6.49	128	394531	39.447	ng	97
9) Benzaldehyde	6.25	77	238837	34.753	ng	97
10) Phenol	6.36	94	460651	35.963	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	381074	38.629	ng	98
12) 1,3-Dichlorobenzene	6.64	146	420922	37.564	ng	98
13) 1,4-Dichlorobenzene	6.72	146	422586	37.358	ng	99
14) 1,2-Dichlorobenzene	6.87	146	371656	34.500	ng	98
15) Benzyl Alcohol	6.85	79	271140	36.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	501634	34.535	ng	# 45
17) 2-Methylphenol	6.97	107	321262	38.929	ng	# 92
18) Hexachloroethane	7.20	117	156808	37.229	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	252727	38.467	ng	99
20) 3+4-Methylphenols	7.13	107	400733	49.909	ng	# 78
22) Acetophenone	7.11	105	538545	37.581	ng	# 95
24) Nitrobenzene	7.29	77	401039	36.306	ng	99
25) Isophorone	7.53	82	737618	37.398	ng	98
26) 2-Nitrophenol	7.60	139	223574	39.465	ng	97
27) 2,4-Dimethylphenol	7.65	122	350486	43.357	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	471572	35.123	ng	99
29) 2,4-Dichlorophenol	7.85	162	332488	37.673	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	361143	35.783	ng	99
31) Naphthalene	8.00	128	1118802	36.675	ng	100
32) Benzoic acid	7.80	122	192569	33.050	ng	98
33) 4-Chloroaniline	8.06	127	340874	25.234	ng	99
34) Hexachlorobutadiene	8.12	225	205268	34.367	ng	99
35) Caprolactam	8.44	113	103869m	35.935	ng	
36) 4-Chloro-3-methylphenol	8.56	107	337650	37.827	ng	97
37) 2-Methylnaphthalene	8.69	142	754157	38.141	ng	100
38) 1-Methylnaphthalene	8.79	142	697977	37.125	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	350692	36.865	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	279499	74.636	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	231681	35.624	nq	100
44) 2,4,5-Trichlorophenol	9.03	196	240564	35.954	nq	97
46) 1,1'-Biphenyl	9.16	154	896051	37.300	nq	99
47) 2-Chloronaphthalene	9.18	162	690929	34.910	nq	99
48) 2-Nitroaniline	9.29	65	217125	34.843	nq	91
49) Acenaphthylene	9.60	152	1096098	37.286	nq	99
50) Dimethylphthalate	9.46	163	808991	34.694	nq	99
51) 2,6-Dinitrotoluene	9.53	165	182915	36.730	nq	98
52) Acenaphthene	9.77	154	633999	35.495	nq	98
53) 3-Nitroaniline	9.70	138	144429	23.184	nq	98
54) 2,4-Dinitrophenol	9.82	184	181505	75.600	nq	95
55) Dibenzofuran	9.94	168	921413	39.792	nq	99
56) 4-Nitrophenol	9.88	139	233086	60.667	nq	98
57) 2,4-Dinitrotoluene	9.93	165	220197	36.244	nq	# 88
58) Fluorene	10.28	166	719148	42.549	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	202687	35.437	nq	98
60) Diethylphthalate	10.16	149	785786	34.510	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	347992	40.601	nq	98
62) 4-Nitroaniline	10.32	138	205674	32.221	nq	95
63) Azobenzene	10.43	77	753184	35.613	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	132213	40.809	nq	87
66) n-Nitrosodiphenylamine	10.40	169	682722	36.536	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	233273	34.713	nq	98
68) Hexachlorobenzene	10.83	284	263546	34.023	nq	95
69) Atrazine	10.93	200	190255	32.867	nq	100
70) Pentachlorophenol	11.03	266	256143	74.321	nq	99
71) Phenanthrene	11.25	178	1066719	34.022	nq	99
72) Anthracene	11.29	178	1118224	37.036	nq	100
73) Carbazole	11.45	167	1047104	36.339	nq	100
74) Di-n-butylphthalate	11.78	149	1206038	34.709	nq	100
75) Fluoranthene	12.43	202	1195907	35.141	nq	98
77) Benzidine	12.56	184	670272	51.399	nq	99
78) Pyrene	12.66	202	1214456	34.157	nq	99
80) Butylbenzylphthalate	13.27	149	517496	33.872	nq	100
81) Benzo(a)anthracene	13.84	228	1021274	34.738	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	309355	27.406	nq	100
83) Chrysene	13.89	228	1024586	34.076	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	646725	35.996	nq	100
85) Di-n-octyl phthalate	14.44	149	1200404	36.103	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1159214	36.344	nq	100
88) Benzo(b)fluoranthene	14.87	252	1145910	33.947	nq	98
89) Benzo(k)fluoranthene	14.90	252	961044	32.343	nq	99
90) Benzo(a)pyrene	15.22	252	989023	33.909	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	947962	36.249	nq	99
92) Benzo(g,h,i)perylene	17.06	276	989919	38.720	nq	99

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

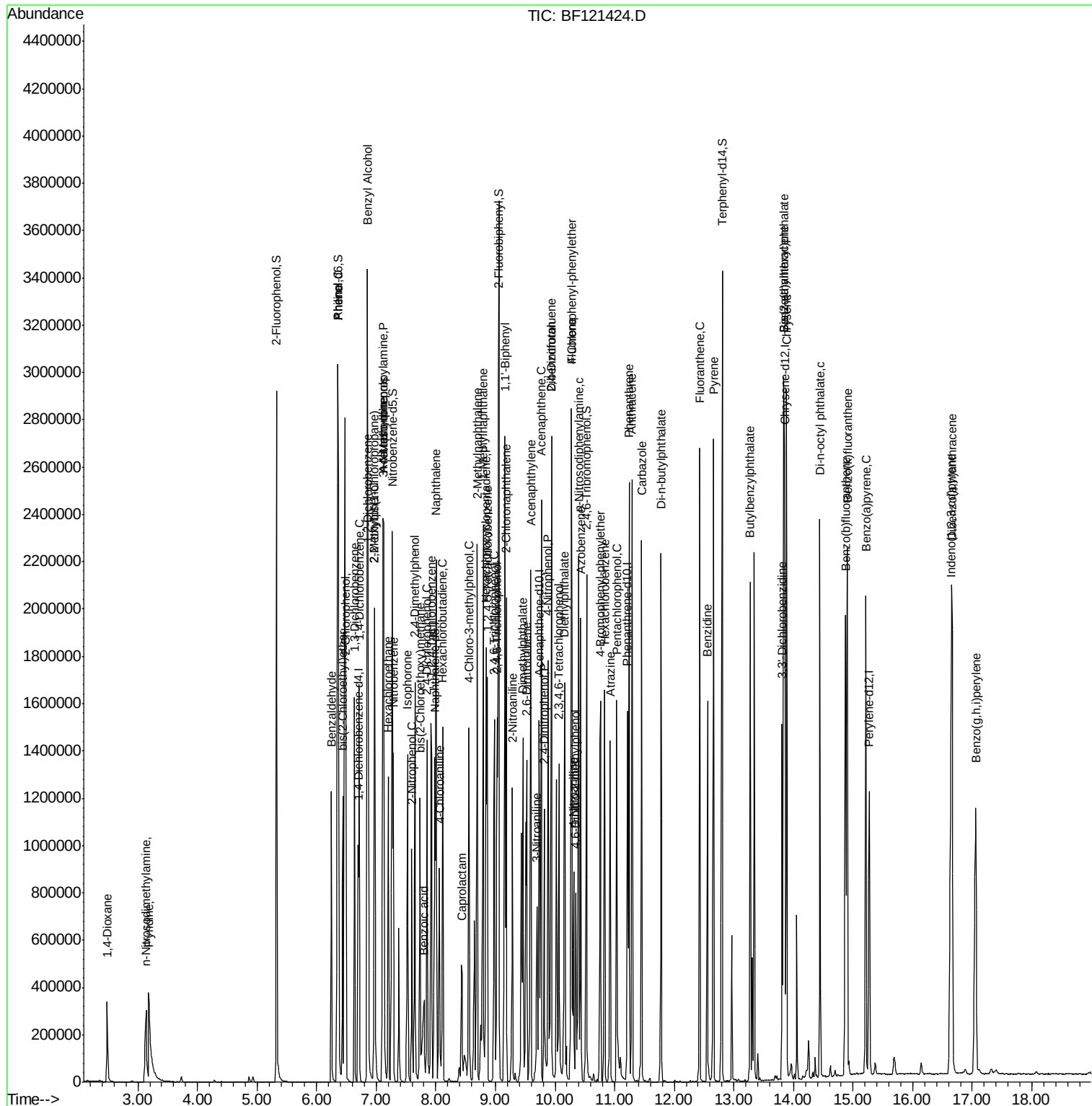
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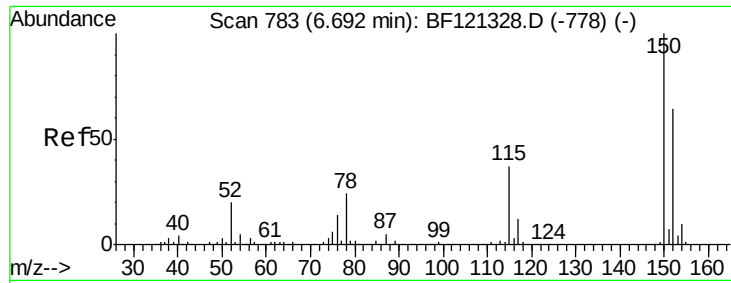
Instrument :
BNA_F
ClientSampleId :
PB131184BS

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#1

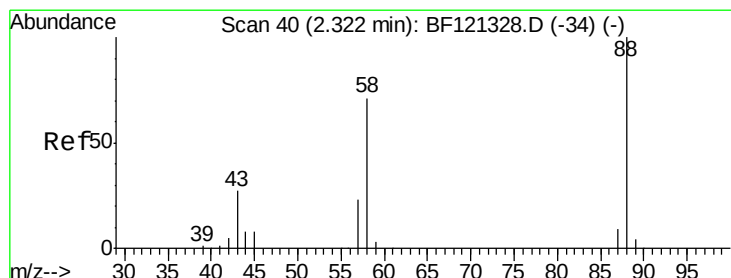
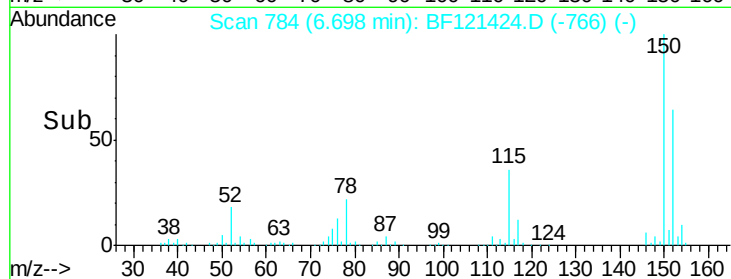
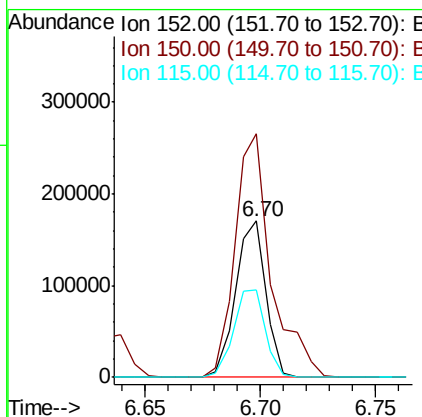
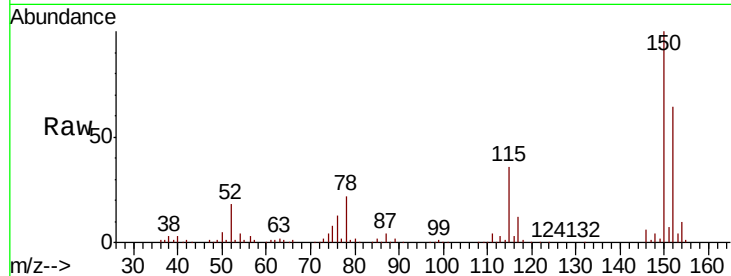
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.8	187.2
115	55.5	46.1	69.1

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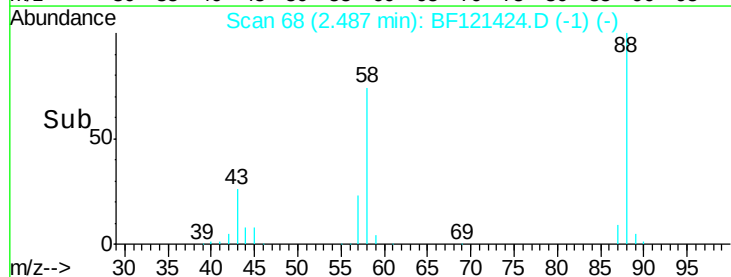
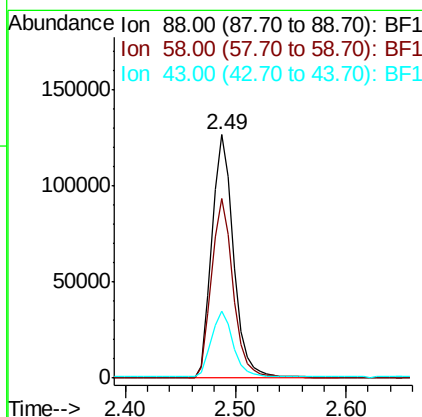
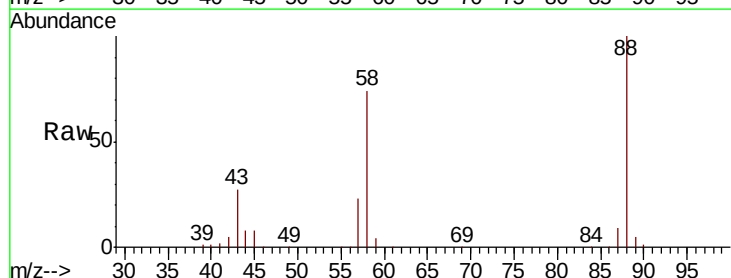
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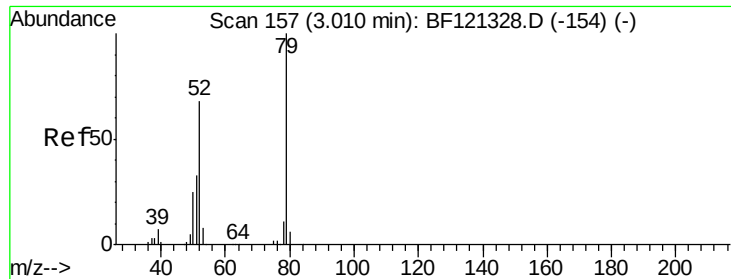


#2

1,4-Dioxane
Concen: 39.711 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.16 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.1	58.5	87.7
43	26.9	21.8	32.8





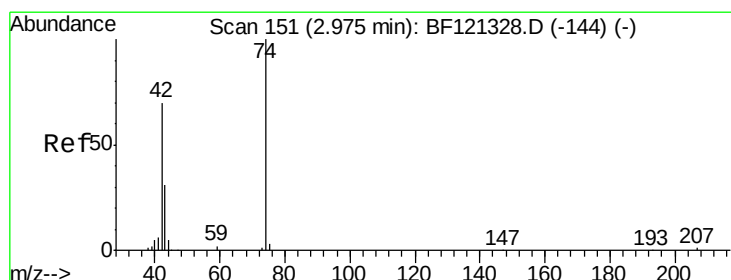
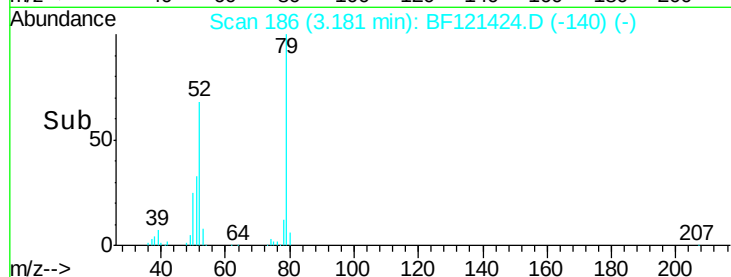
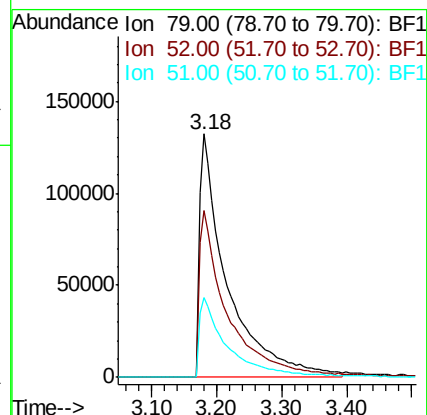
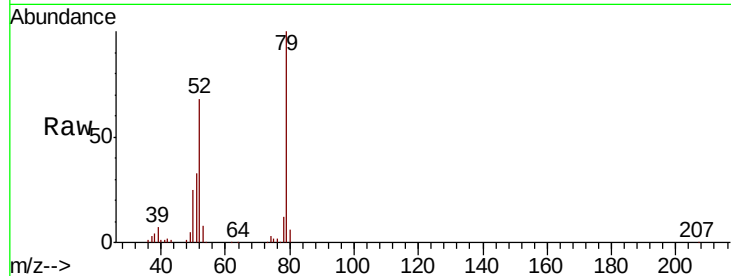
#3
 Pvrindine
 Concen: 33.341 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.17 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	54.6	82.0
51	32.9	27.0	40.6

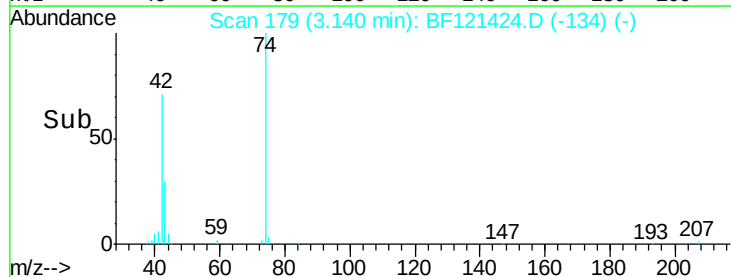
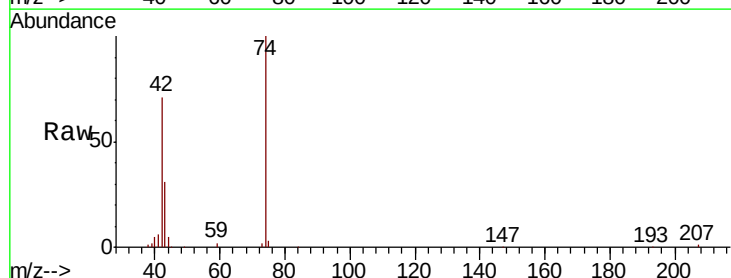
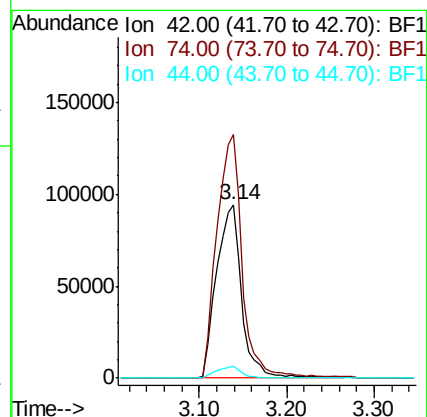
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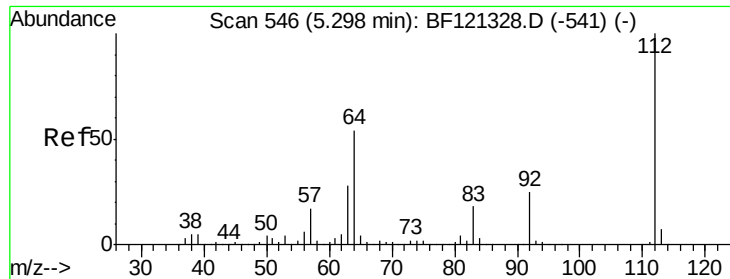
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#4
 n-Nitrosodimethylamine
 Concen: 39.883 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.16 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.1	114.2	171.2
44	7.1	5.4	8.2





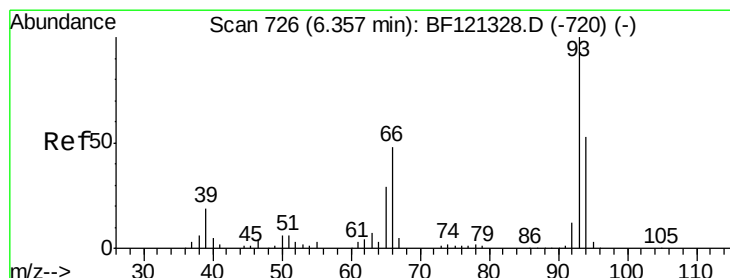
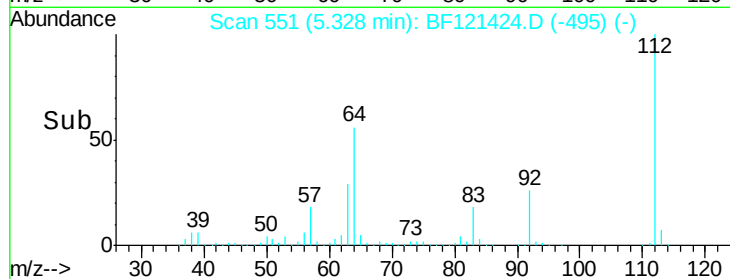
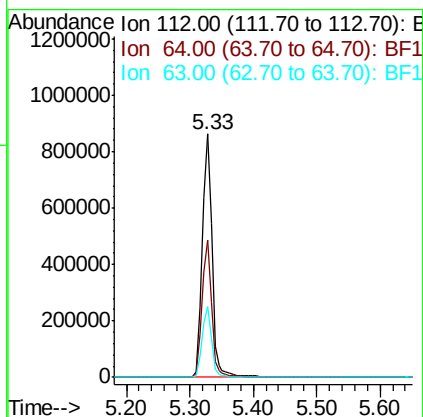
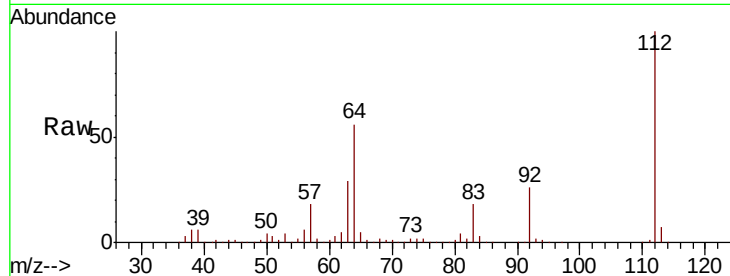
#5
2-Fluorophenol
Concen: 96.041 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.03 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		919041		
64	56.5	43.5	65.3		
63	29.2	22.0	33.0		

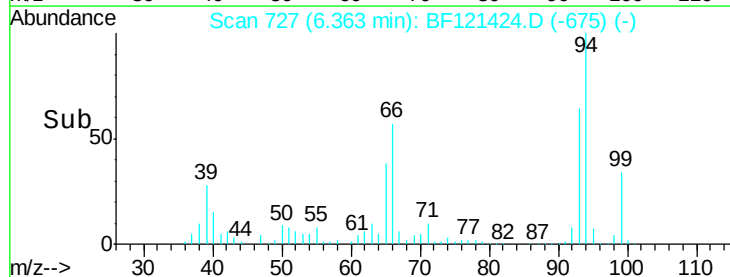
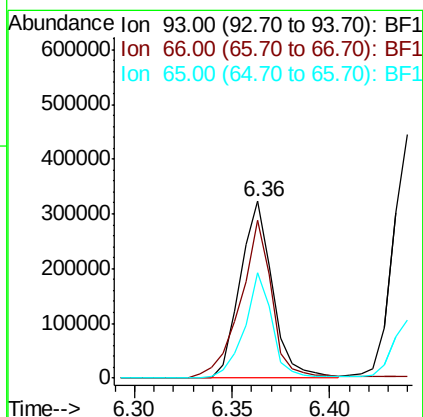
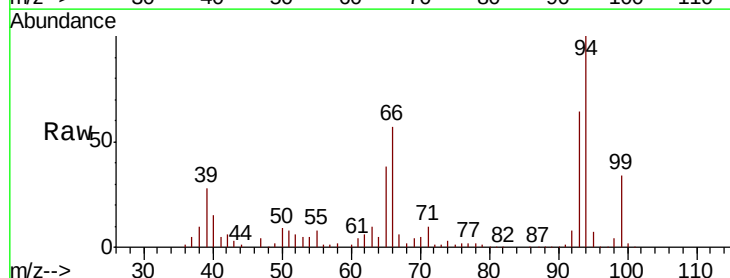
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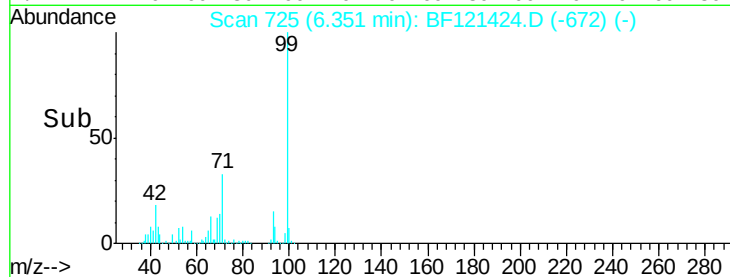
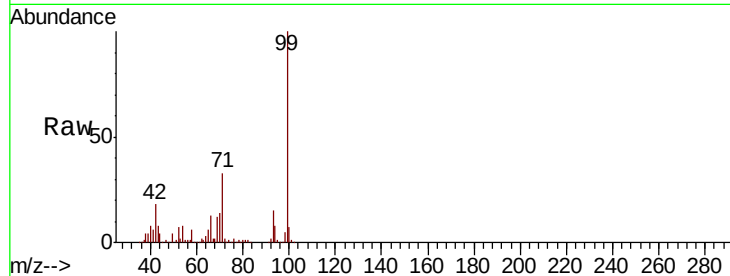
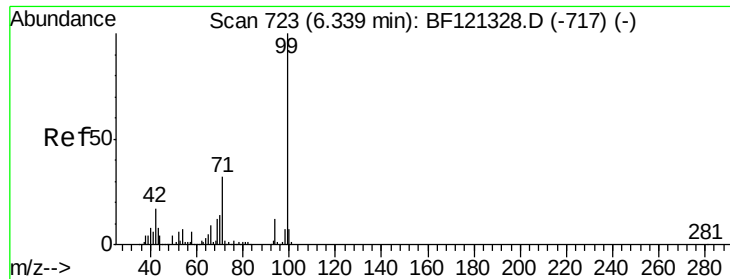
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#6
Aniline
Concen: 26.394 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		372307		
66	89.0	40.2	60.2#		
65	59.5	23.6	35.4#		





#7

Phenol-d6

Concen: 91.247 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tot Ion: 99 Resp: 1114668

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 32.9 25.2 37.8

Instrument :

BNA_F

ClientSampleId :

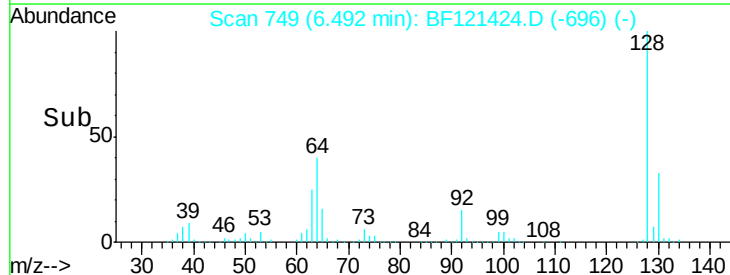
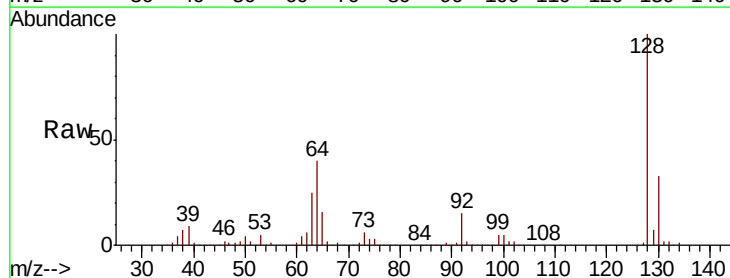
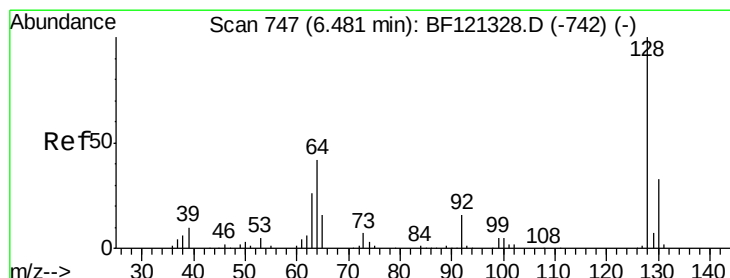
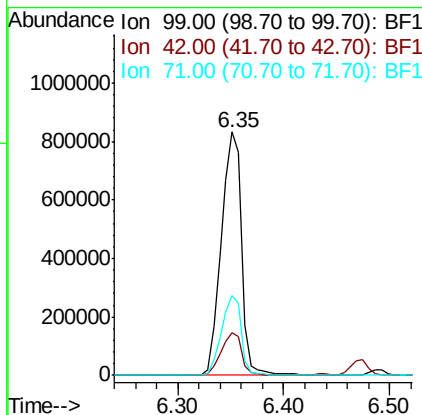
PB131184BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.447 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

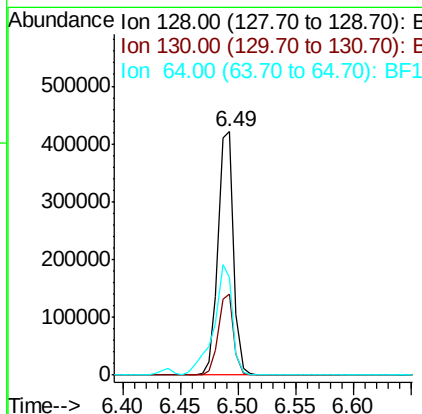
Tgt Ion: 128 Resp: 394531

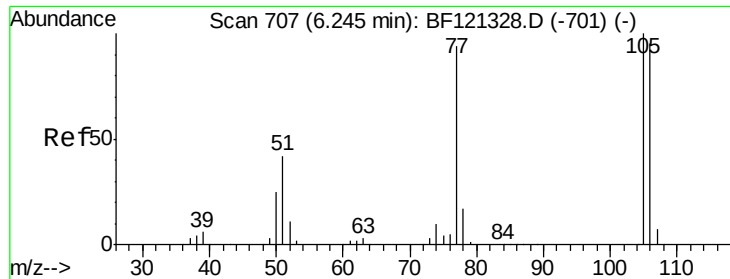
Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

