

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121578.D
 Acq On : 15 Sep 2020 15:28
 Operator : JU/CG
 Sample : L3998-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Manual Integrations
 APPROVED

mohammad
 9/16/2020 10:14:46 AM

Quant Time: Sep 15 17:04:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	245594	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	979585	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	514944	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	940920	20.00	ng	0.00
76) Chrysene-d12	14.00	240	658037	20.00	ng	0.00
86) Perylene-d12	15.44	264	517943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1308434	79.18	ng	0.02
7) Phenol-d6	6.48	99	1719780	79.32	ng	0.02
23) Nitrobenzene-d5	7.40	82	1192741	65.38	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	557282	87.07	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2024330	59.54	ng	0.00
79) Terphenyl-d14	12.94	244	2047295	63.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	267863	35.281	ng	98
3) Pyridine	3.45	79	778681	37.100	ng	100
4) n-Nitrosodimethylamine	3.41	42	381093	39.144	ng	100
6) Aniline	6.50	93	642330	22.748	ng	# 77
8) 2-Chlorophenol	6.62	128	701002	41.663	ng	98
9) Benzaldehyde	6.38	77	327304	23.093	ng	99
10) Phenol	6.49	94	902131	39.075	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	708786	40.733	ng	99
12) 1,3-Dichlorobenzene	6.77	146	722685	38.482	ng	99
13) 1,4-Dichlorobenzene	6.85	146	729390	38.680	ng	98
14) 1,2-Dichlorobenzene	7.00	146	703192	40.480	ng	99
15) Benzyl Alcohol	6.98	79	615751	41.785	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1082532	38.660	ng	86
17) 2-Methylphenol	7.10	107	567535	39.643	ng	94
18) Hexachloroethane	7.35	117	266078	39.408	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	491554	39.339	ng	99
20) 3+4-Methylphenols	7.25	107	673103	39.132	ng	98
22) Acetophenone	7.25	105	906921	36.490	ng	96
24) Nitrobenzene	7.42	77	765731	38.805	ng	100
25) Isophorone	7.66	82	1398261	38.072	ng	100
26) 2-Nitrophenol	7.73	139	366342	39.893	ng	94
27) 2,4-Dimethylphenol	7.77	122	626280	38.202	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	886660	38.997	ng	100
29) 2,4-Dichlorophenol	7.98	162	582607	39.018	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	604773	38.457	ng	99
31) Naphthalene	8.14	128	1939616	37.509	ng	100
32) Benzoic acid	7.92	122	432932	37.216	ng	97
33) 4-Chloroaniline	8.19	127	400850	17.883	ng	99
34) Hexachlorobutadiene	8.26	225	355959	38.563	ng	99
35) Caprolactam	8.57	113	196227m	39.463	ng	
36) 4-Chloro-3-methylphenol	8.69	107	634951	39.474	ng	96
37) 2-Methylnaphthalene	8.83	142	1288942	38.035	ng	99
38) 1-Methylnaphthalene	8.93	142	1206356	38.250	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	588859	36.609	ng	99

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Quant Time: Sep 15 17:04:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	545882	59.427	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	438270	39.974	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	442291	38.159	nq	95
46) 1,1'-Biphenyl	9.30	154	1528046	37.066	nq	99
47) 2-Chloronaphthalene	9.32	162	1189633	36.620	nq	99
48) 2-Nitroaniline	9.42	65	422577	41.860	nq	99
49) Acenaphthylene	9.74	152	1868959	37.444	nq	100
50) Dimethylphthalate	9.60	163	1666247	44.645	nq	100
51) 2,6-Dinitrotoluene	9.66	165	334637	42.101	nq	98
52) Acenaphthene	9.91	154	1231835m	39.073	nq	
53) 3-Nitroaniline	9.83	138	199957	21.716	nq	96
54) 2,4-Dinitrophenol	9.93	184	232464	54.020	nq	95
55) Dibenzofuran	10.08	168	1616119	36.401	nq	99
56) 4-Nitrophenol	10.01	139	527578	71.846	nq	98
57) 2,4-Dinitrotoluene	10.06	165	436177	43.619	nq	96
58) Fluorene	10.42	166	1257019	37.024	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	371234	39.397	nq	97
60) Diethylphthalate	10.30	149	1443980	39.682	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	620503	38.152	nq	96
62) 4-Nitroaniline	10.44	138	300315	32.849	nq	98
63) Azobenzene	10.57	77	1454856	37.544	nq	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	172121	32.407	nq	95
66) n-Nitrosodiphenylamine	10.53	169	1232656	38.185	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	423986	39.578	nq	96
68) Hexachlorobenzene	10.97	284	466554	38.591	nq	96
69) Atrazine	11.06	200	301279	37.566	nq	99
70) Pentachlorophenol	11.17	266	483611	72.838	nq	99
71) Phenanthrene	11.39	178	1862458	36.330	nq	100
72) Anthracene	11.43	178	1923758	36.364	nq	99
73) Carbazole	11.59	167	1744426	36.540	nq	99
74) Di-n-butylphthalate	11.92	149	2216676	40.230	nq	100
75) Fluoranthene	12.57	202	1989080	36.347	nq	99
77) Benzidine	12.69	184	1075881	49.318	nq	99
78) Pyrene	12.80	202	1965353	40.878	nq	100
80) Butylbenzylphthalate	13.42	149	939480	48.316	nq	97
81) Benzo(a)anthracene	13.99	228	1589513	38.181	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	546028	33.596	nq	98
83) Chrysene	14.02	228	1584954	37.597	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1242575	47.835	nq	99
85) Di-n-octyl phthalate	14.59	149	2174553	47.435	nq	100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1438691	42.653	nq	100
88) Benzo(b)fluoranthene	15.03	252	1425978	41.183	nq	99
89) Benzo(k)fluoranthene	15.06	252	1322543	41.711	nq	98
90) Benzo(a)pyrene	15.39	252	1185760	40.287	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	1178865	41.985	nq	99
92) Benzo(g,h,i)perylene	17.33	276	1218280	44.141	nq	99

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



#1

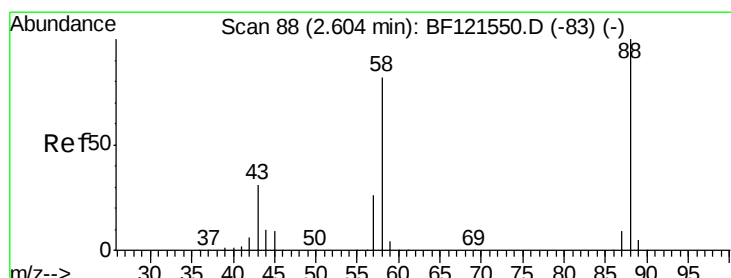
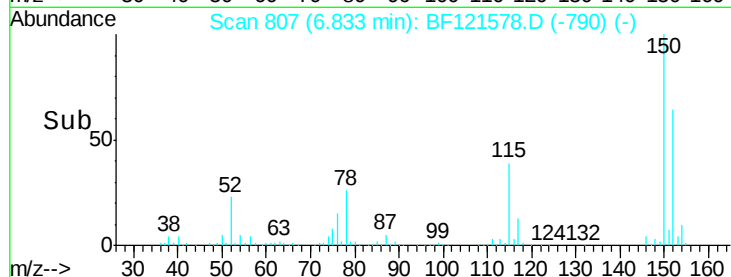
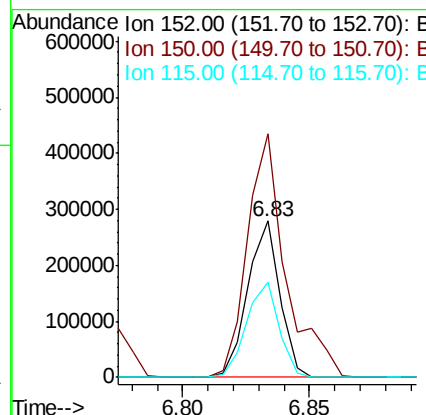
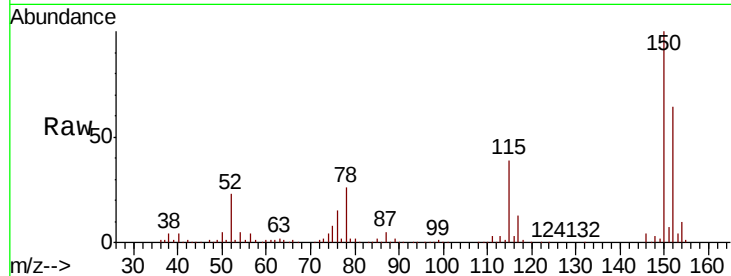
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.8	188.6
115	61.2	47.8	71.8

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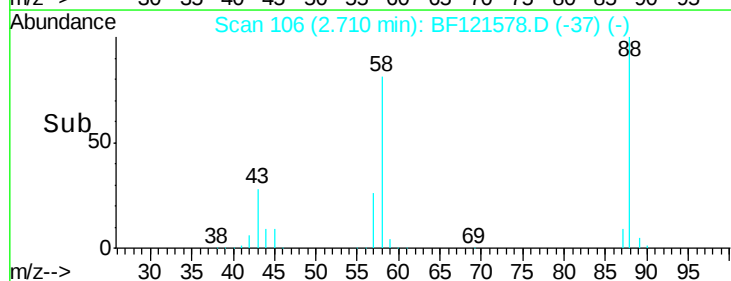
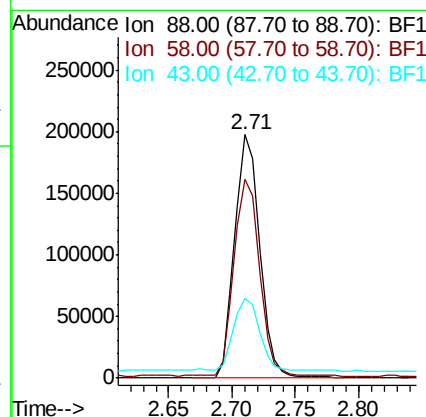
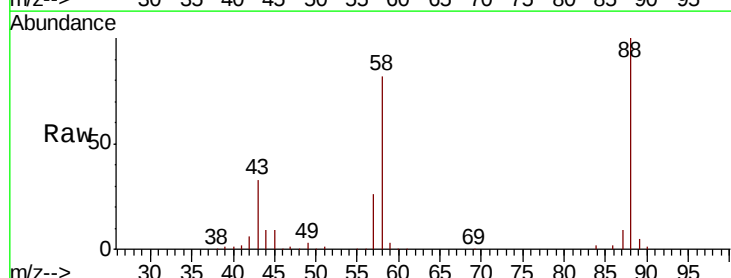
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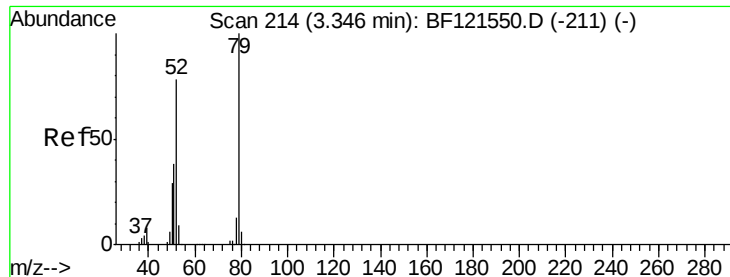


#2

1,4-Dioxane
Concen: 35.281 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.11 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	65.1	97.7
43	32.4	25.0	37.4





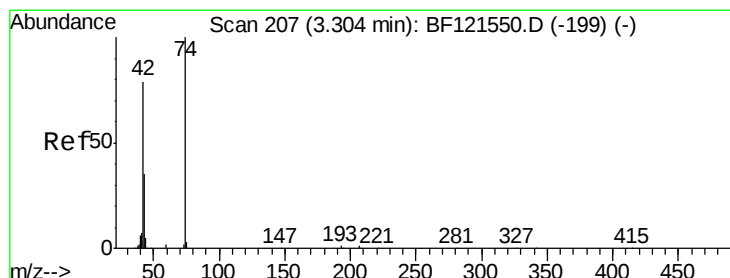
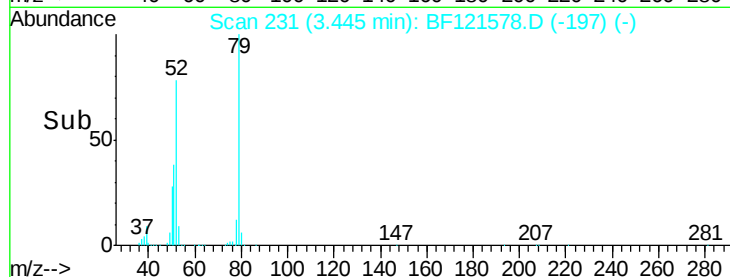
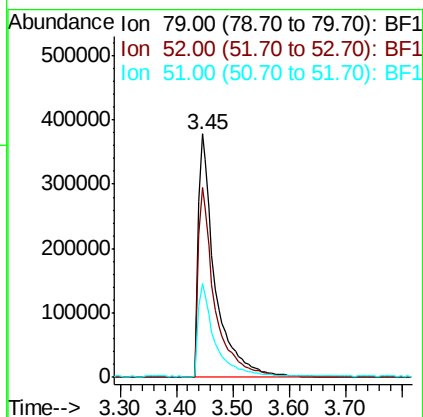
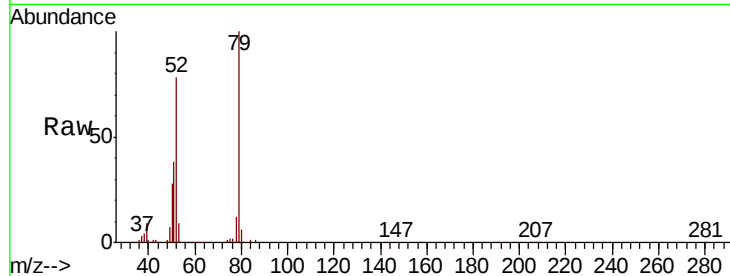
#3
Pvridine
Concen: 37.100 ng
RT: 3.45 min Scan# 231
Delta R.T. 0.10 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.9	62.2	93.2
51	38.4	30.6	45.8

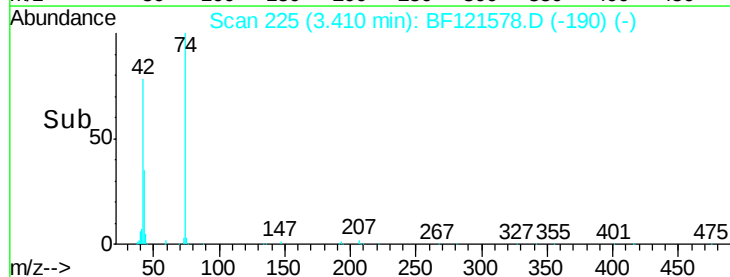
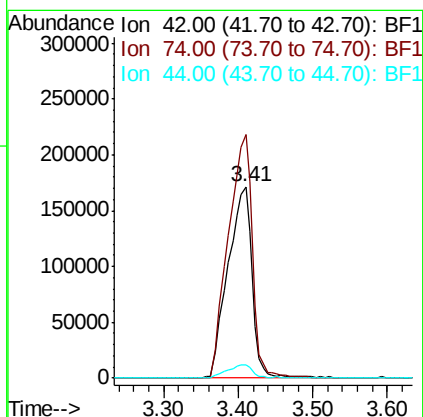
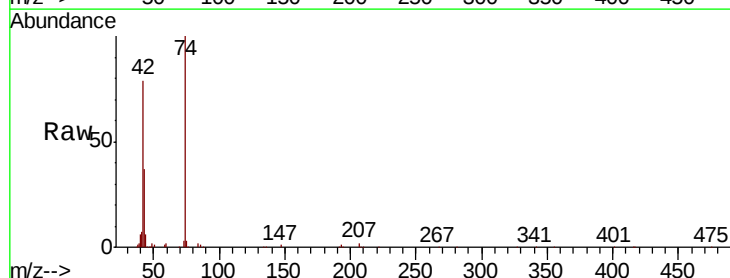
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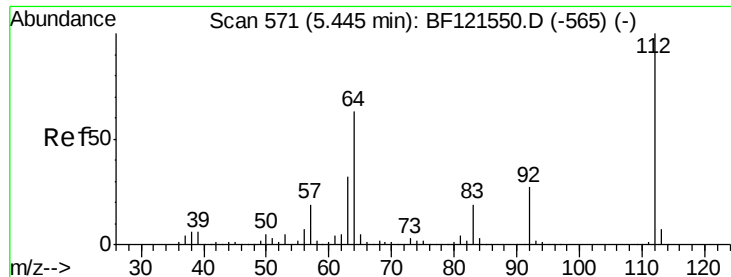
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#4
n-Nitrosodimethylamine
Concen: 39.144 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.11 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.0	101.7	152.5
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 79.175 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

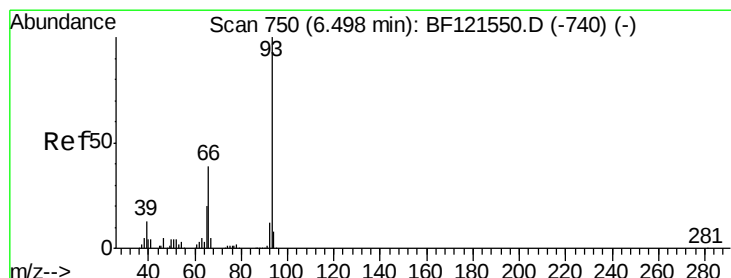
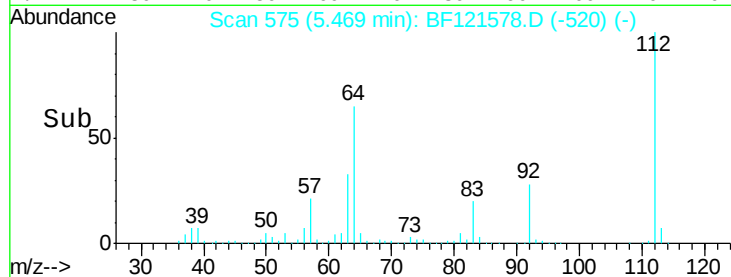
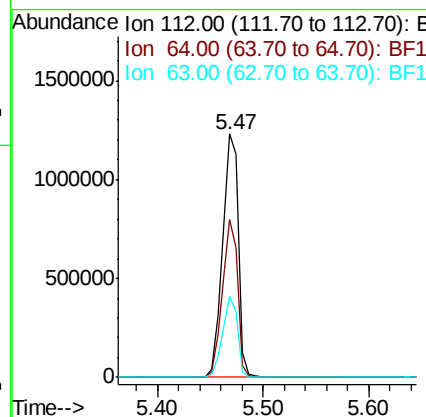
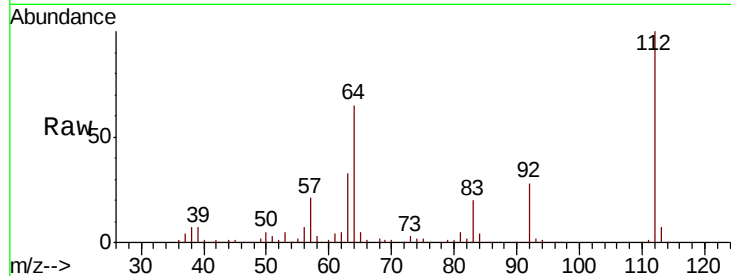
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	112	Resp:	1308434
Ion Ratio	Lower	Upper	
112	100		
64	65.0	50.3	75.5
63	33.0	25.6	38.4

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#6

Aniline

Concen: 22.748 ng

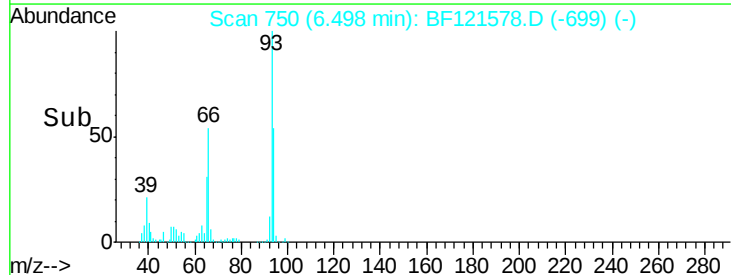
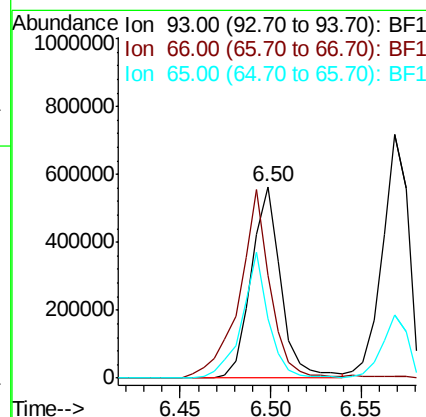
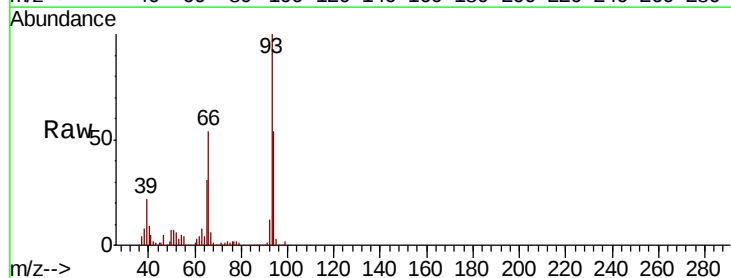
RT: 6.50 min Scan# 750

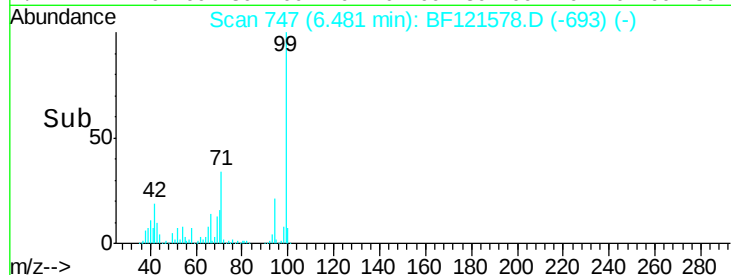
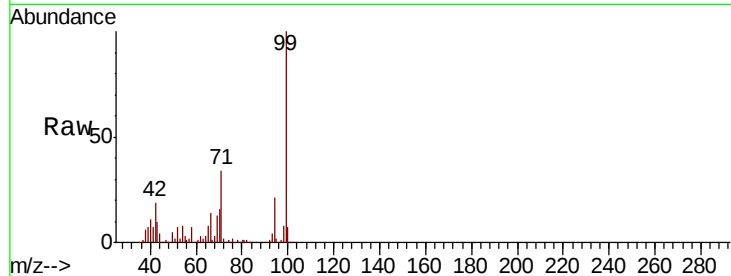
Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Tgt Ion:	93	Resp:	642330
Ion Ratio	Lower	Upper	
93	100		
66	53.9	31.8	47.8#
65	31.2	16.2	24.2#





#7

Phenol-d6

Concen: 79.323 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Tot Ion: 99 Resp: 1719780