64 40.3 23.4 63.4





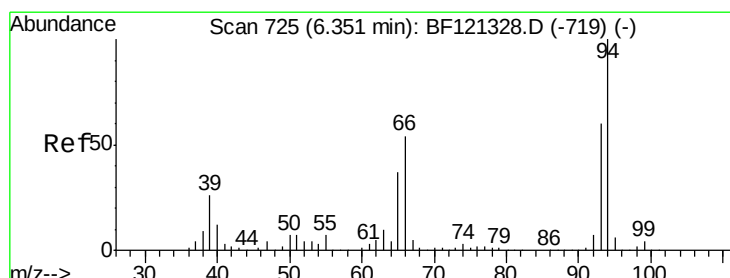
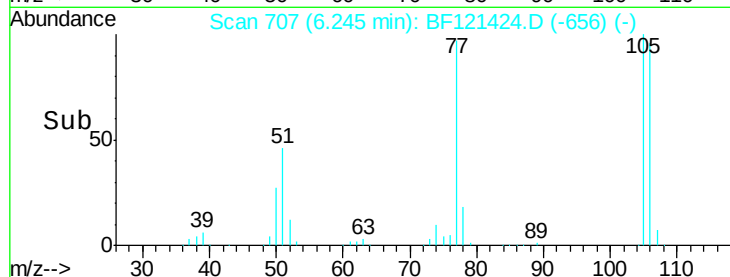
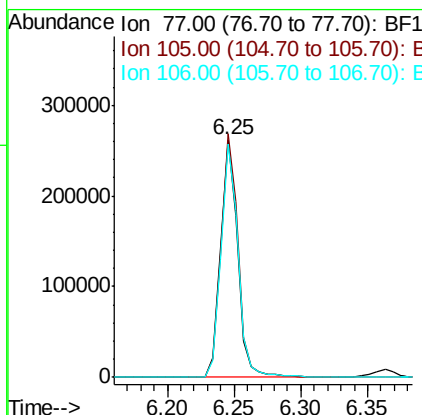
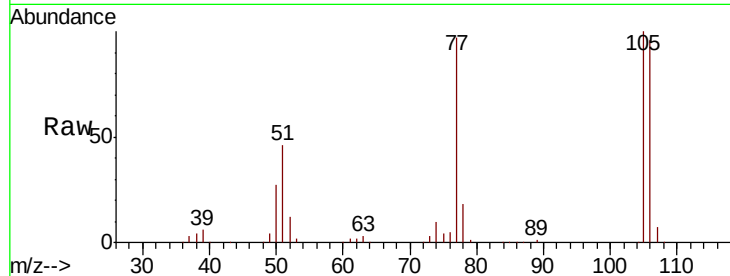
#9
Benzaldehyde
Concen: 34.753 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121424.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	86.3	126.3
106	98.3	81.2	121.2

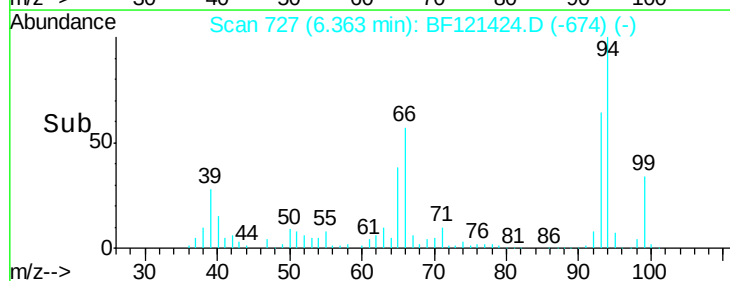
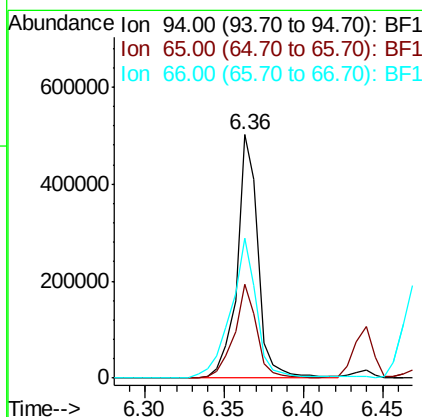
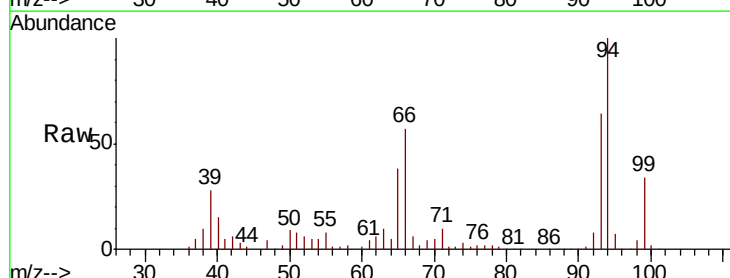
Manual Integrations
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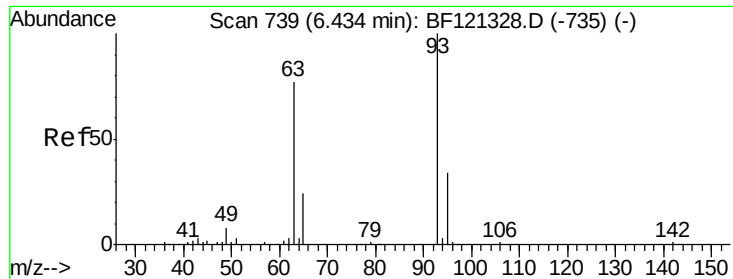
mohammad
8/26/2020 4:00:25 PM



#10
Phenol
Concen: 35.963 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.3	16.6	56.6
66	57.3	34.3	74.3





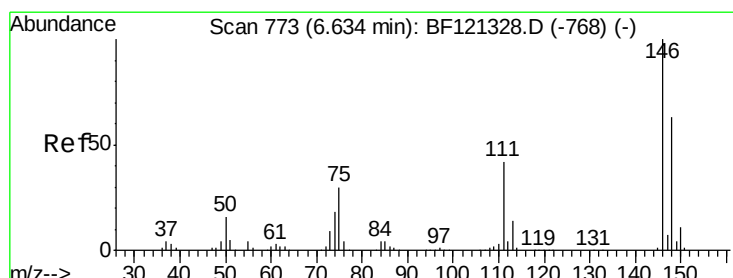
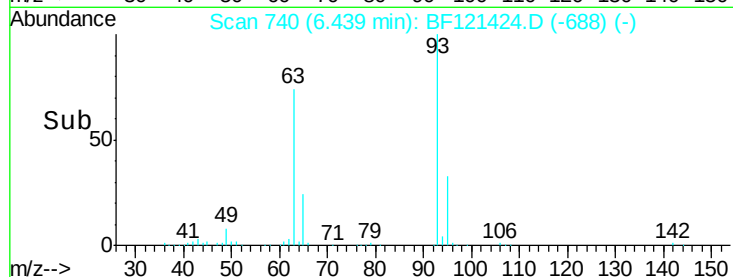
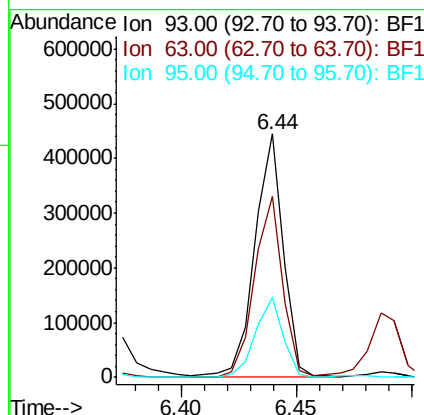
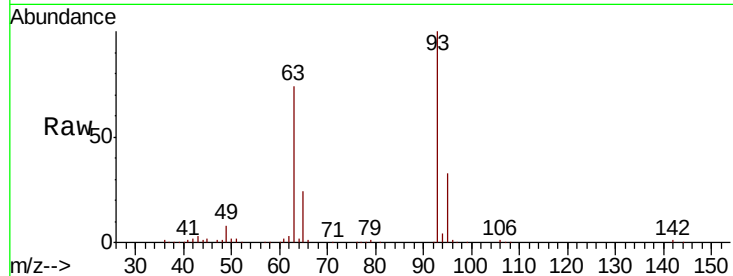
#11
bis(2-Chloroethyl)ether
Concen: 38.629 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	381074		
63	74.3	56.4	96.4	
95	32.7	13.5	53.5	

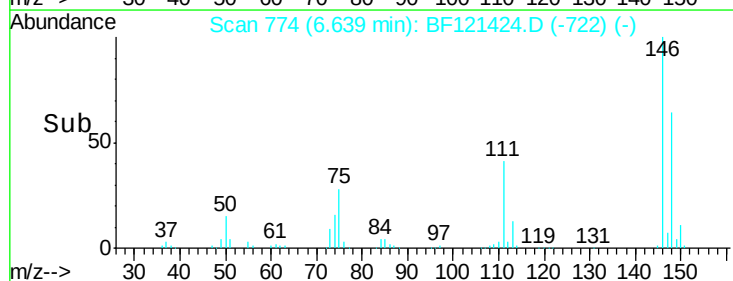
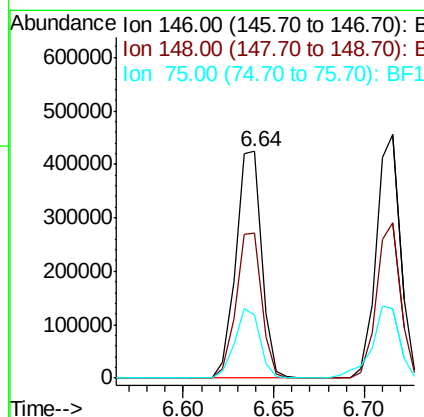
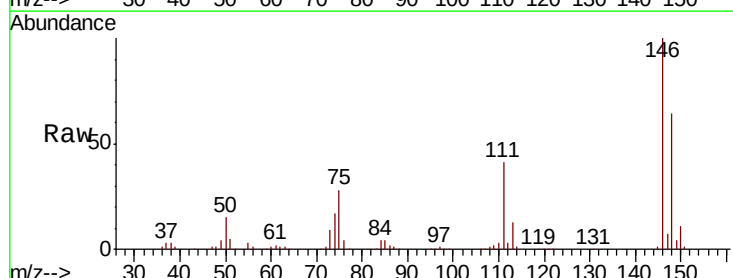
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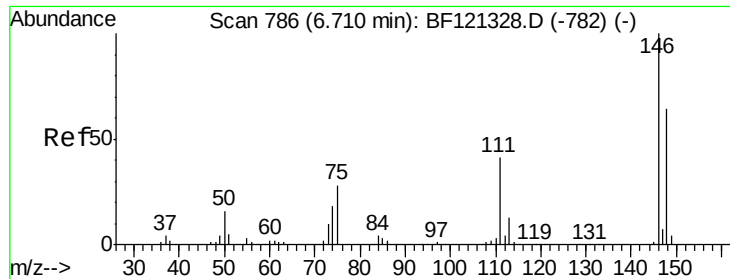
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.564 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420922		
148	64.2	50.7	76.1	
75	27.7	23.8	35.6	





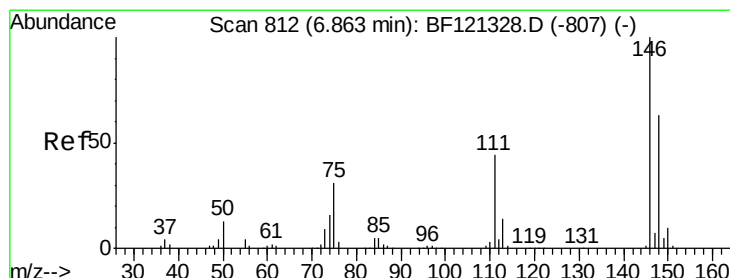
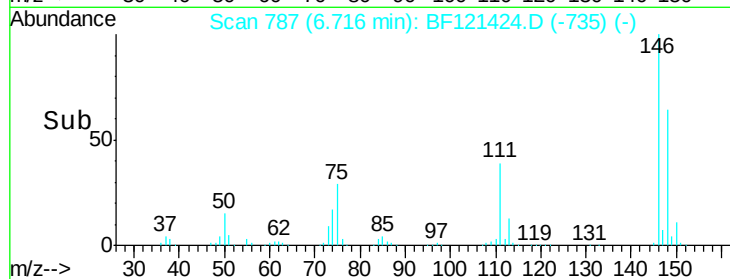
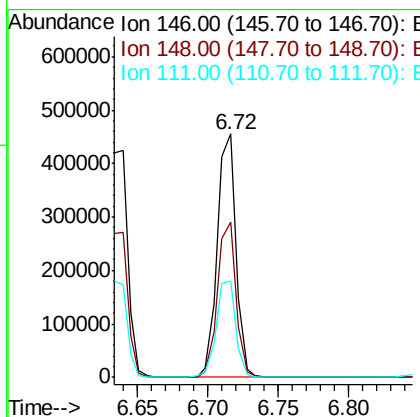
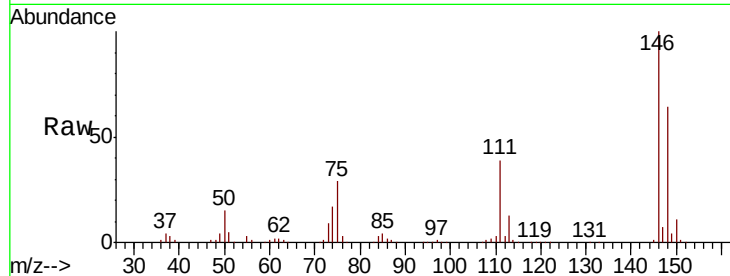
#13
 1,4-Dichlorobenzene
 Concen: 37.358 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	39.4	33.3	49.9

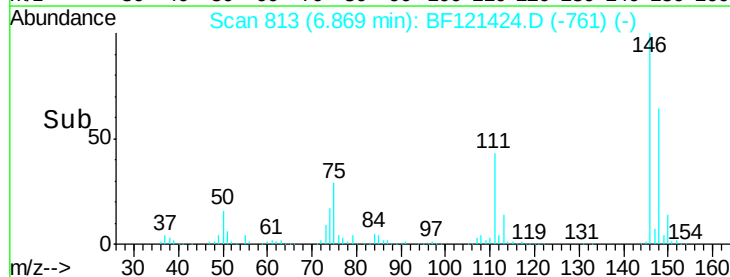
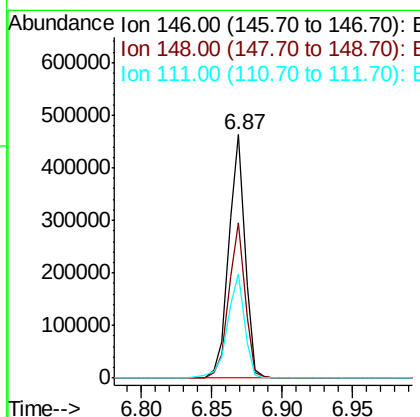
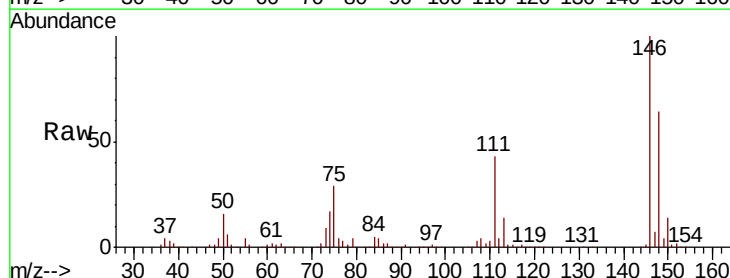
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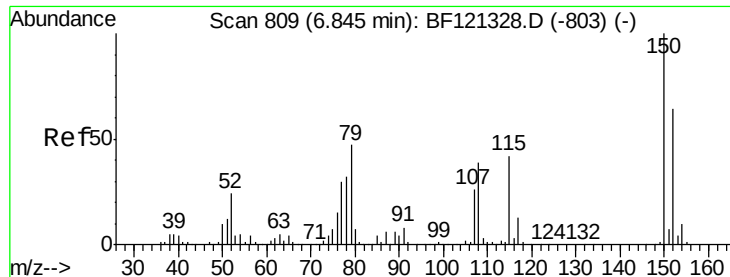
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.500 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.3	75.5
111	42.8	35.5	53.3





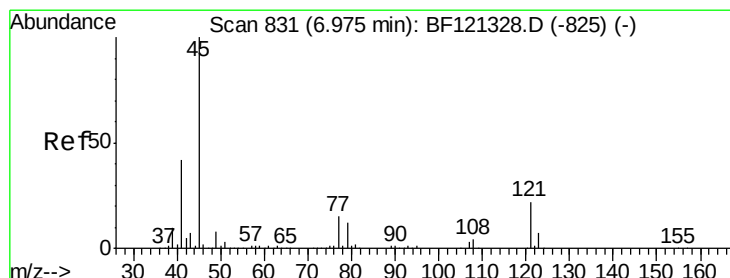
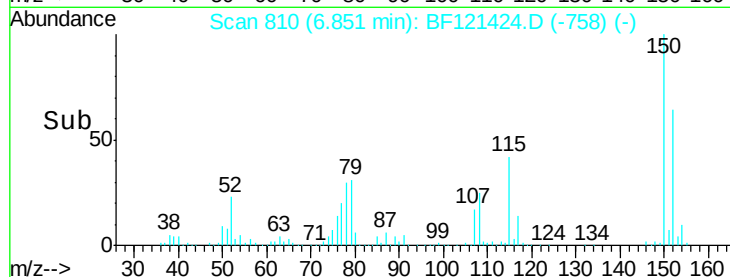
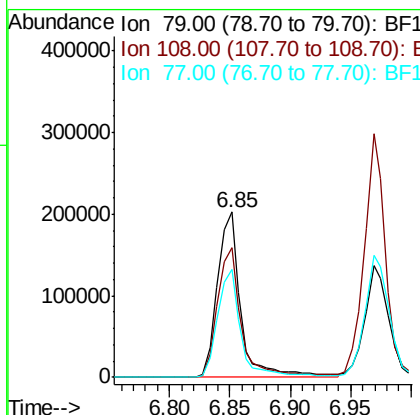
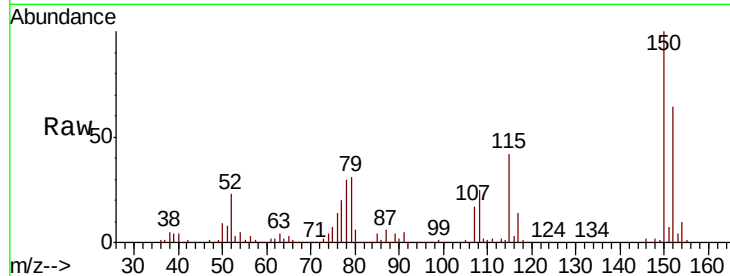
#15
Benzyl Alcohol
Concen: 36.889 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	65.2	97.8
77	65.1	51.4	77.0

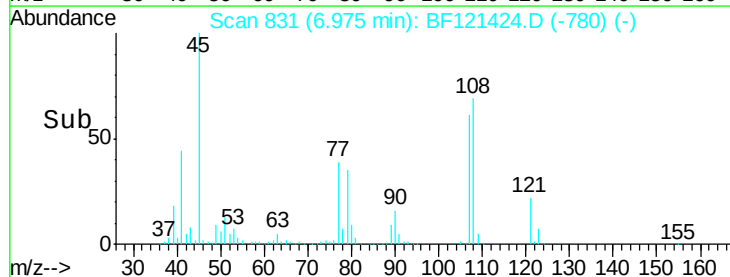
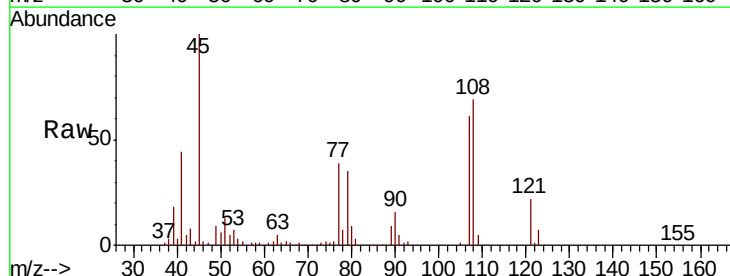
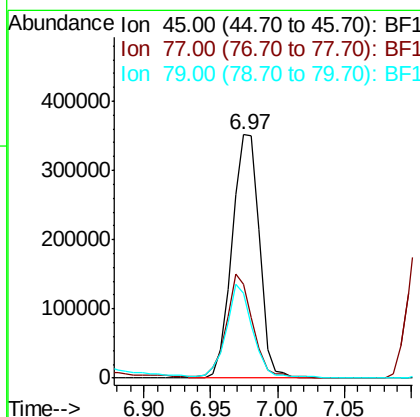
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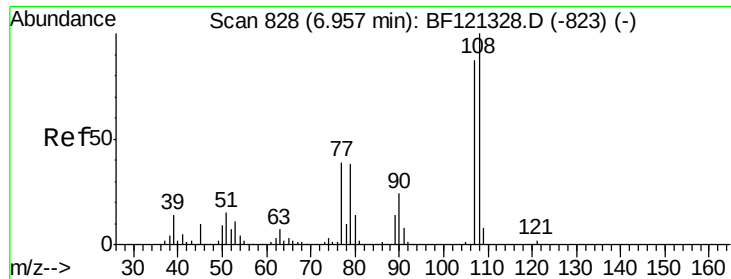
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.535 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.6	0.0	35.6#
79	34.7	0.0	32.5#





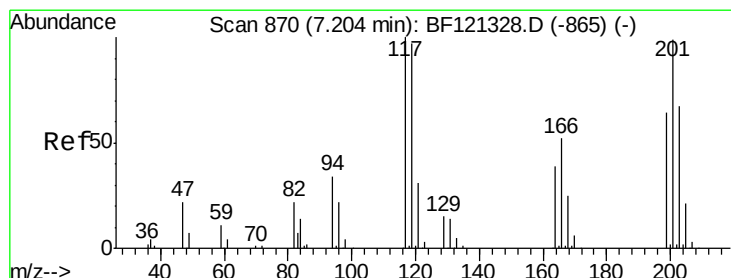
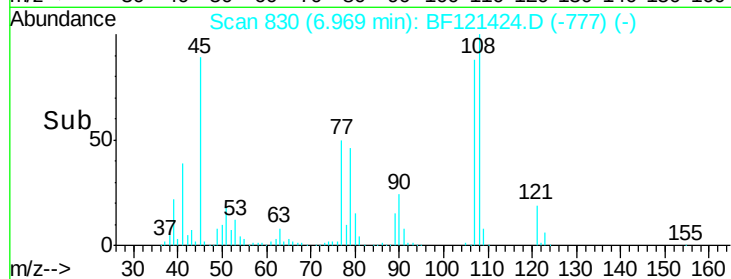
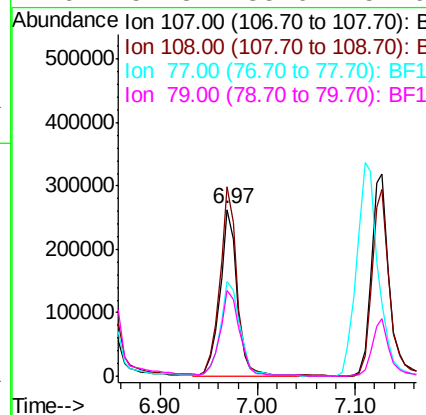
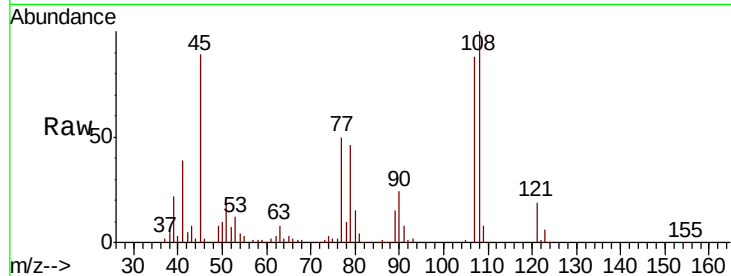
#17
2-Methylphenol
Concen: 38.929 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleID :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	92.4	138.6	
77	56.9	36.1	54.1	
79	51.8	35.0	52.6	

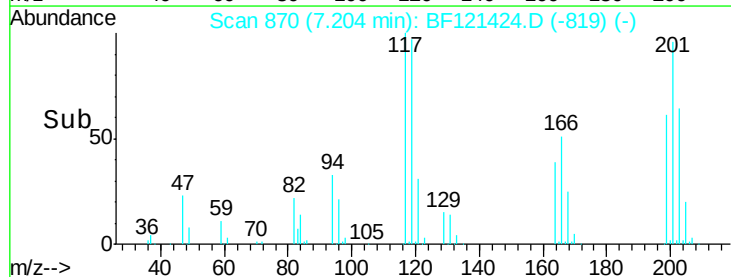
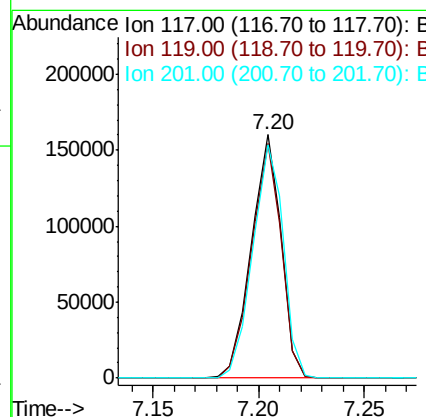
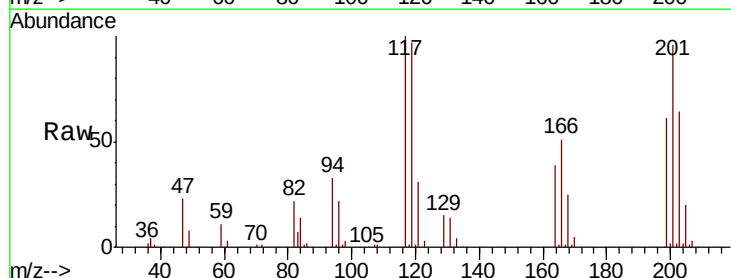
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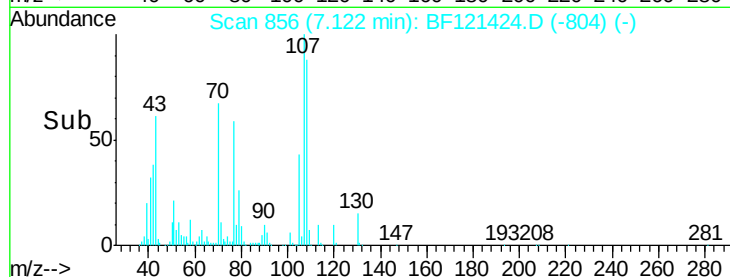
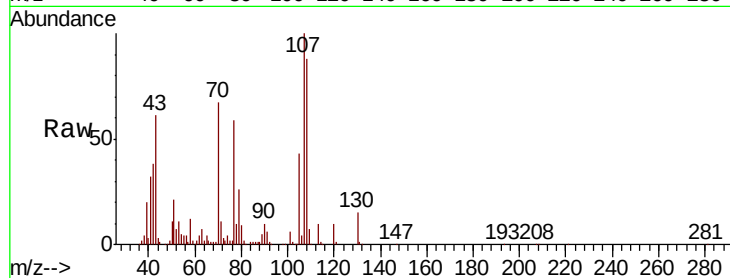
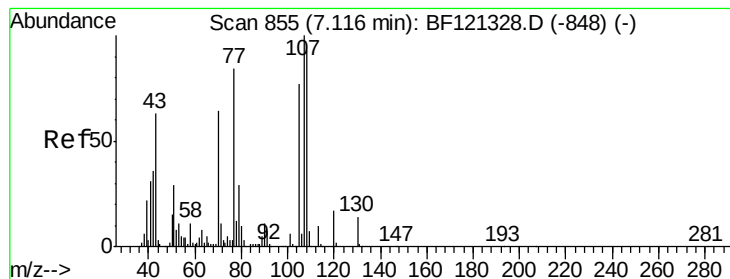
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#18
Hexachloroethane
Concen: 37.229 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.9	116.9	
201	95.9	79.4	119.0	





#19

n-Nitroso-di-n-propylamine

Concen: 38.467 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion: 70 Resp: 252727

Ion Ratio Lower Upper

70 100

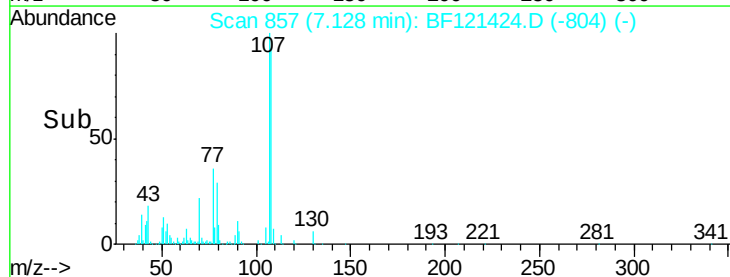
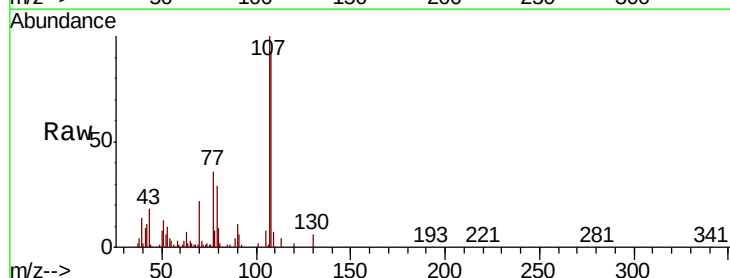
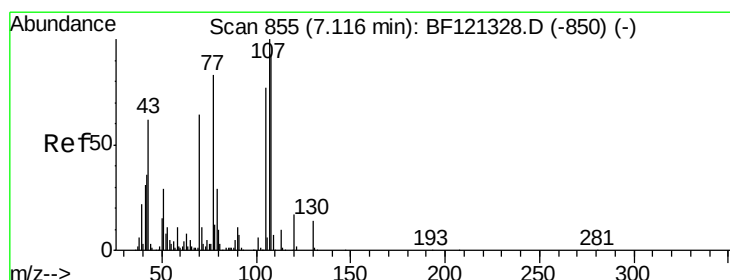
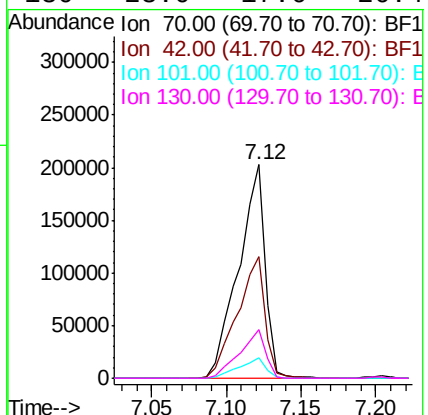
42 57.0 45.2 67.8

101 9.7 7.7 11.5

130 23.0 17.6 26.4

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#20

3+4-Methylphenols

Concen: 49.909 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion: 107 Resp: 400733