Ion Ratio Lower Upper

99 100

42 19.3 15.5 23.3

71 33.9 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

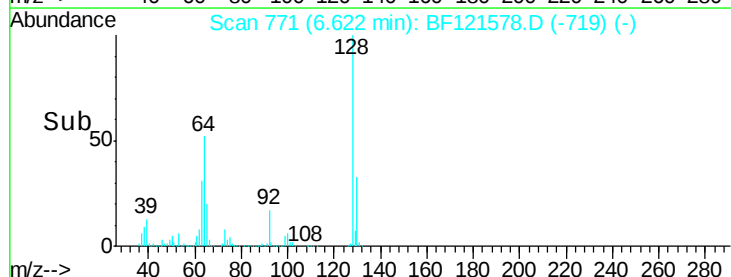
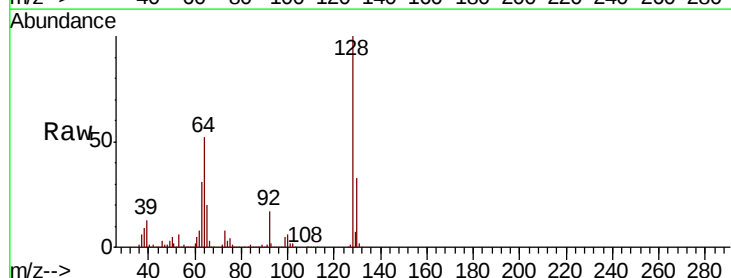
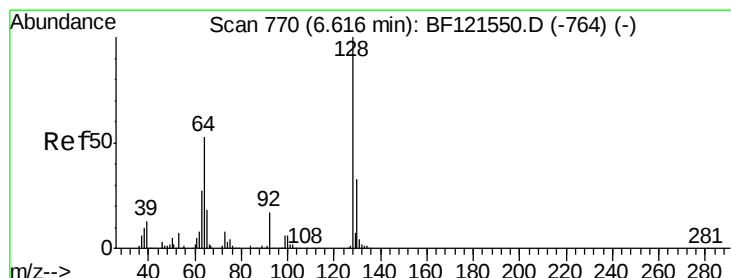
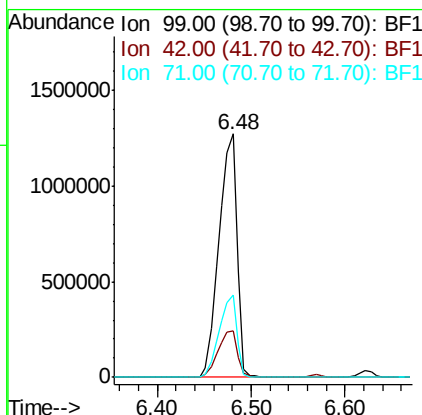
FK-EF-01-TEST1-ABCD-BMSD

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#8

2-Chlorophenol

Concen: 41.663 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

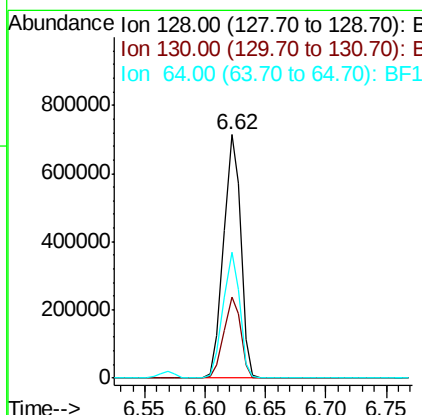
Tgt Ion: 128 Resp: 701002

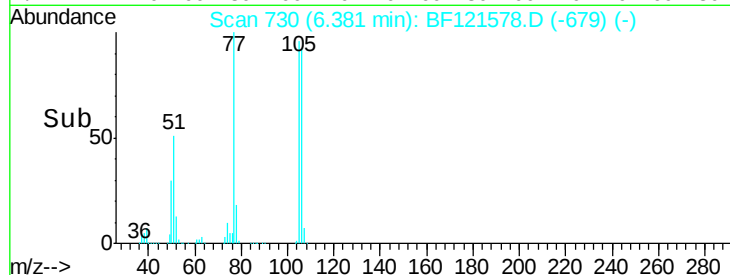
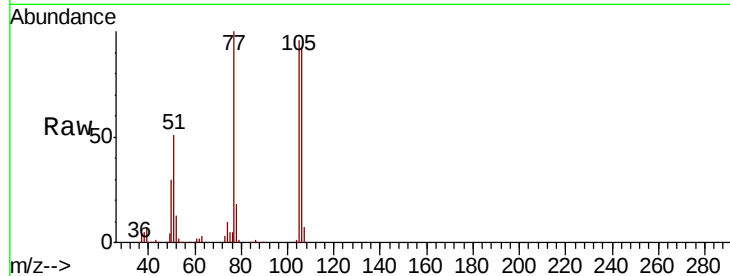
Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

64 51.7 33.1 73.1





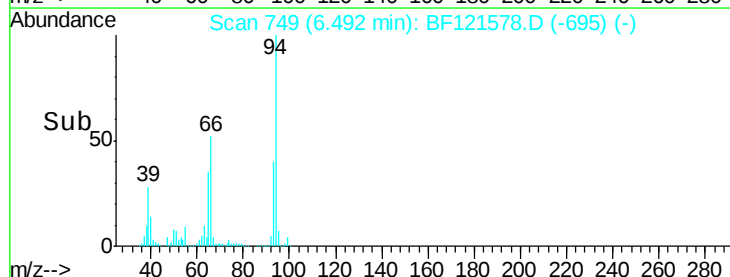
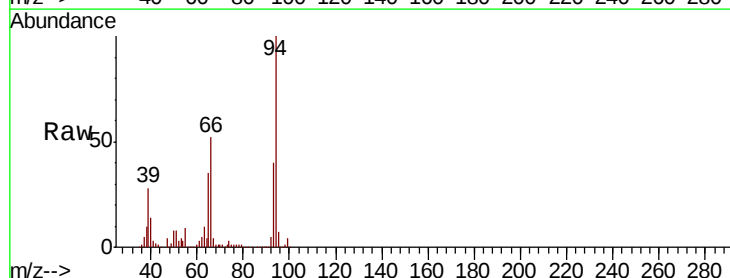
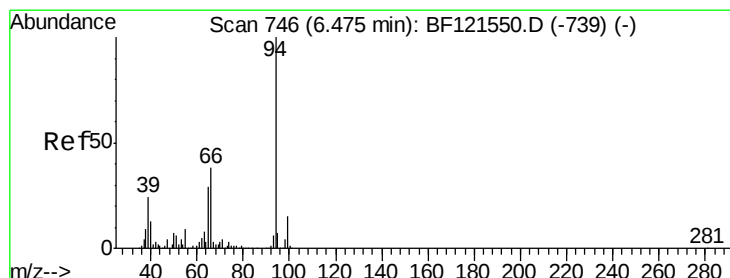
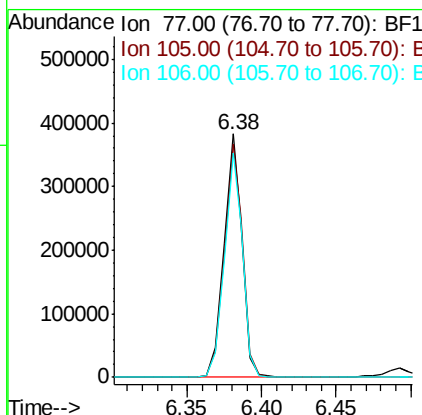
#9
Benzaldehyde
Concen: 23.093 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.6	76.4	116.4
106	92.1	73.5	113.5

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

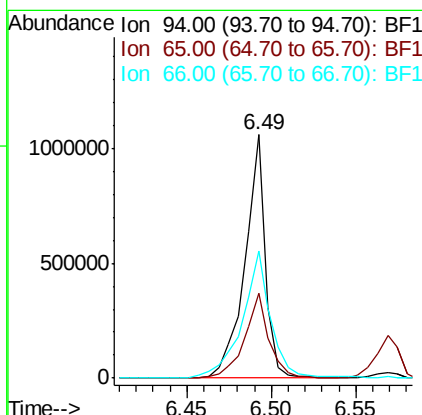
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#10
Phenol
Concen: 39.075 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.9	9.4	49.4
66	52.3	18.3	58.3





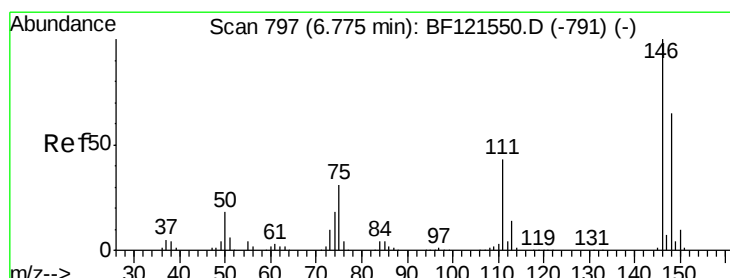
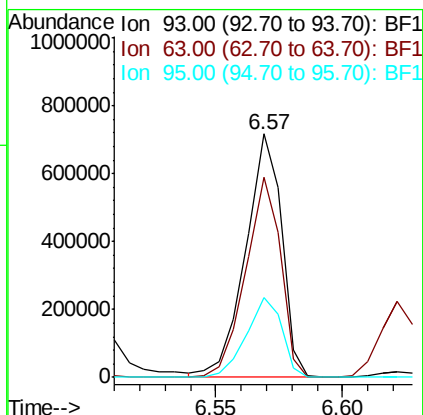
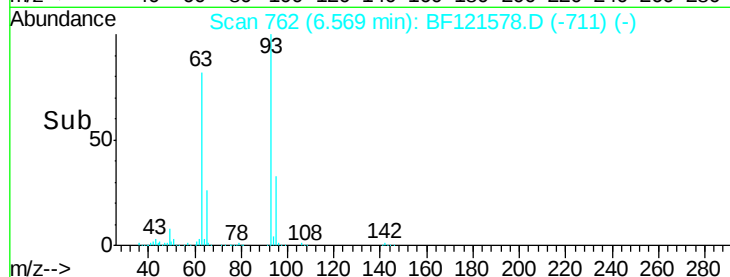
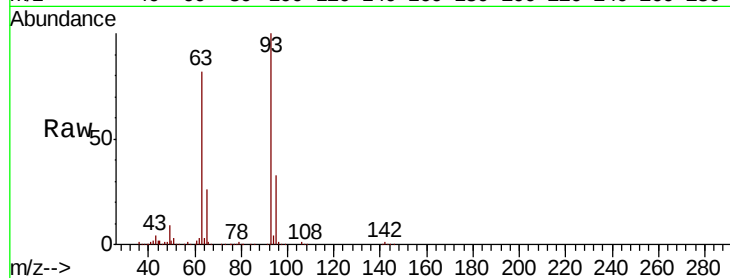
#11
bis(2-Chloroethyl)ether
Concen: 40.733 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	61.7	101.7
95	32.6	12.7	52.7

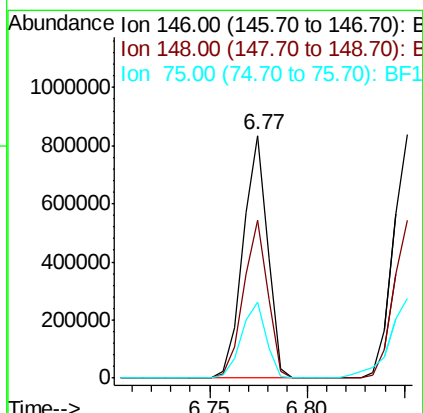
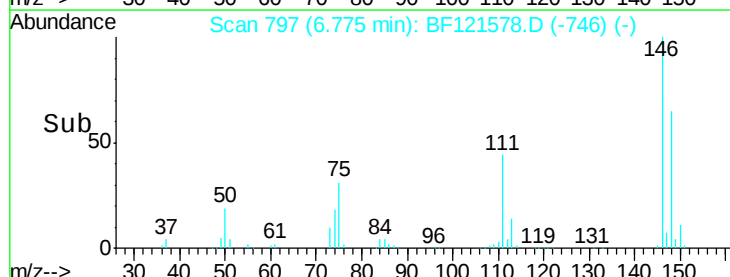
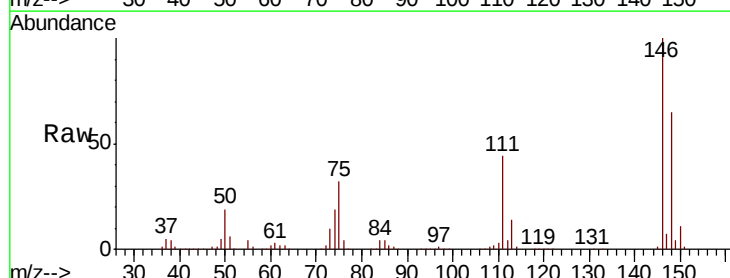
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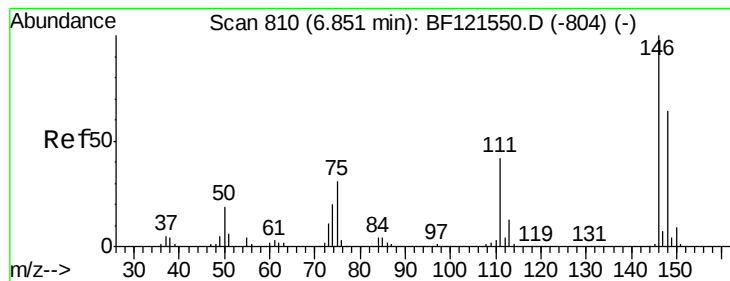
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.482 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.5	24.6	36.8





#13

1,4-Dichlorobenzene

Concen: 38.680 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

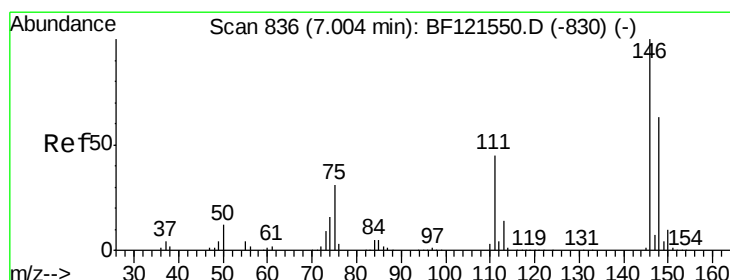
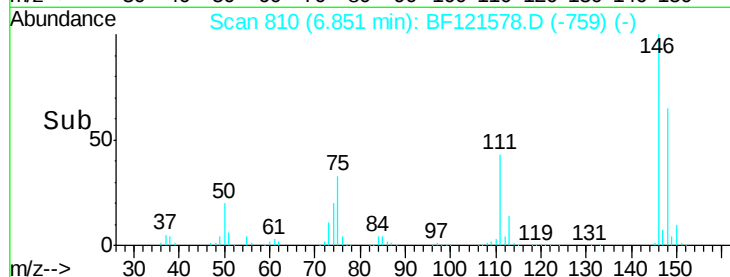
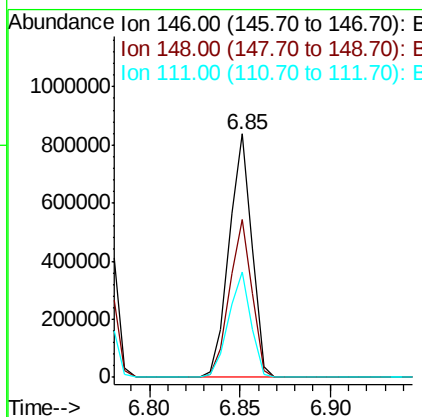
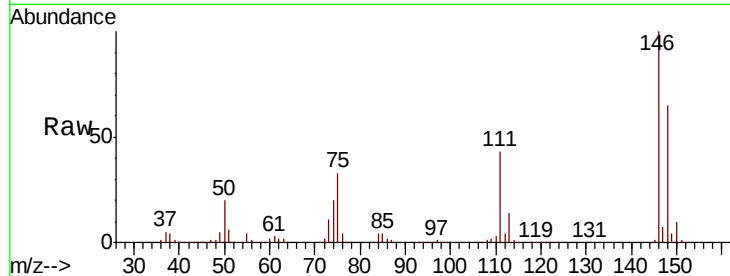
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	146	Resp:	729390
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.2	76.8
111	43.1	33.4	50.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.480 ng

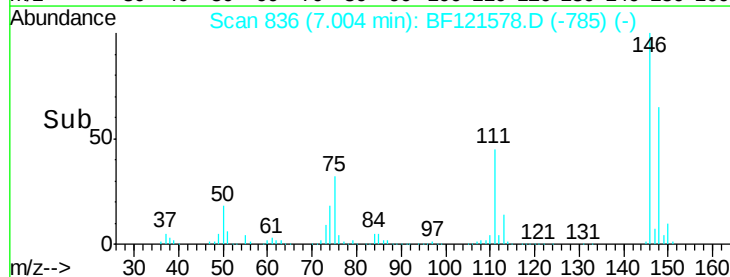
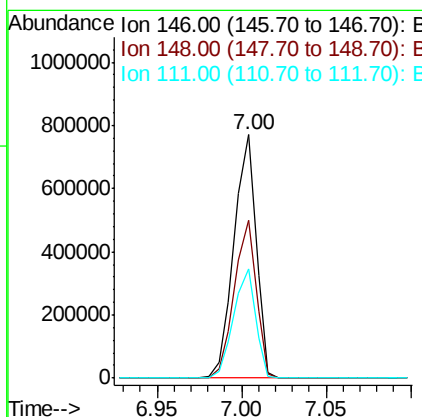
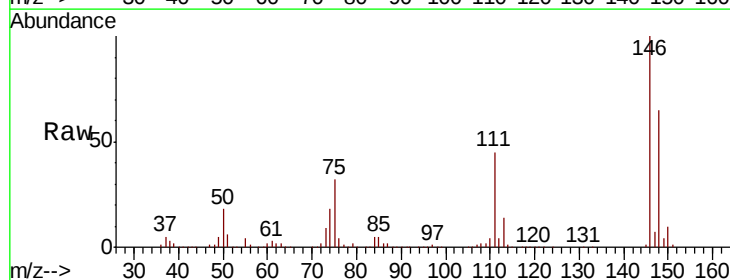
RT: 7.00 min Scan# 836

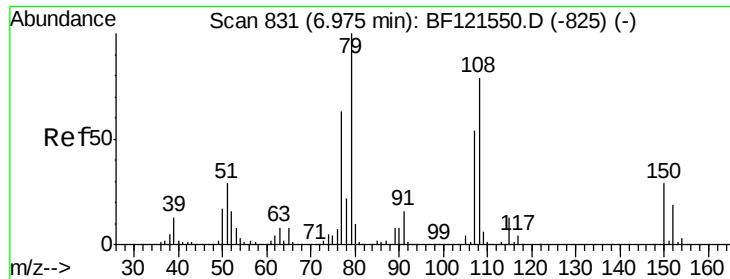
Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Tgt Ion:	146	Resp:	703192
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.7	76.1
111	44.6	35.8	53.6





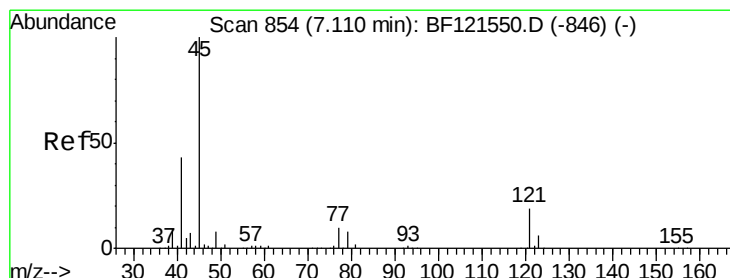
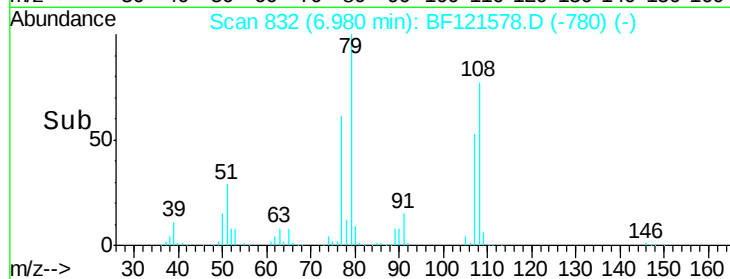
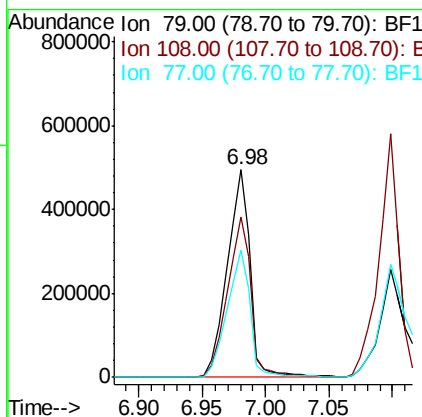
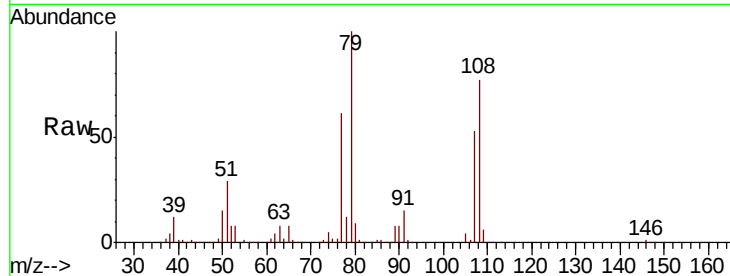
#15
Benzyl Alcohol
Concen: 41.785 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.1	94.7
77	61.2	50.2	75.2

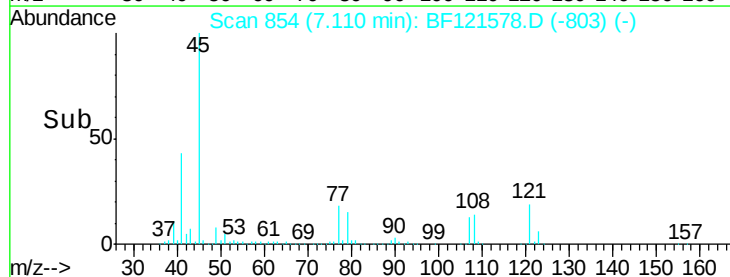
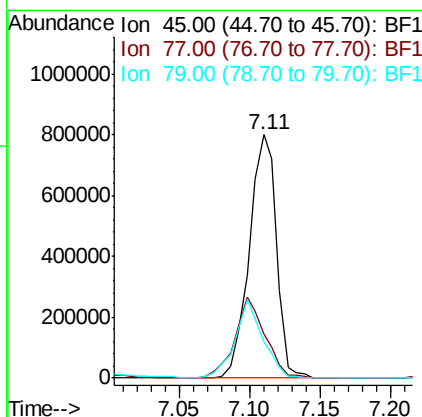
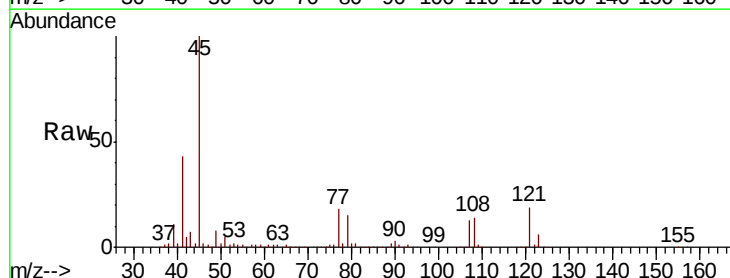
Manual Integrations
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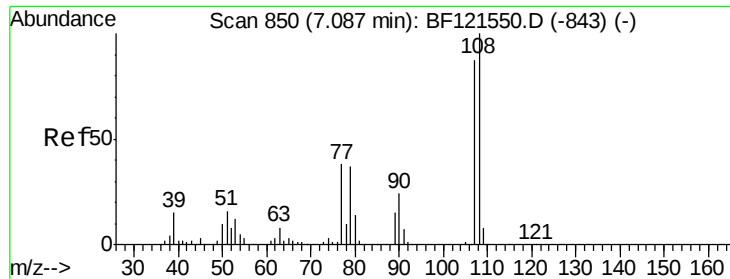
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.660 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	32.5
79	15.0	0.0	29.8





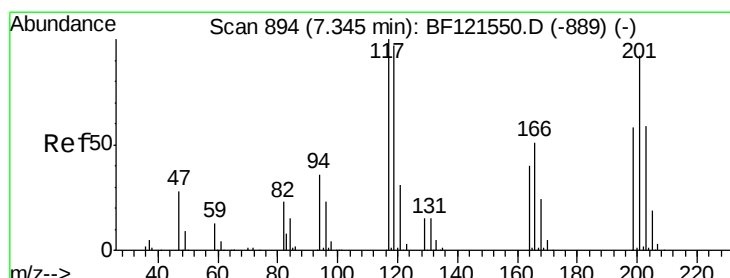
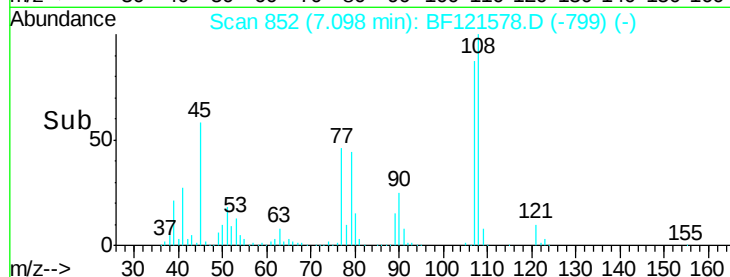
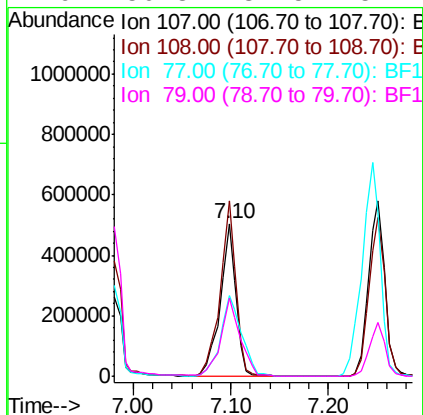
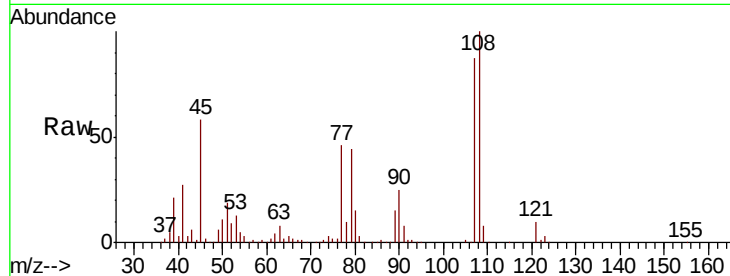
#17
2-Methylphenol
Concen: 39.643 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	92.1	138.1	
77	53.0	35.5	53.3	
79	50.8	34.5	51.7	

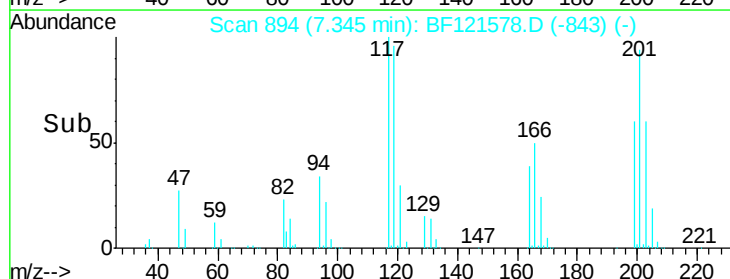
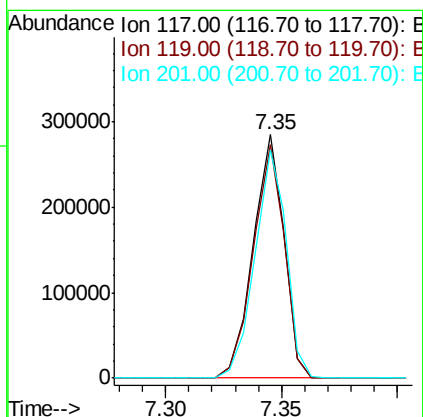
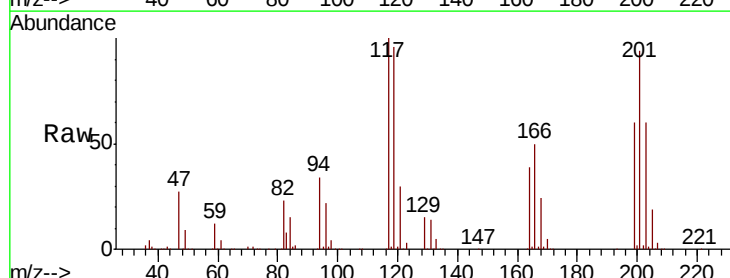
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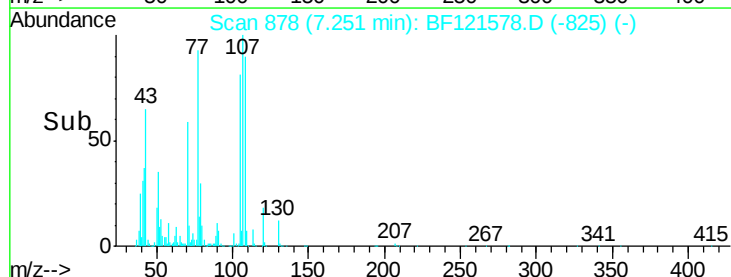
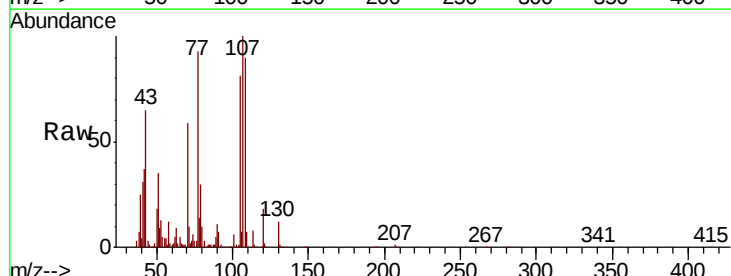
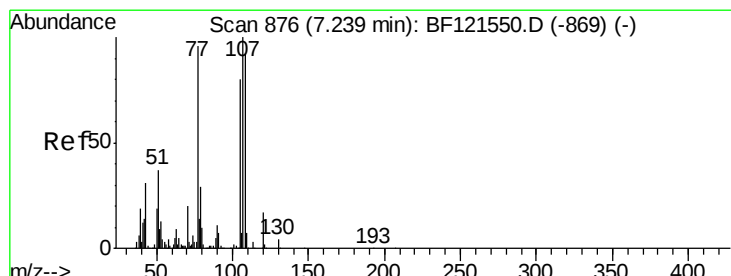
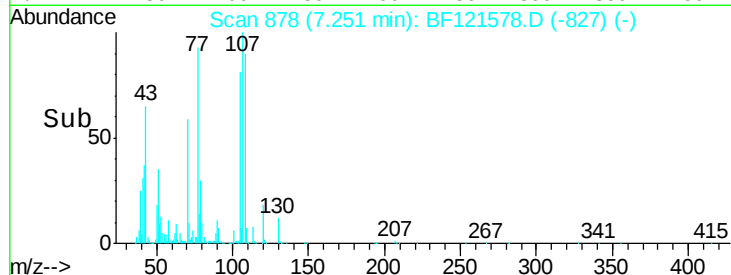
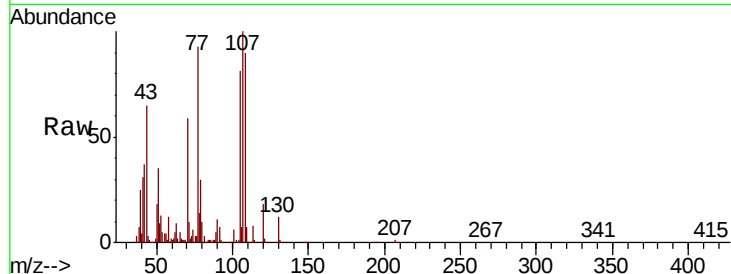
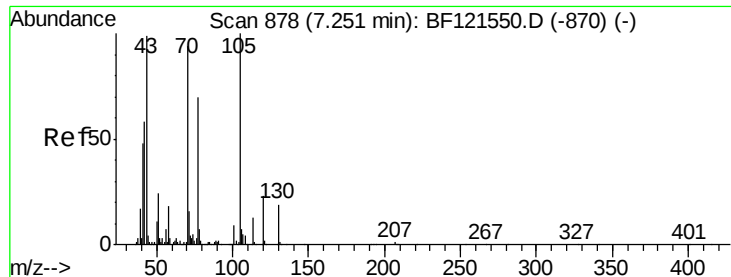
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#18
Hexachloroethane
Concen: 39.408 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

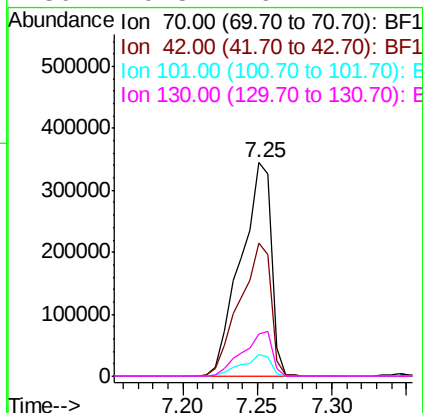
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	77.2	115.8	
201	93.7	73.7	110.5	





#19
n-Nitroso-di-n-propylamine
Concen: 39.339 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		491554		
42	62.4	49.4	74.2		
101	10.0	7.6	11.4		
130	19.8	16.2	24.4		



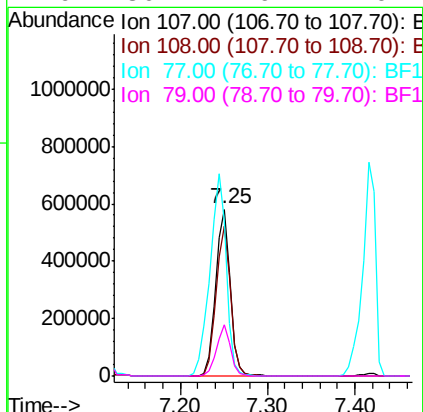
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

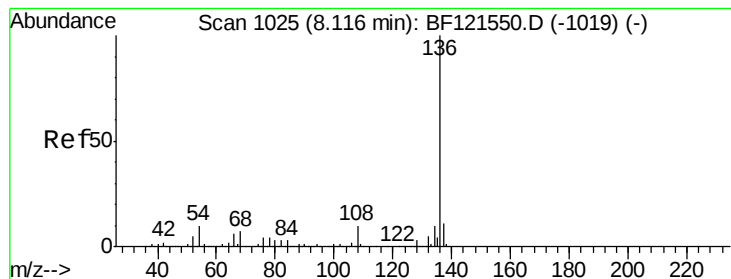
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#20
3+4-Methylphenols
Concen: 39.132 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		673103		
108	90.2	71.8	111.8		
77	93.1	75.5	115.5		
79	30.4	9.2	49.2		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

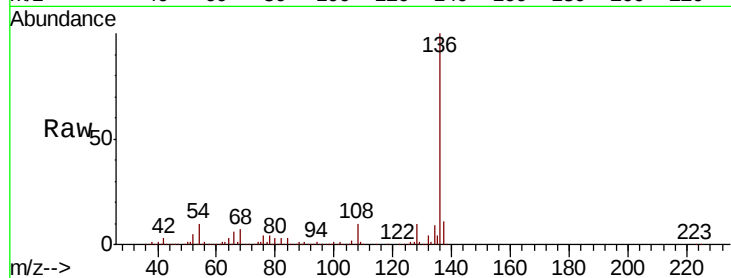
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	979585		
137	11.1	9.0	13.6	
54	9.7	7.6	11.4	
68	7.3	5.7	8.5	

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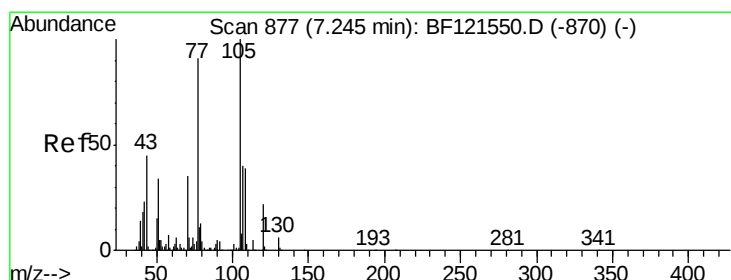
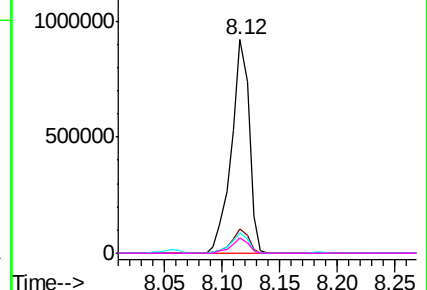
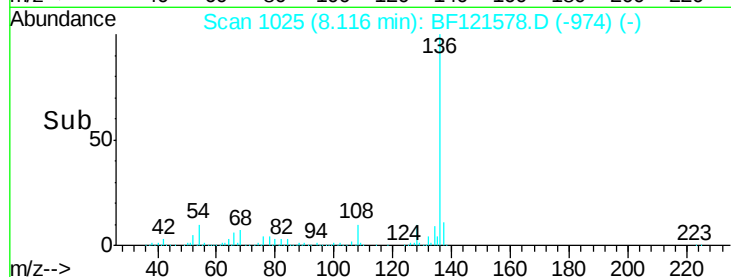


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.490 ng

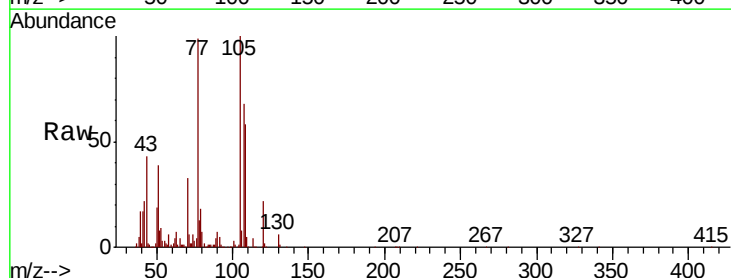
RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	906921		
71	5.6	4.6	7.0	
51	38.9	27.6	41.4	
120	21.7	17.4	26.2	

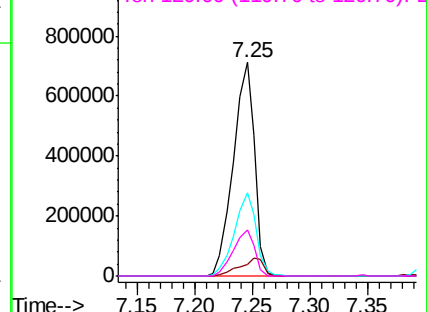
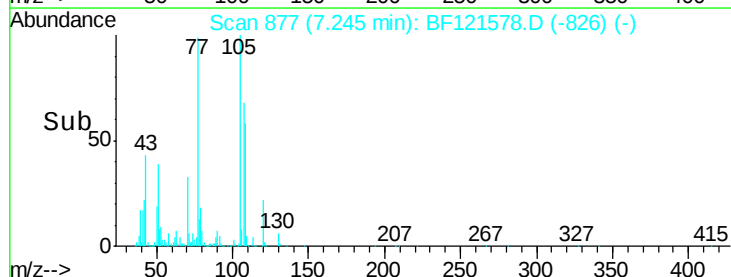


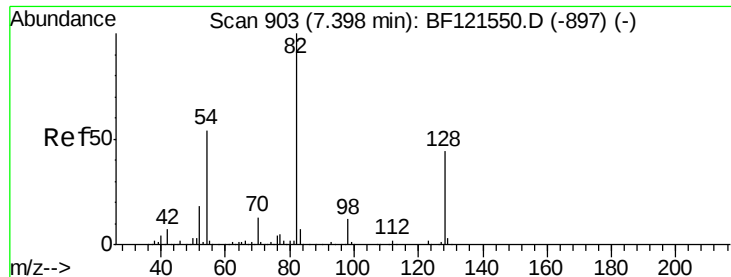
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





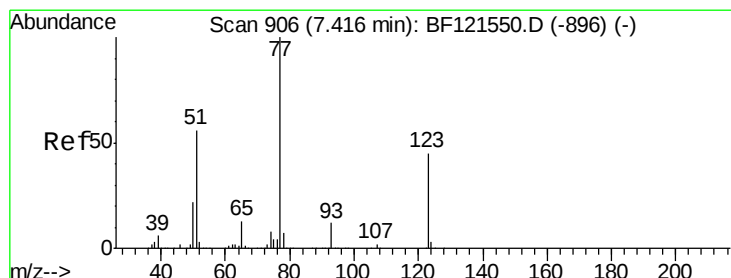
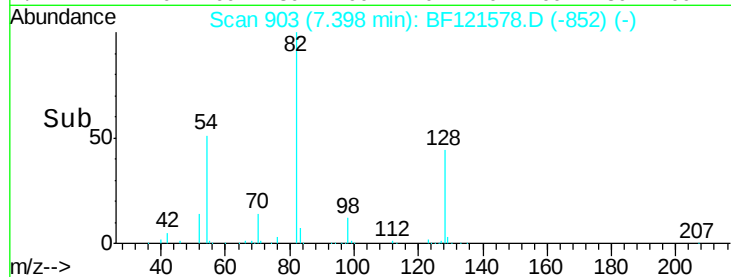
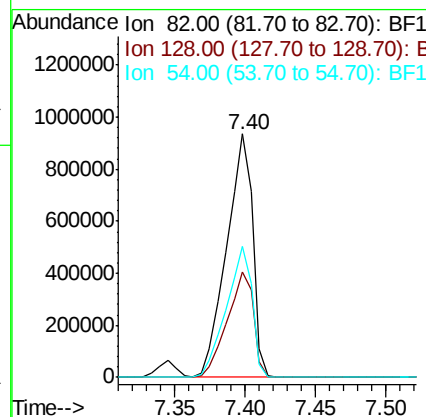
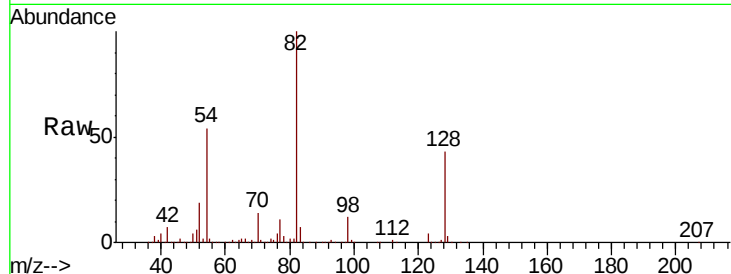
#23
 Nitrobenzene-d5
 Concen: 65.375 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	82	Resp	1192741
Ion Ratio	100	Lower	Upper
82	100		
128	43.4	35.1	52.7
54	53.8	43.0	64.6

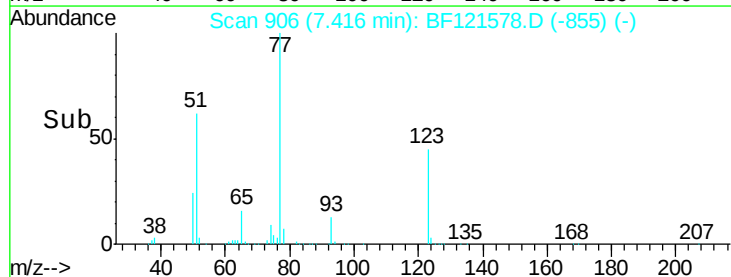
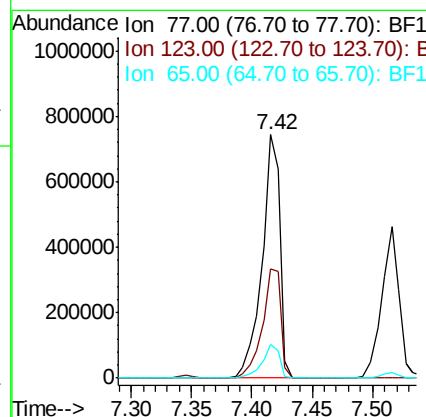
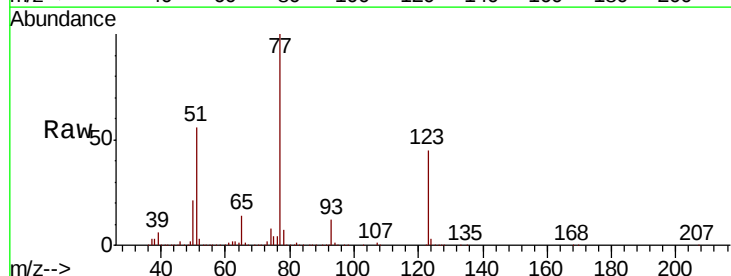
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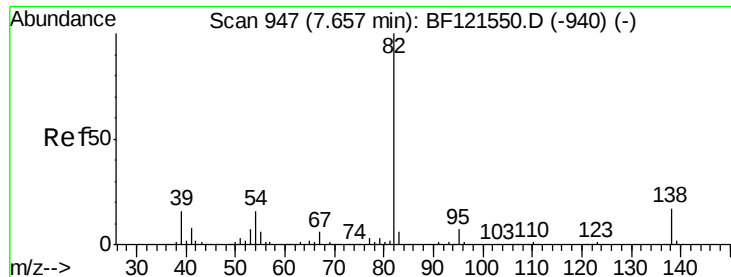
mohammad
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#24
 Nitrobenzene
 Concen: 38.805 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	77	Resp	765731
Ion Ratio	100	Lower	Upper
77	100		
123	44.7	35.8	53.8
65	13.8	10.7	16.1





#25

Isophorone

Concen: 38.072 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion: 82 Resp: 1398261

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

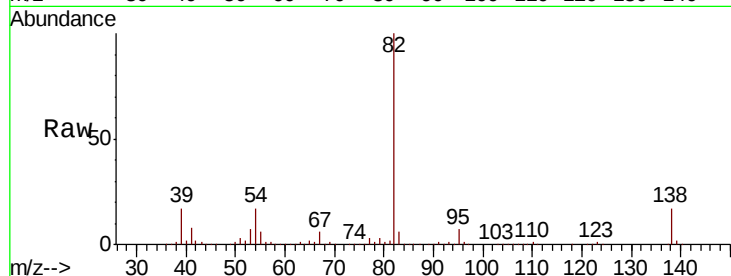
138 17.0 13.7 20.5

Manual Integrations

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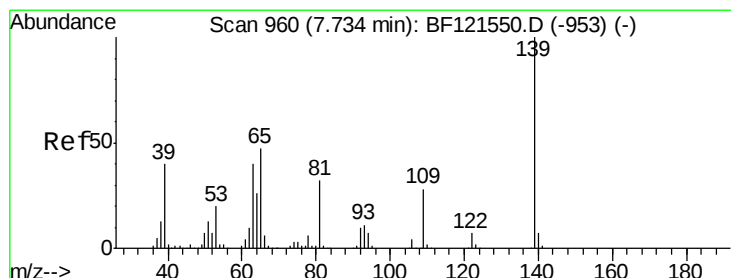
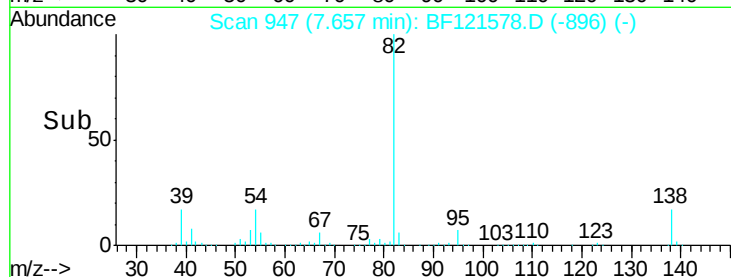
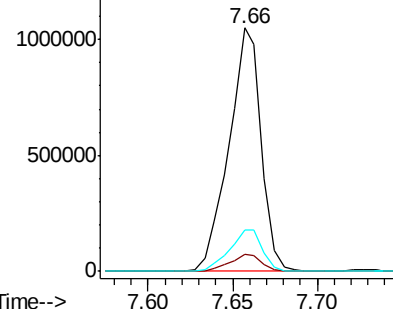
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.893 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