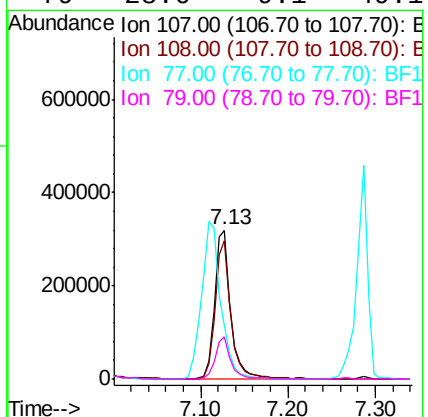
Ion Ratio Lower Upper

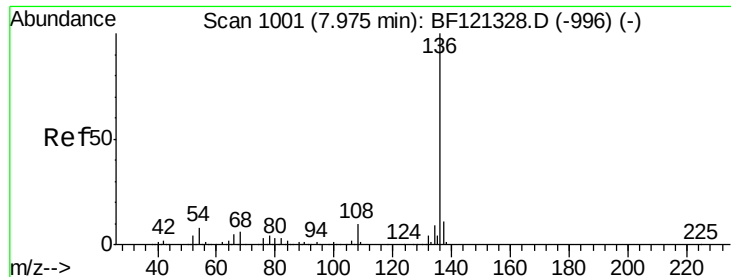
107 100

108 92.7 72.6 112.6

77 36.1 63.8 103.8#

79 28.6 9.1 49.1





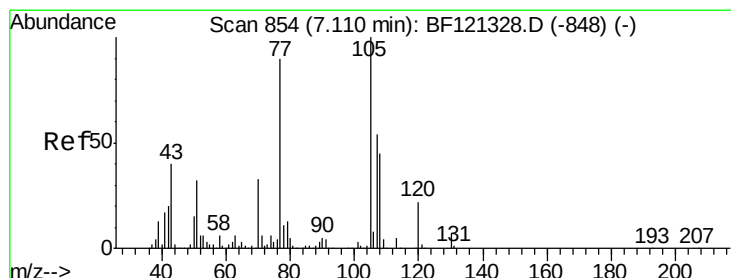
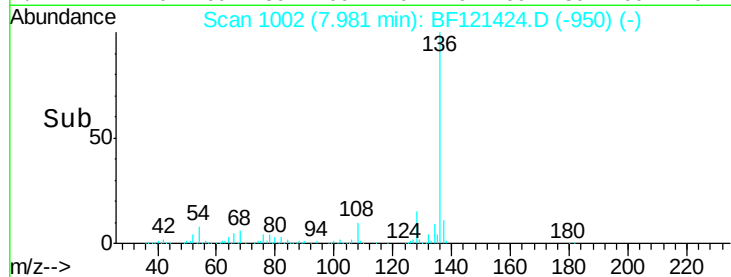
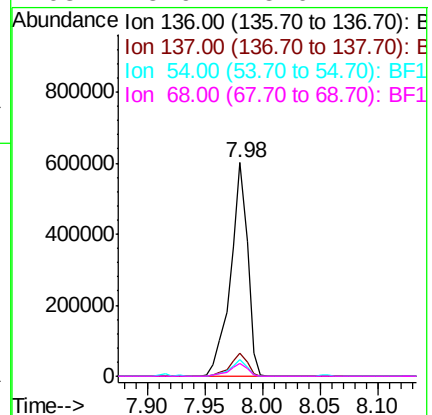
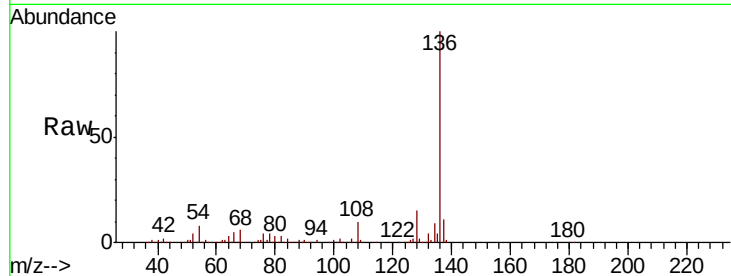
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		612953		
137	11.1	8.9	13.3		
54	7.5	6.1	9.1		
68	5.9	5.0	7.4		

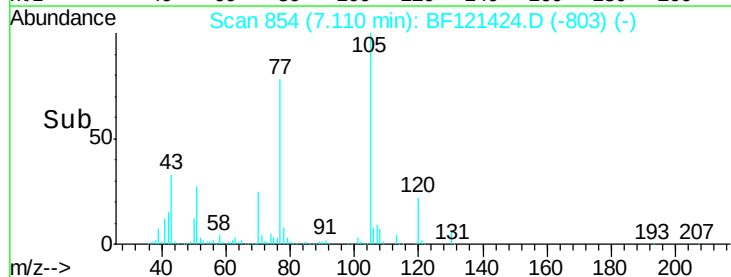
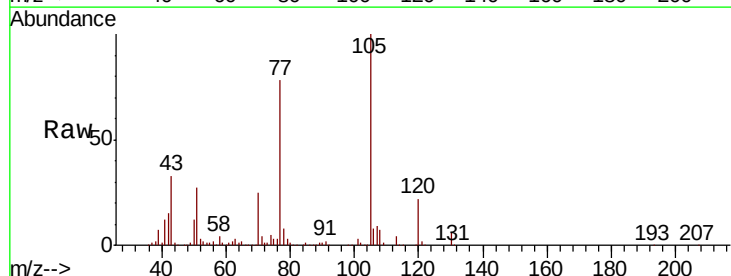
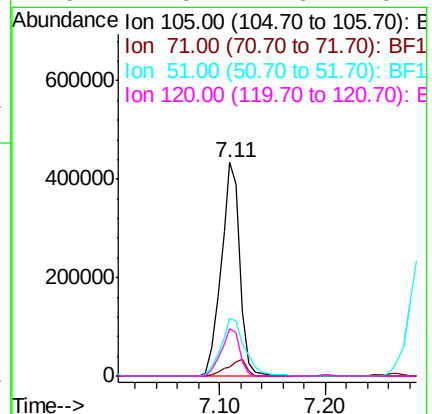
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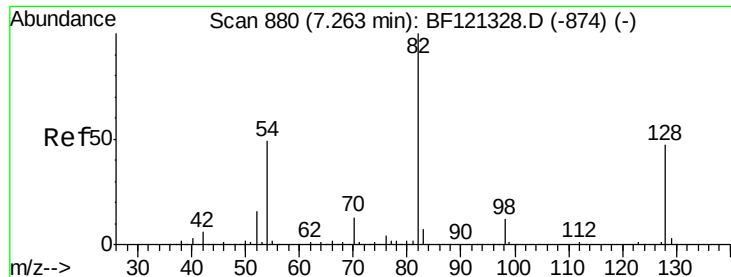
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#22
Acetophenone
Concen: 37.581 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		538545		
71	4.2	4.5	6.7#		
51	27.1	25.4	38.0		
120	22.5	17.6	26.4		





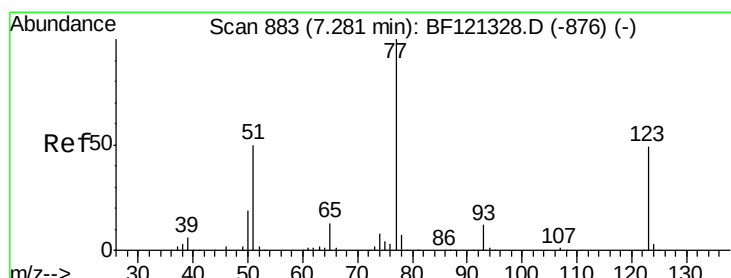
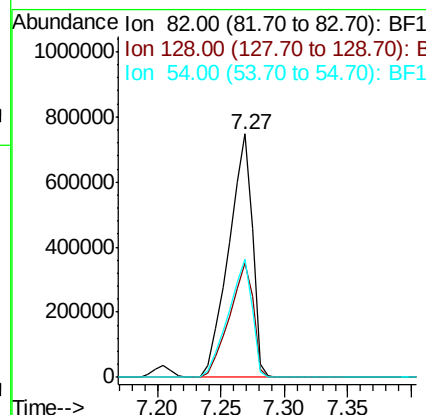
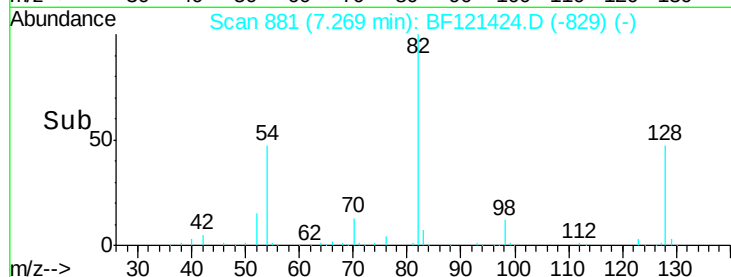
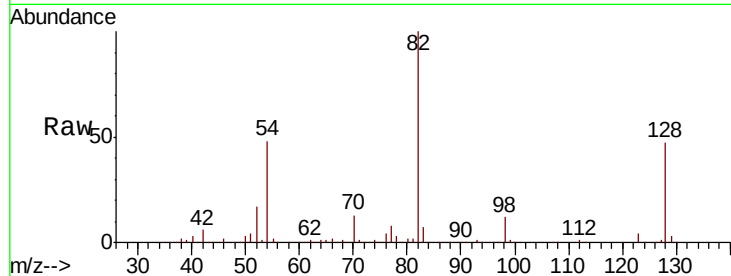
#23
Nitrobenzene-d5
Concen: 89.108 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.9	56.9
54	48.3	39.0	58.4

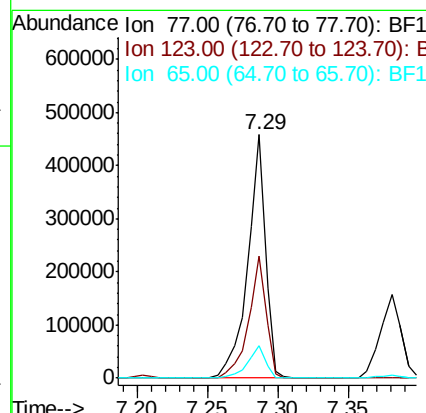
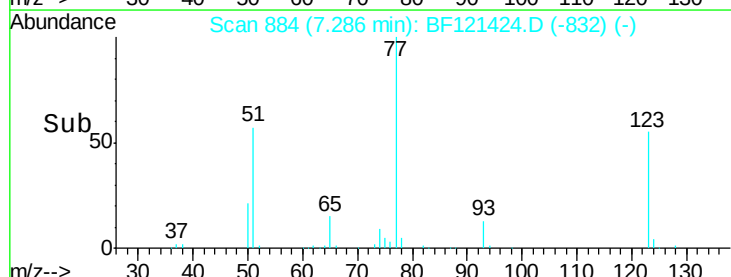
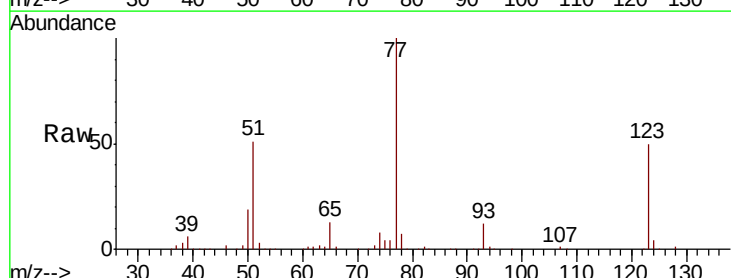
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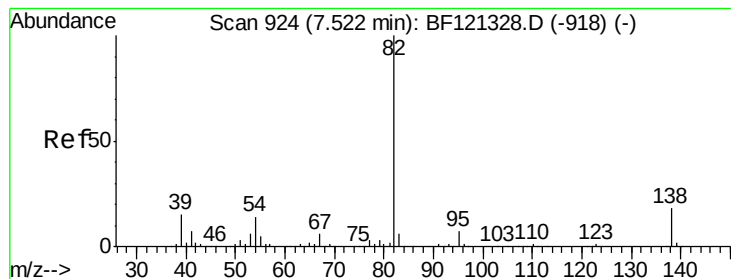
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#24
Nitrobenzene
Concen: 36.306 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	39.2	58.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 37.398 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

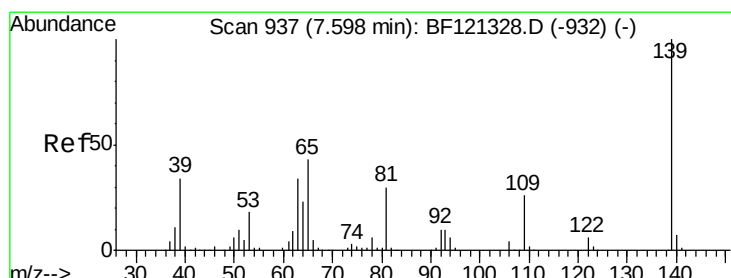
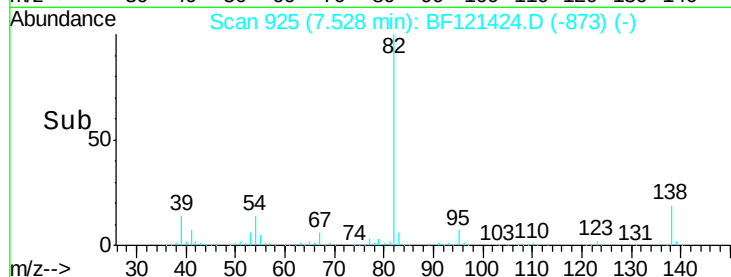
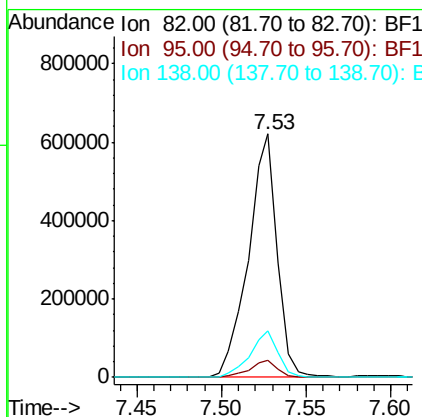
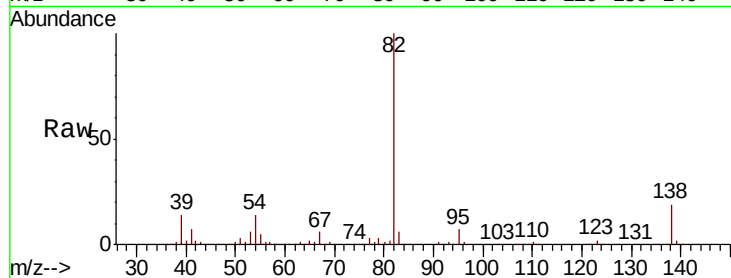
ClientSampleId :

PB131184BS

Tot Ion:	82	Resp:	737618
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 39.465 ng

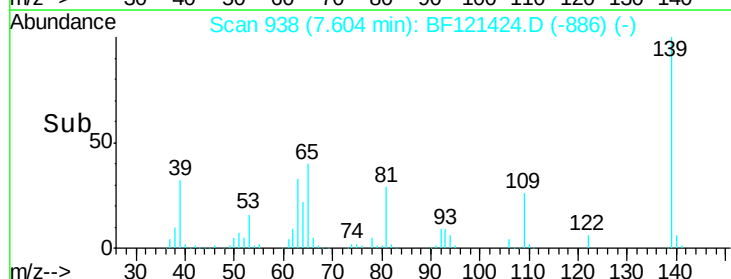
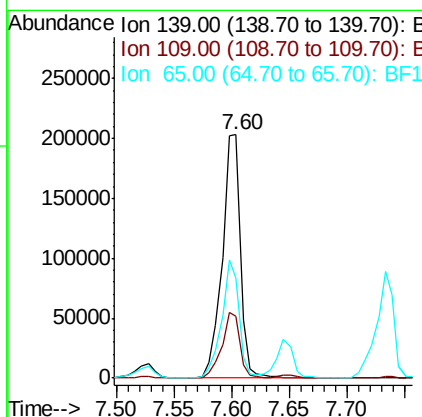
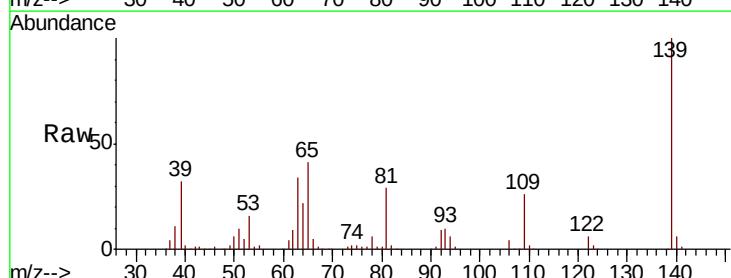
RT: 7.60 min Scan# 938

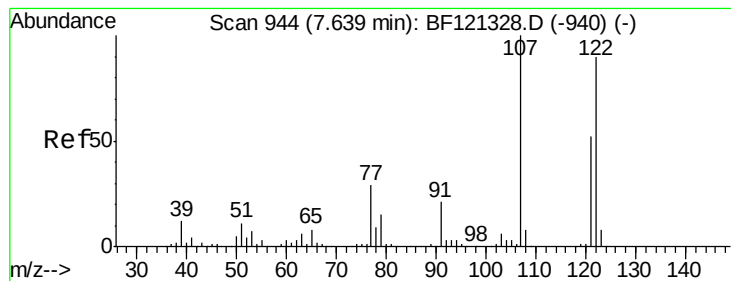
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:	139	Resp:	223574
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.1	31.7
65	40.9	34.5	51.7





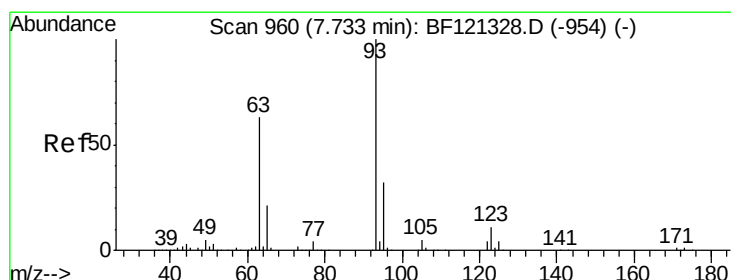
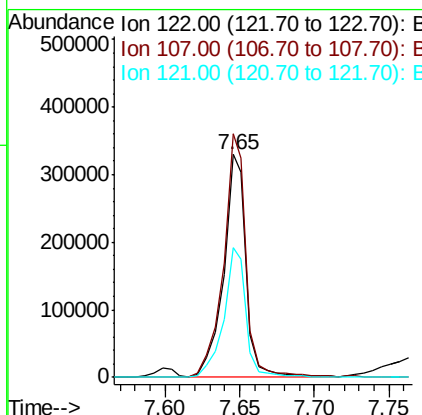
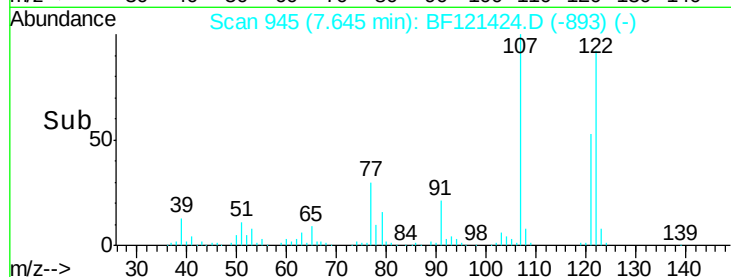
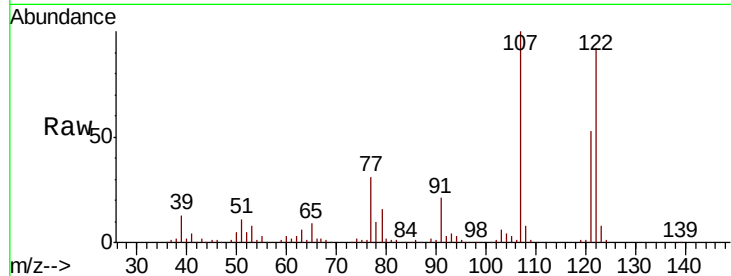
#27
2,4-Dimethylphenol
Concen: 43.357 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	350486		
107	109.2	89.0	133.4	
121	58.0	46.4	69.6	

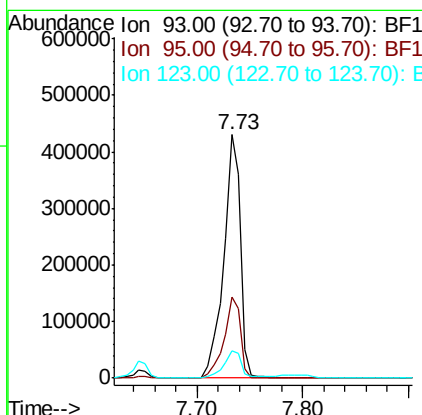
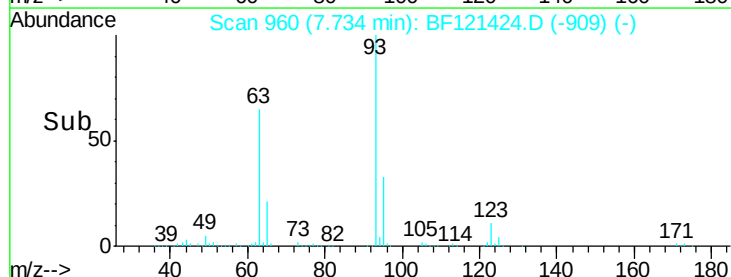
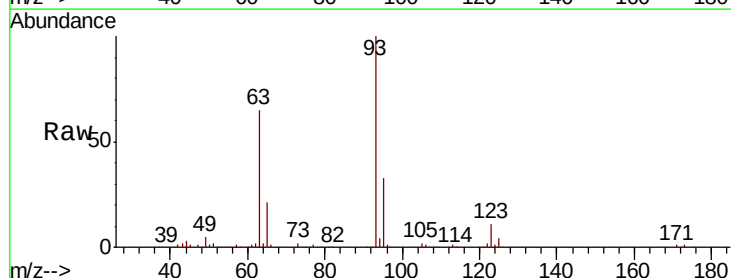
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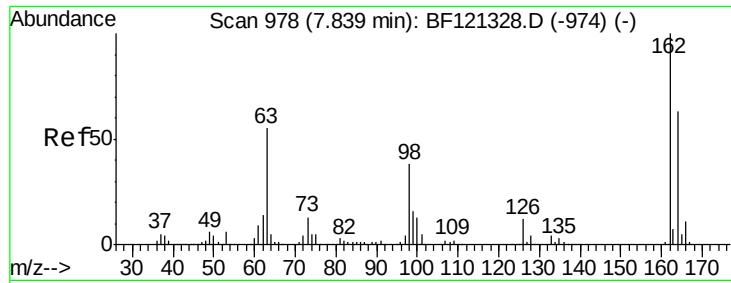
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.123 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	471572		
95	33.0	25.8	38.8	
123	11.4	9.0	13.6	





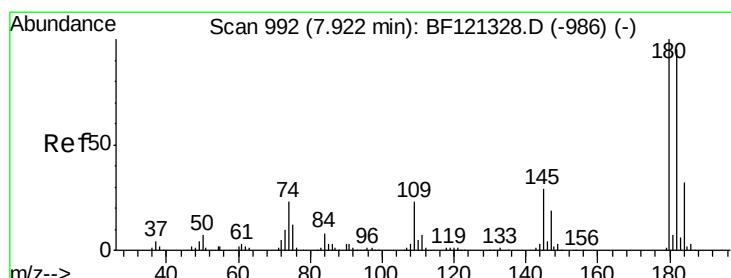
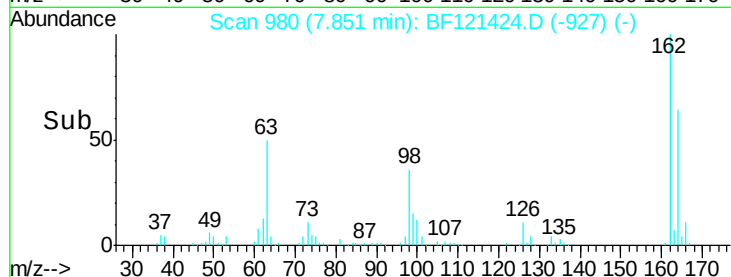
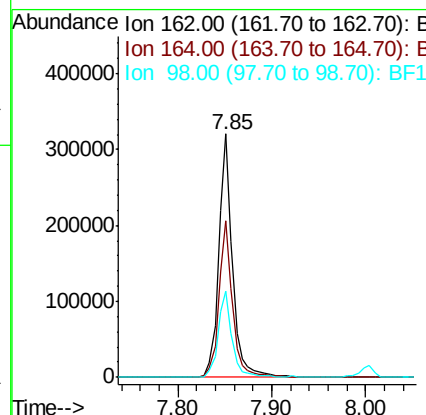
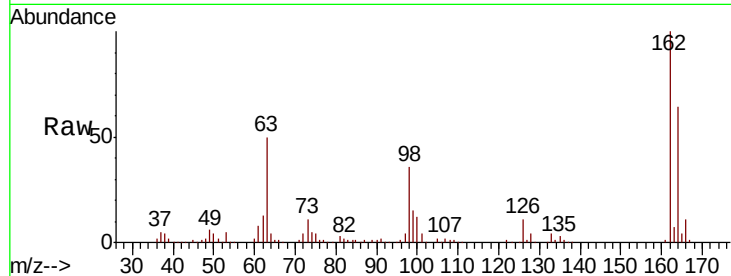
#29
2,4-Dichlorophenol
Concen: 37.673 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		332488		
164	64.3	43.4	83.4		
98	35.5	18.1	58.1		

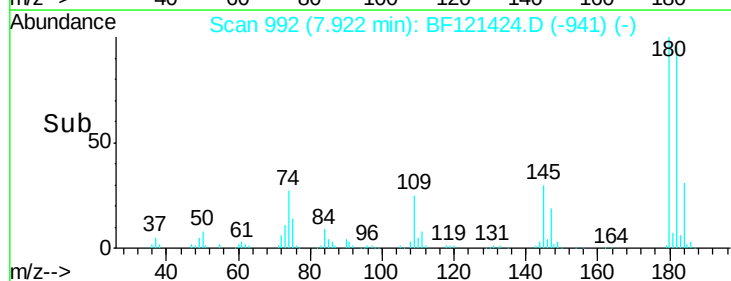
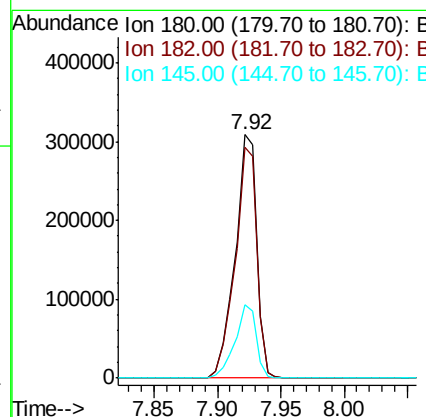
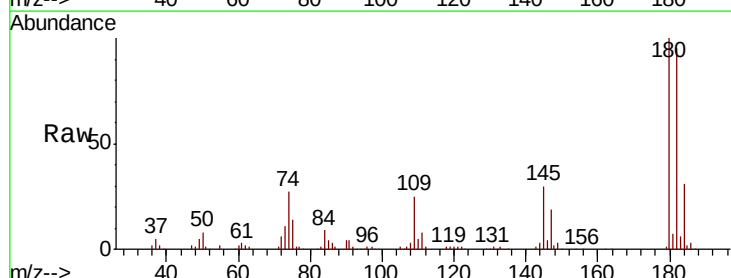
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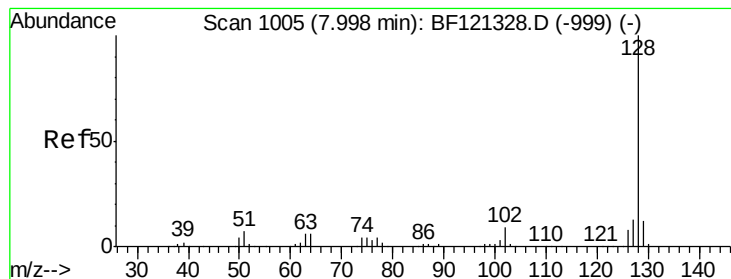
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.783 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		361143		
182	94.8	75.9	113.9		
145	30.2	23.2	34.8		





#31

Naphthalene

Concen: 36.675 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampled :

PB131184BS

Tot Ion:128 Resp: 1118802

Ion Ratio Lower Upper

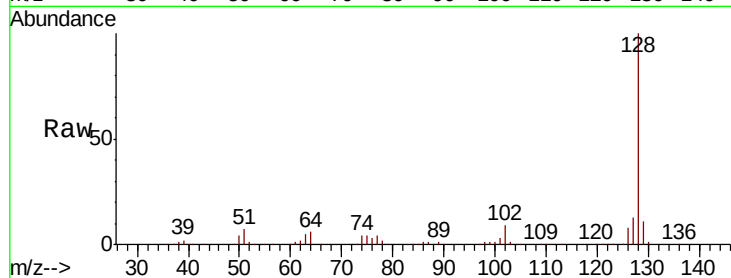
128 100

129 11.4 9.3 13.9

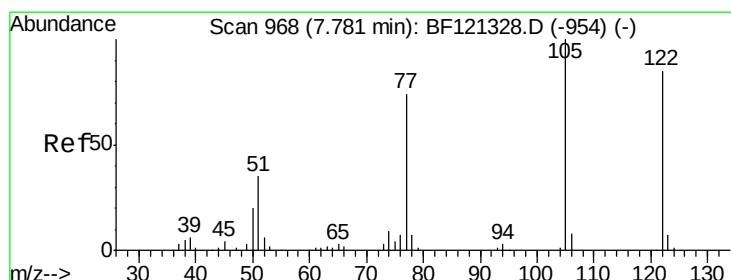
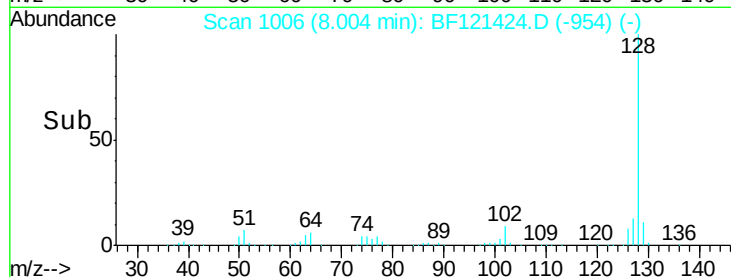
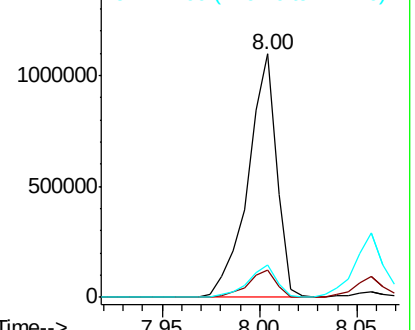
127 13.5 10.6 16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.050 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

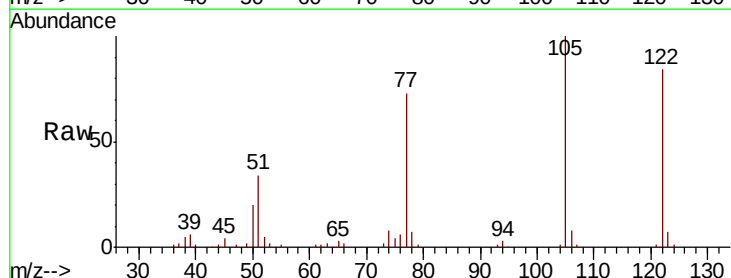
Tgt Ion:122 Resp: 192569

Ion Ratio Lower Upper

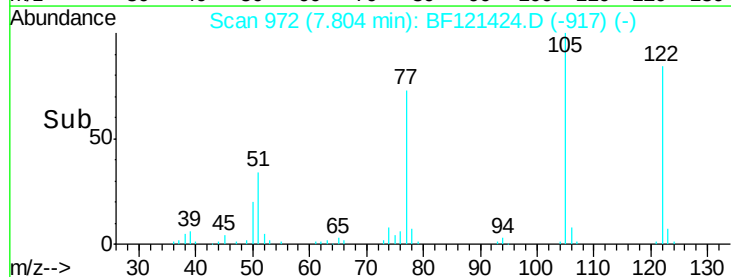
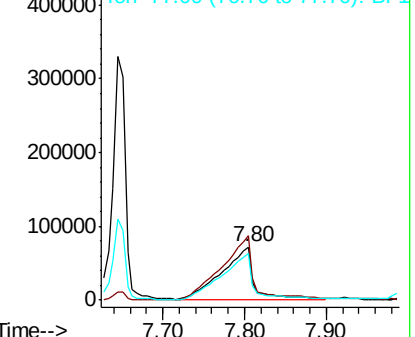
122 100

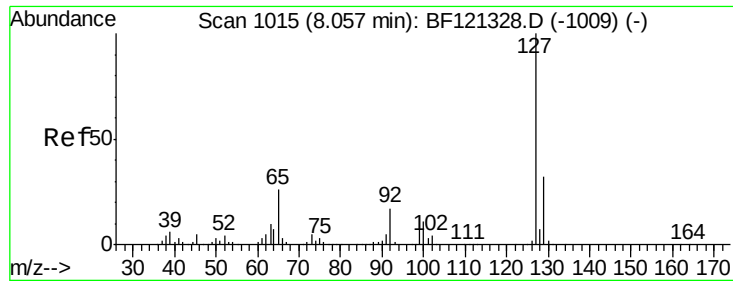
105 119.2 96.7 136.7

77 87.4 66.7 106.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





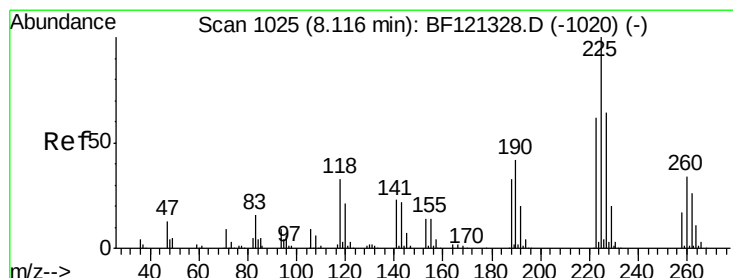
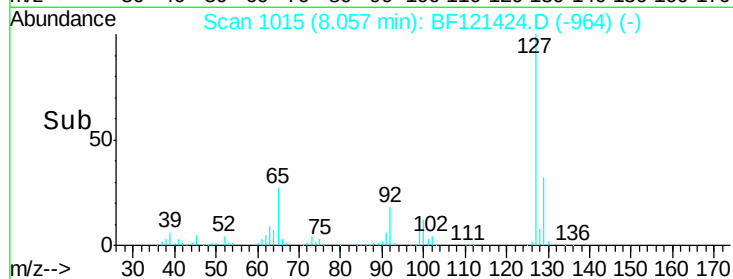
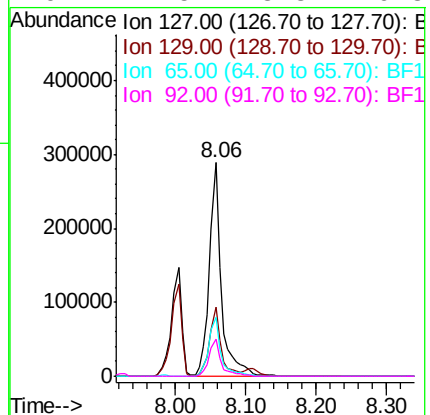
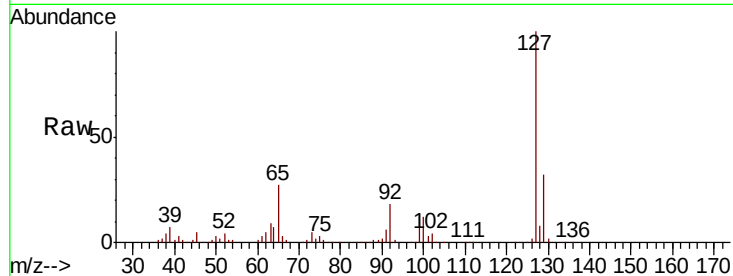
#33
4-Chloroaniline
Concen: 25.234 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.7	38.5		
65	27.3	20.9	31.3		
92	17.5	13.8	20.8		

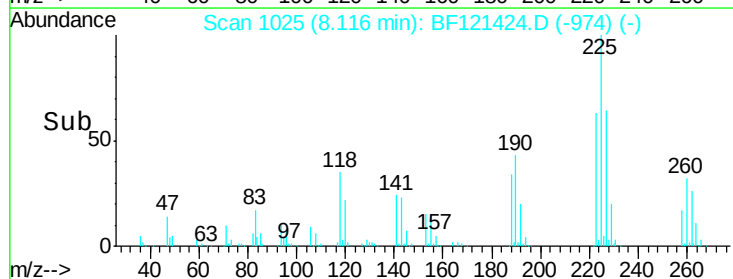
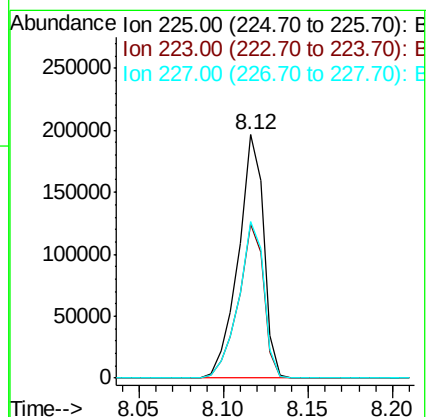
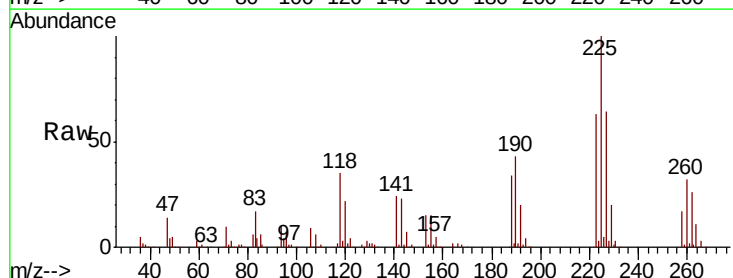
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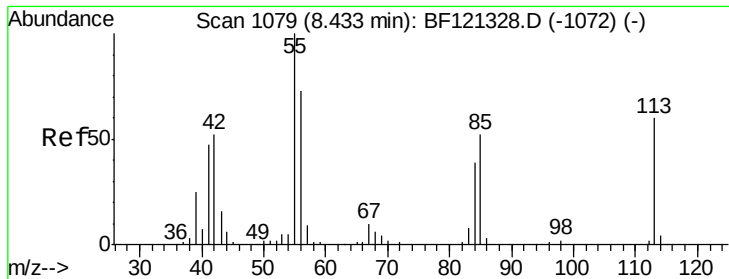
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#34
Hexachlorobutadiene
Concen: 34.367 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.7	74.5		
227	64.1	50.9	76.3		





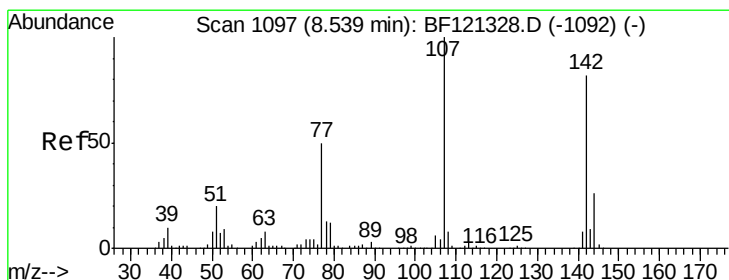
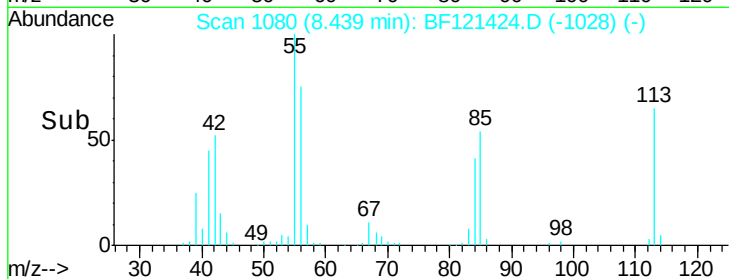
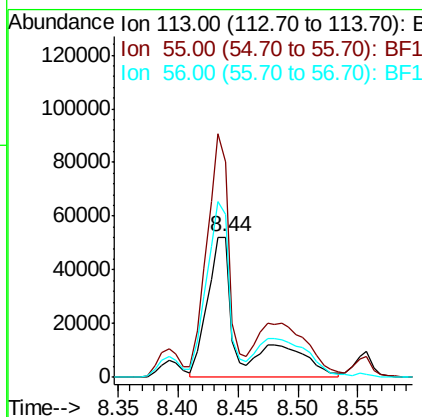
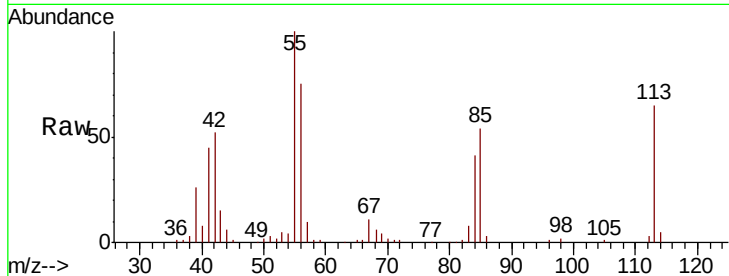
#35
 Caprolactam
 Concen: 35.935 ng/ml
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.8	147.9	187.9
56	116.1	102.4	142.4

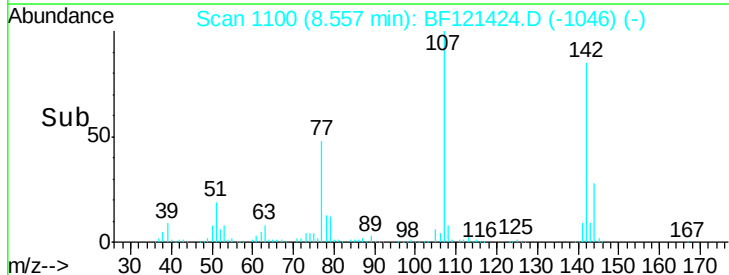
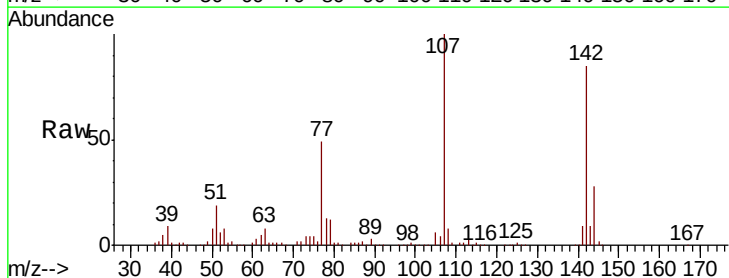
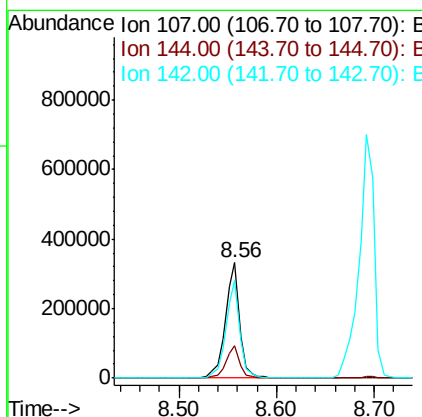
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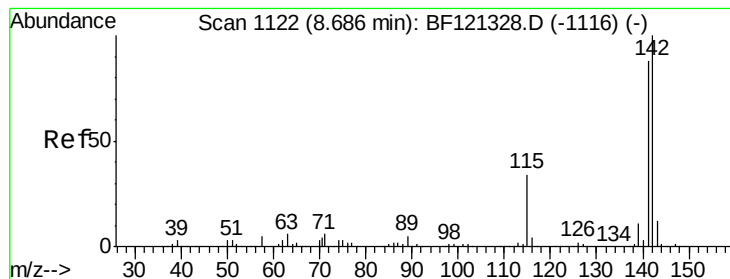
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.827 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.1	31.7
142	84.9	65.6	98.4





#37

2-Methylnaphthalene

Concen: 38.141 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

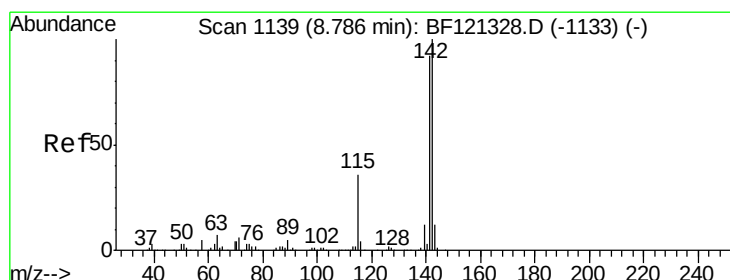
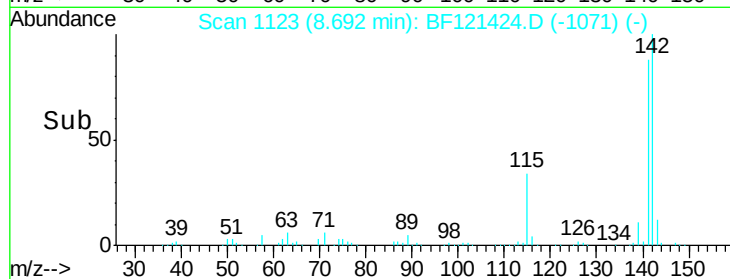
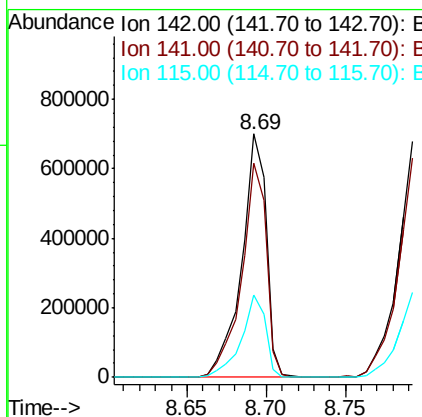
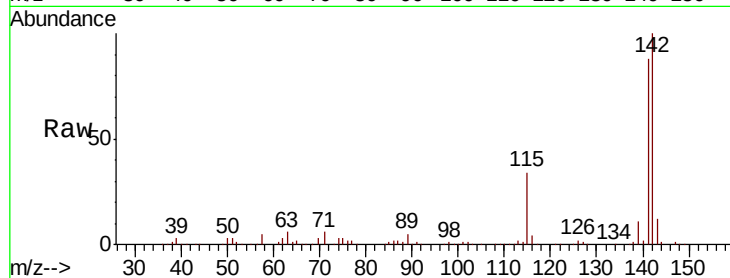
ClientSampleId :

PB131184BS

Tot Ion:	142	Resp:	754157
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.3	105.5
115	33.8	26.9	40.3

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#38

1-Methylnaphthalene

Concen: 37.125 ng

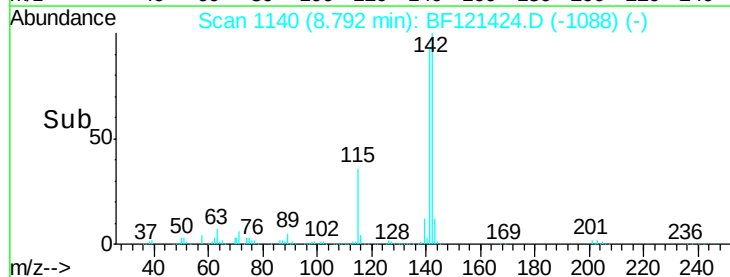
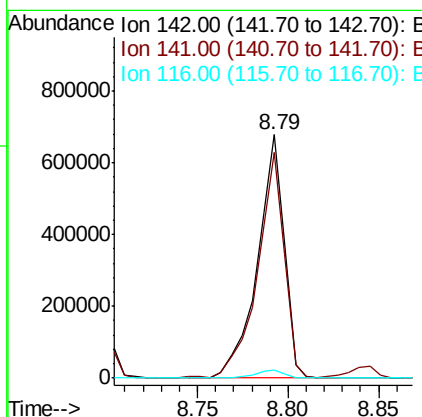
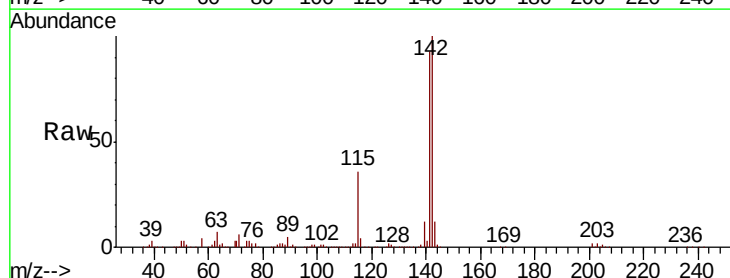
RT: 8.79 min Scan# 1140

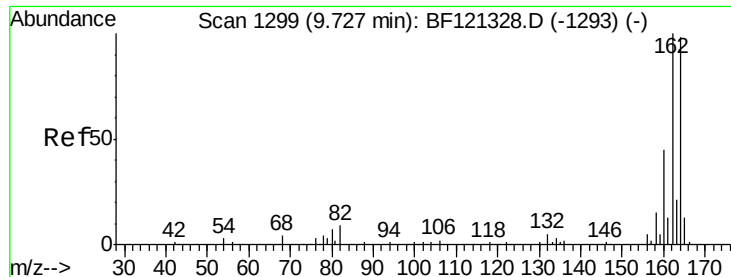
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:	142	Resp:	697977
Ion Ratio	Lower	Upper	
142	100		
141	92.9	73.6	110.4
116	3.5	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

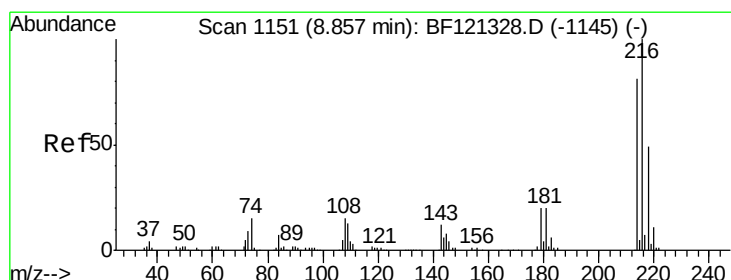
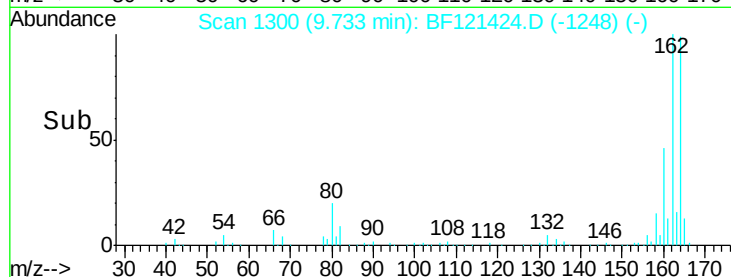
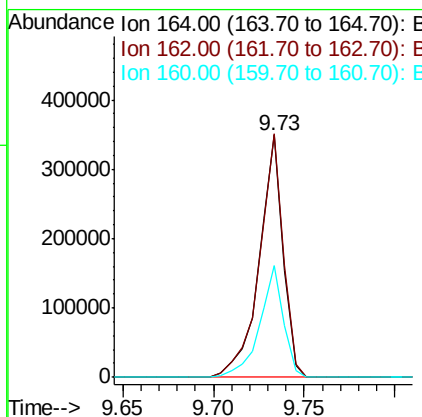
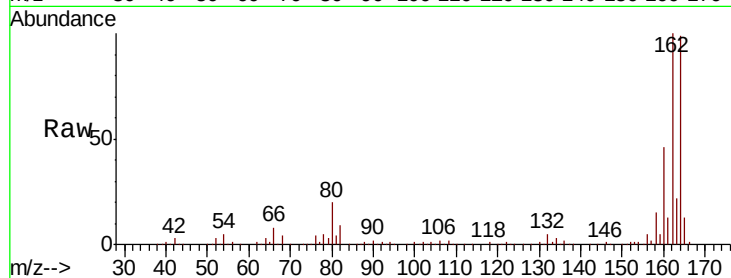
ClientSampleId :

PB131184BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.7	122.5
160	45.9	37.0	55.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.865 ng

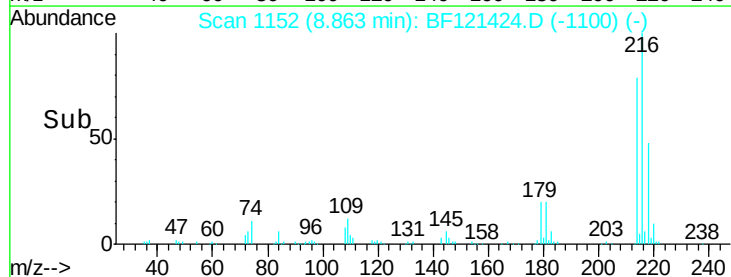
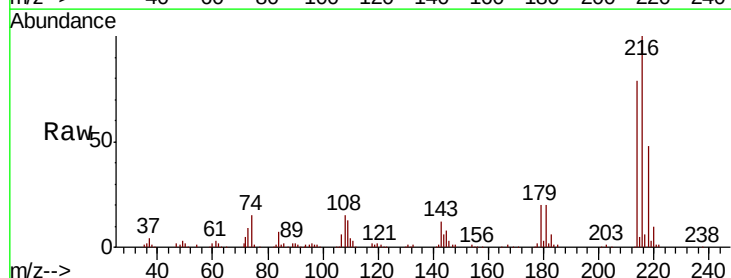
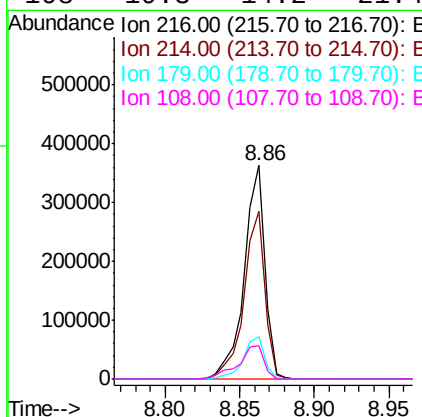
RT: 8.86 min Scan# 1152

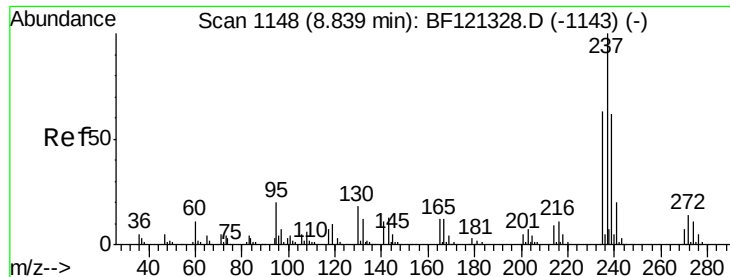
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.2	96.2
179	20.4	16.4	24.6
108	19.3	14.2	21.4





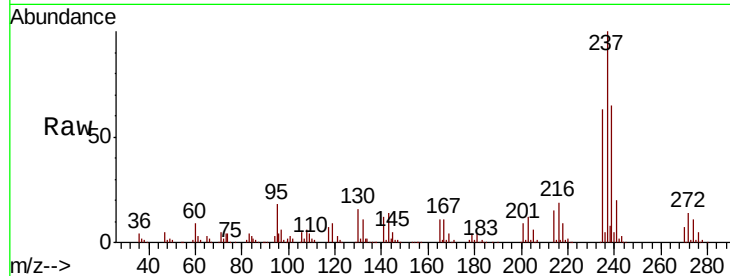
#41
Hexachlorocyclopentadiene
Concen: 74.636 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

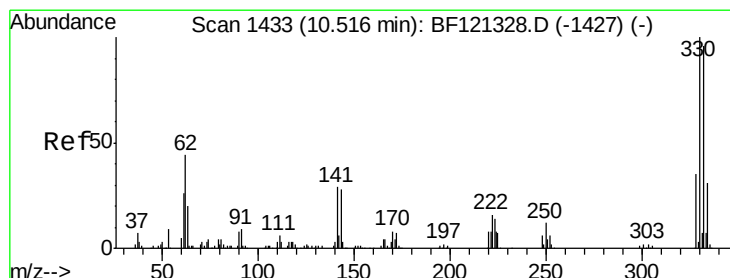
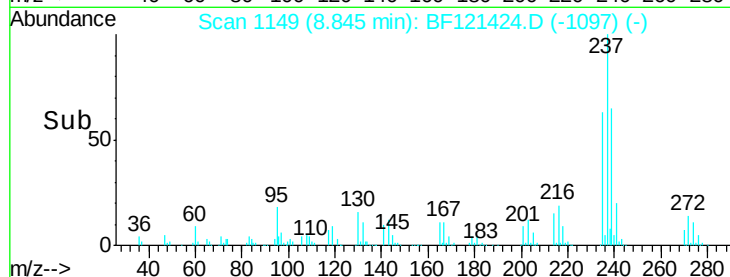
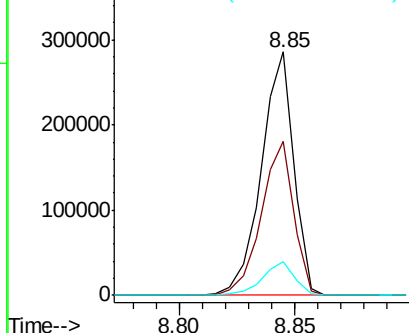
Tot Ion	Ratio	Resp	Lower	Upper
237	100	279499		
235	63.3	42.7	82.7	
272	14.0	0.0	33.7	

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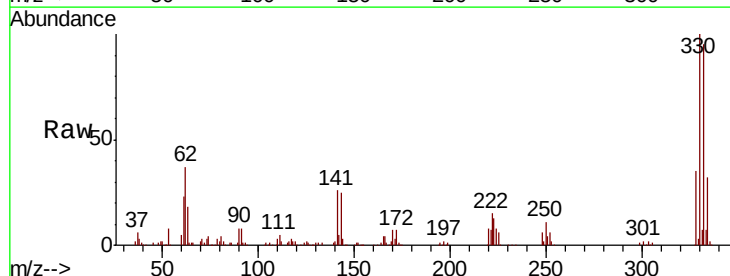


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

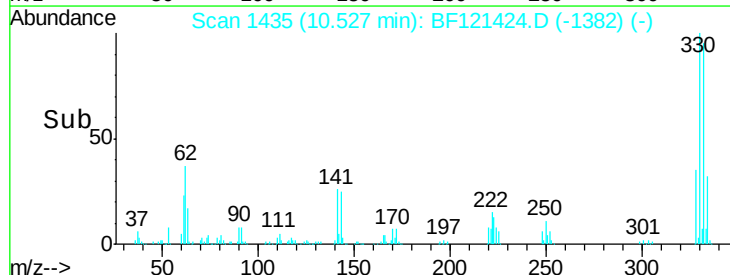
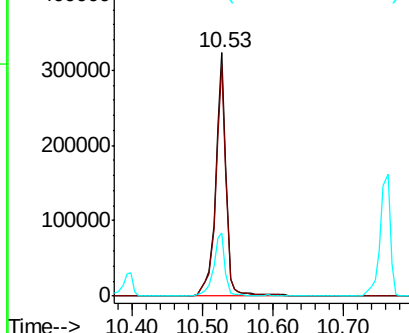


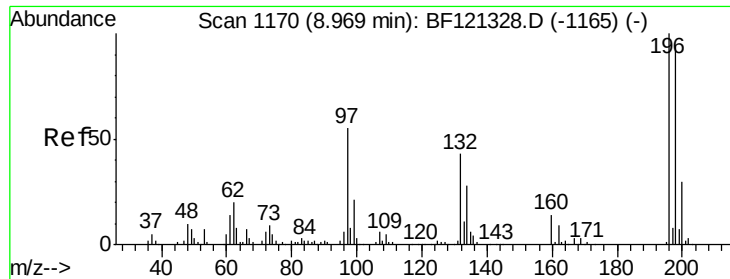
#42
2,4,6-Tribromophenol
Concen: 90.455 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	337850		
332	95.5	76.9	115.3	
141	28.3	22.8	34.2	



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





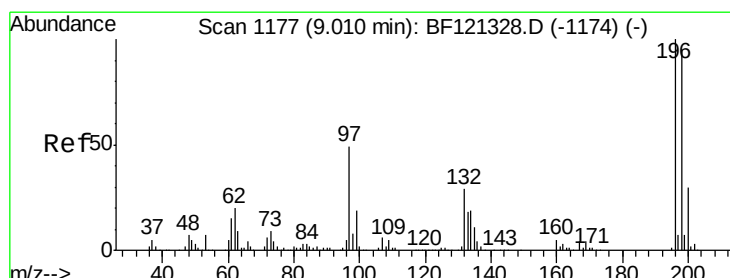
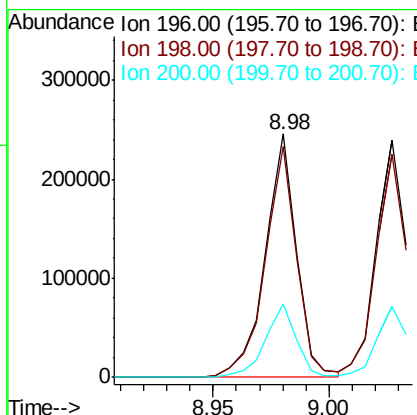
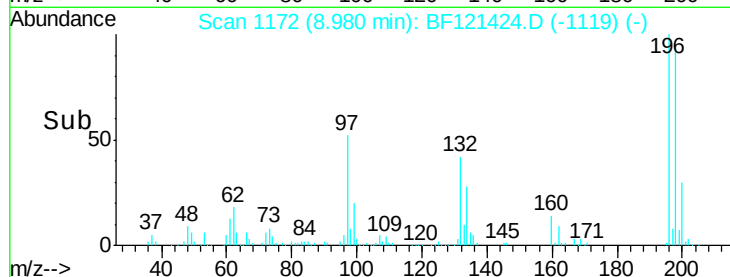
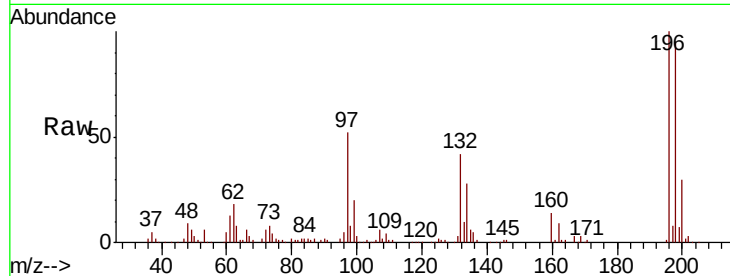
#43
2,4,6-Trichlorophenol
Concen: 35.624 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	231681		
198	94.6	75.6	113.4	
200	30.4	24.2	36.2	

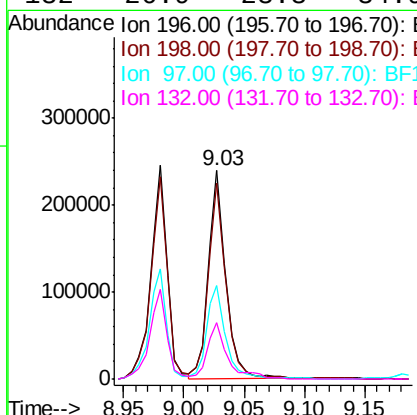
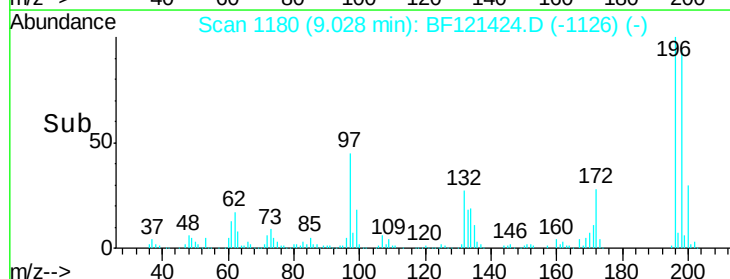
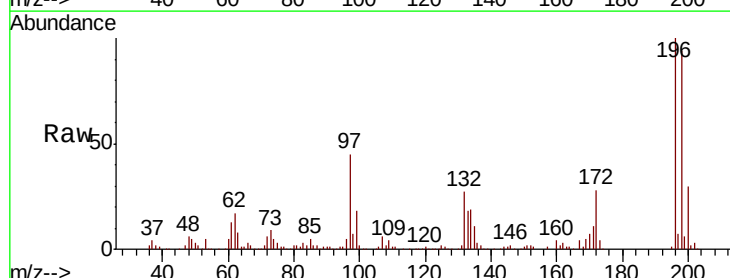
Manual Integrations
APPROVED

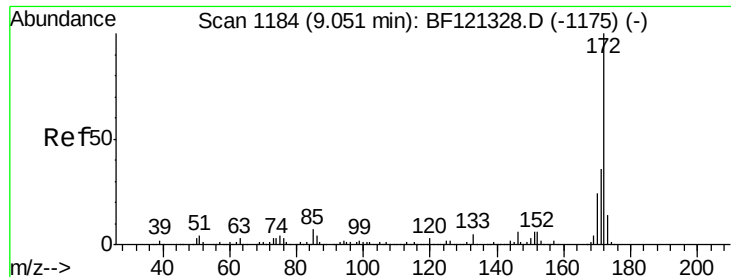
mohammad
8/26/2020 4:00:25 PM



#44
2,4,5-Trichlorophenol
Concen: 35.954 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240564		
198	94.2	75.6	113.4	
97	44.8	39.6	59.4	
132	26.9	23.3	34.9	