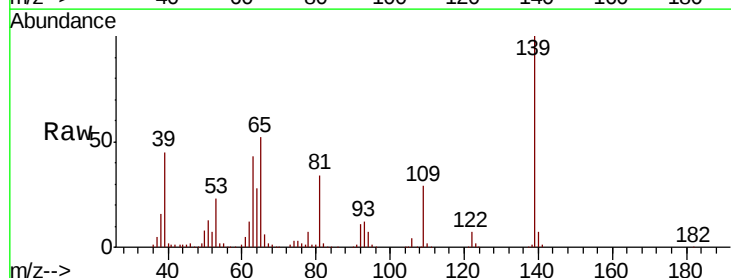
Tgt Ion: 139 Resp: 366342

Ion Ratio Lower Upper

139 100

109 29.1 22.4 33.6

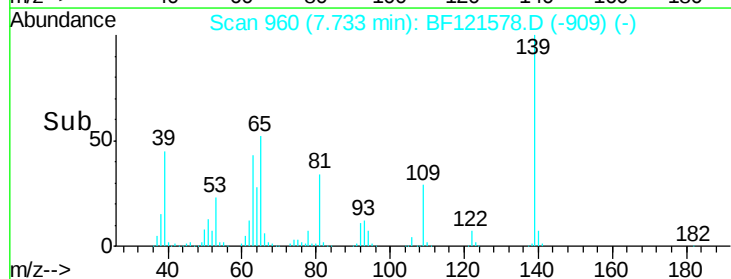
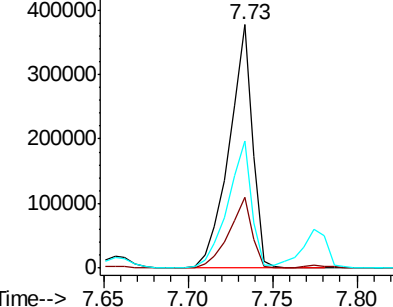
65 52.0 37.6 56.4

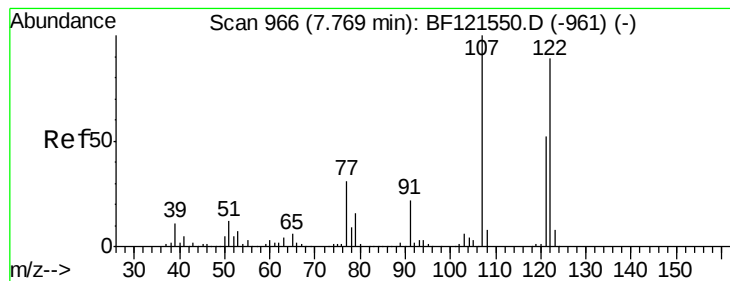


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





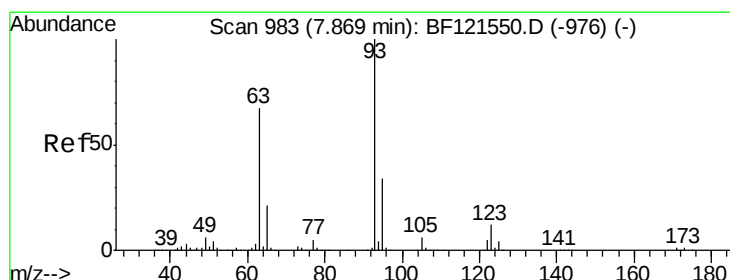
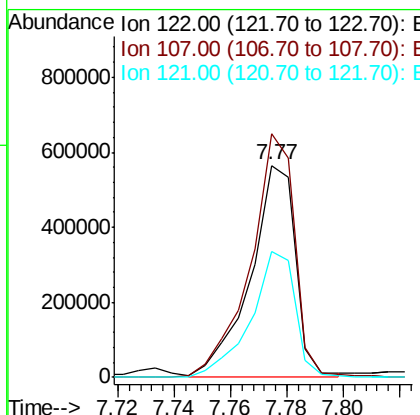
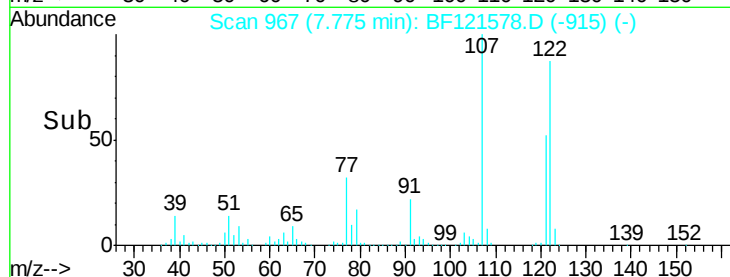
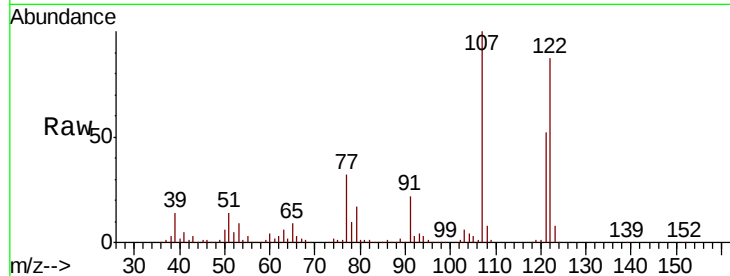
#27
 2,4-Dimethylphenol
 Concen: 38.202 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	89.5	134.3
121	59.2	46.6	70.0

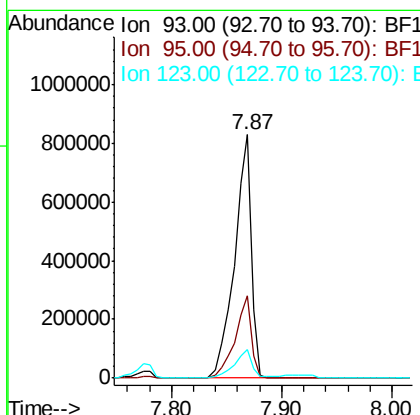
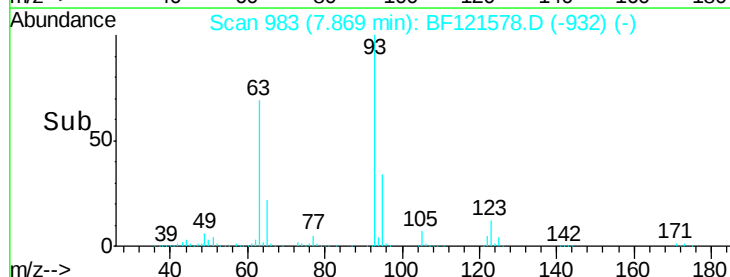
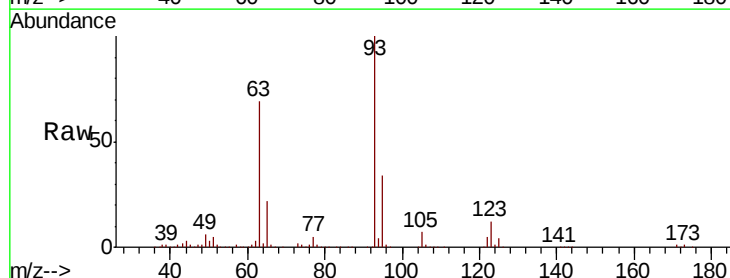
Manual Integrations
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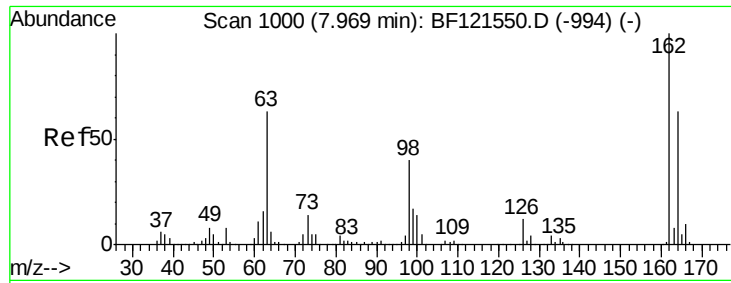
mohammad
 9/16/2020 10:14:46 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.997 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.8	40.2
123	11.6	9.7	14.5





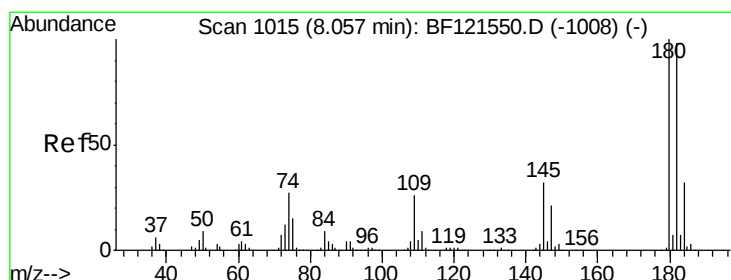
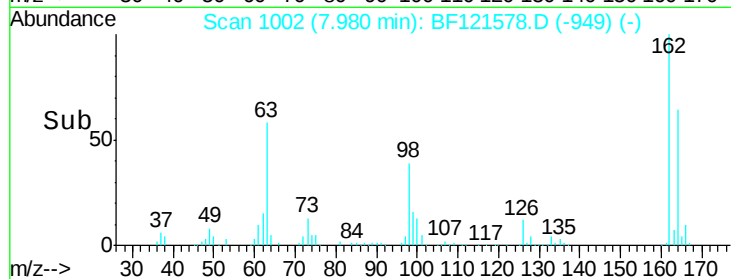
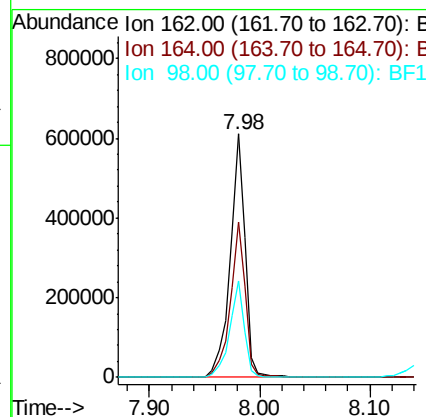
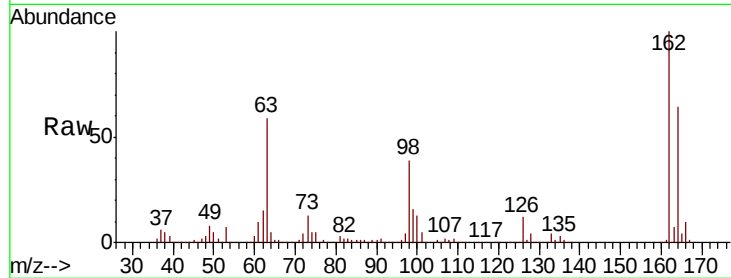
#29
2,4-Dichlorophenol
Concen: 39.018 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	582607		
164	63.8	43.5	83.5	
98	39.4	20.2	60.2	

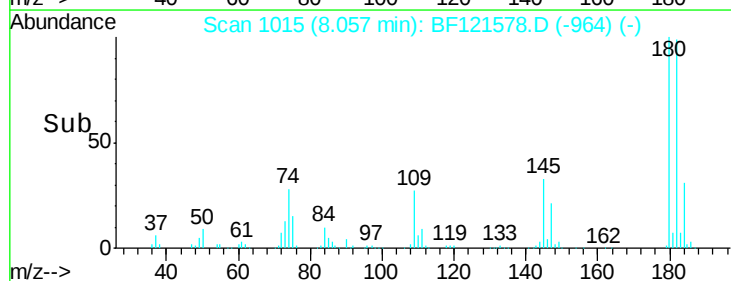
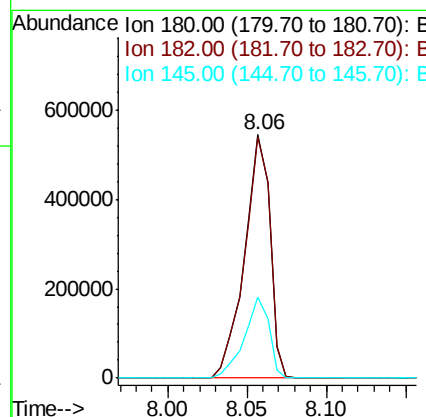
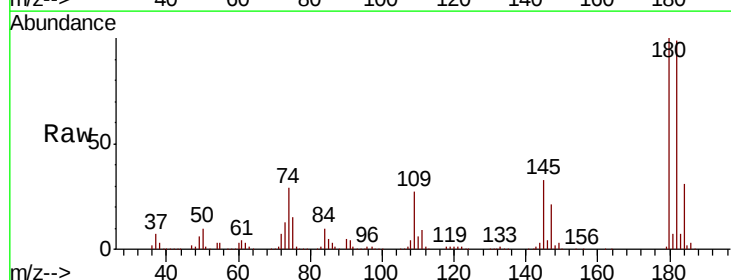
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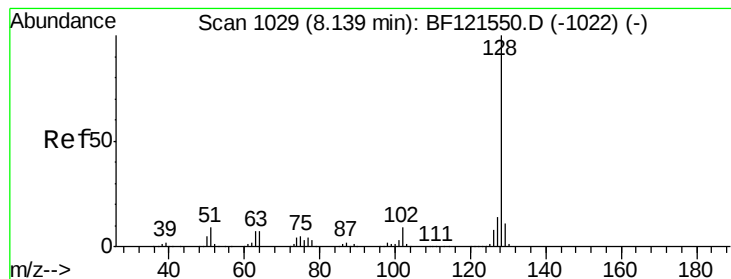
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.457 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	604773		
182	98.9	78.7	118.1	
145	33.2	26.0	39.0	





#31

Naphthalene

Concen: 37.509 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:128 Resp: 1939616

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

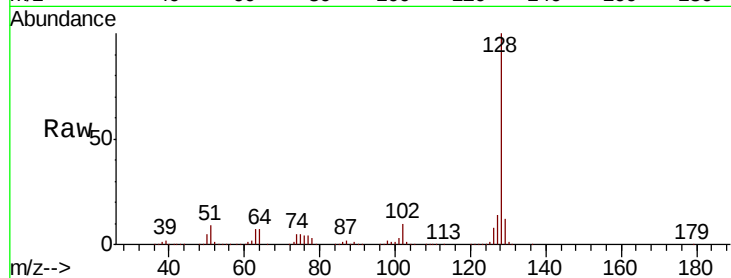
127 13.9 11.0 16.6

Manual Integrations

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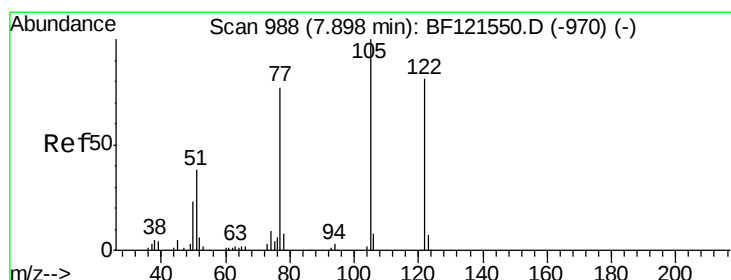
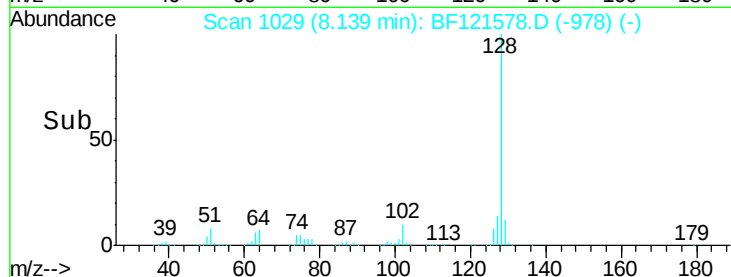
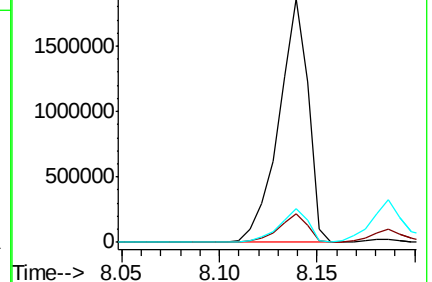
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.216 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

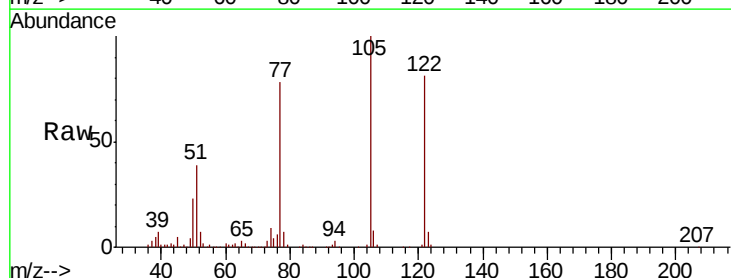
Tgt Ion:122 Resp: 432932

Ion Ratio Lower Upper

122 100

105 123.3 100.5 140.5

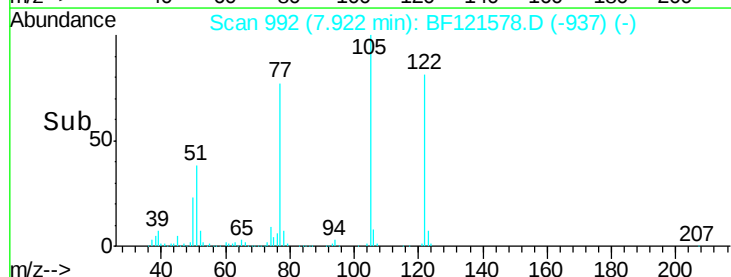
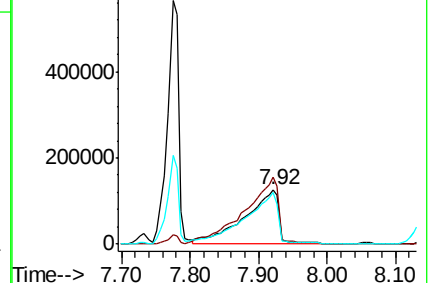
77 95.8 72.6 112.6

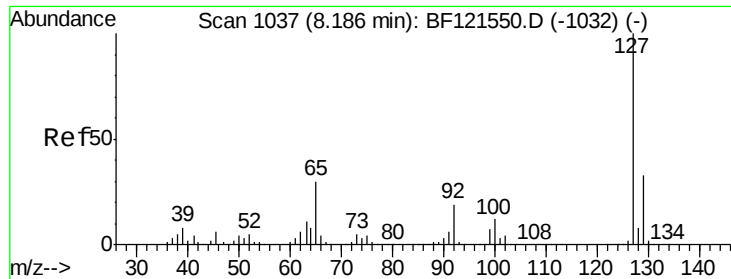


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





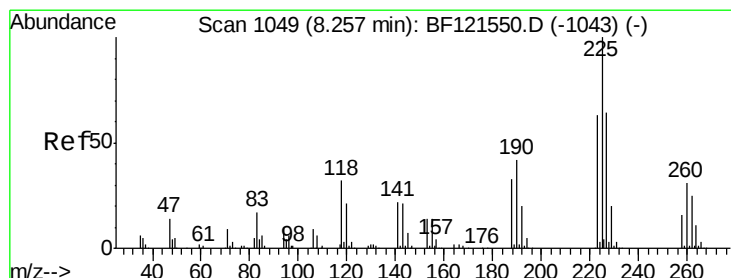
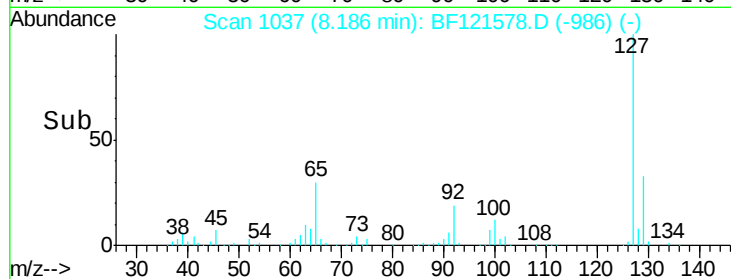
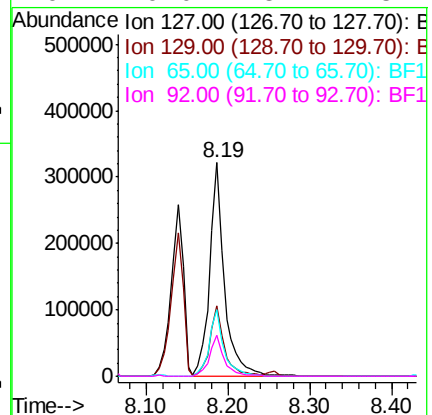
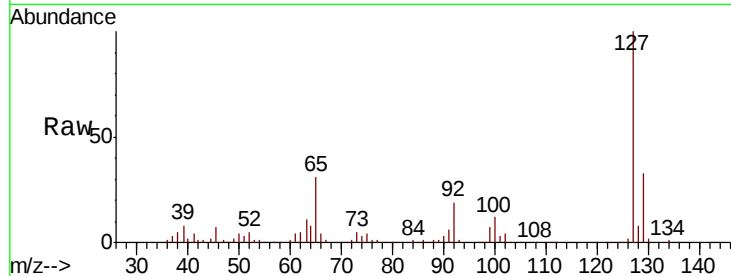
#33
 4-Chloroaniline
 Concen: 17.883 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.4	39.6		
65	30.9	24.4	36.6		
92	19.0	15.4	23.2		

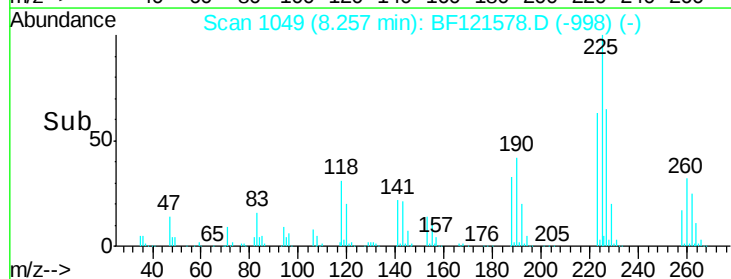
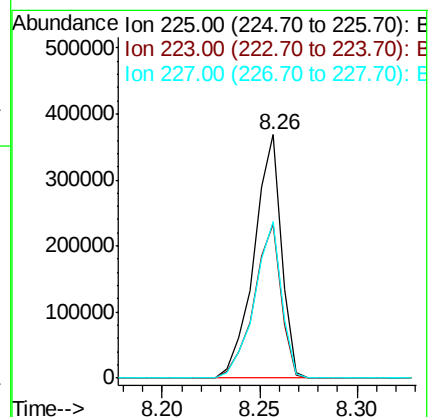
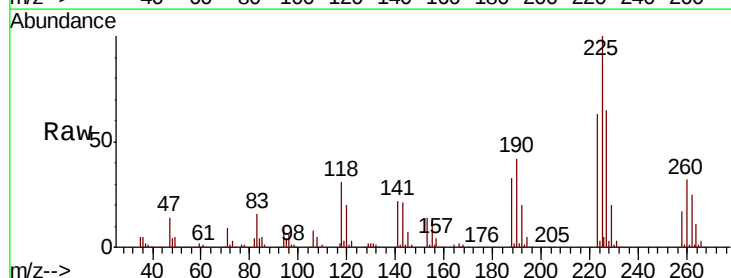
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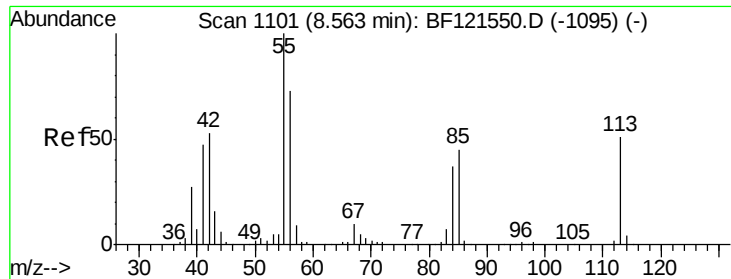
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#34
 Hexachlorobutadiene
 Concen: 38.563 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.2	75.2		
227	64.5	51.0	76.4		