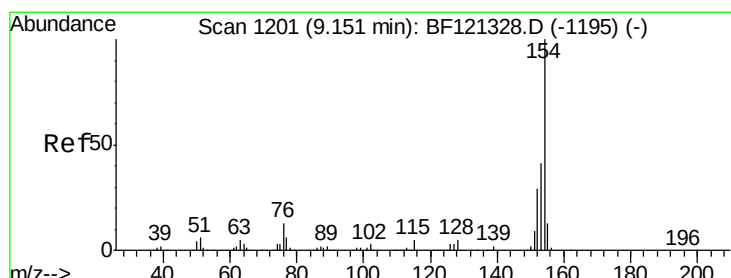
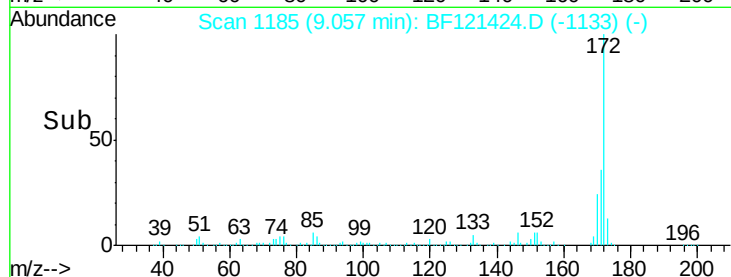
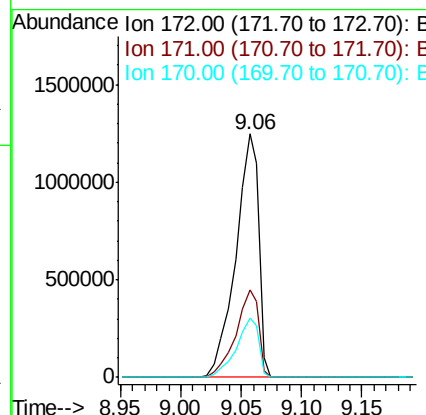
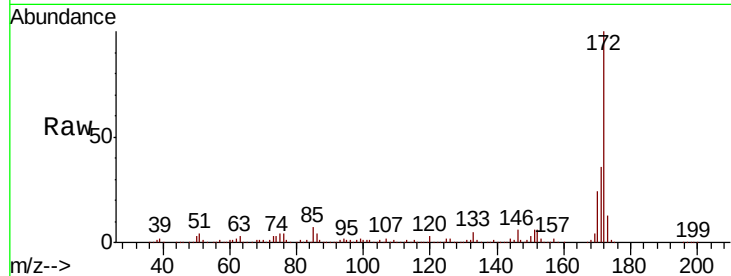
#45
2-Fluorobiphenyl
Concen: 100.929 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.4	29.2

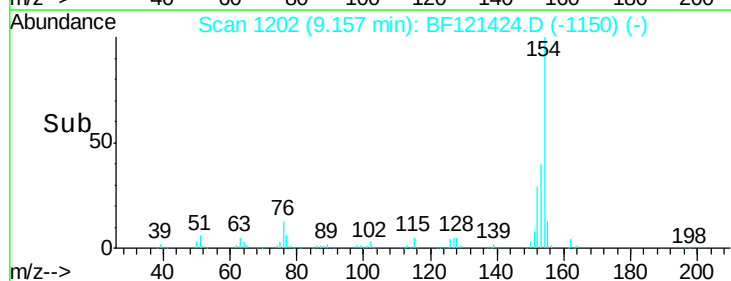
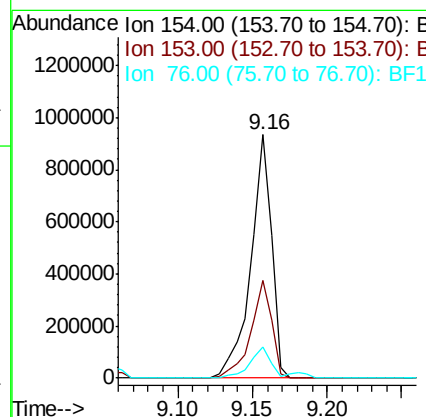
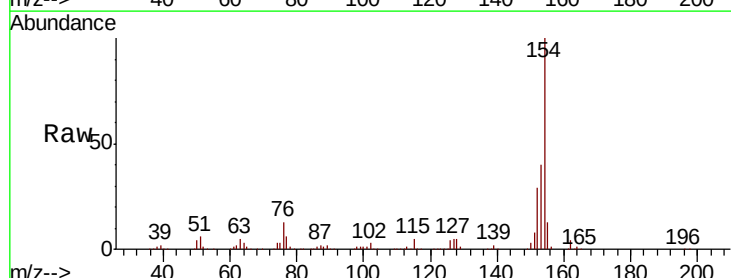
Manual Integrations
APPROVED

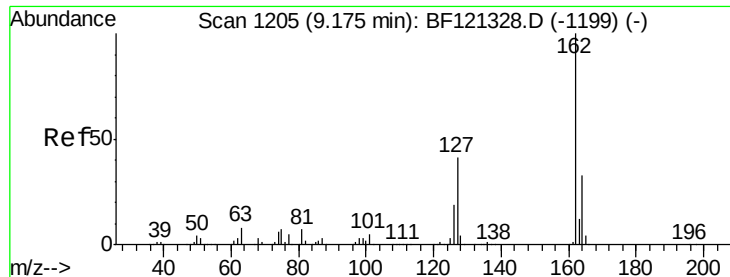
mohammad
8/26/2020 4:00:25 PM



#46
1,1'-Biphenyl
Concen: 37.300 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	12.8	0.0	33.1





#47

2-Chloronaphthalene

Concen: 34.910 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

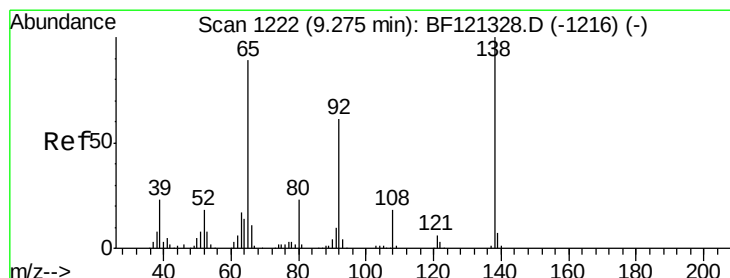
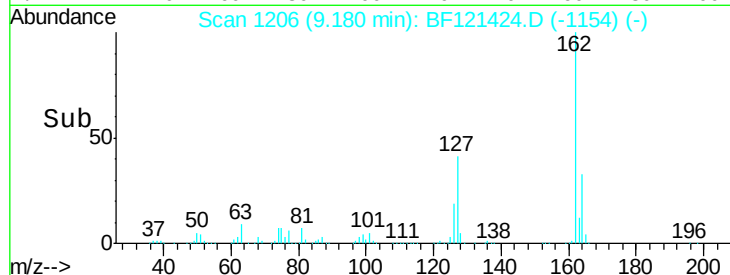
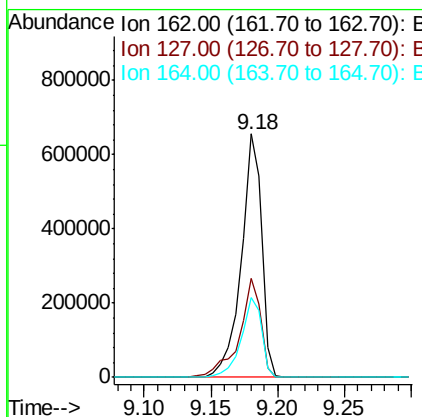
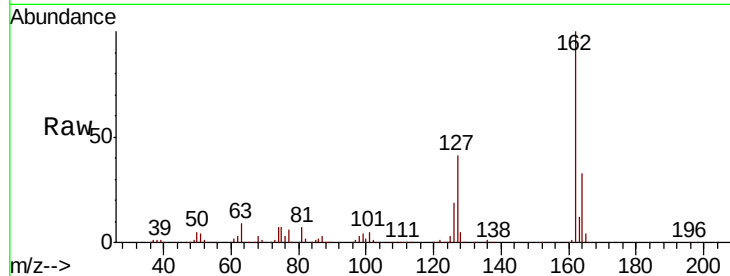
ClientSampled :

PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		690929		
127	40.9	33.1	49.7		
164	32.9	26.5	39.7		

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:25 PM



#48

2-Nitroaniline

Concen: 34.843 ng

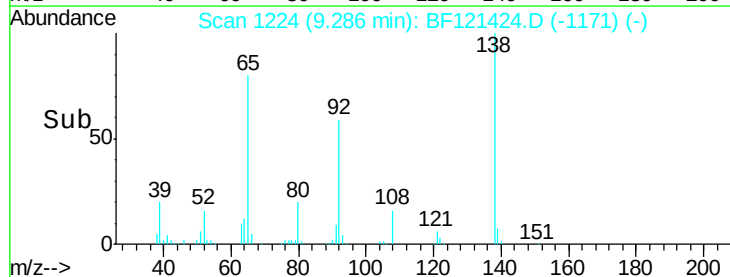
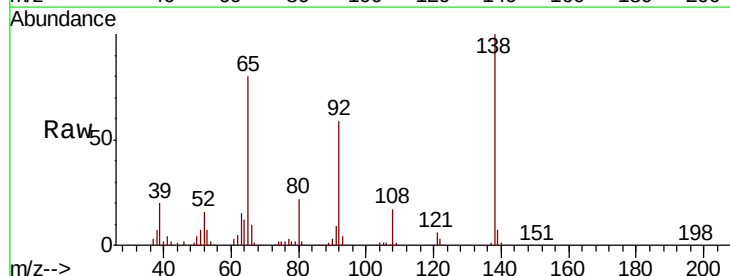
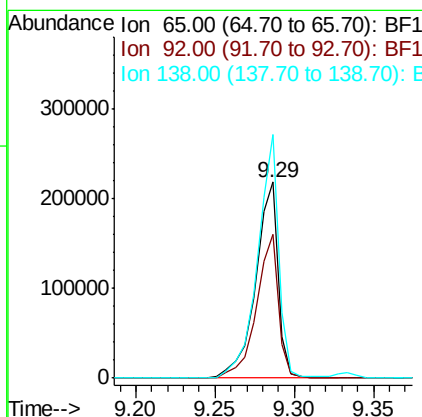
RT: 9.29 min Scan# 1224

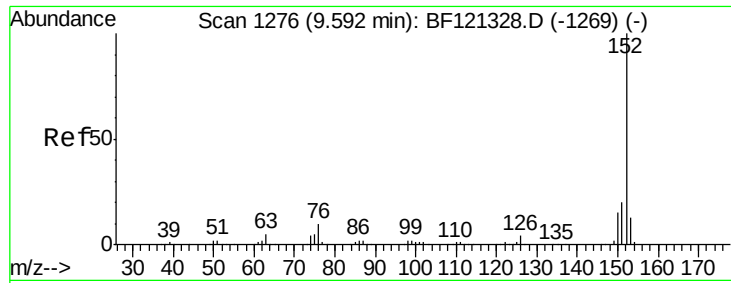
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		217125		
92	73.2	54.9	82.3		
138	124.4	89.5	134.3		





#49

Acenaphthylene

Concen: 37.286 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:152 Resp: 1096098

Ion Ratio Lower Upper

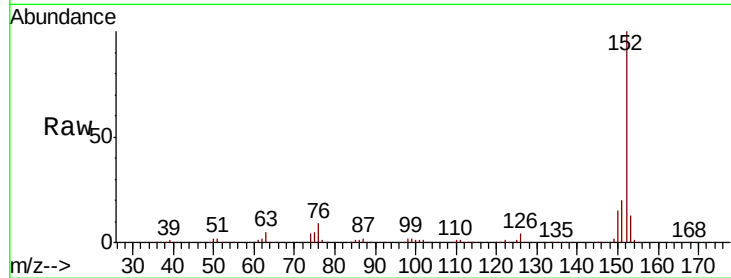
152 100

151 20.3 16.4 24.6

153 12.9 10.6 16.0

Manual Integrations
APPROVED

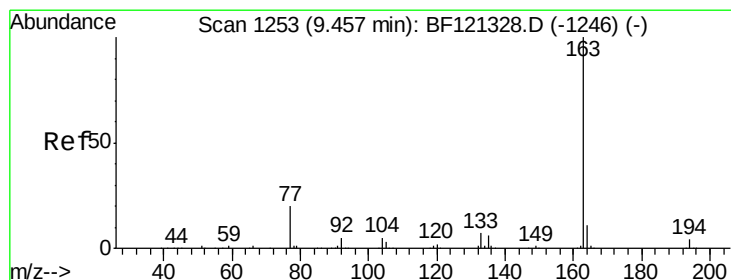
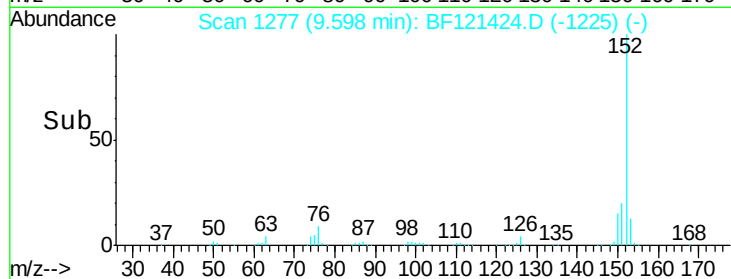
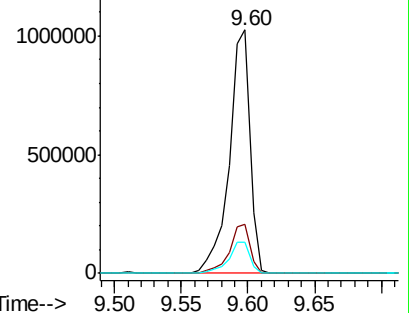
mohammad
8/26/2020 4:00:25 PM



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: 34.694 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

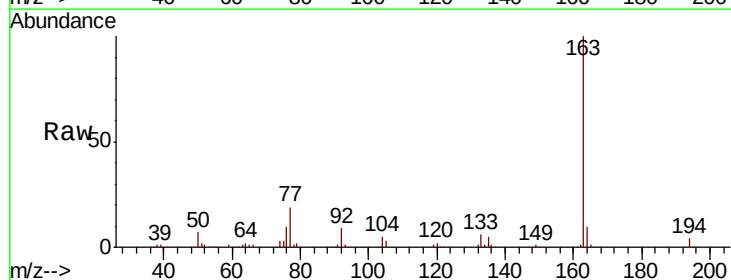
Tgt Ion:163 Resp: 808991

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

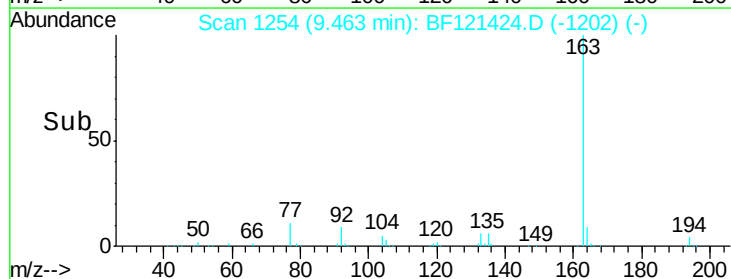
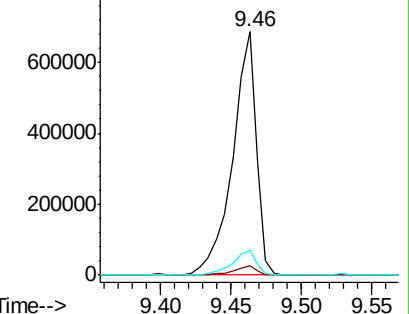
164 10.1 8.4 12.6

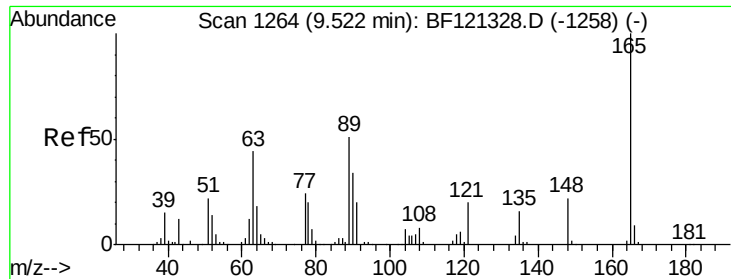


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





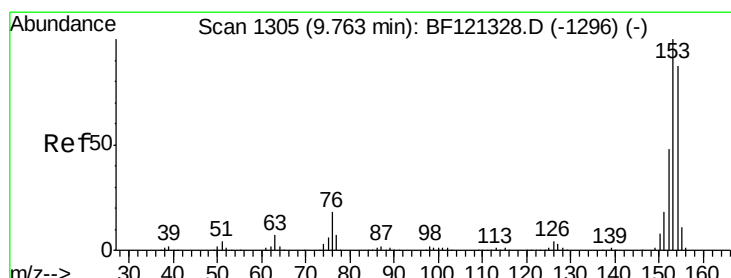
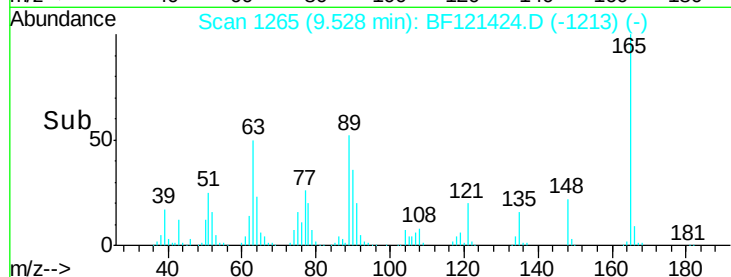
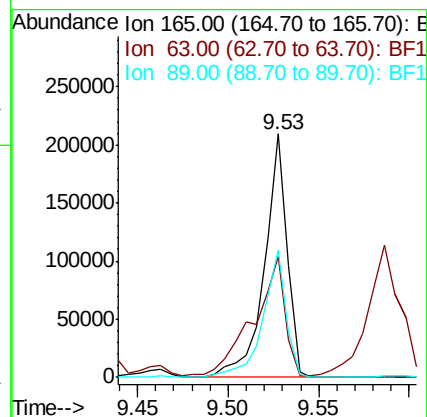
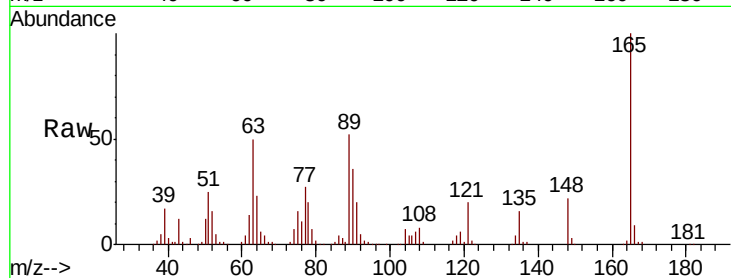
#51
 2,6-Dinitrotoluene
 Concen: 36.730 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		182915		
63	49.6	38.5	57.7		
89	52.4	41.2	61.8		

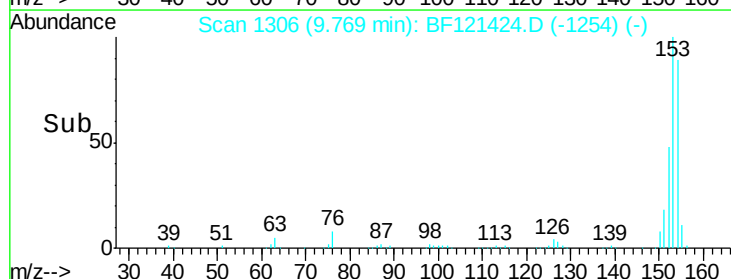
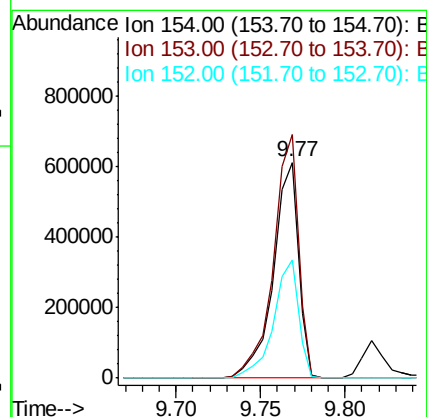
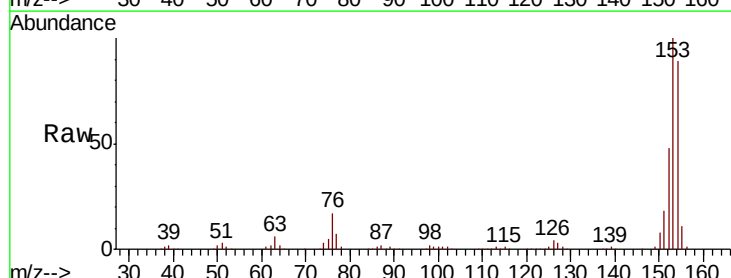
Manual Integrations
 APPROVED

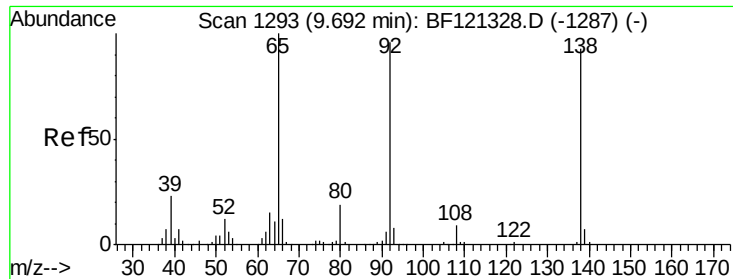
mohammad
 8/26/2020 4:00:25 PM



#52
 Acenaphthene
 Concen: 35.495 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		633999		
153	112.8	92.0	138.0		
152	54.7	44.6	66.8		





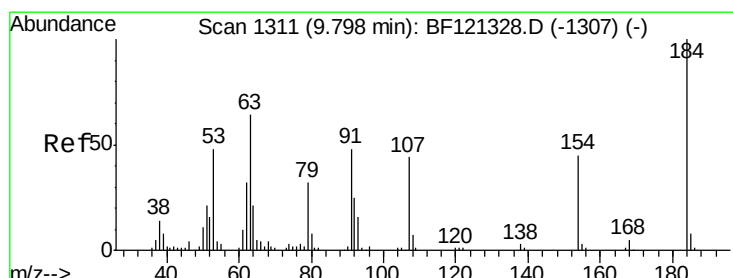
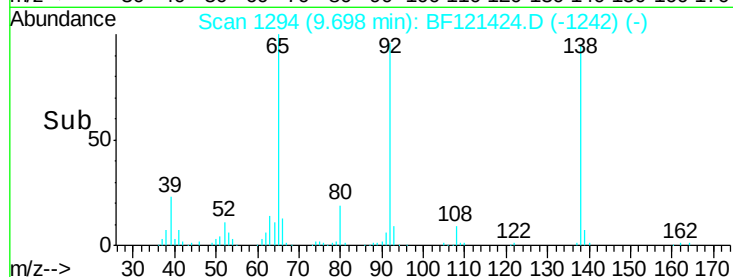
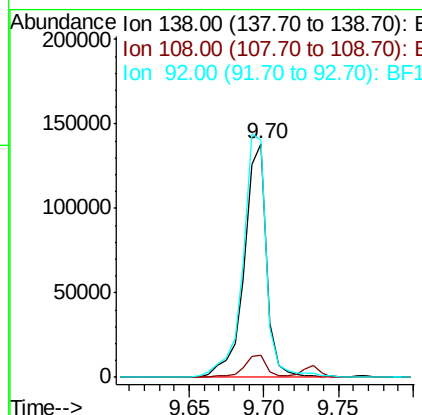
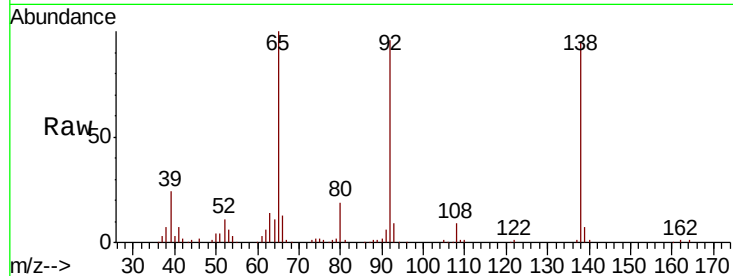
#53
3-Nitroaniline
Concen: 23.184 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	144429		
108	9.4	7.5	11.3	
92	101.3	83.0	124.4	

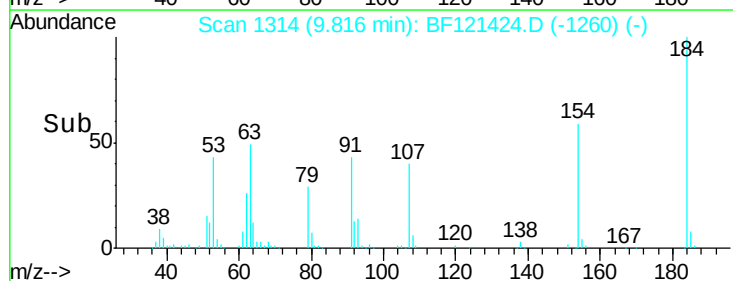
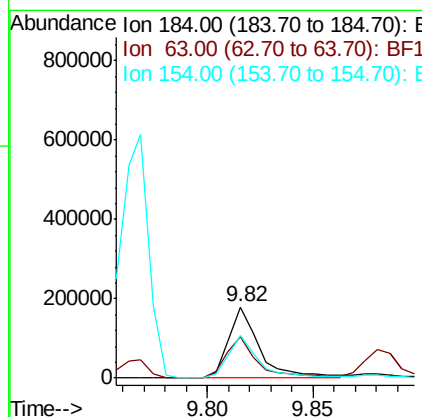
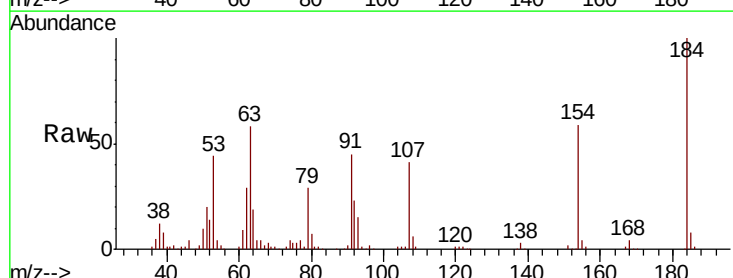
Manual Integrations
APPROVED

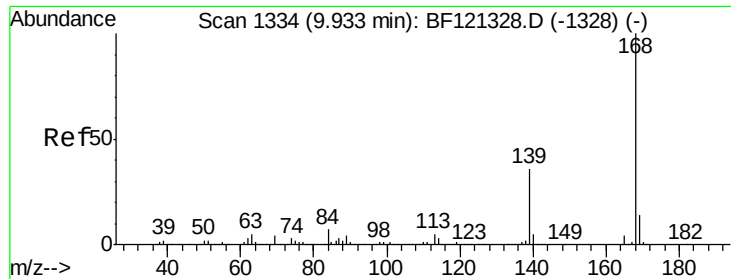
mohammad
8/26/2020 4:00:25 PM



#54
2,4-Dinitrophenol
Concen: 75.600 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	181505		
63	58.2	51.5	77.3	
154	59.3	48.0	72.0	





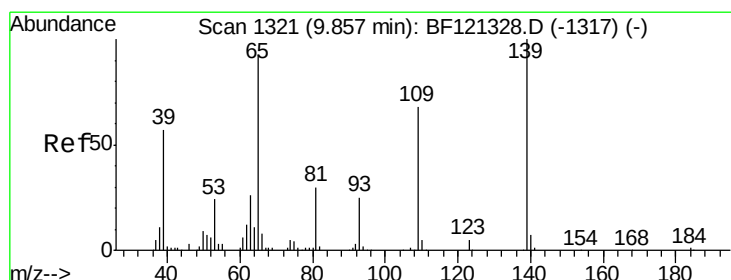
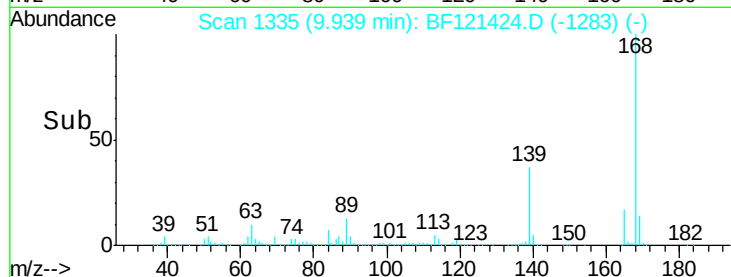
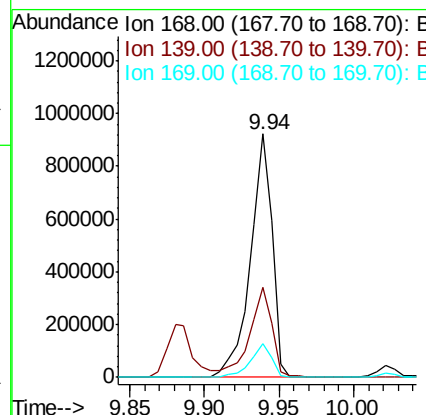
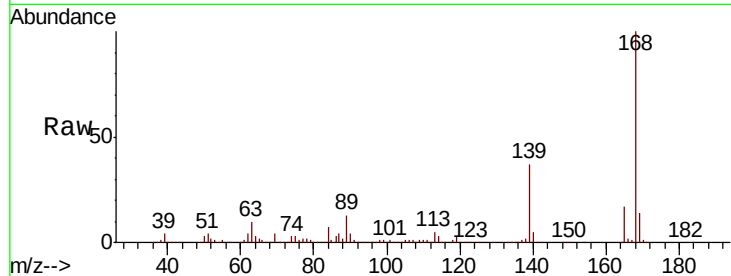
#55
Dibenzofuran
Concen: 39.792 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.1	43.7
169	13.6	11.0	16.6

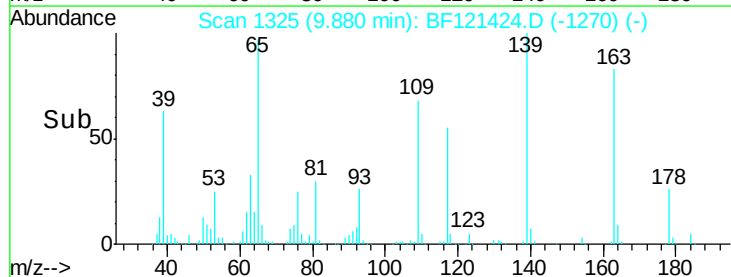
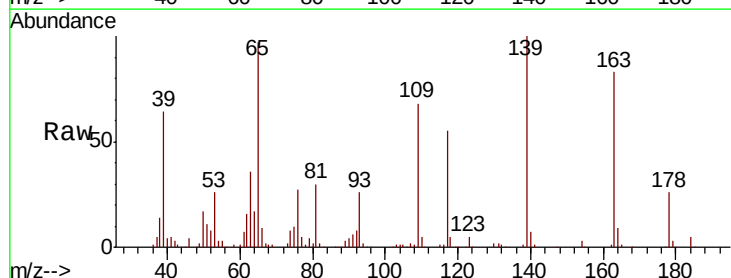
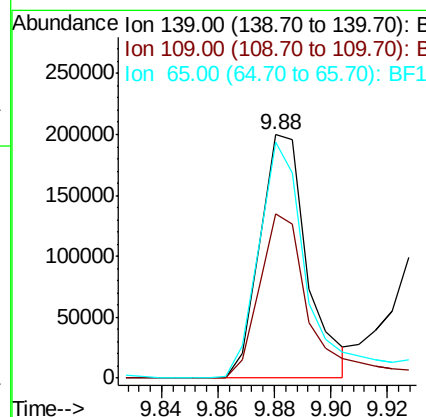
Manual Integrations
APPROVED

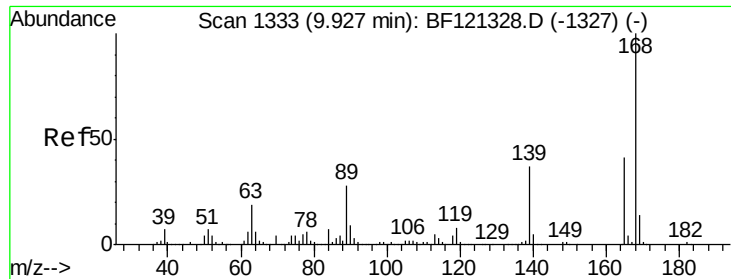
mohammad
8/26/2020 4:00:25 PM



#56
4-Nitrophenol
Concen: 60.667 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.6	47.7	87.7
65	96.7	73.2	113.2





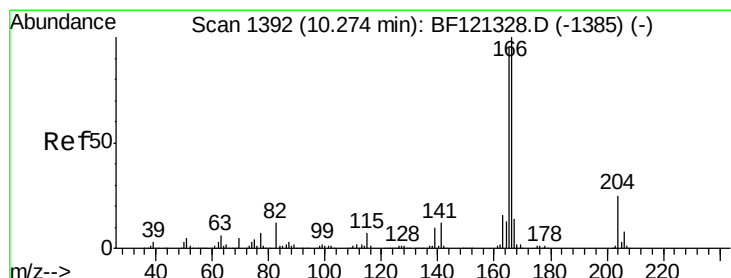
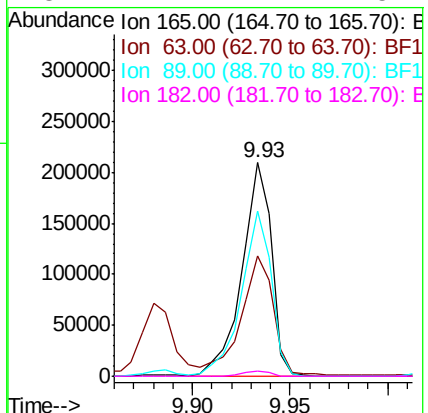
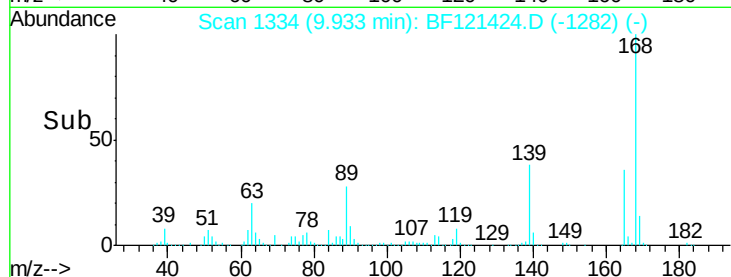
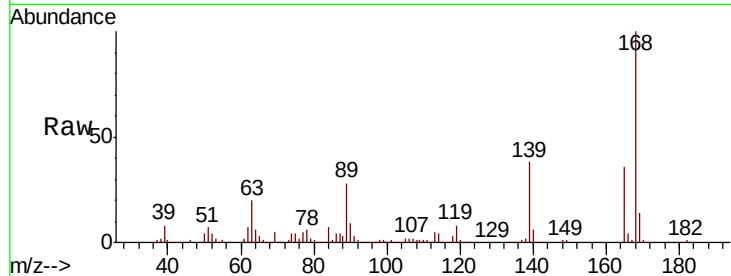
#57
2,4-Dinitrotoluene
Concen: 36.244 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.4	37.5	56.3#	
89	77.2	54.2	81.4	
182	2.4	2.2	3.4	

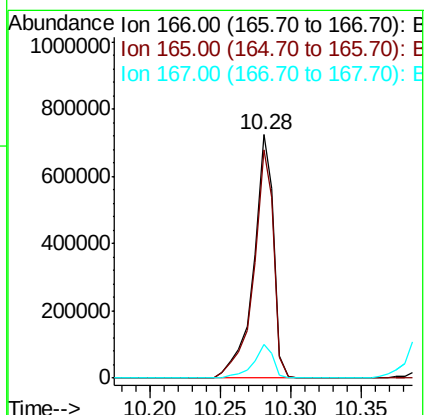
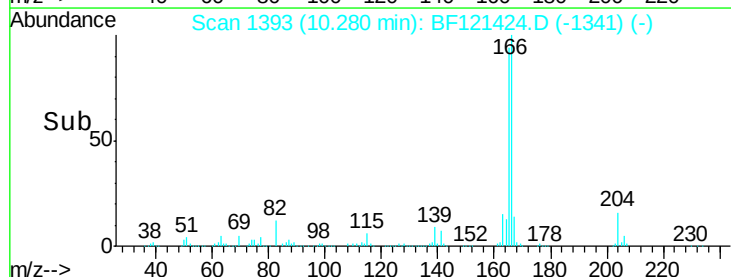
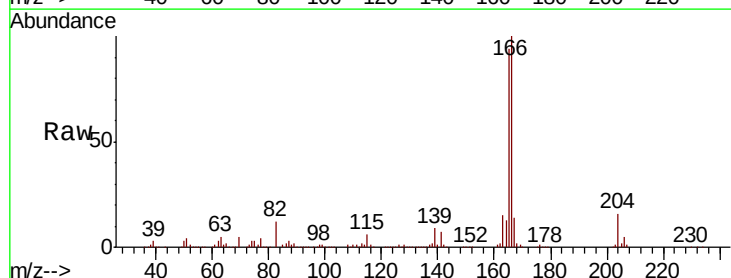
Manual Integrations
APPROVED

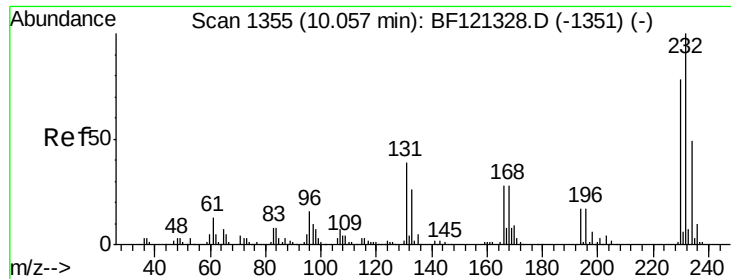
mohammad
8/26/2020 4:00:25 PM



#58
Fluorene
Concen: 42.549 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.7	75.8	113.8	
167	13.7	11.0	16.4	





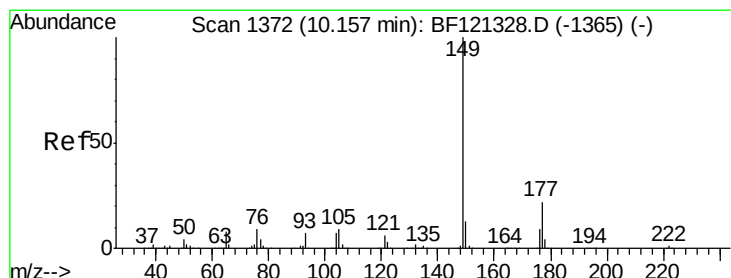
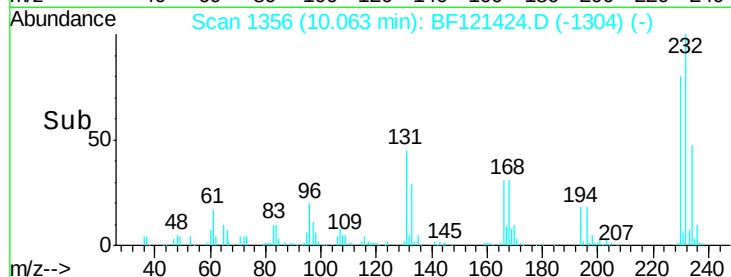
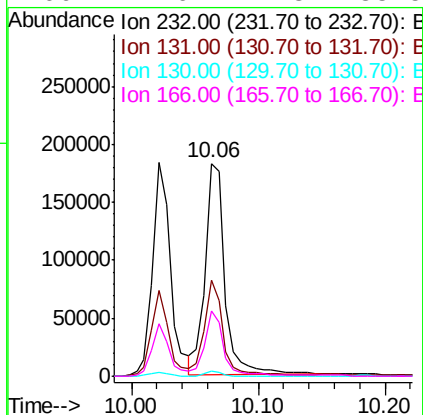
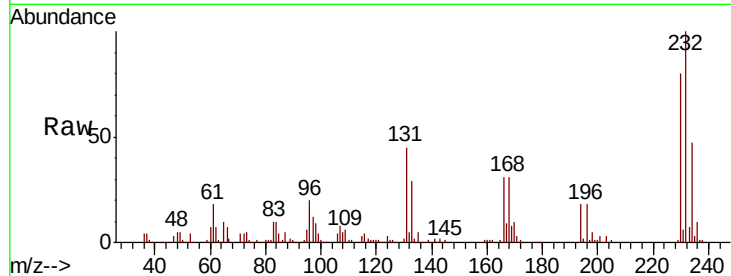
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.437 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	202687		
131	41.2		34.2	51.4
130	2.0		1.7	2.5
166	27.6		22.3	33.5

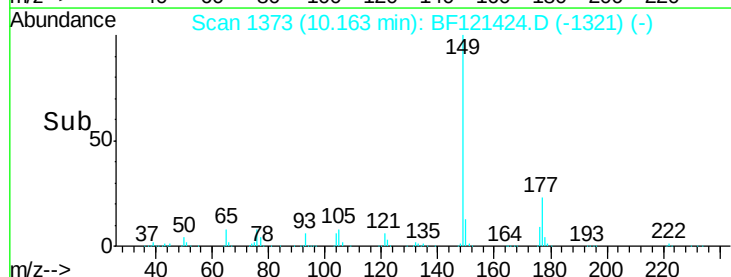
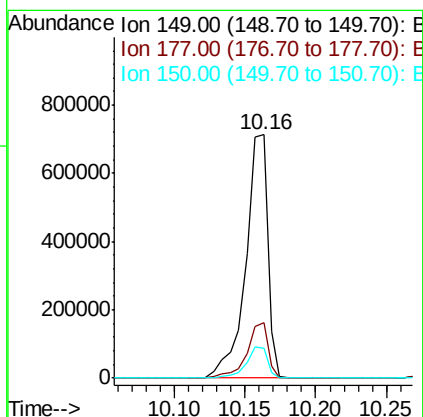
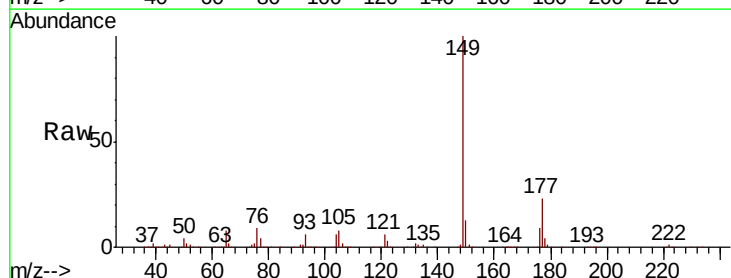
Manual Integrations
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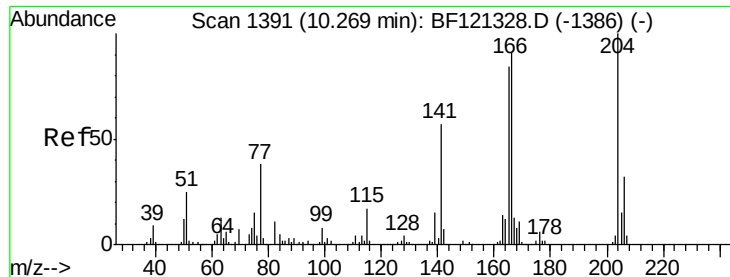
mohammad
 8/26/2020 4:00:25 PM



#60
 Diethylphthalate
 Concen: 34.510 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	785786		
177	22.5		17.6	26.4
150	12.5		10.1	15.1





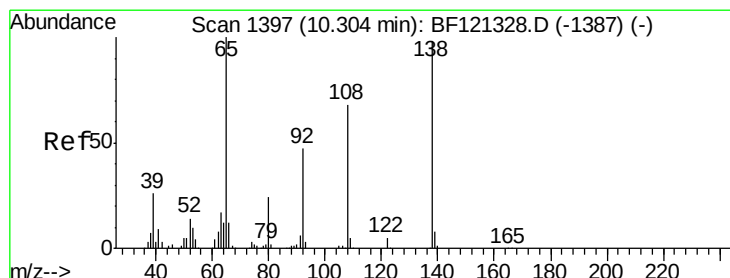
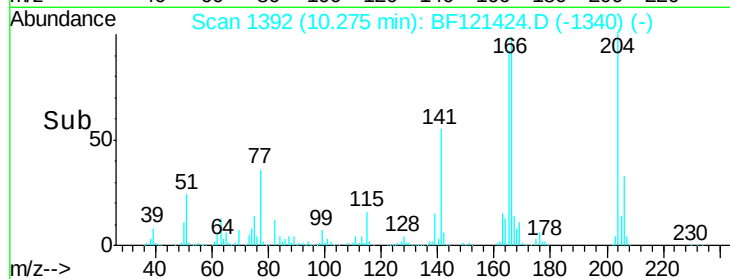
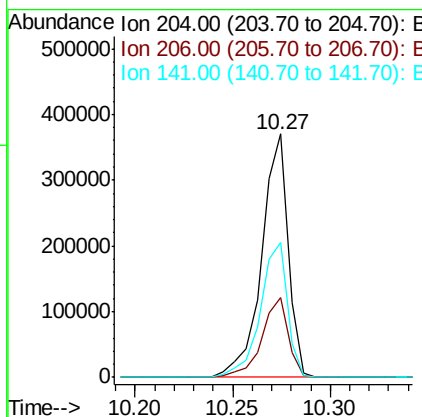
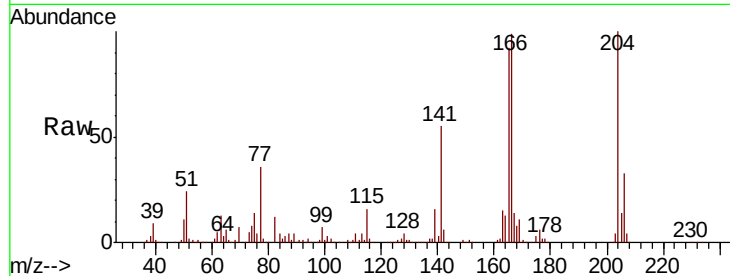
#61
 4-Chlorophenyl-phenylether
 Concen: 40.601 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampled :
 PB131184BS

Tot Ion:	204	Resp:	347992
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.9	38.9
141	55.4	45.5	68.3

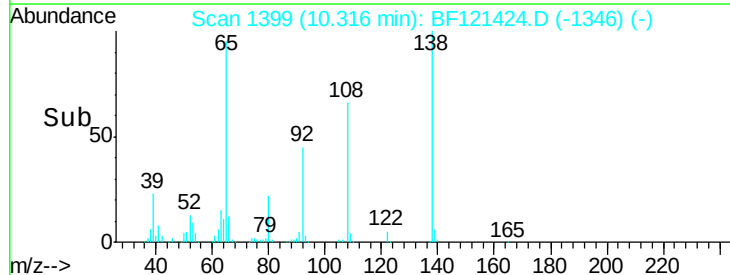
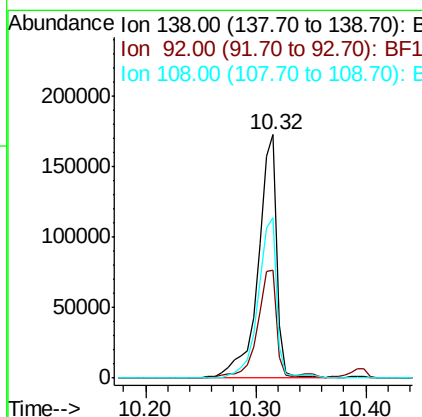
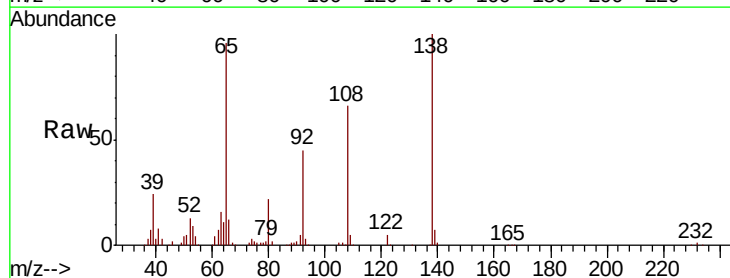
Manual Integrations
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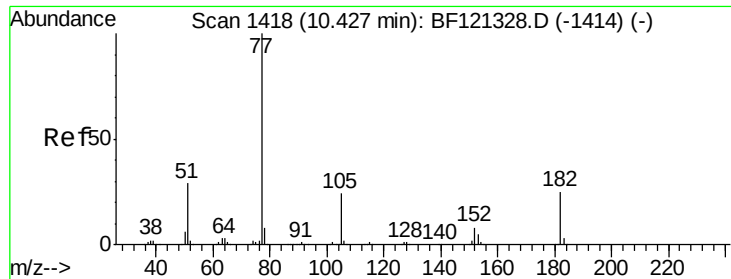
mohammad
 8/26/2020 4:00:25 PM



#62
 4-Nitroaniline
 Concen: 32.221 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:	138	Resp:	205674
Ion Ratio	Lower	Upper	
138	100		
92	44.6	28.1	68.1
108	65.9	49.5	89.5





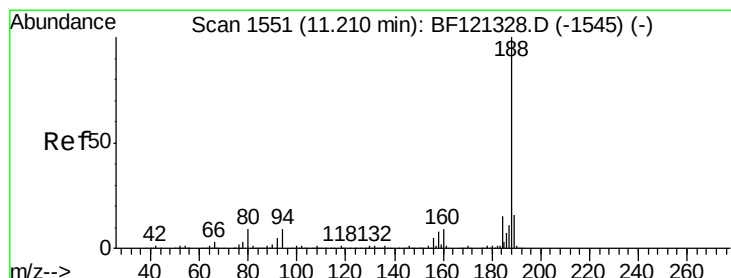
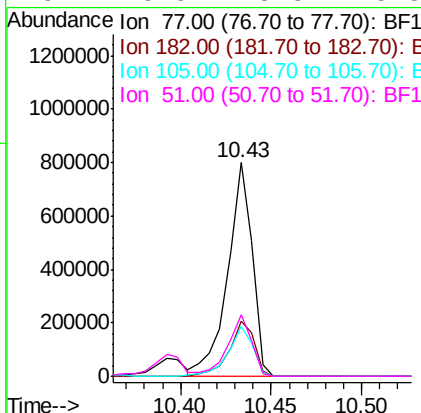
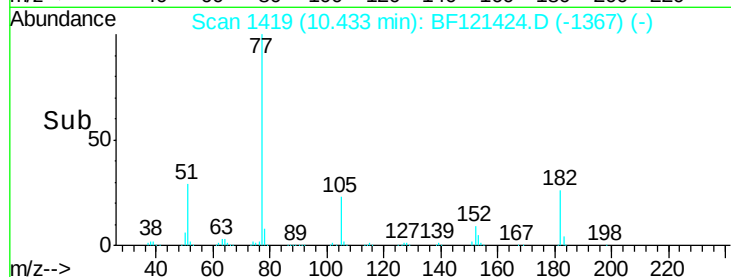
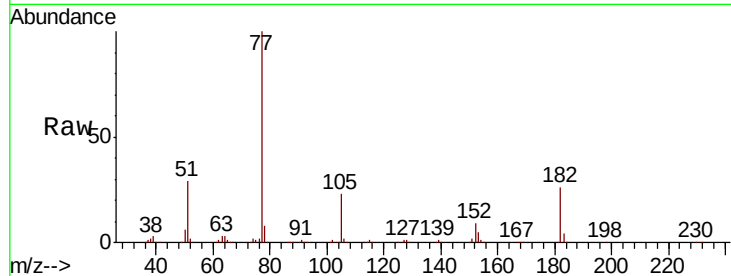
#63
Azobenzene
Concen: 35.613 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.0	45.0
105	23.4	3.6	43.6
51	28.9	8.8	48.8

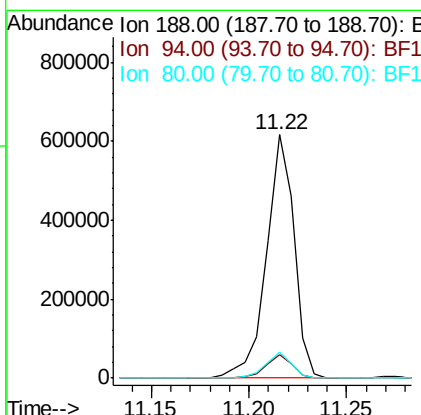
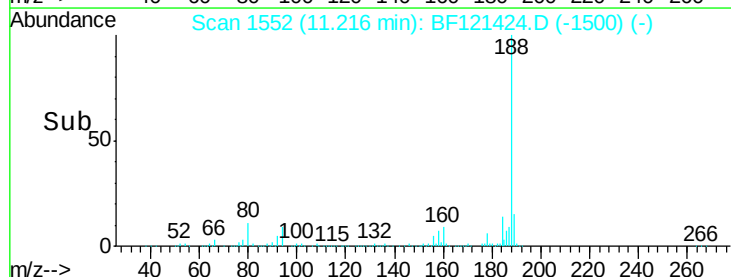
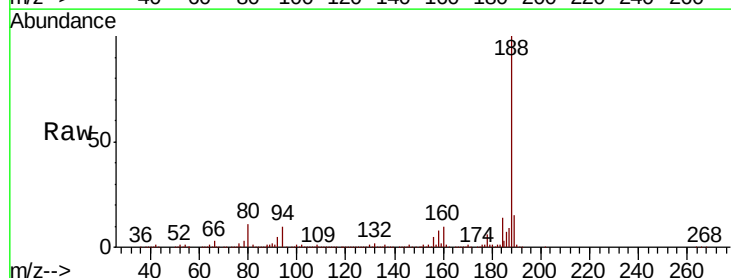
Manual Integrations
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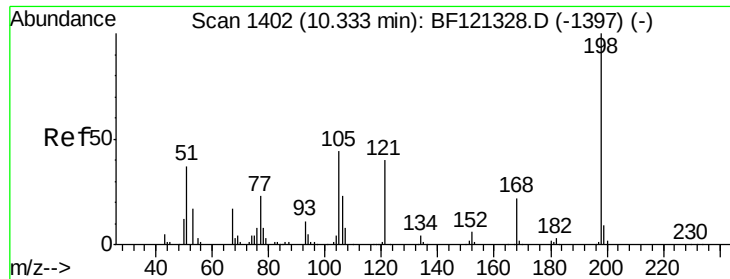
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.6	7.4	11.0





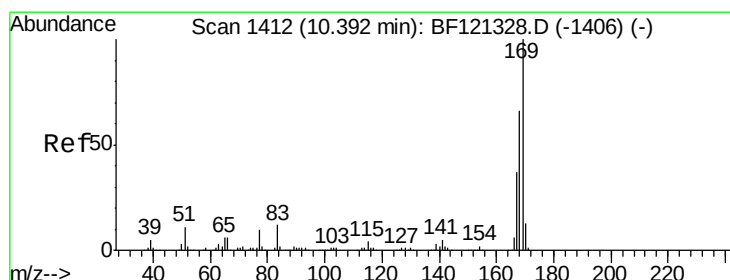
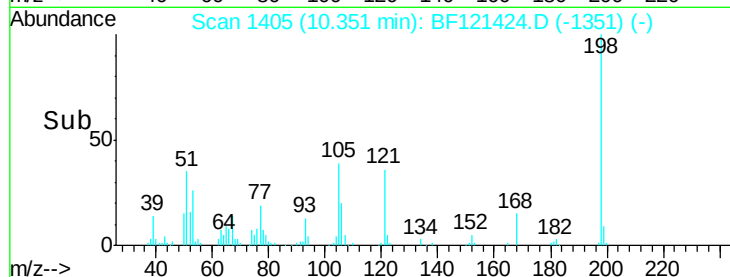
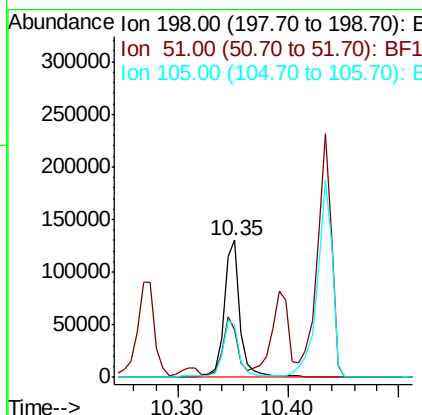
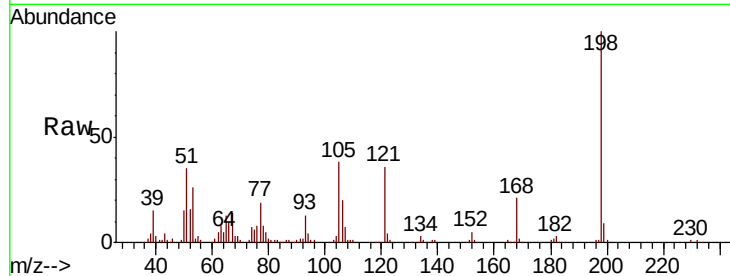
#65
4,6-Dinitro-2-methylphenol
Concen: 40.809 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132213		
51	35.1	25.5	65.5	
105	38.3	24.9	64.9	

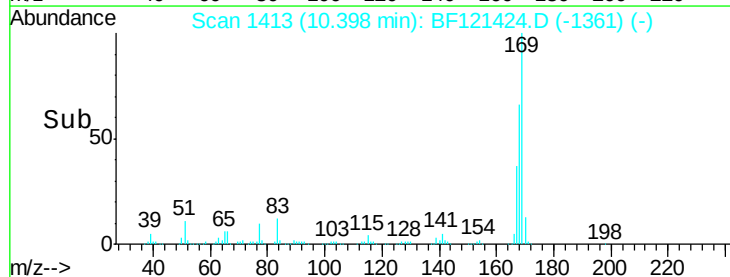
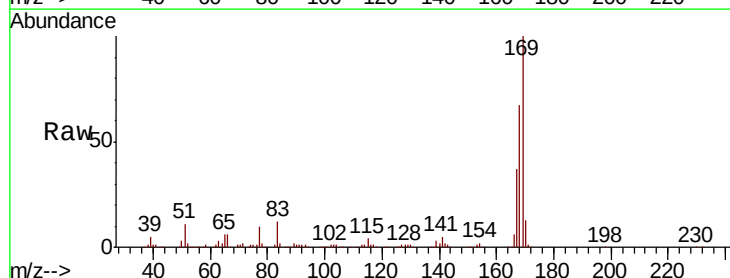
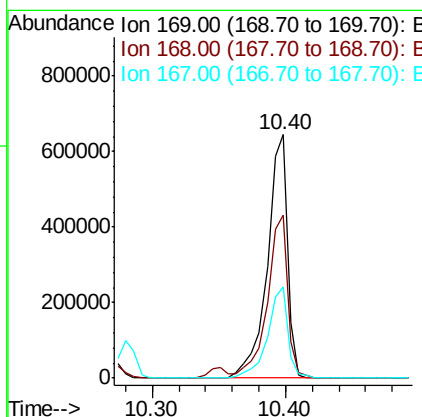
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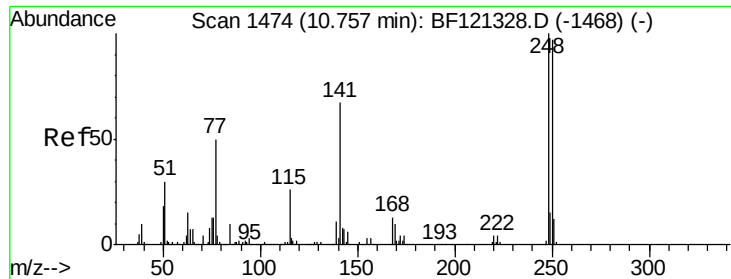
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.536 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	682722		
168	66.8	53.0	79.6	
167	37.3	29.5	44.3	





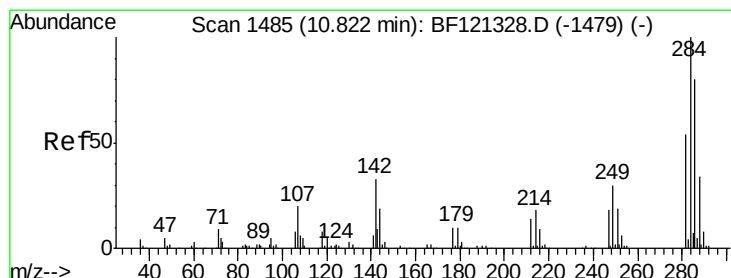
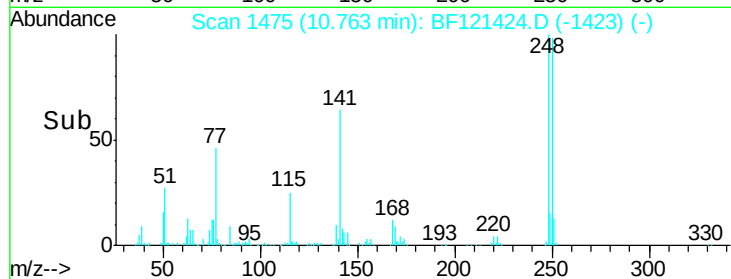
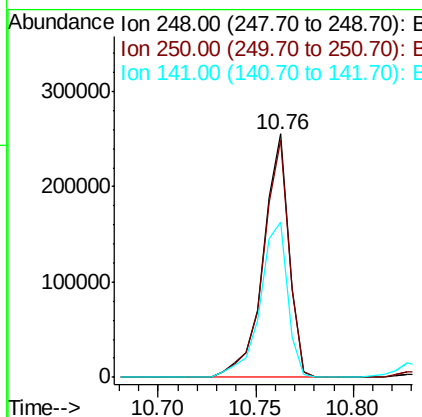
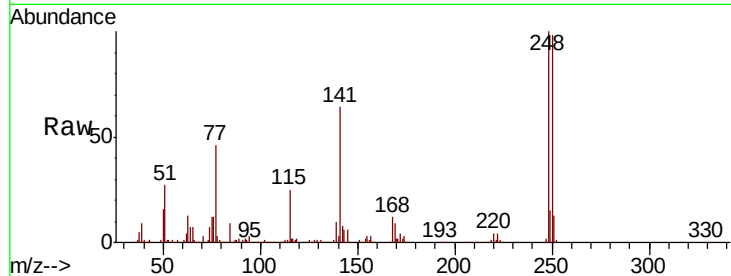
#67
 4-Bromophenyl-phenylether
 Concen: 34.713 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion:	248	Resp:	233273
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.9	116.9
141	63.6	53.5	80.3