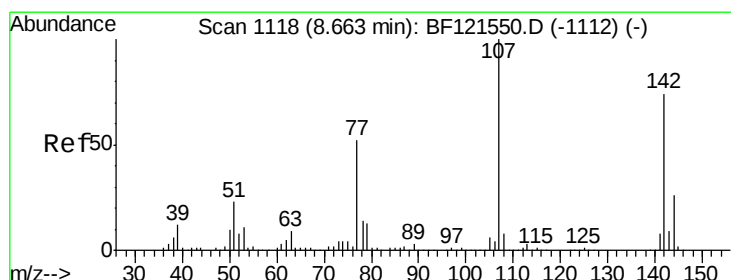
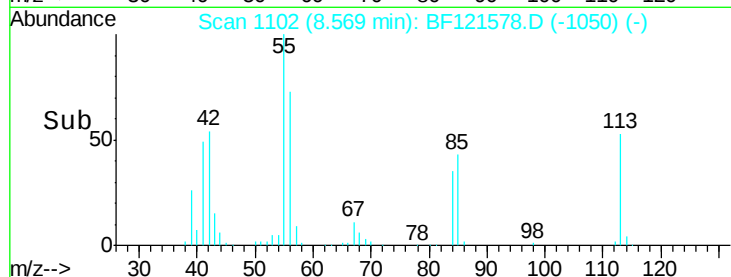
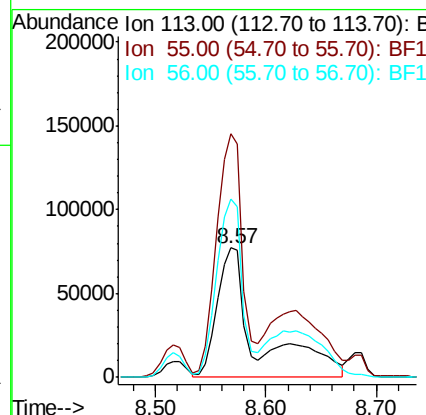
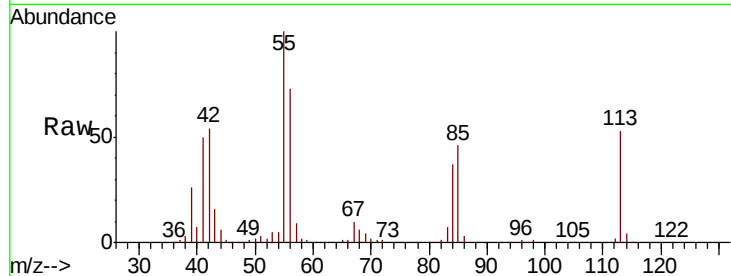
#35
Caprolactam
Concen: 39.463 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.8	176.2	216.2
56	137.5	123.9	163.9

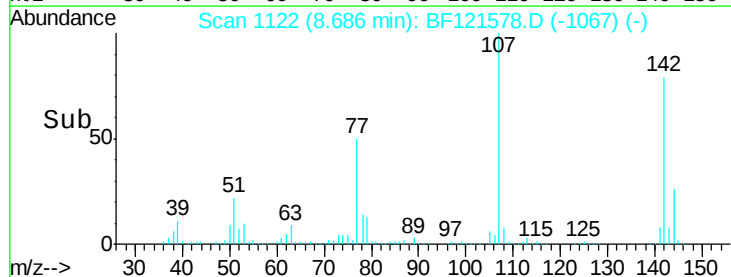
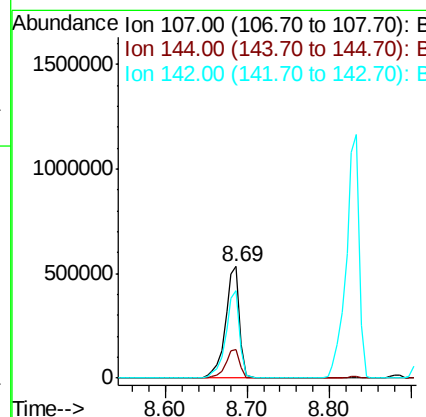
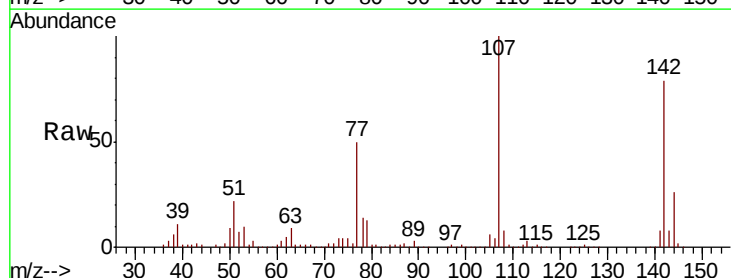
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#36
4-Chloro-3-methylphenol
Concen: 39.474 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	78.7	59.5	89.3





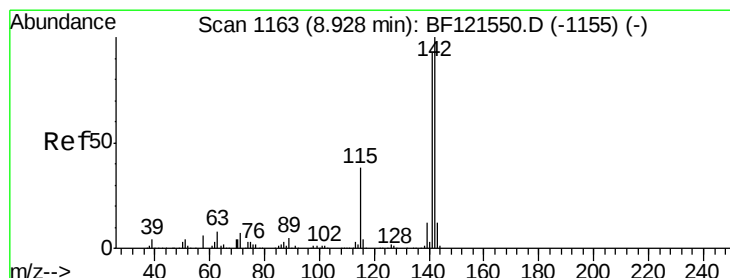
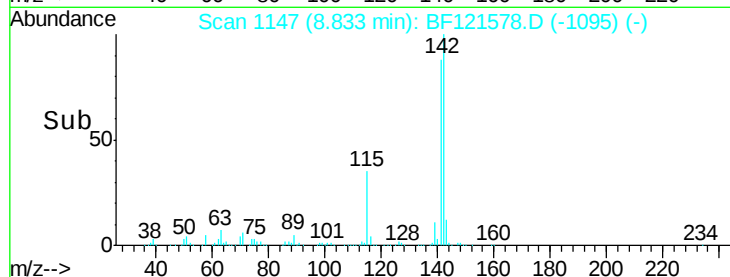
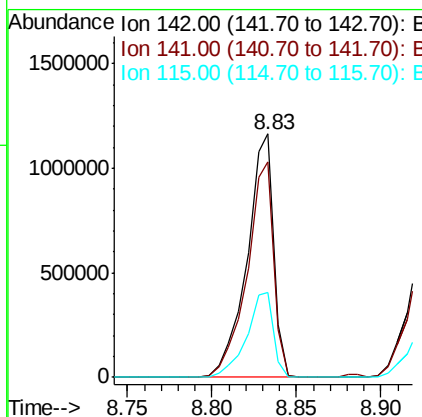
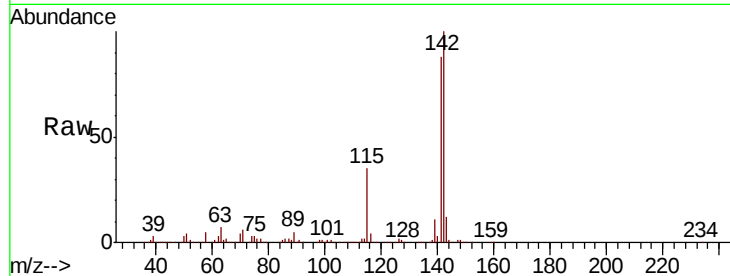
#37
2-Methylnaphthalene
Concen: 38.035 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.5	107.3
115	34.9	28.7	43.1

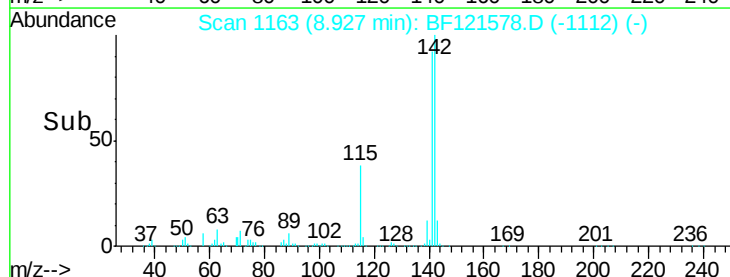
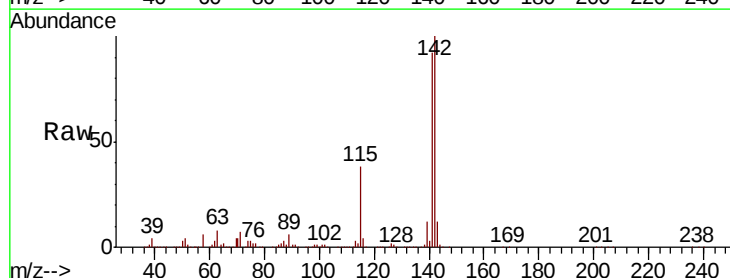
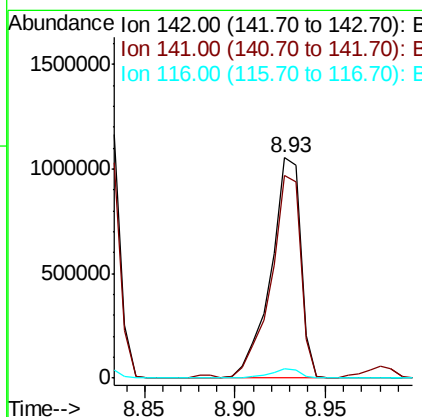
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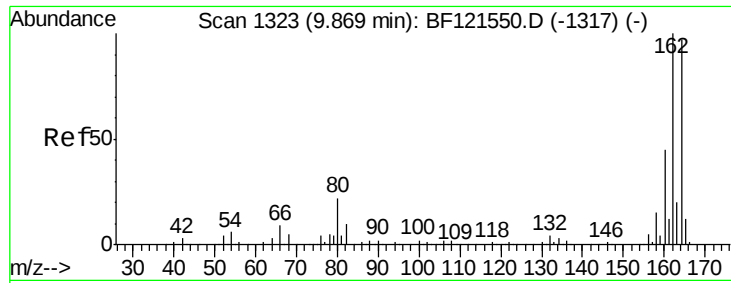
mohammad
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#38
1-Methylnaphthalene
Concen: 38.250 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.8	112.2
116	4.1	3.0	4.6





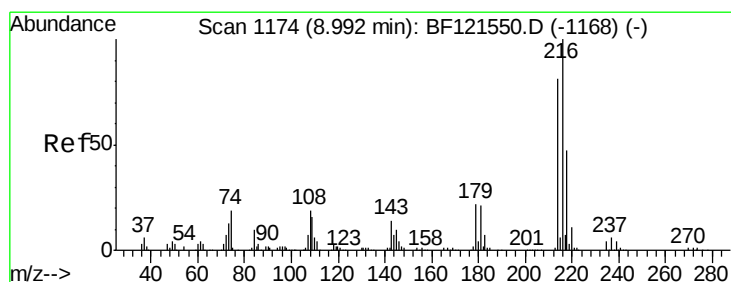
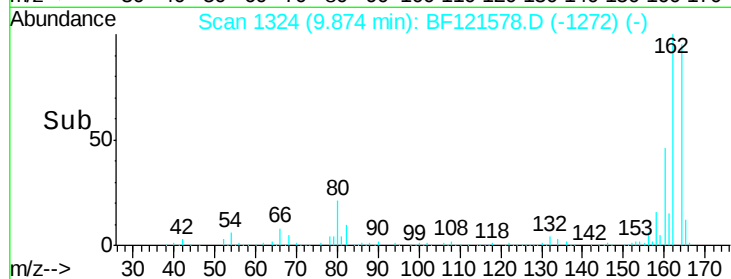
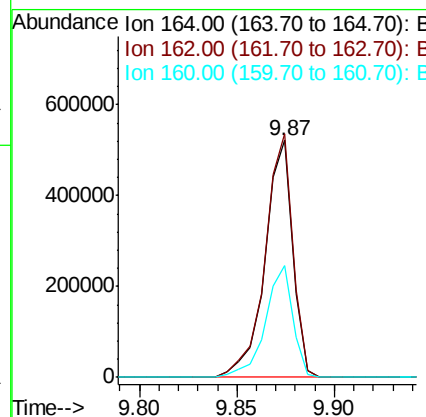
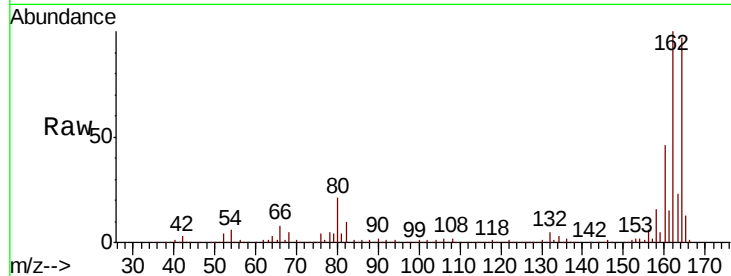
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.3	123.5
160	47.3	37.0	55.4

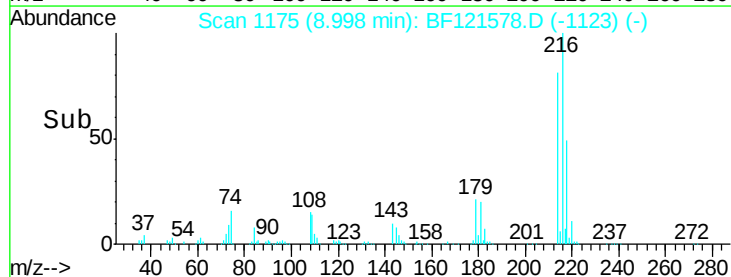
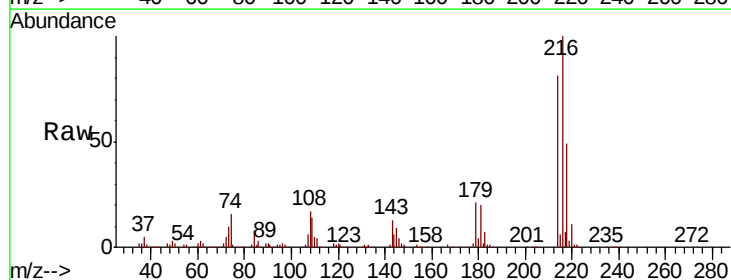
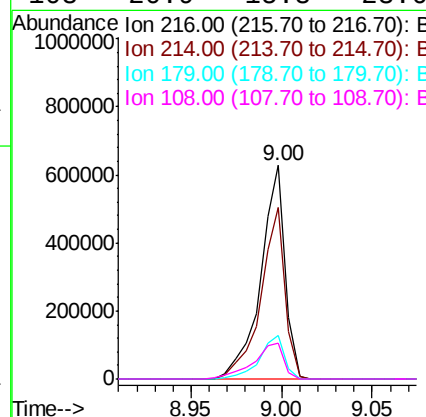
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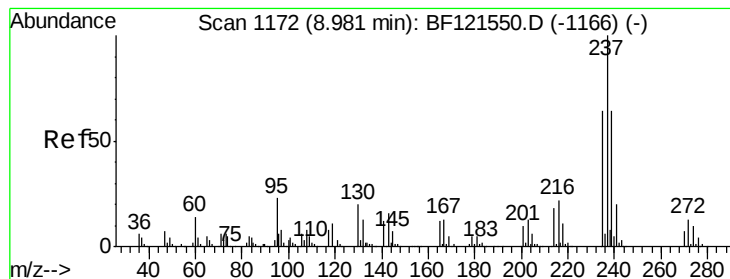
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.609 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.9	16.6	25.0
108	20.9	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 59.427 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

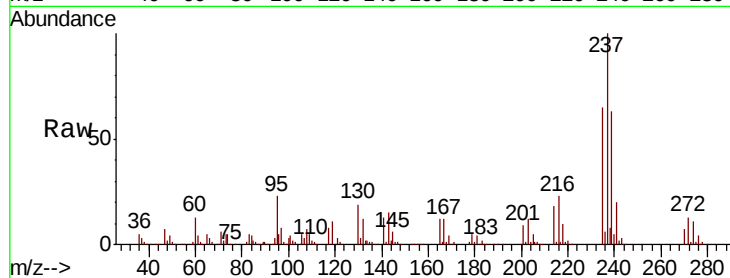
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

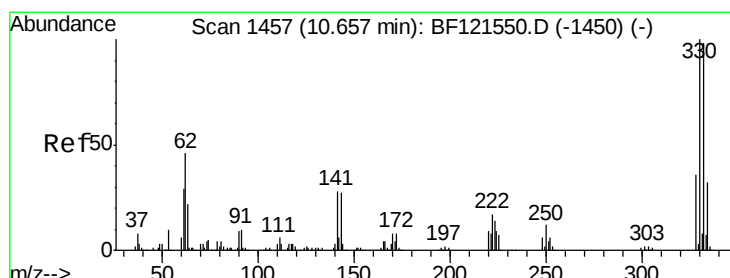
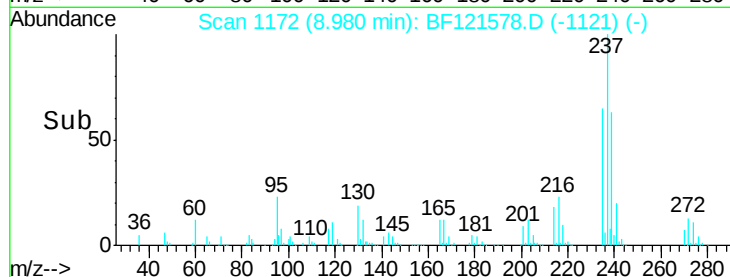
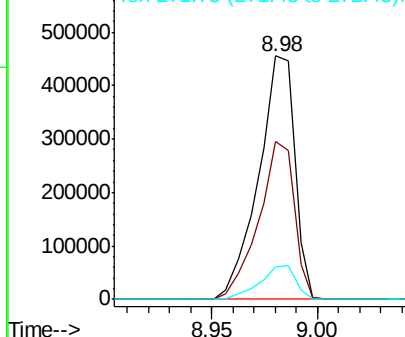
Tot Ion:	237	Resp:	545882
Ion Ratio	Lower	Upper	
237	100		
235	64.8	44.0	84.0
272	13.3	0.0	33.4

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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: 87.074 ng

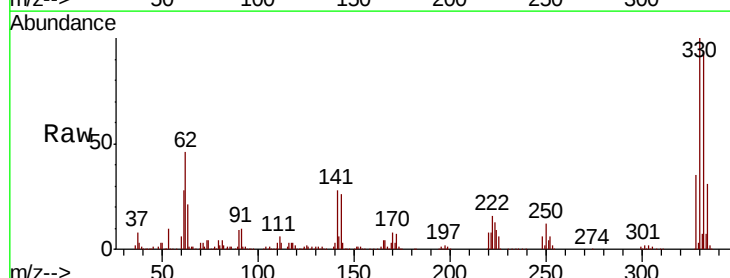
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

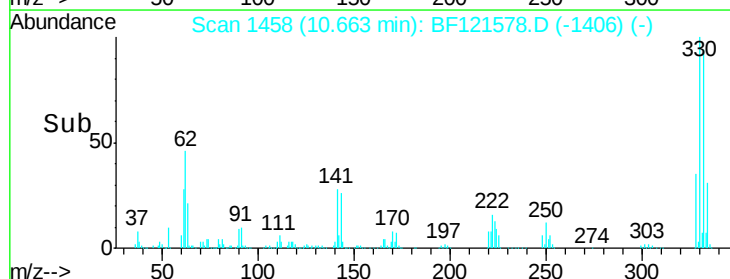
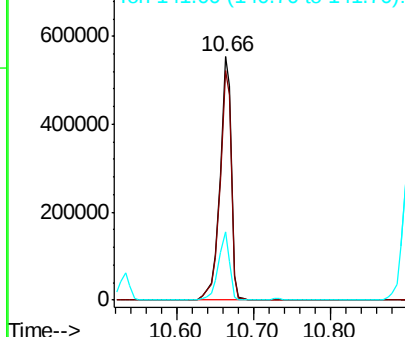
Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Tgt Ion:	330	Resp:	557282
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.1	115.7
141	27.7	23.6	35.4



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





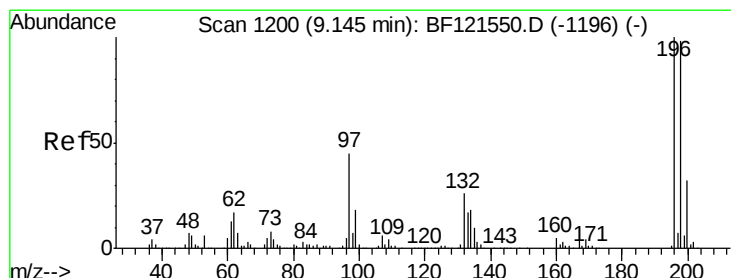
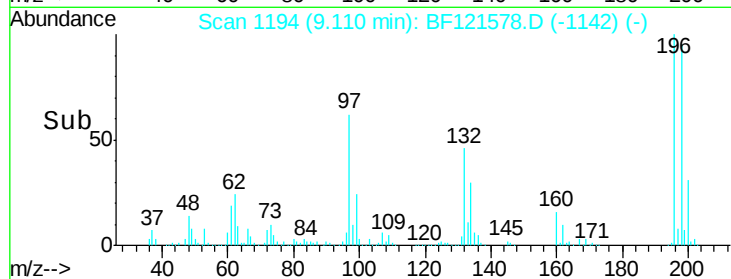
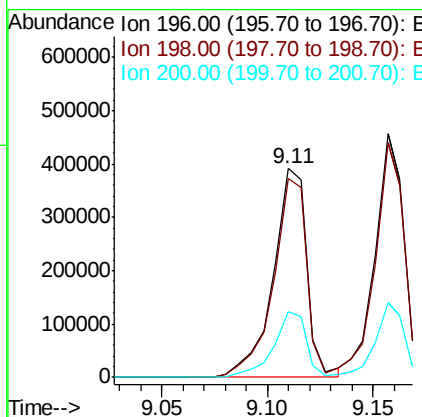
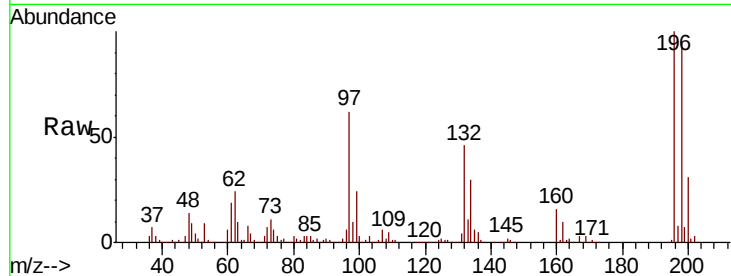
#43
 2,4,6-Trichlorophenol
 Concen: 39.974 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	438270		
198	94.9	75.6	113.4	
200	31.2	24.0	36.0	

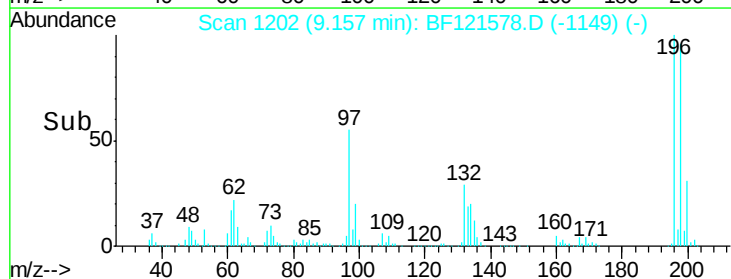
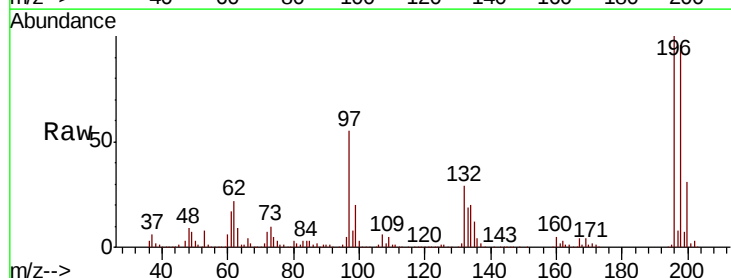
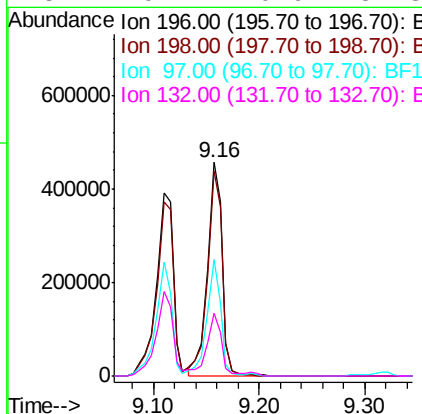
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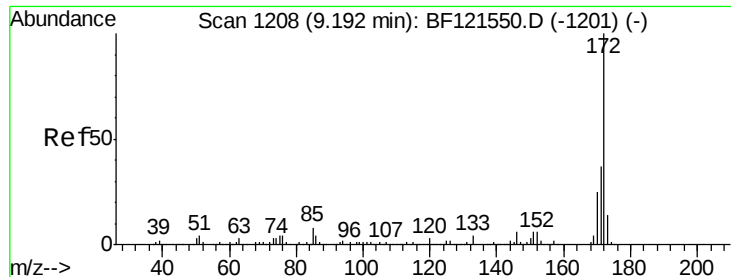
mohammad
 9/16/2020 10:14:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.159 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	442291		
198	96.2	78.1	117.1	
97	54.6	36.8	55.2	
132	29.4	20.9	31.3	





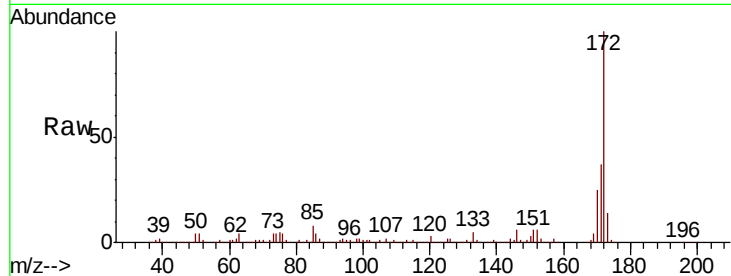
#45
2-Fluorobiphenyl
Concen: 59.539 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.8	19.8	29.8

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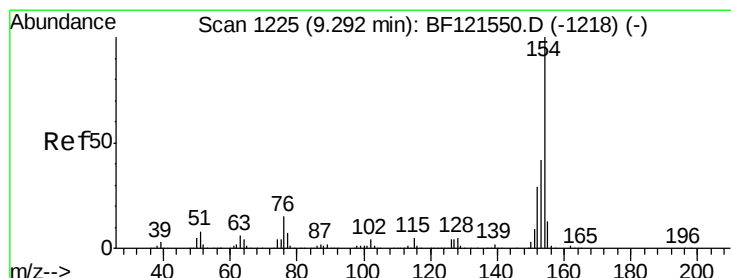
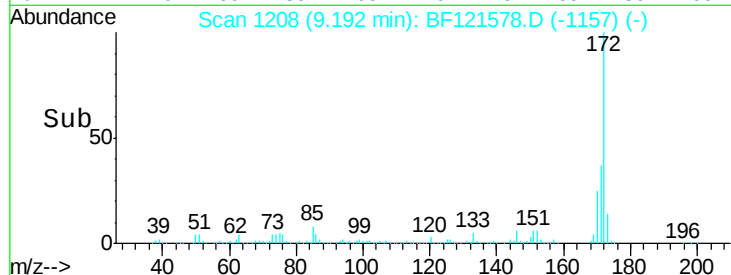
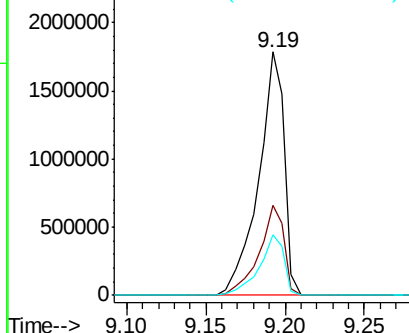


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.066 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

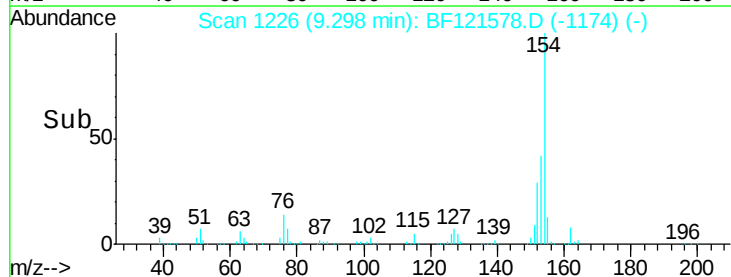
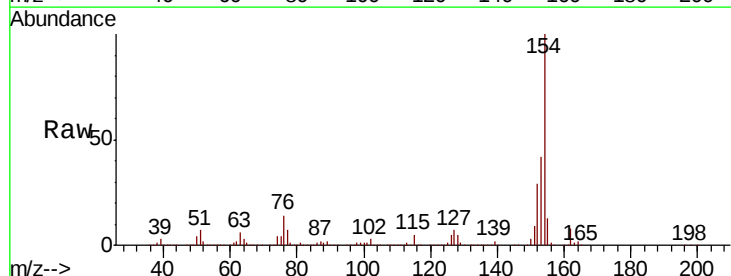
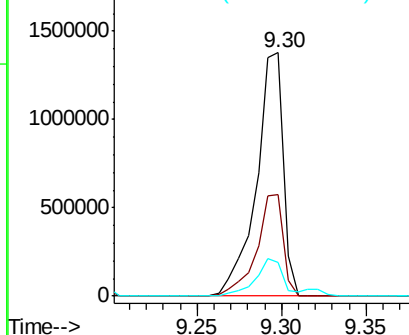
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.7	61.7
76	13.7	0.0	35.5

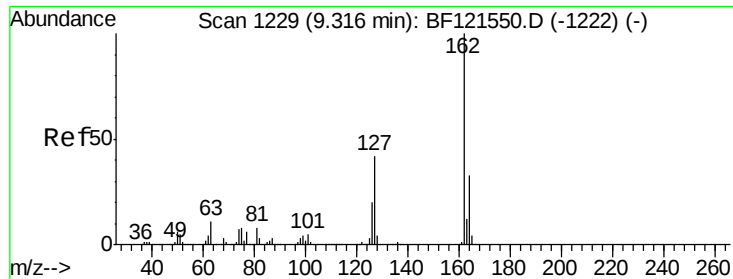
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 36.620 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:162 Resp: 1189633

Ion Ratio Lower Upper

162 100

127 41.6 33.9 50.9

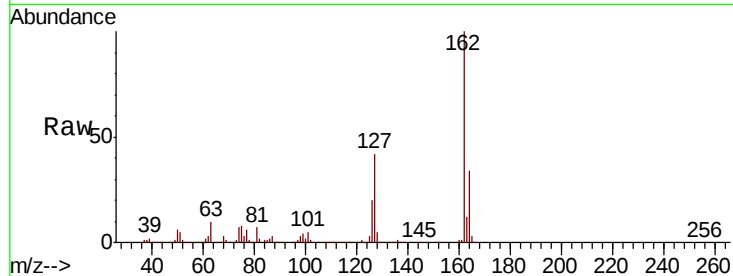
164 33.7 26.7 40.1

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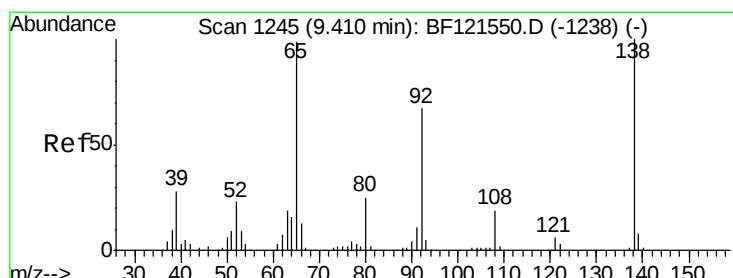
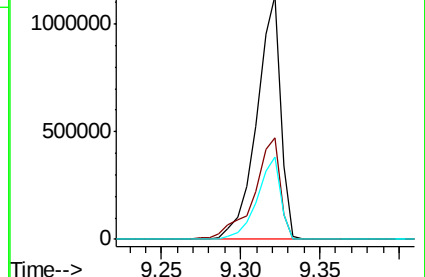
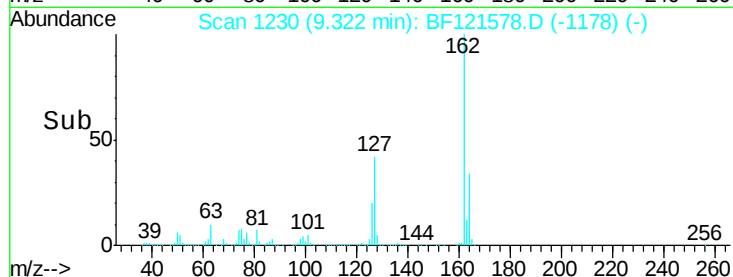
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.860 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

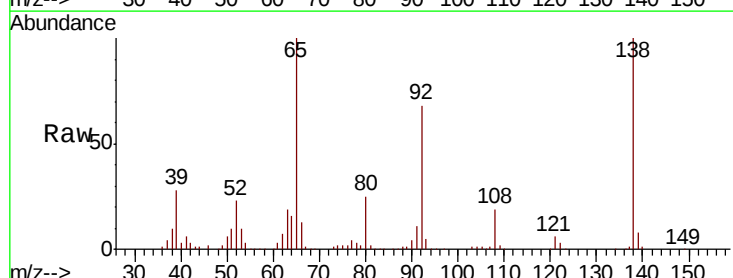
Tgt Ion: 65 Resp: 422577

Ion Ratio Lower Upper

65 100

92 68.1 54.2 81.4

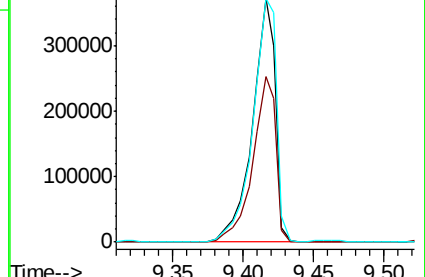
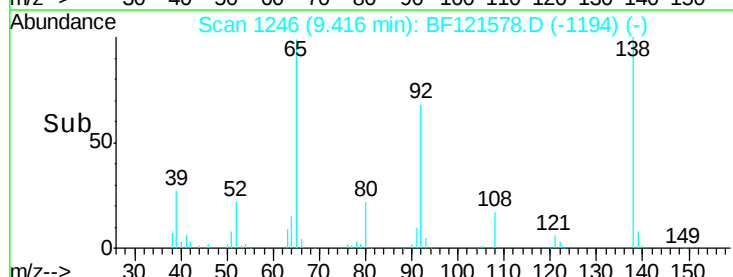
138 100.0 80.8 121.2

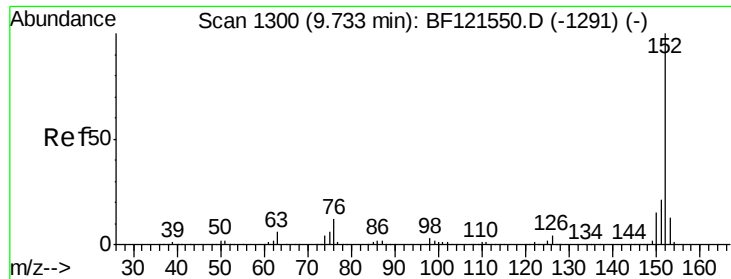


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





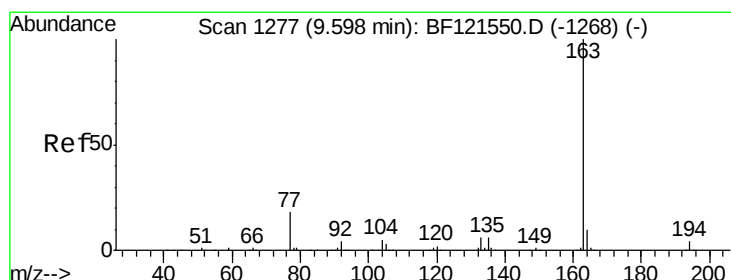
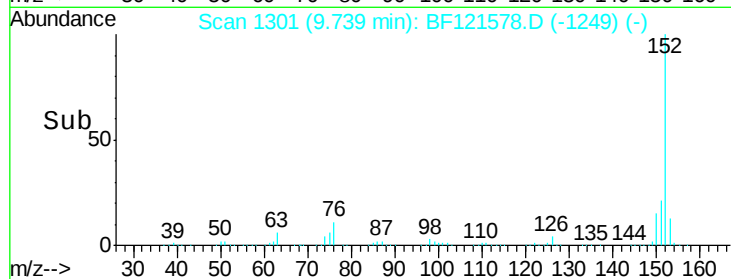
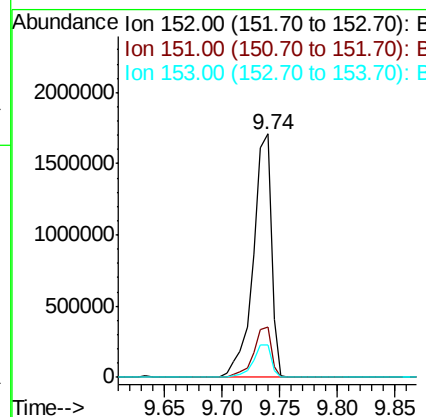
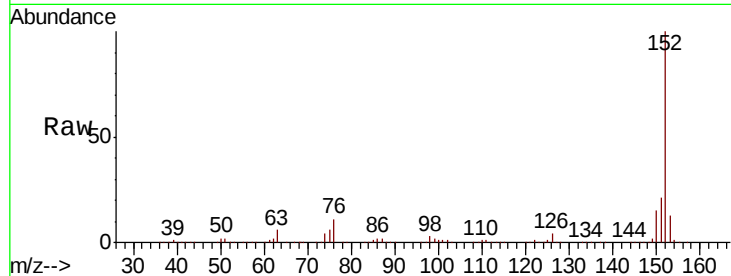
#49
Acenaphthylene
Concen: 37.444 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	24.8
153	13.3	10.7	16.1

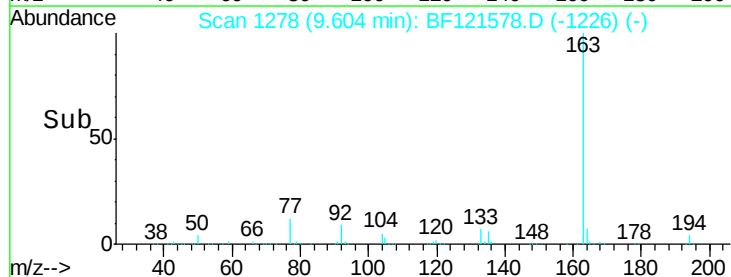
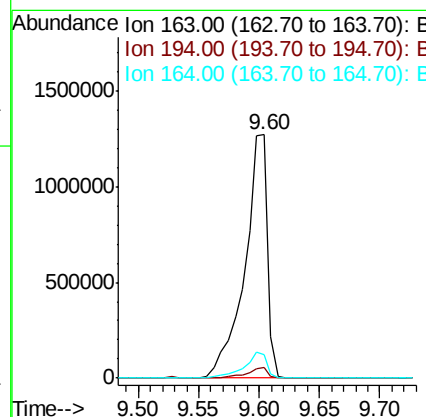
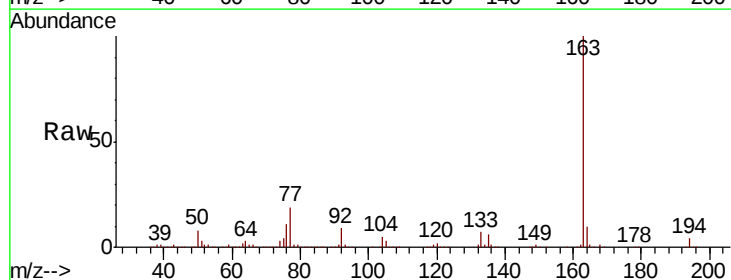
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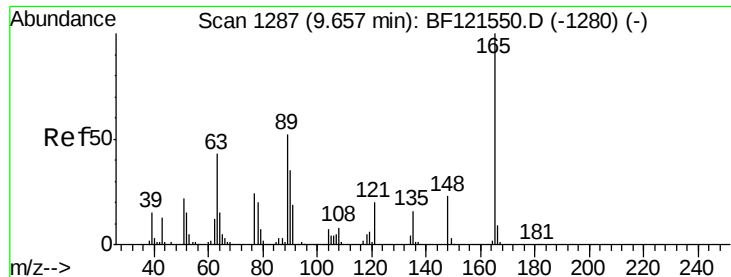
mohammad
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#50
Dimethylphthalate
Concen: 44.645 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	7.9	11.9





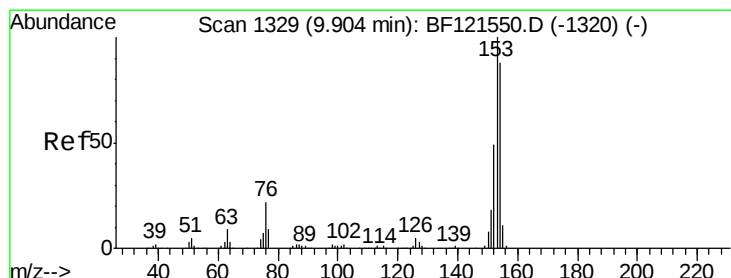
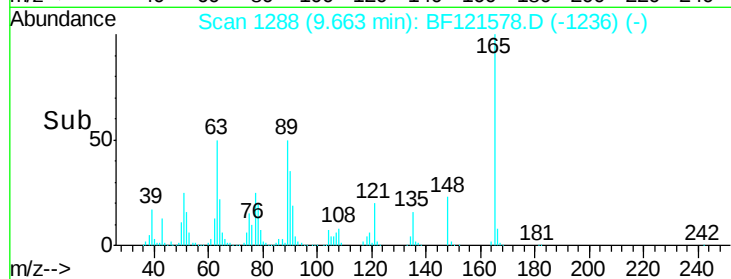
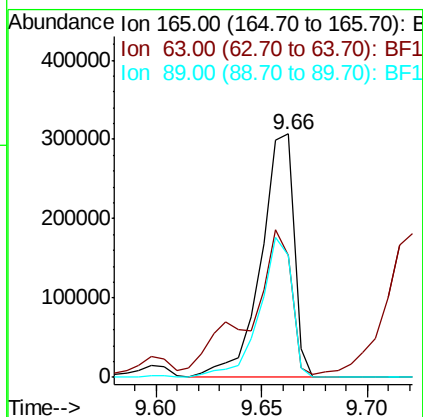
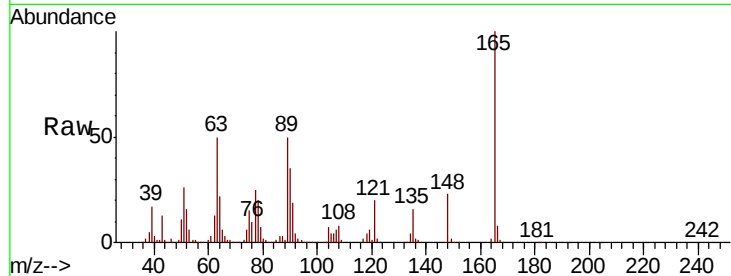
#51
 2,6-Dinitrotoluene
 Concen: 42.101 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	334637		
63	50.0		40.6	61.0
89	49.9		41.8	62.8

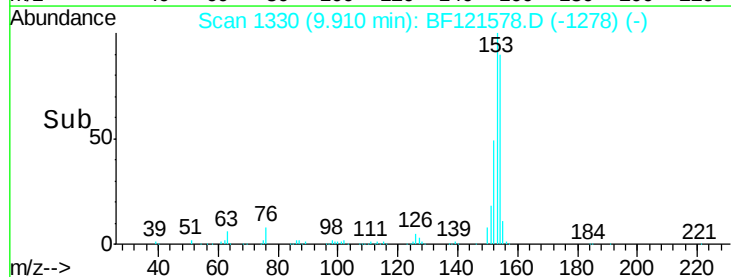
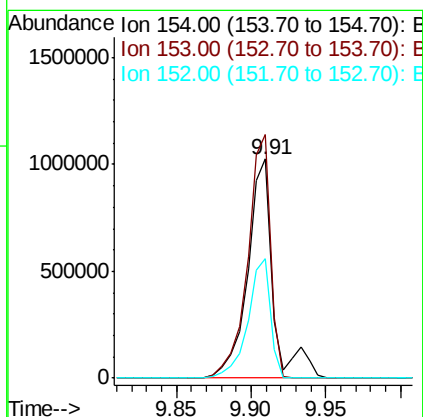
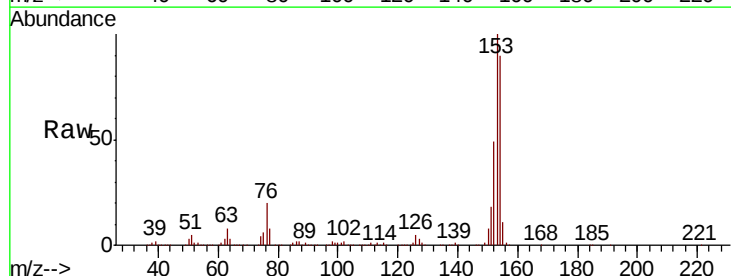
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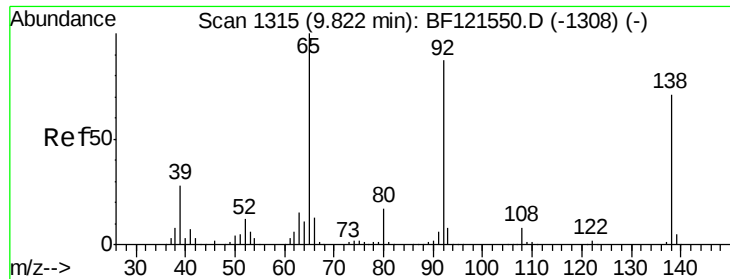
mohammad
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#52
 Acenaphthene
 Concen: 39.073 ng m
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1231835		
153	111.2		91.0	136.4
152	54.8		44.2	66.2





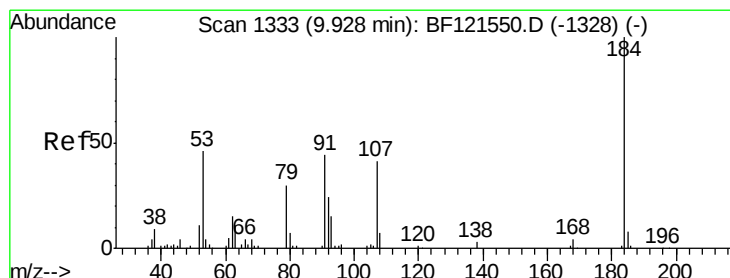
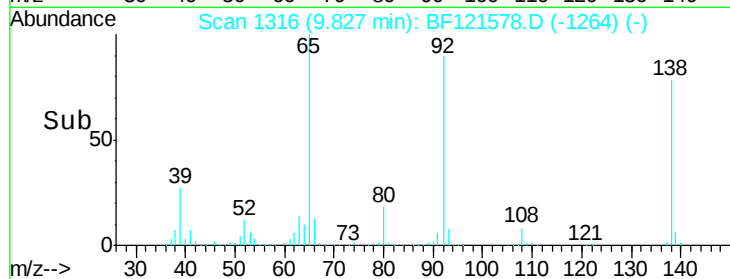
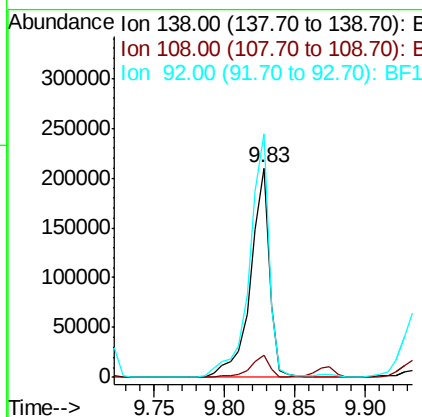
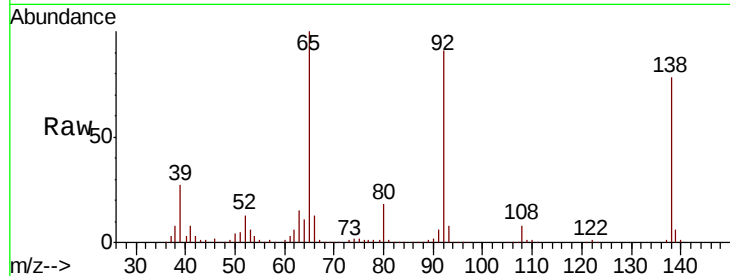
#53
 3-Nitroaniline
 Concen: 21.716 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	116.4	97.4	146.0