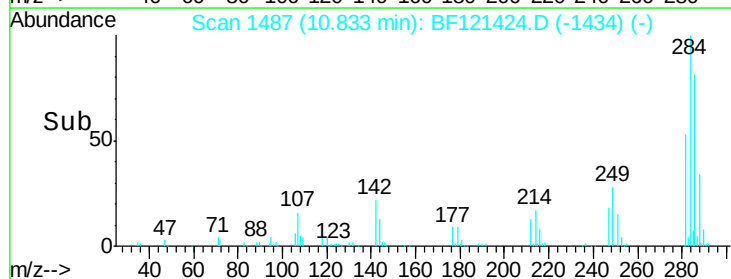
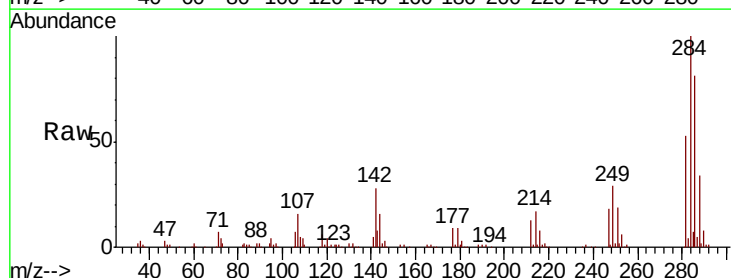
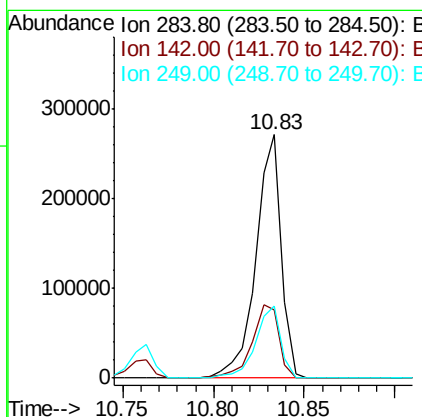
Manual Integrations
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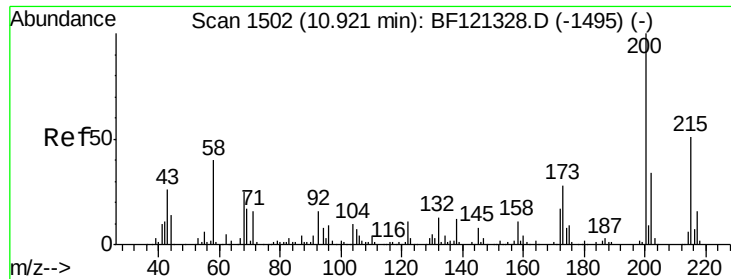
mohammad
 8/26/2020 4:00:25 PM



#68
 Hexachlorobenzene
 Concen: 34.023 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion:	284	Resp:	263546
Ion Ratio	Lower	Upper	
284	100		
142	28.0	26.1	39.1
249	29.5	24.0	36.0





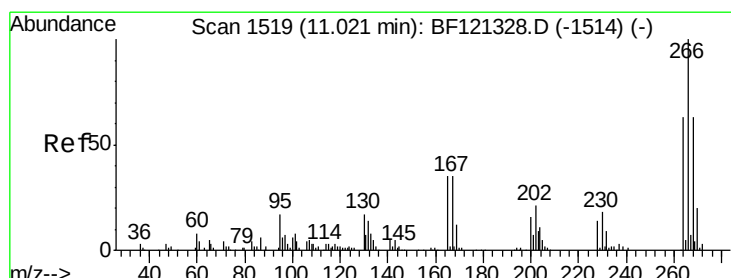
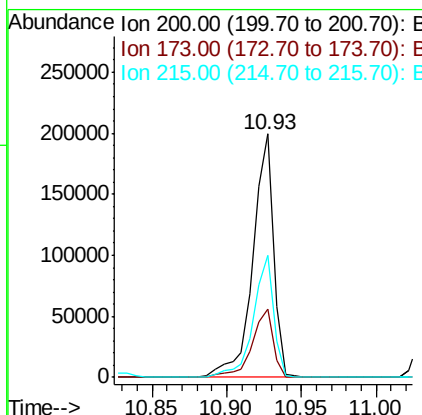
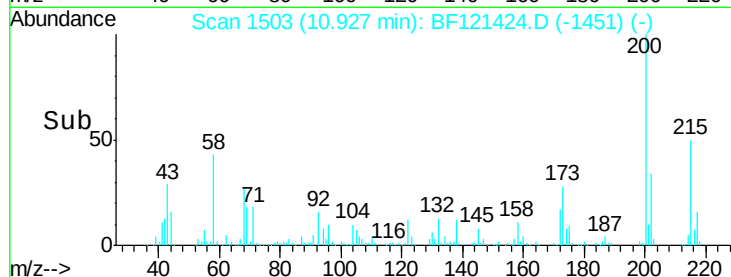
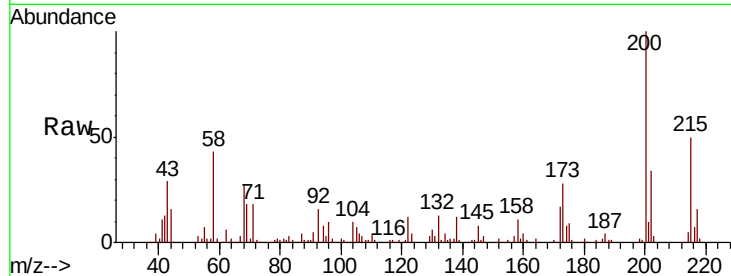
#69
Atrazine
Concen: 32.867 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampled :
PB131184BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	7.8	47.8
215	50.3	30.5	70.5

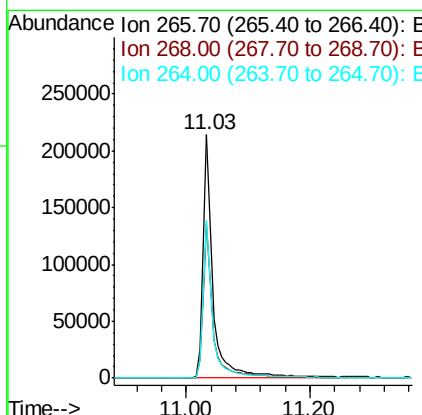
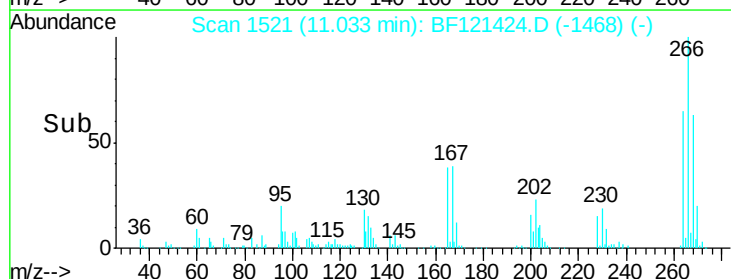
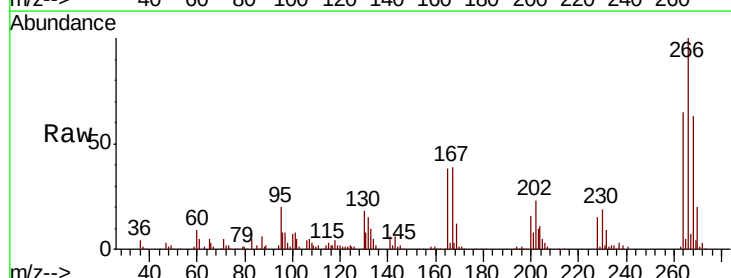
Manual Integrations
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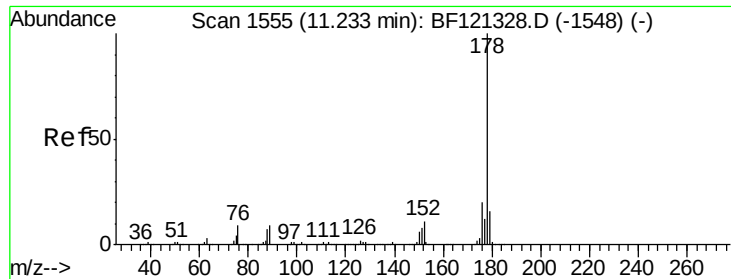
mohammad
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#70
Pentachlorophenol
Concen: 74.321 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	50.6	75.8
264	64.8	50.5	75.7





#71

Phenanthrene

Concen: 34.022 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:178 Resp: 1066719

Ion Ratio Lower Upper

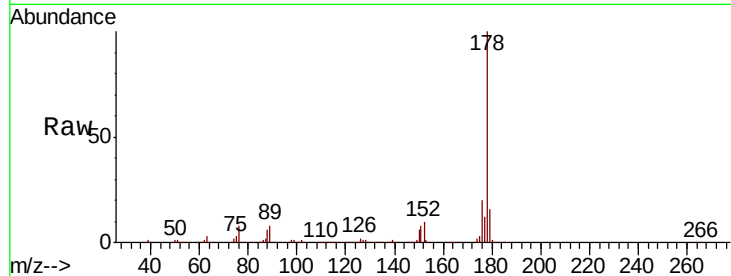
178 100

176 20.1 16.0 24.0

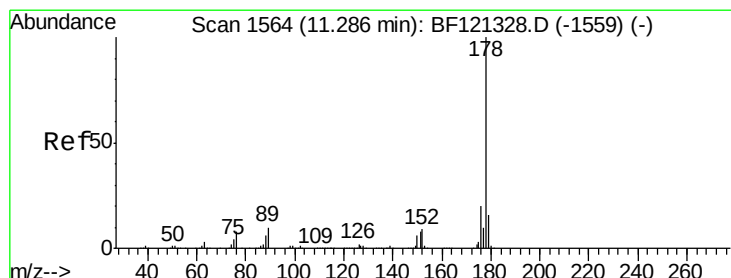
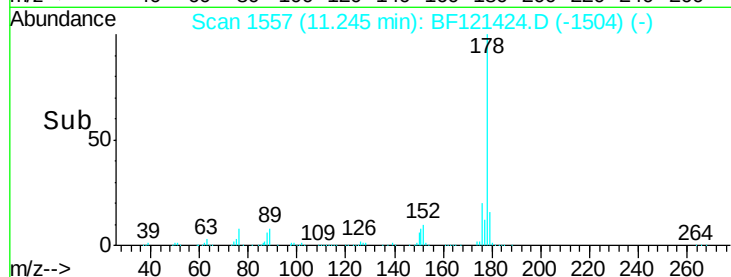
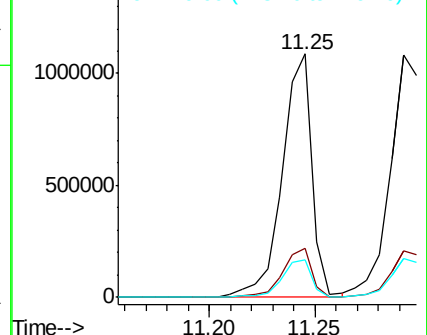
179 15.6 12.8 19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.036 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:178 Resp: 1118224

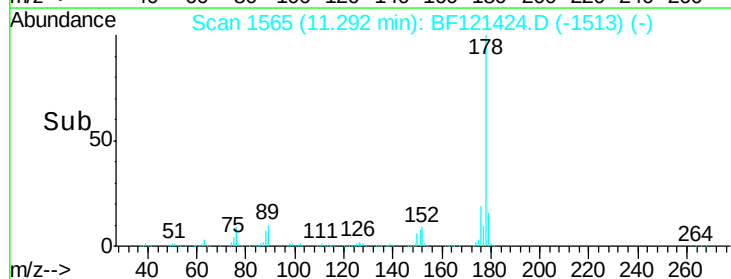
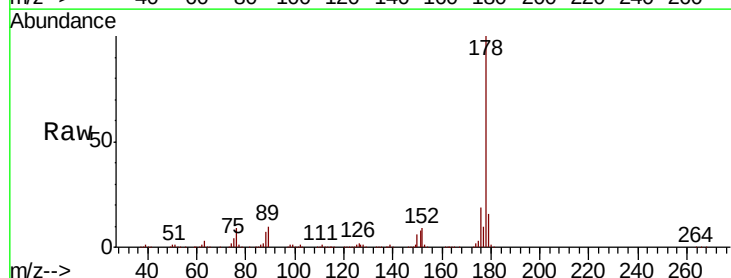
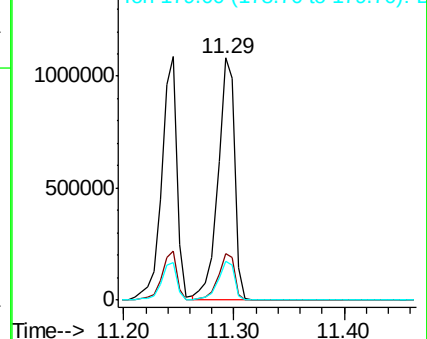
Ion Ratio Lower Upper

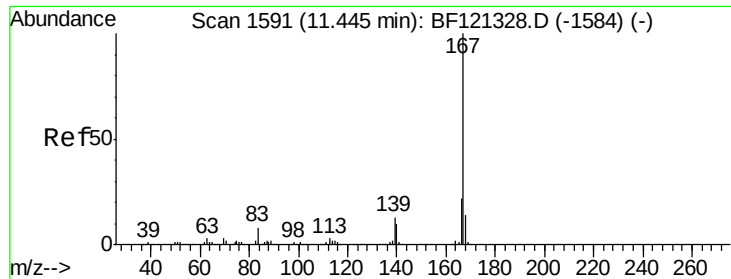
178 100

176 19.2 15.6 23.4

179 16.0 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





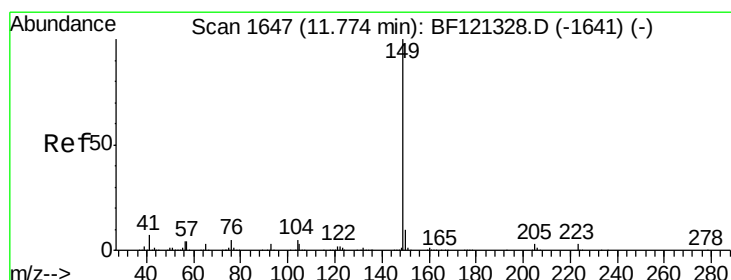
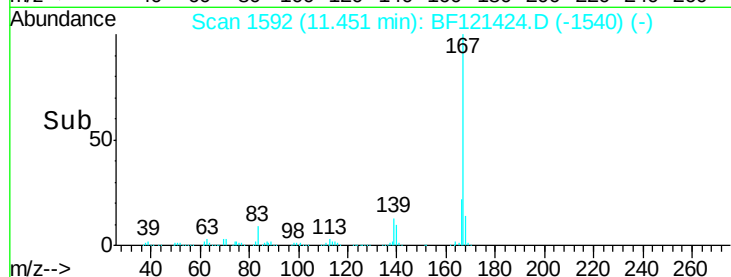
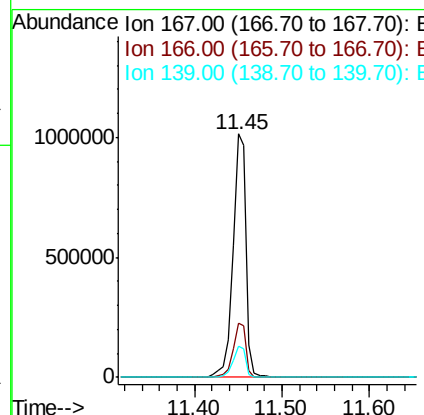
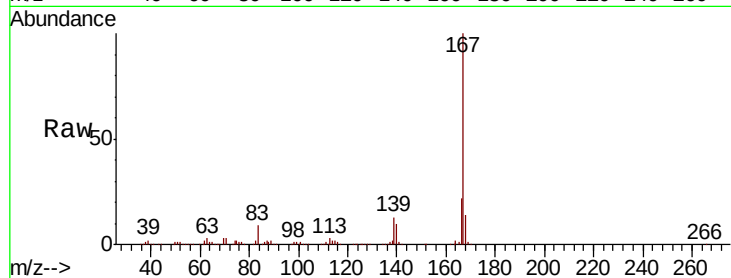
#73
 Carbazole
 Concen: 36.339 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.8	10.2	15.2

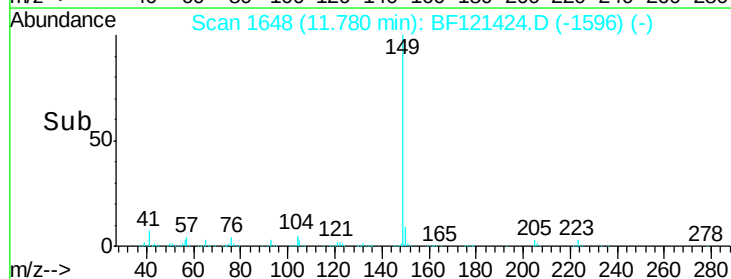
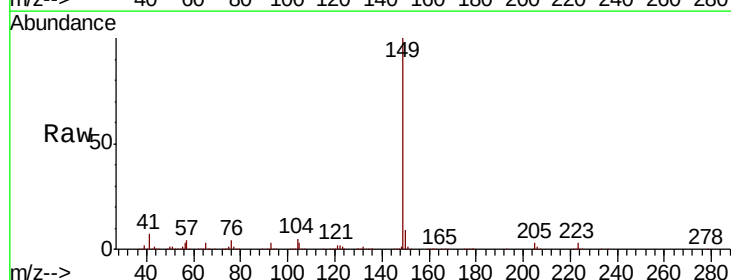
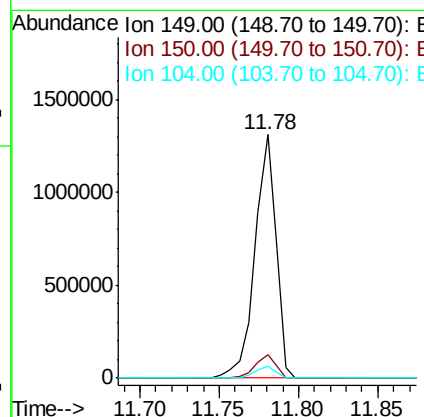
Manual Integrations
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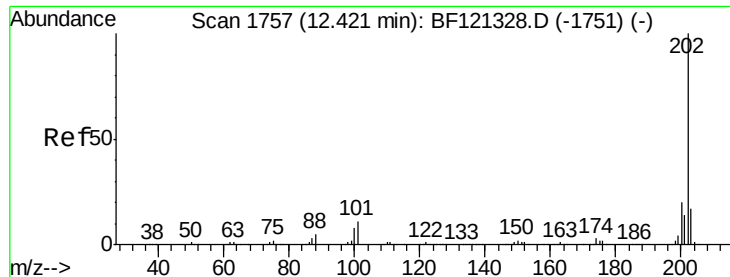
mohammad
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#74
 Di-n-butylphthalate
 Concen: 34.709 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.7	3.9	5.9





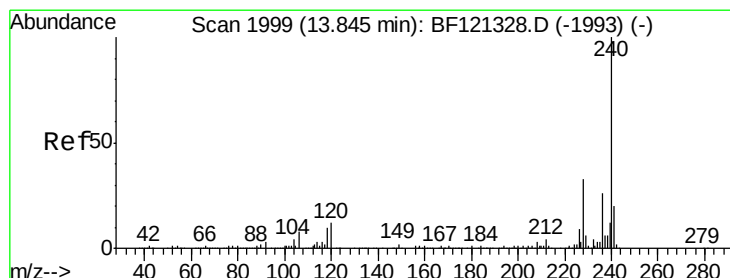
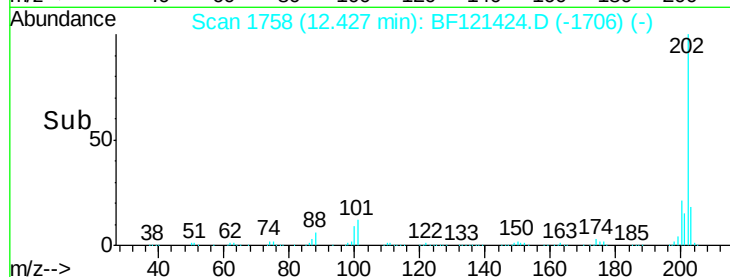
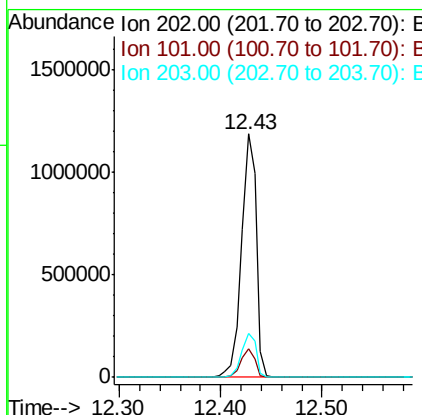
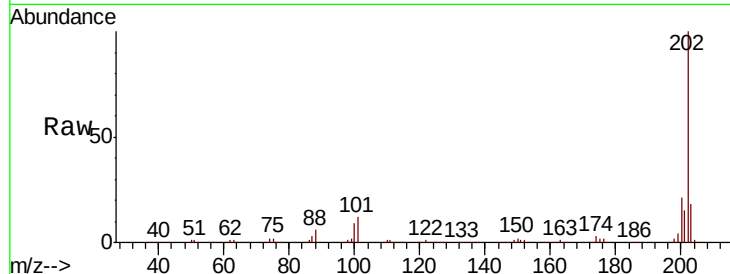
#75
Fluoranthene
Concen: 35.141 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1195907		
101	11.8	0.0	30.6	
203	18.2	0.0	37.5	

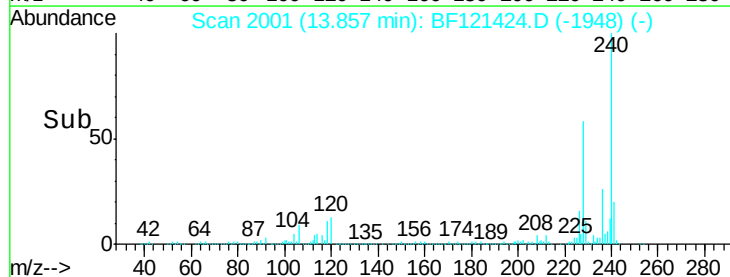
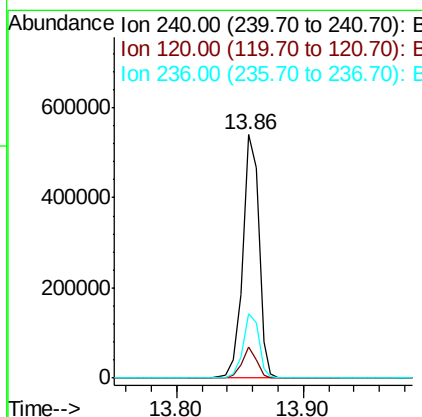
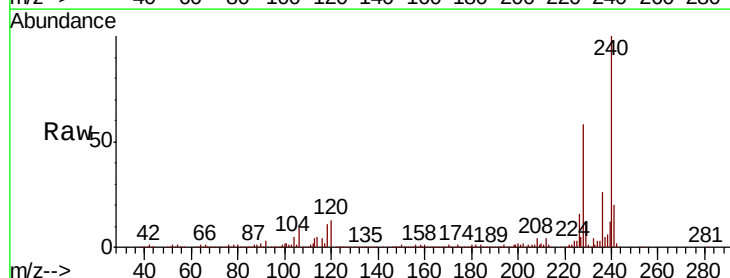
Manual Integrations
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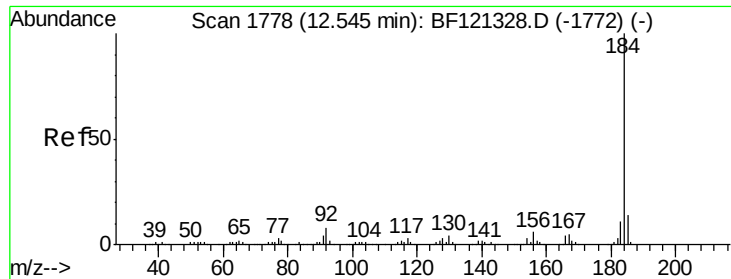
mohammad
8/26/2020 4:00:25 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	473330		
120	12.8	9.6	14.4	
236	26.3	20.6	31.0	





#77

Benzidine

Concen: 51.399 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

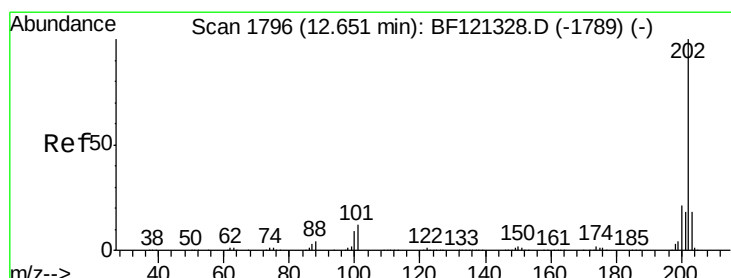
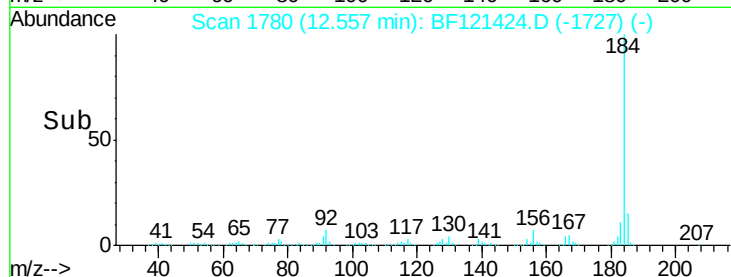
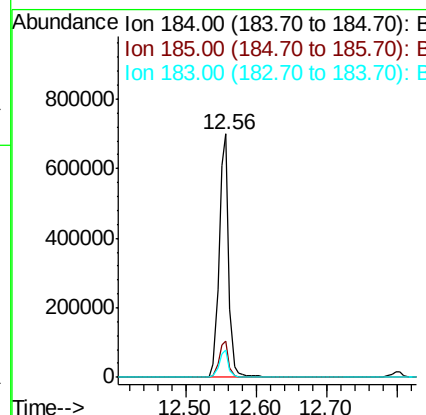
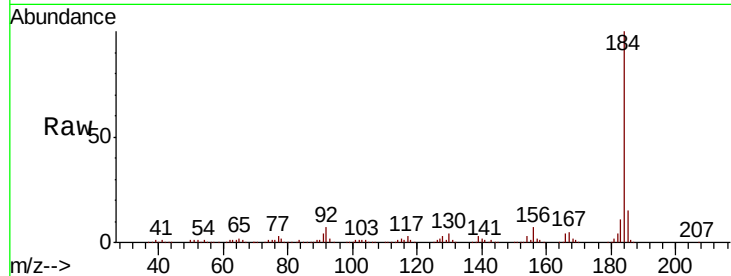
ClientSampleId :

PB131184BS

Tot Ion:	184	Resp:	670272
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.6	17.4
183	11.1	8.7	13.1

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#78

Pyrene

Concen: 34.157 ng

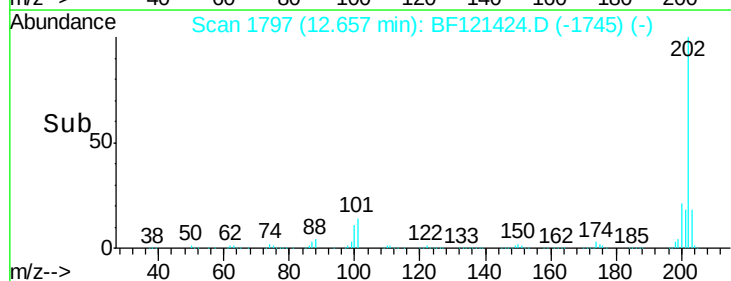
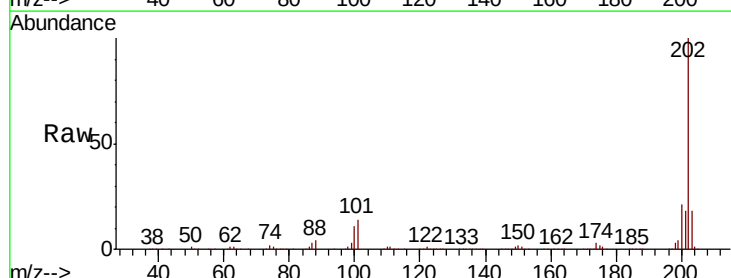
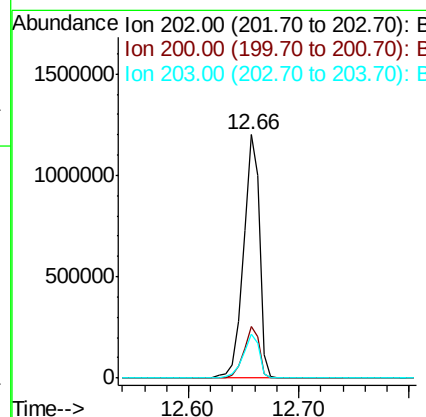
RT: 12.66 min Scan# 1797

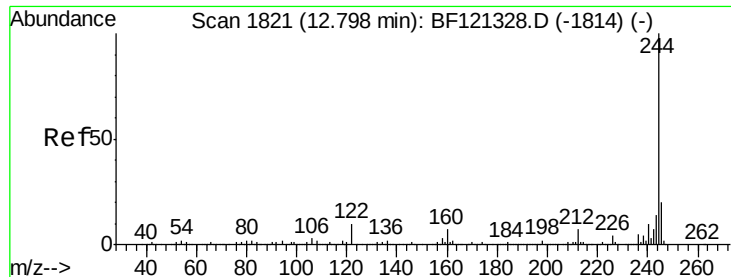
Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Tgt Ion:	202	Resp:	1214456
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	18.1	14.2	21.2





#79

Terphenyl-d14

Concen: 59.792 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:244 Resp: 1448265

Ion Ratio Lower Upper

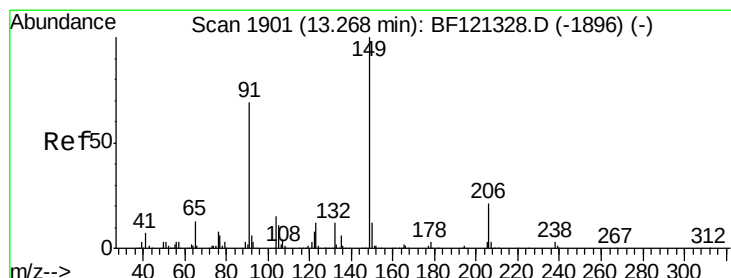
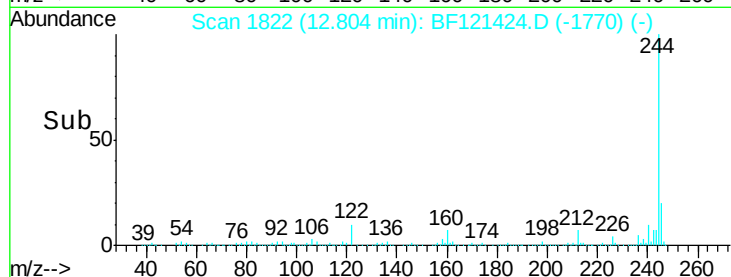
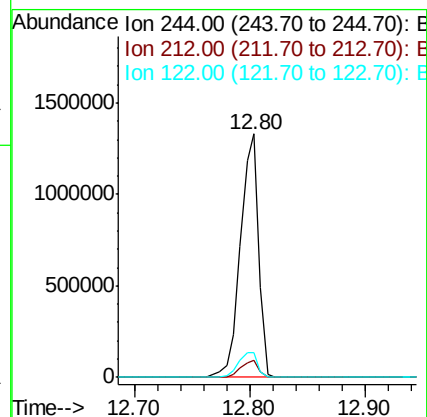
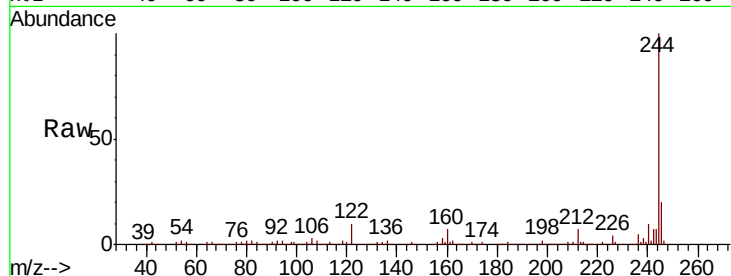
244 100