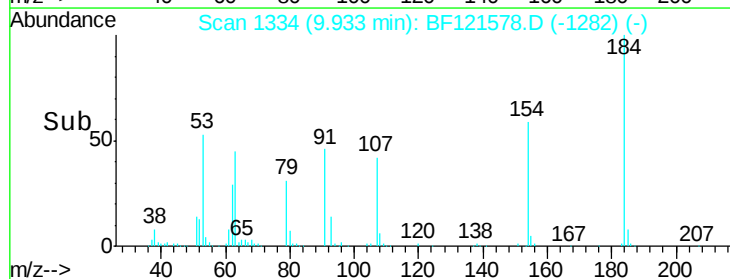
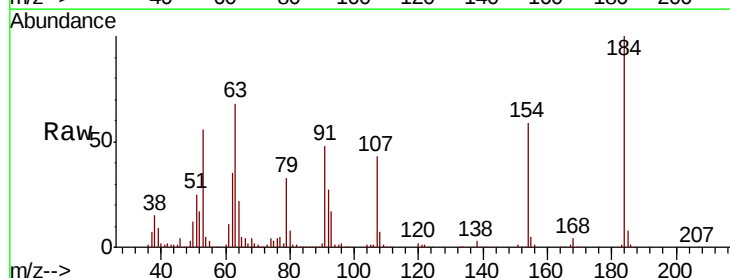
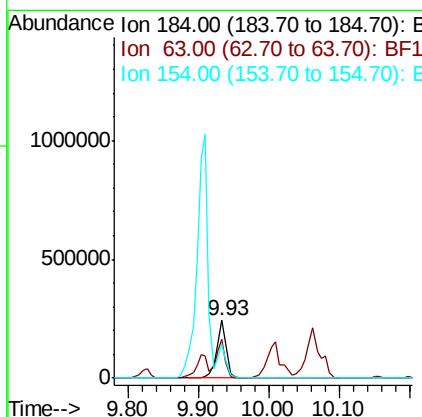
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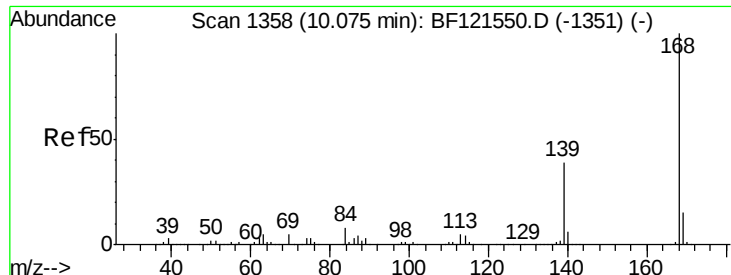
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#54
 2,4-Dinitrophenol
 Concen: 54.020 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.5	47.7	71.5
154	59.2	47.2	70.8





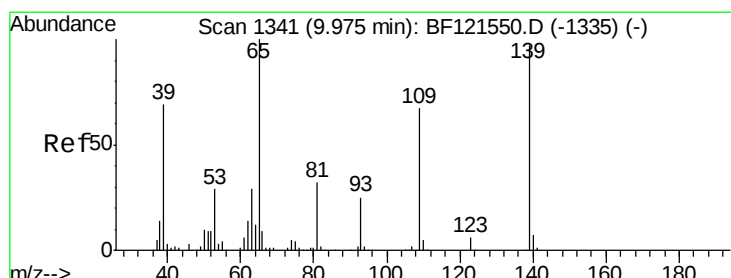
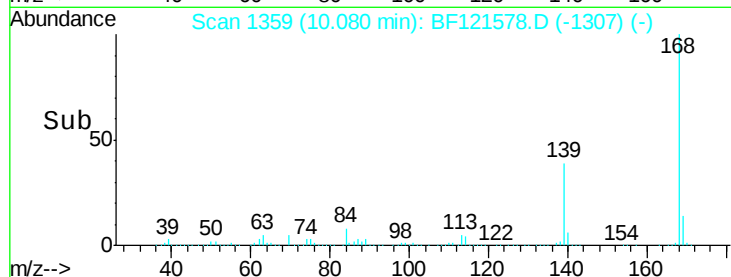
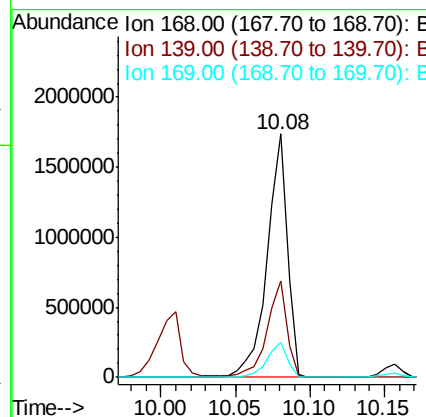
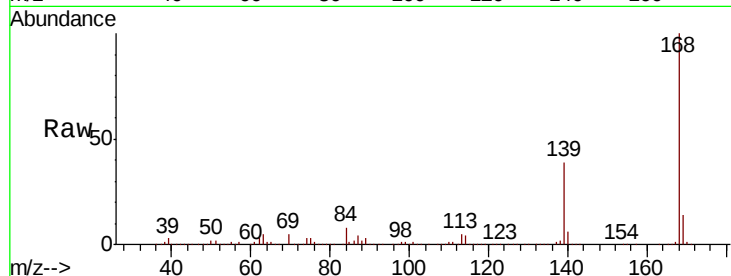
#55
Dibenzofuran
Concen: 36.401 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.4	47.0
169	14.4	11.9	17.9

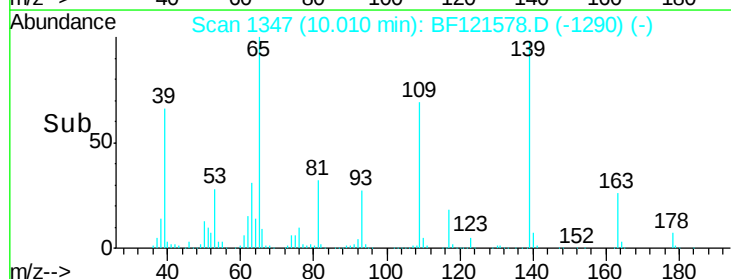
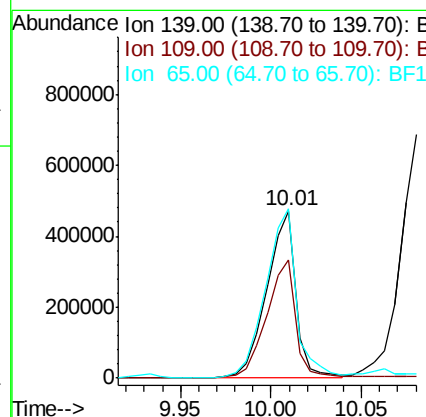
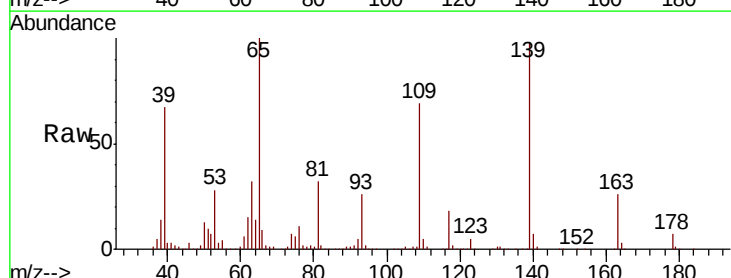
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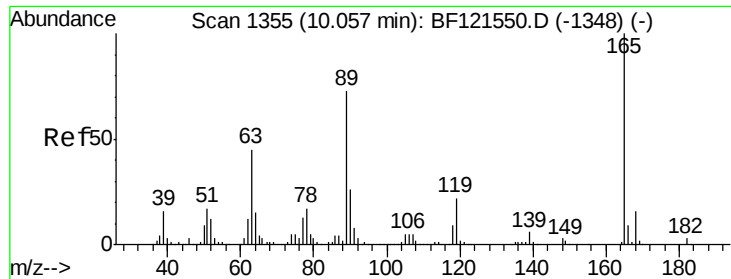
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#56
4-Nitrophenol
Concen: 71.846 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.04 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.4	48.8	88.8
65	101.7	83.6	123.6





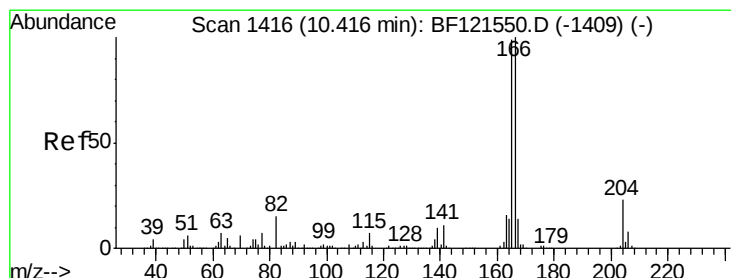
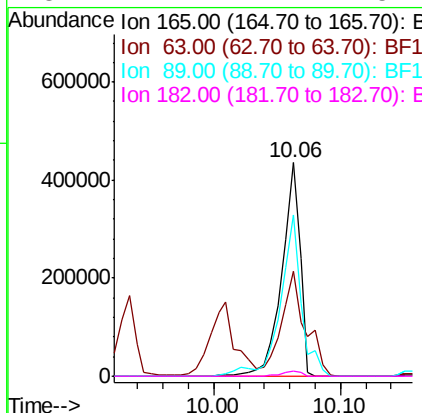
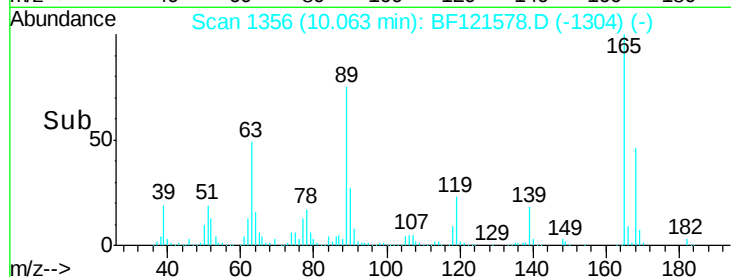
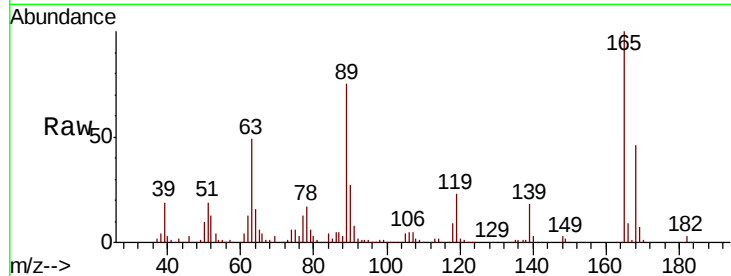
#57
2,4-Dinitrotoluene
Concen: 43.619 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	36.2	54.4
89	75.3	58.2	87.4
182	2.7	2.2	3.2

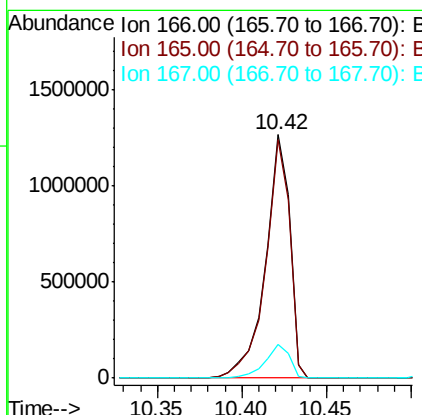
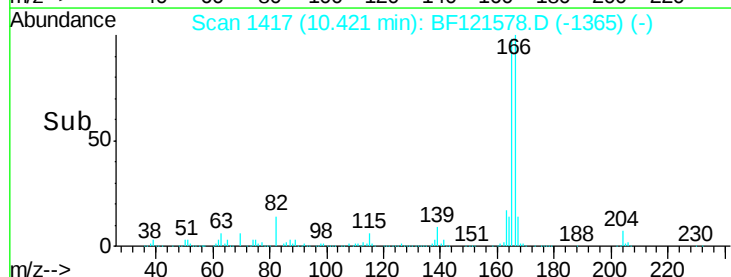
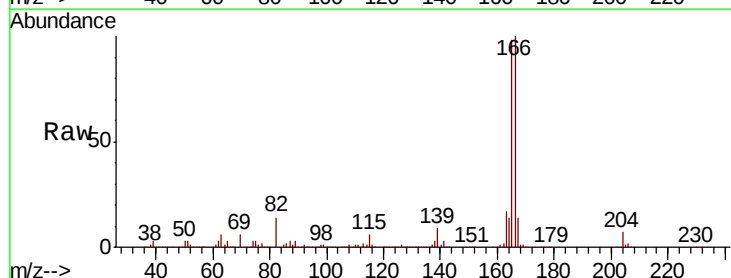
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#58
Fluorene
Concen: 37.024 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.8	11.0	16.6





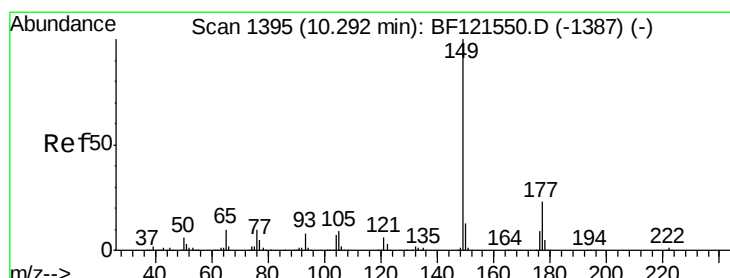
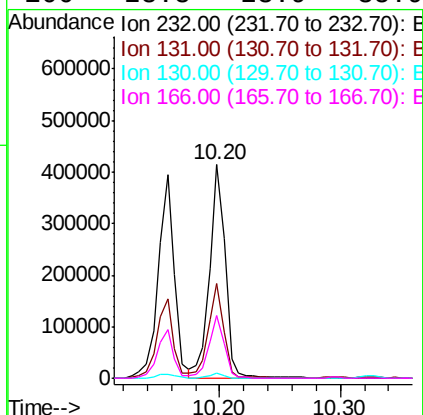
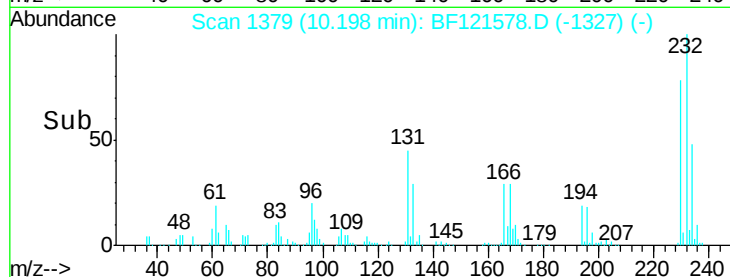
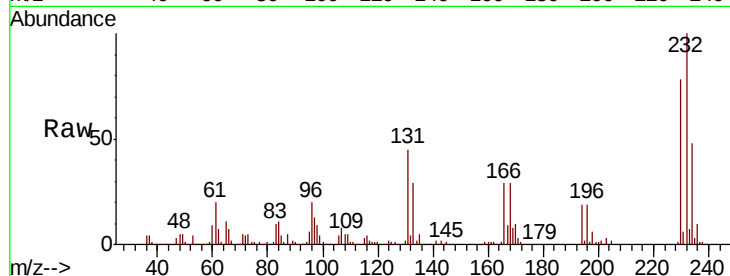
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.397 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	36.3	54.5
130	2.2	1.9	2.9
166	28.8	23.9	35.9

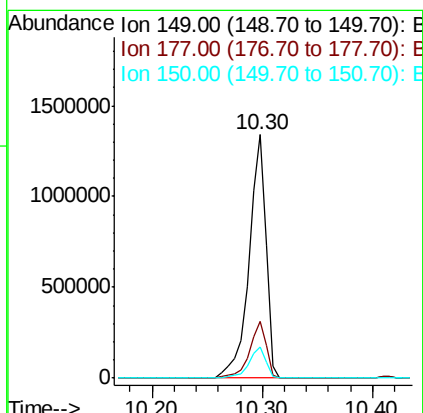
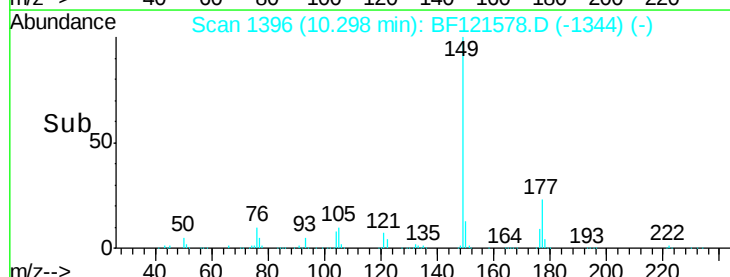
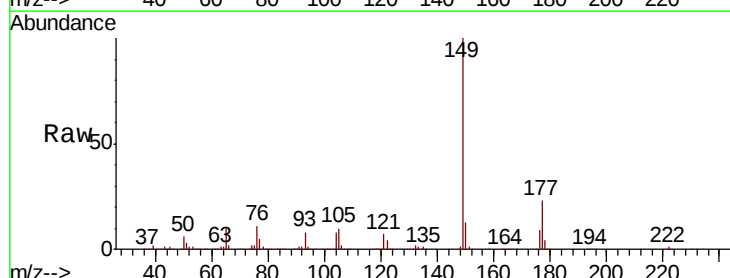
Manual Integrations
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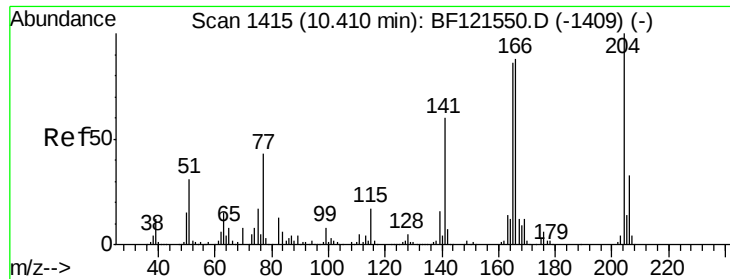
mohammad
 9/16/2020 10:14:46 AM



#60
 Diethylphthalate
 Concen: 39.682 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.2	27.2
150	13.0	10.2	15.2





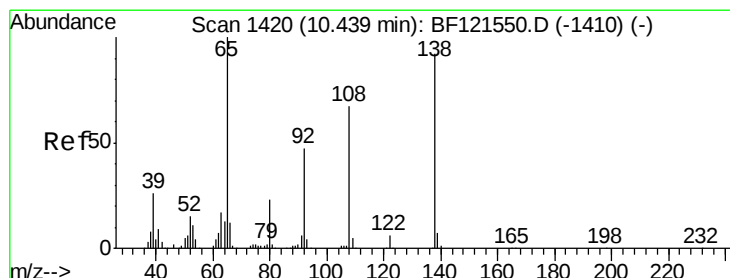
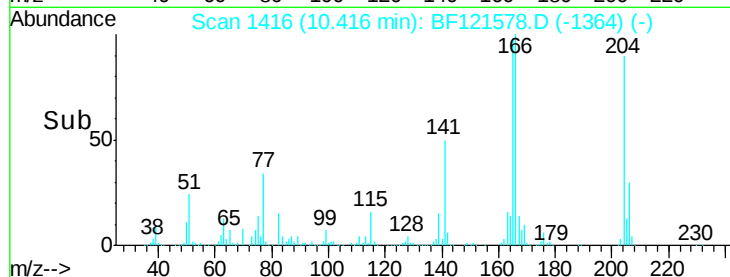
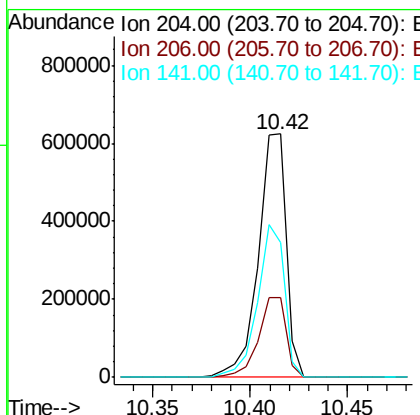
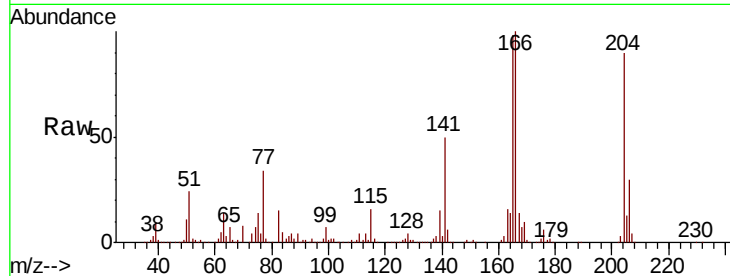
#61
 4-Chlorophenyl-phenylether
 Concen: 38.152 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	204	Resp:	620503
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.4	39.6
141	55.4	48.3	72.5

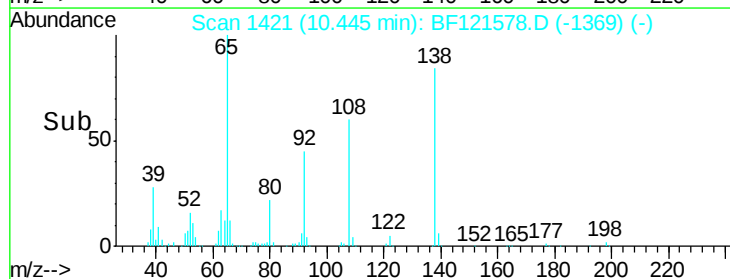
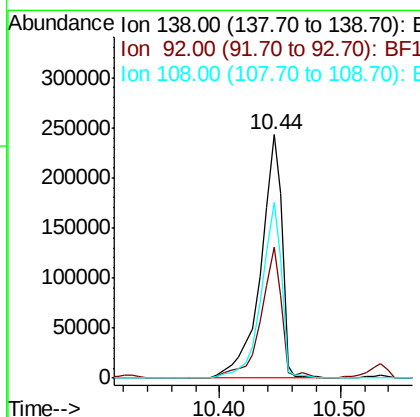
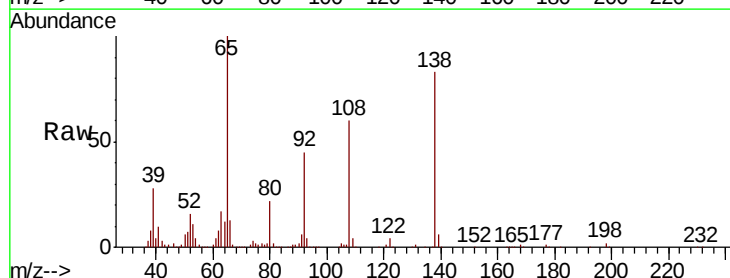
Manual Integrations
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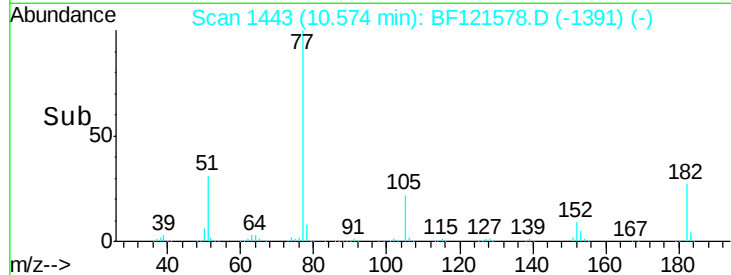
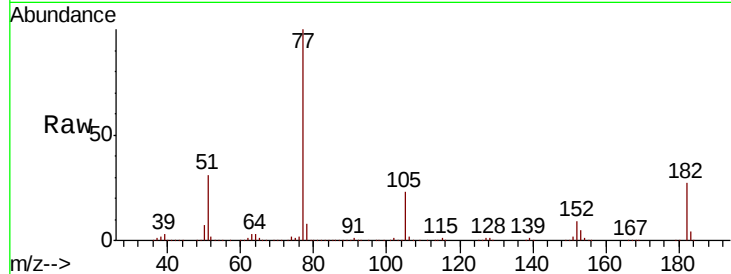
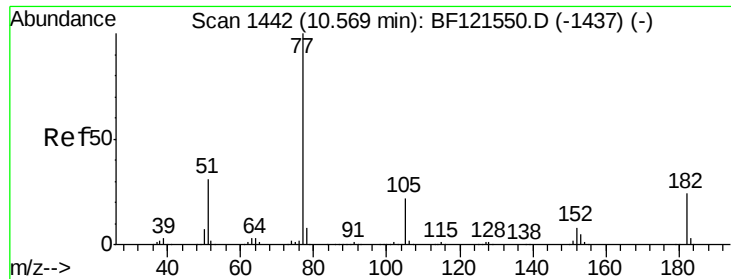
mohammad
 9/16/2020 10:14:46 AM