212 6.8 5.4 8.0

122 10.1 7.8 11.8

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#80

Butylbenzylphthalate

Concen: 33.872 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

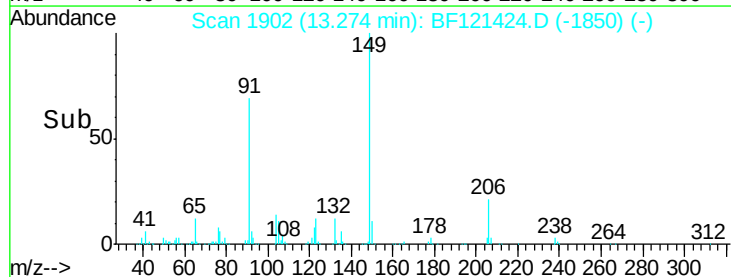
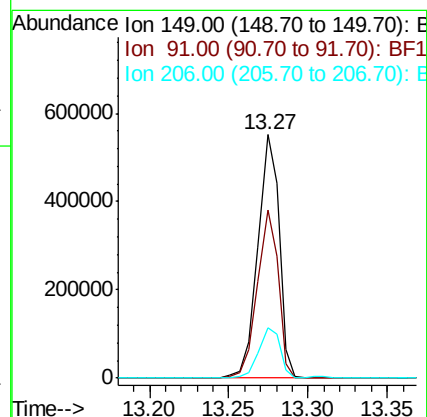
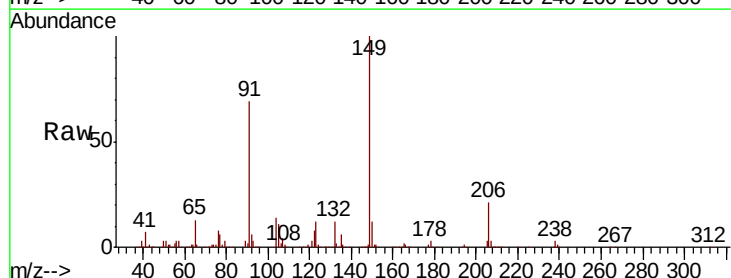
Tgt Ion:149 Resp: 517496

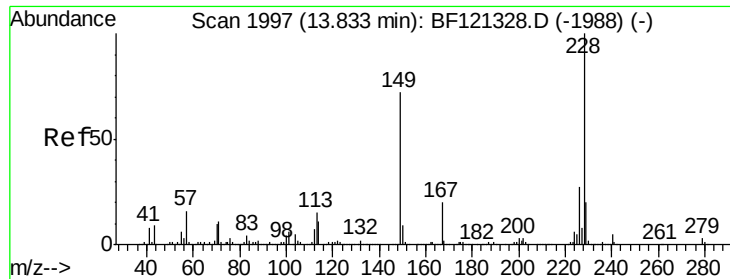
Ion Ratio Lower Upper

149 100

91 69.2 55.2 82.8

206 20.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 34.738 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131184BS

Tot Ion:228 Resp: 1021274

Ion Ratio Lower Upper

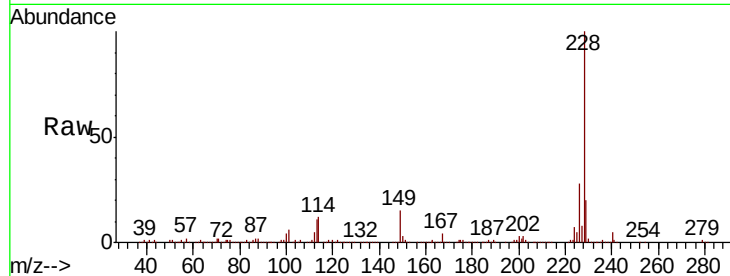
228 100

226 28.0 21.8 32.6

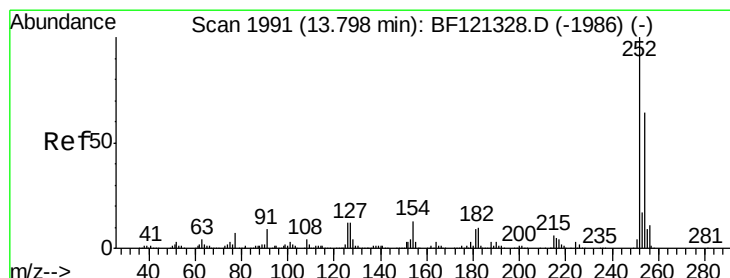
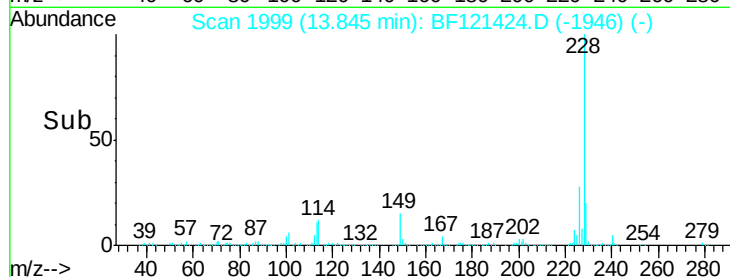
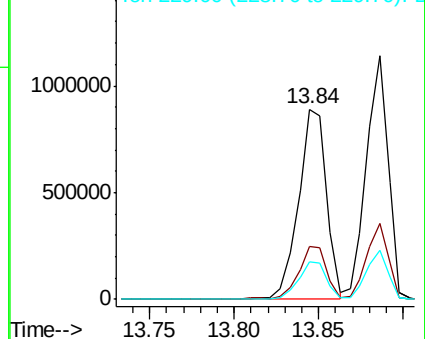
229 20.0 15.8 23.8

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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: 27.406 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121424.D

Acq: 25 Aug 2020 13:13

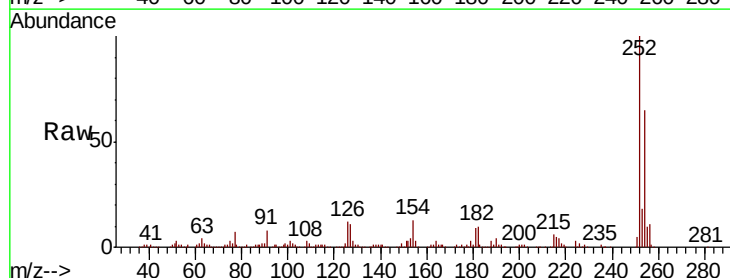
Tgt Ion:252 Resp: 309355

Ion Ratio Lower Upper

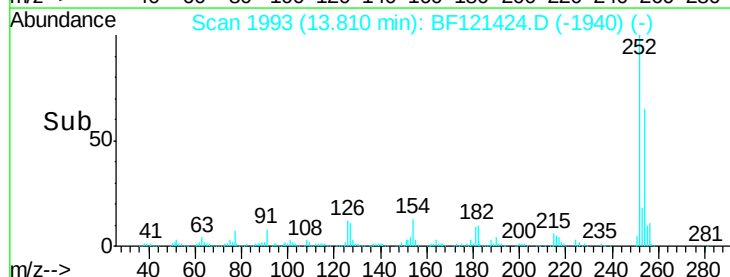
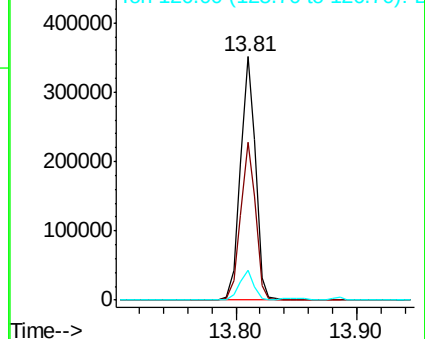
252 100

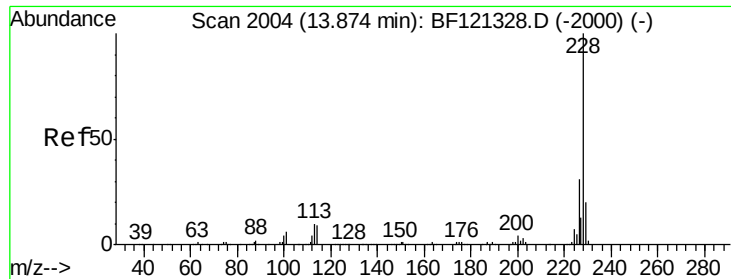
254 64.8 51.5 77.3

126 12.3 9.8 14.8



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





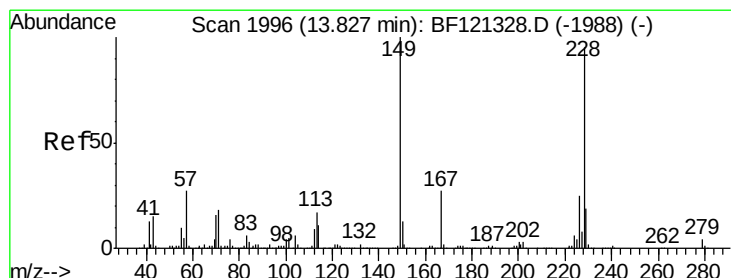
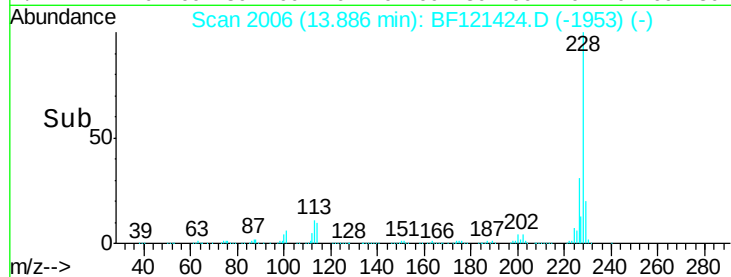
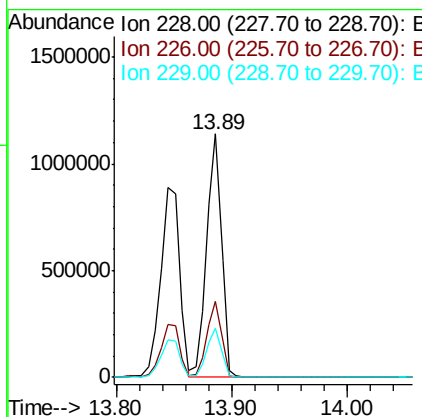
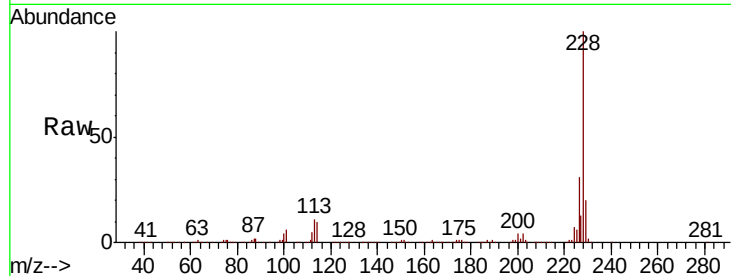
#83
Chrysene
Concen: 34.076 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion:228 Resp: 1024586
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 20.1 15.9 23.9

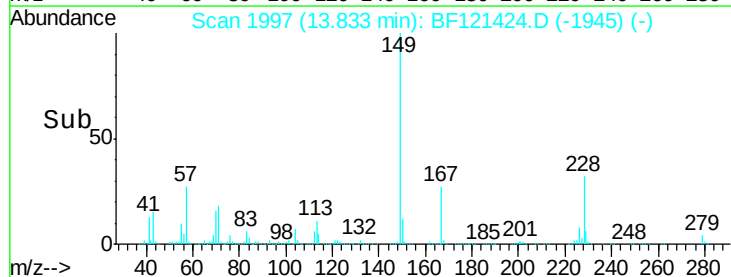
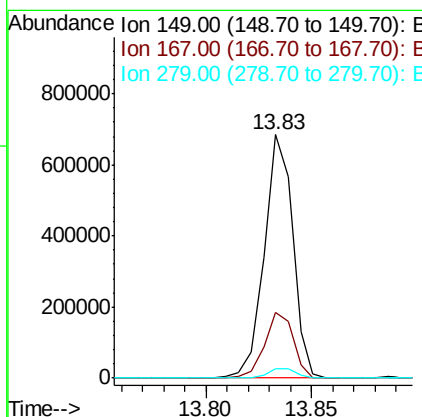
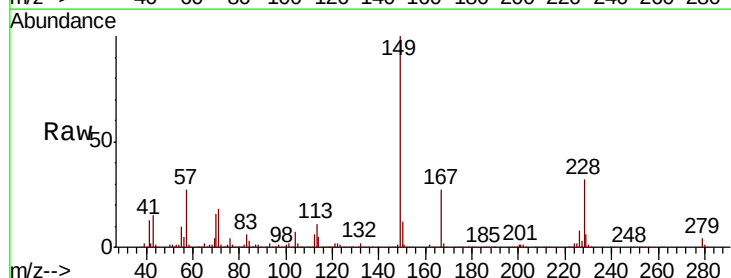
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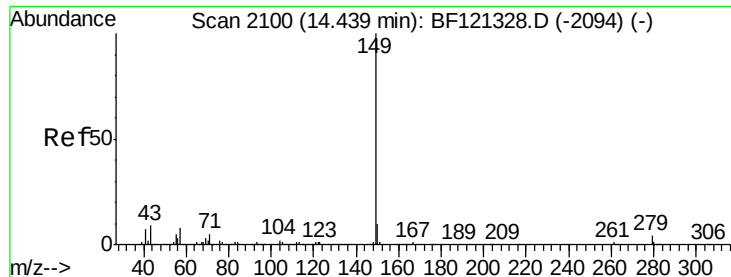
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.996 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion:149 Resp: 646725
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 3.9 2.9 4.3





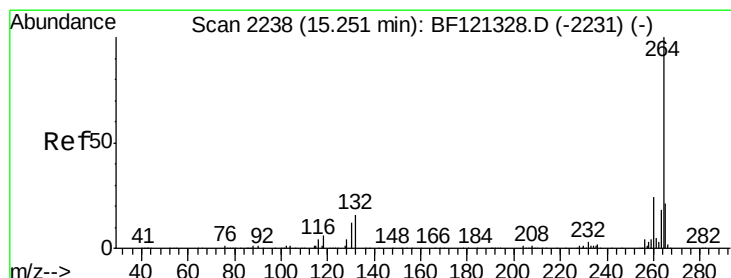
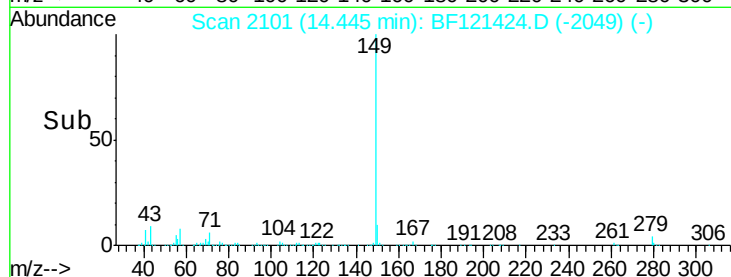
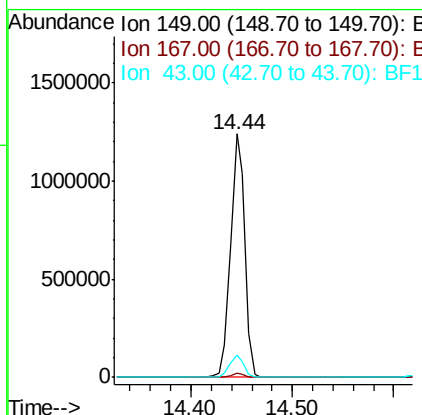
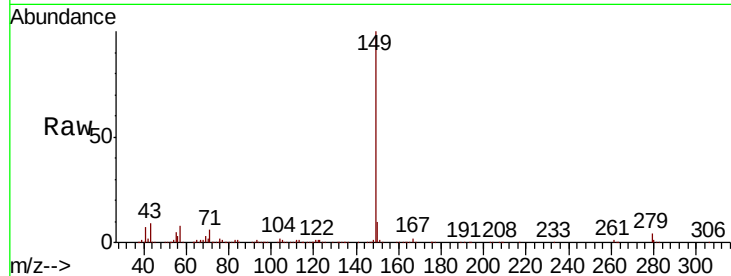
#85
Di-n-octyl phthalate
Concen: 36.103 ng
RT: 14.44 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1200404		
167	1.6	1.2	1.8		
43	9.0	7.1	10.7		

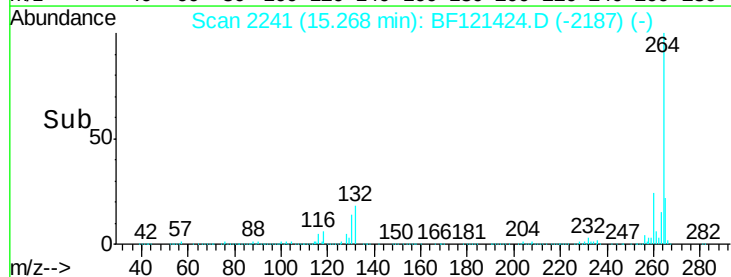
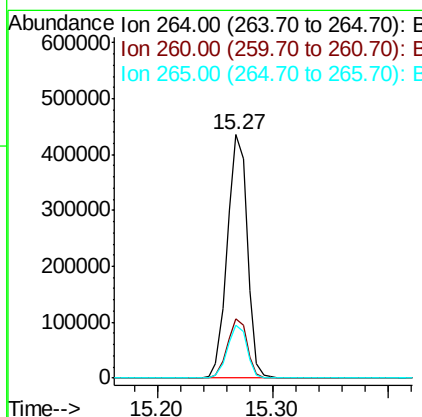
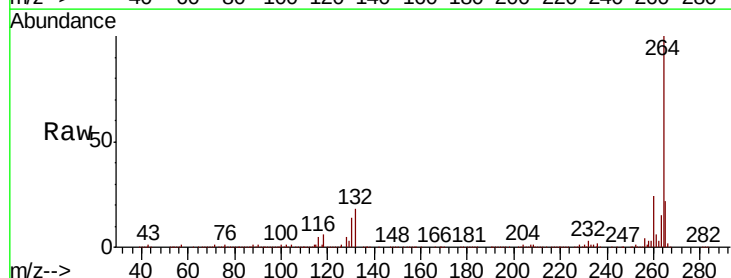
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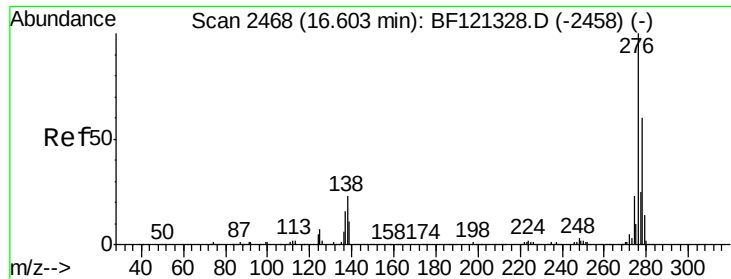
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		522509		
260	24.5	19.5	29.3		
265	21.8	17.1	25.7		





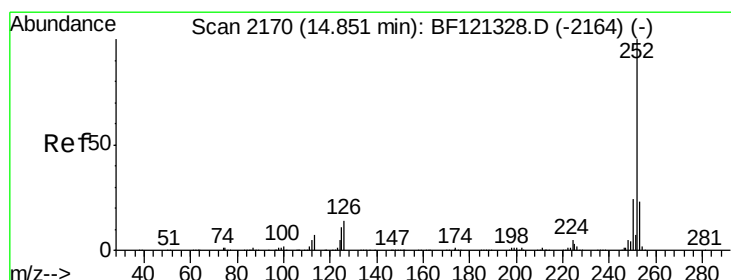
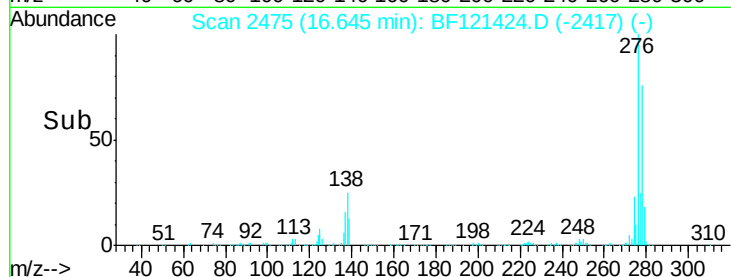
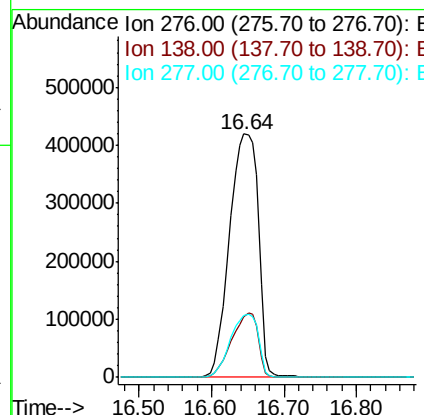
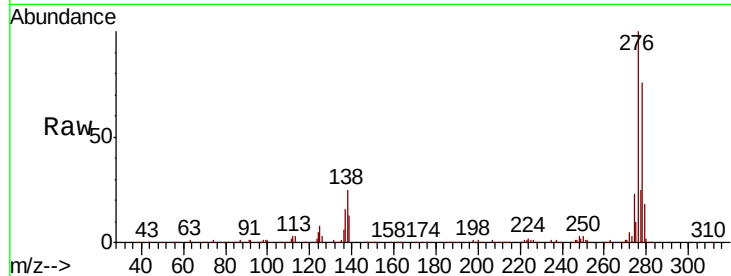
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.344 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. 0.04 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	25.2	19.9	29.9

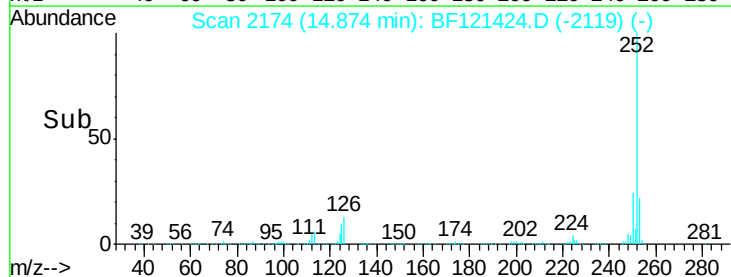
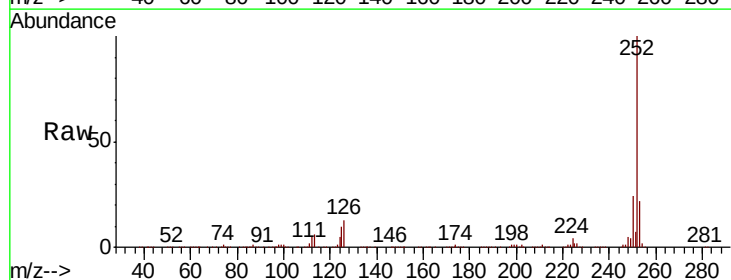
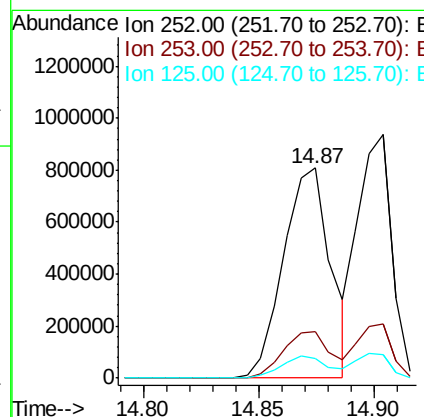
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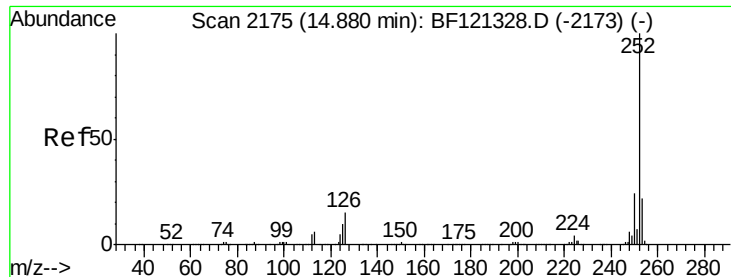
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 33.947 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121424.D
 Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.6	8.6	12.8





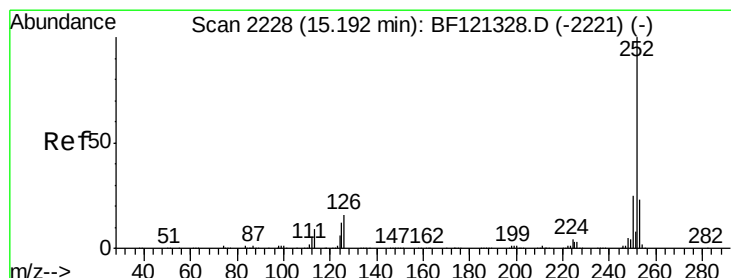
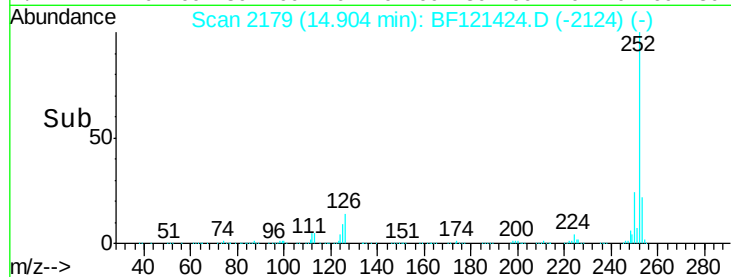
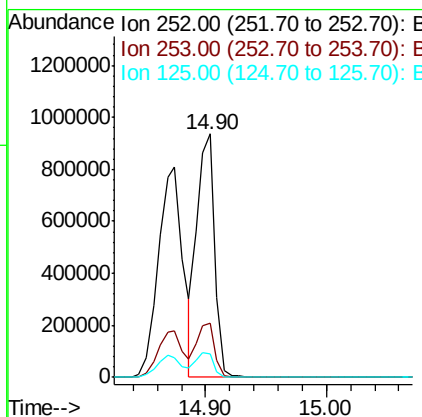
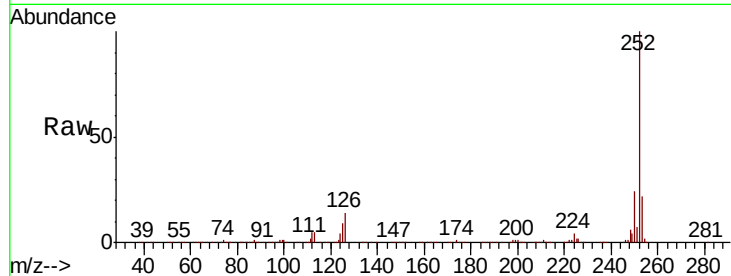
#89
Benzo(k)fluoranthene
Concen: 32.343 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.5	8.6	12.8

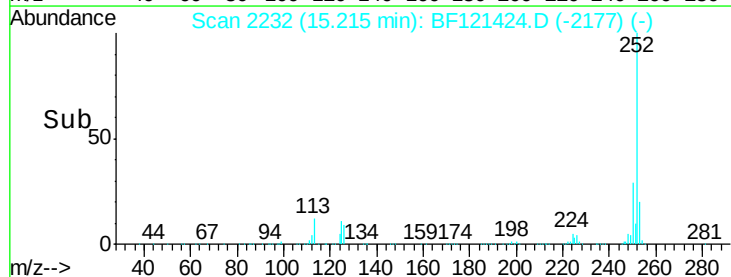
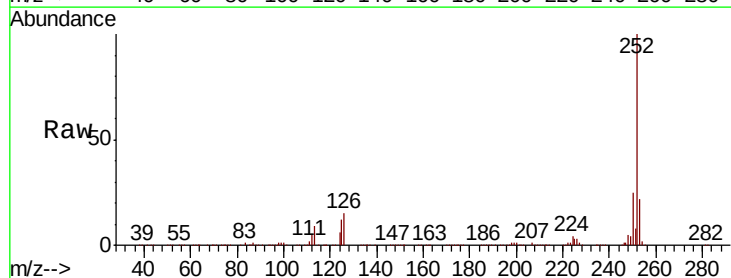
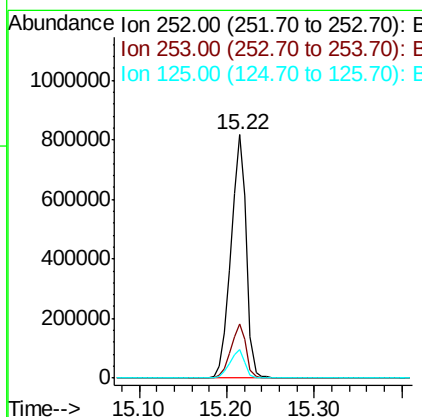
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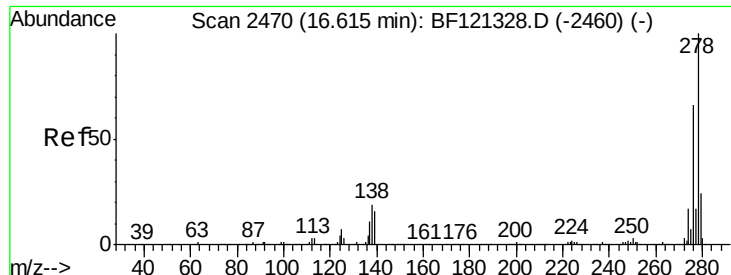
mohammad
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#90
Benzo(a)pyrene
Concen: 33.909 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.5	9.4	14.0





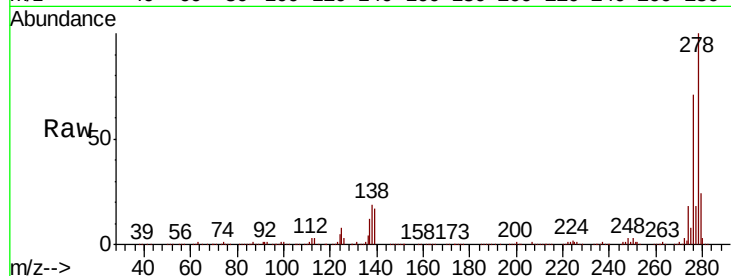
#91
Dibenzo(a,h)anthracene
Concen: 36.249 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131184BS

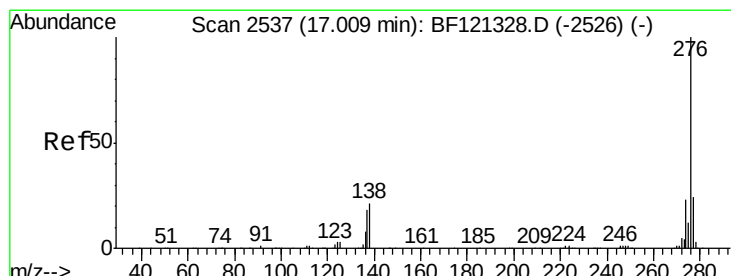
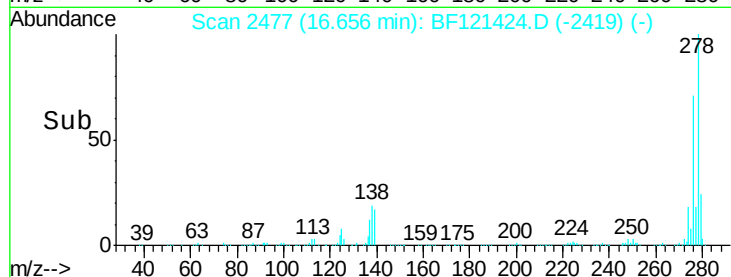
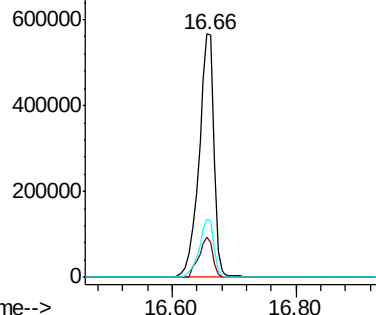
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	24.0	19.4	29.2

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



#92
Benzo(g,h,i)perylene
Concen: 38.720 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF121424.D
Acq: 25 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	22.3	16.8	25.2

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