#62
 4-Nitroaniline
 Concen: 32.849 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion:	138	Resp:	300315
Ion Ratio	Lower	Upper	
138	100		
92	54.0	31.4	71.4
108	72.1	52.4	92.4





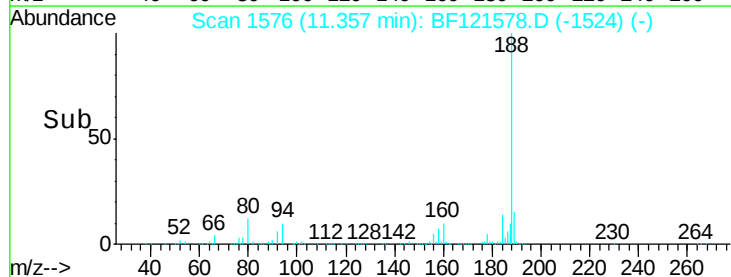
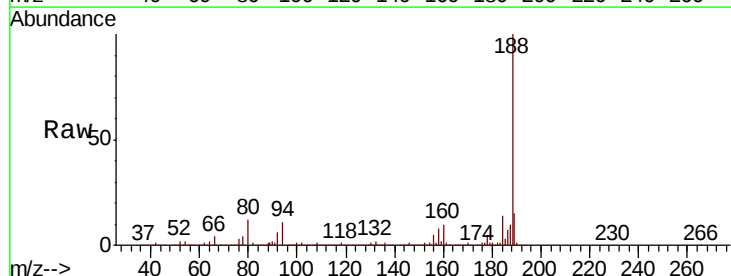
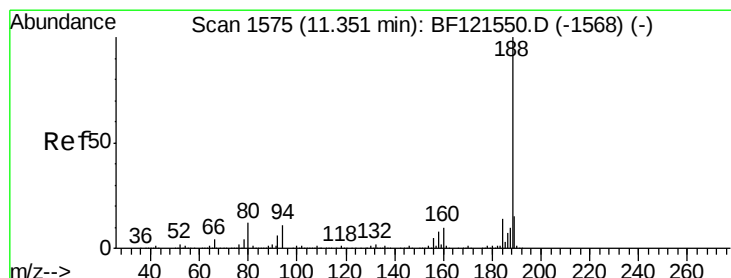
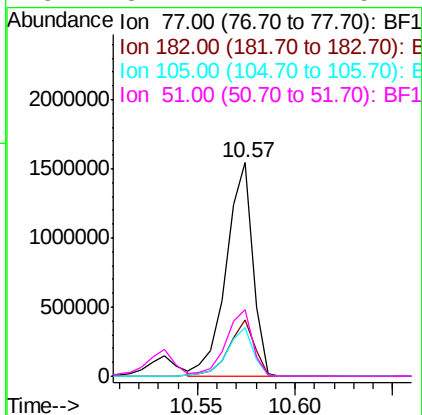
#63
Azobenzene
Concen: 37.544 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tot Ion: 77 Resp: 1454856
Ion Ratio Lower Upper
77 100
182 26.5 3.9 43.9
105 22.7 2.2 42.2
51 31.2 11.1 51.1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

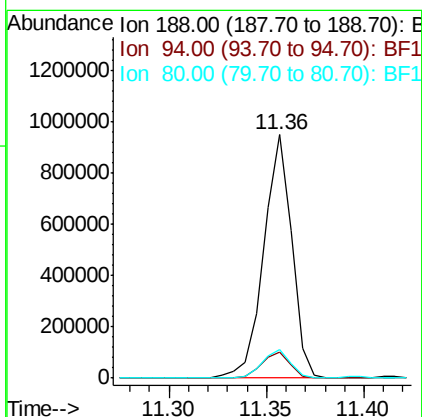
Manual Integrations
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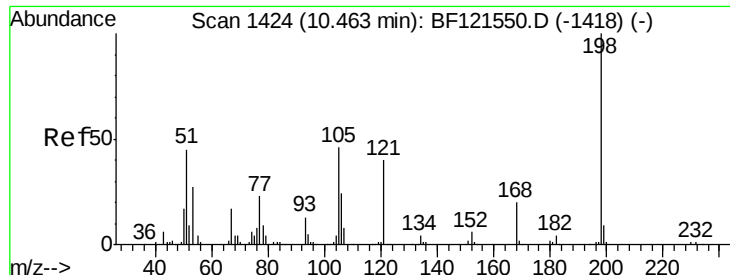
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion: 188 Resp: 940920
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 11.8 9.3 13.9





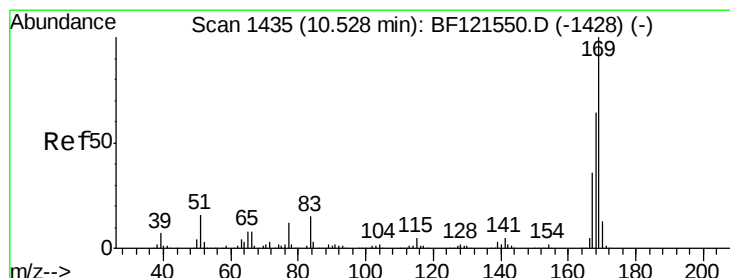
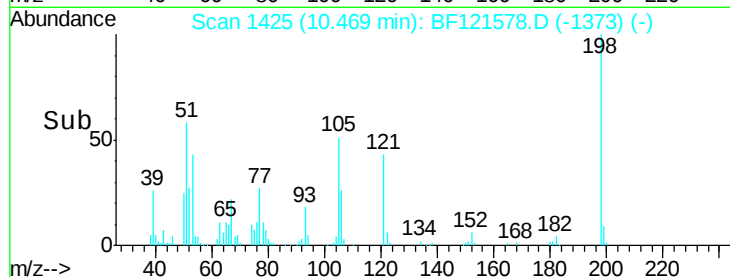
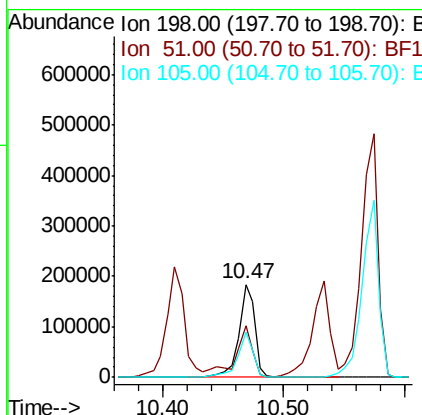
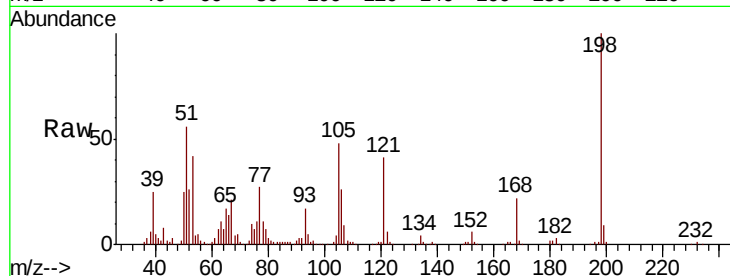
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.407 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.8	31.1	71.1
105	48.5	26.6	66.6

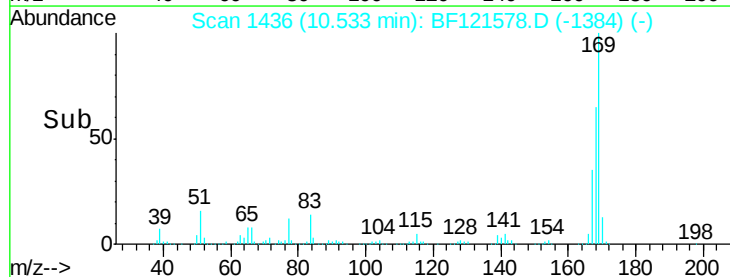
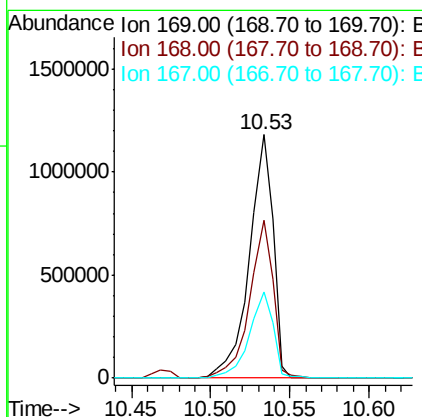
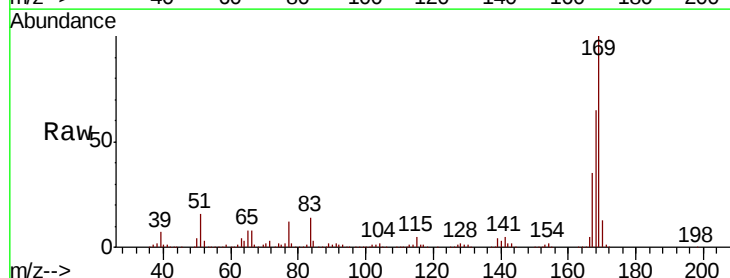
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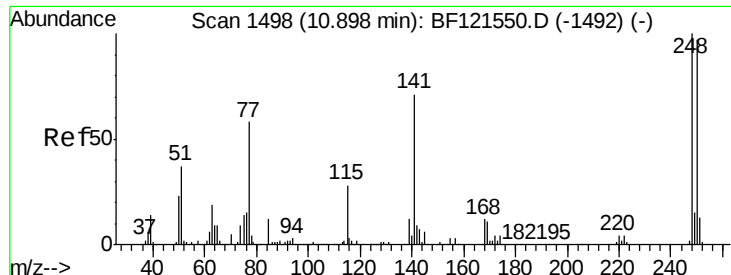
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#66
 n-Nitrosodiphenylamine
 Concen: 38.185 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.2	76.8
167	35.4	28.9	43.3





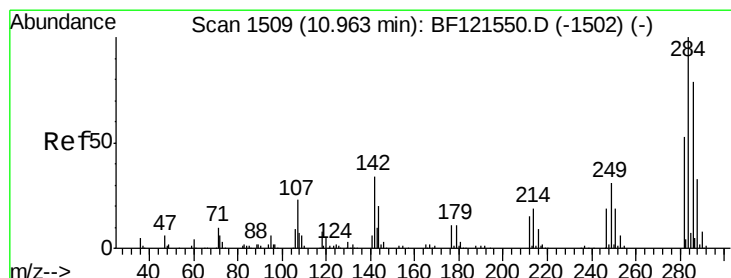
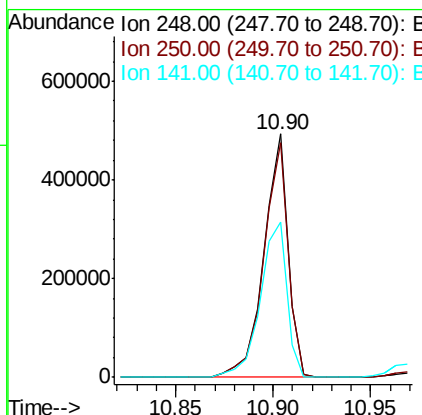
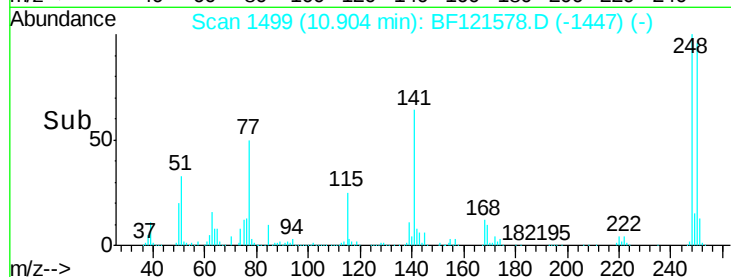
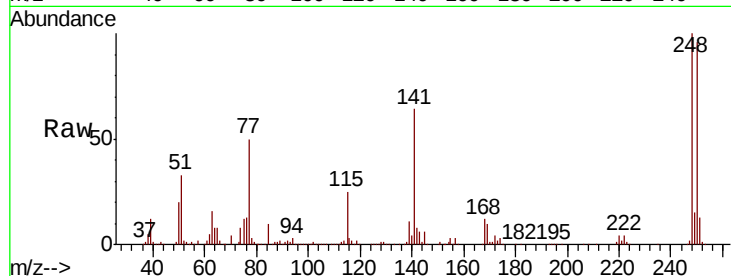
#67
 4-Bromophenyl-phenylether
 Concen: 39.578 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	248	Resp:	423986
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.4	116.0
141	63.9	56.7	85.1

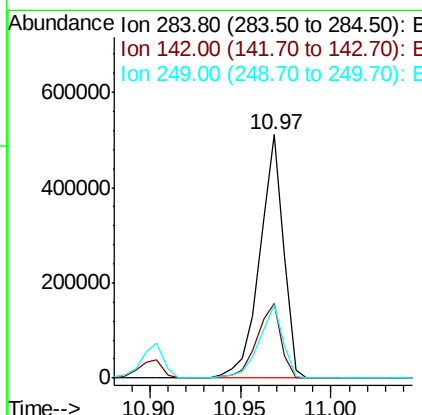
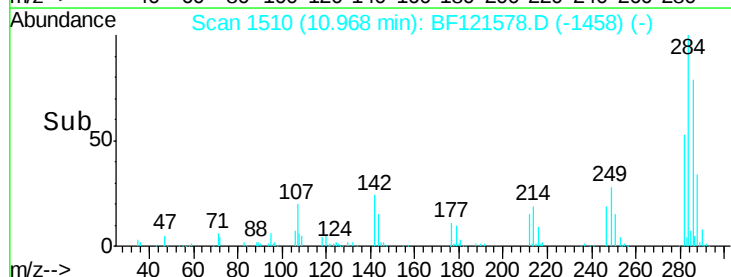
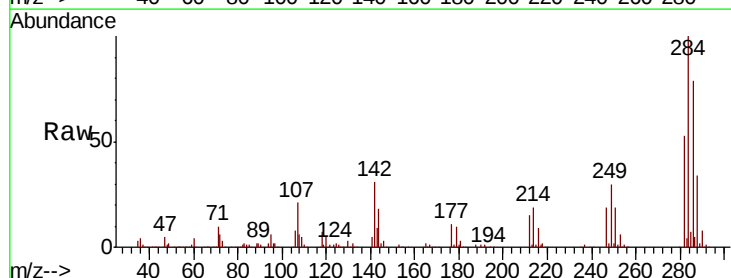
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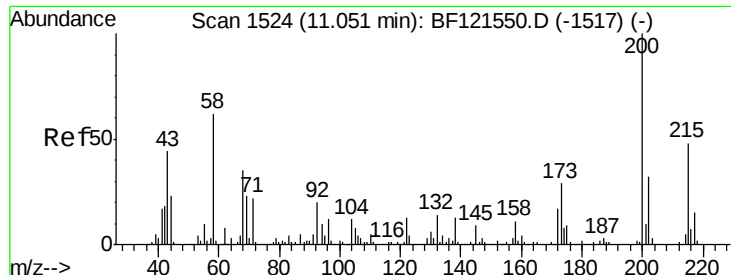
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.591 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion:	284	Resp:	466554
Ion Ratio	Lower	Upper	
284	100		
142	30.6	27.0	40.4
249	30.0	24.7	37.1





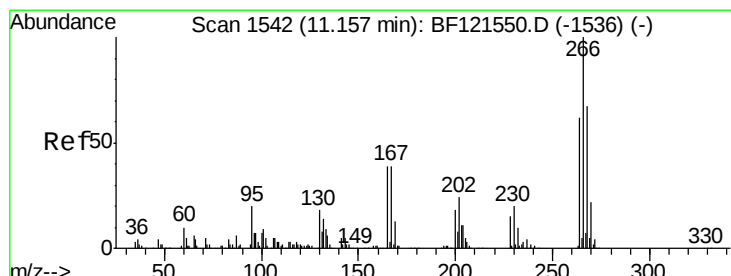
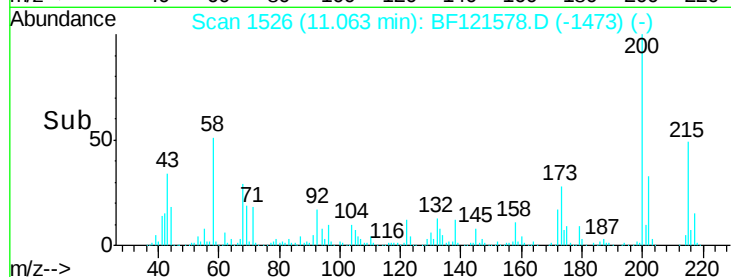
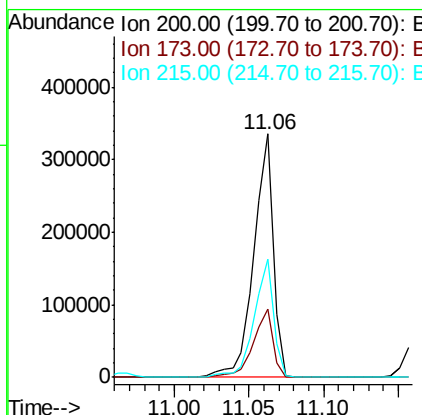
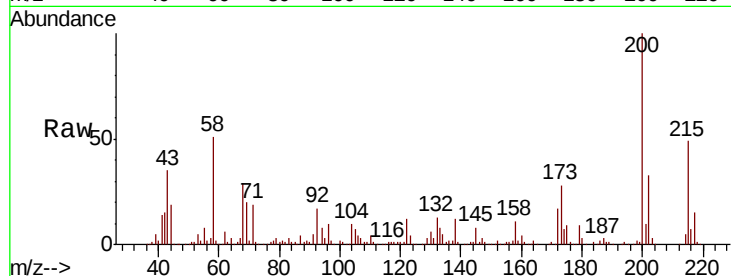
#69
Atrazine
Concen: 37.566 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	301279		
173	27.9	8.5	48.5	
215	48.5	27.8	67.8	

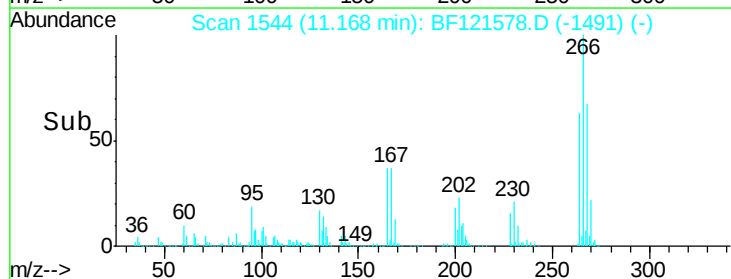
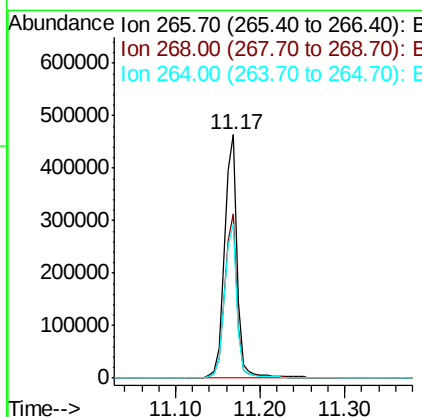
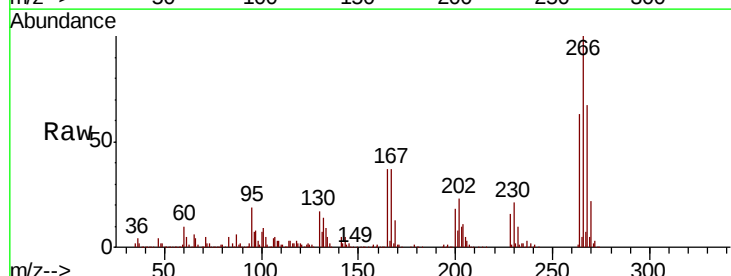
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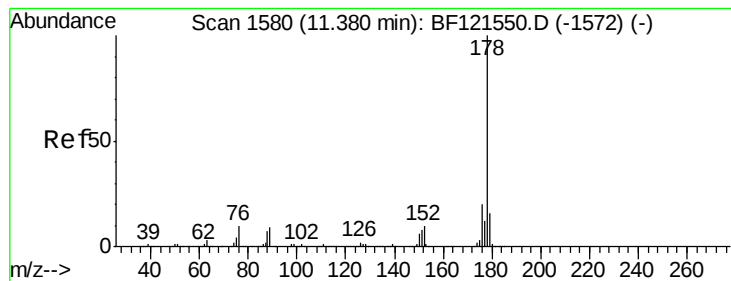
mohammad
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#70
Pentachlorophenol
Concen: 72.838 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	483611		
268	67.2	53.5	80.3	
264	63.2	49.8	74.8	





#71

Phenanthrene

Concen: 36.330 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:178 Resp: 1862458

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

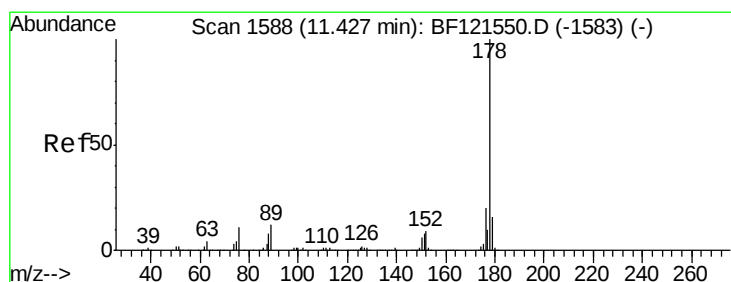
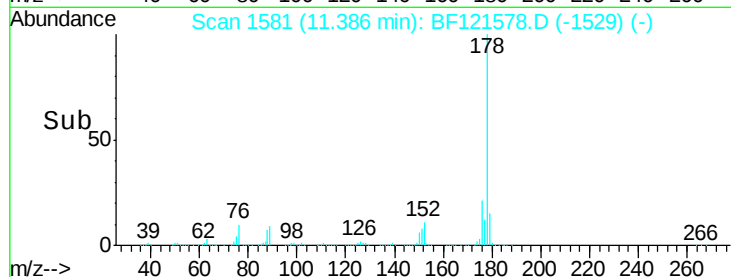
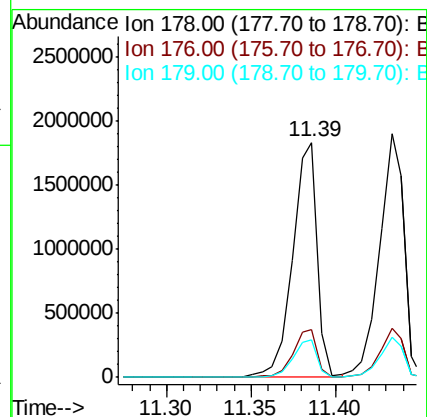
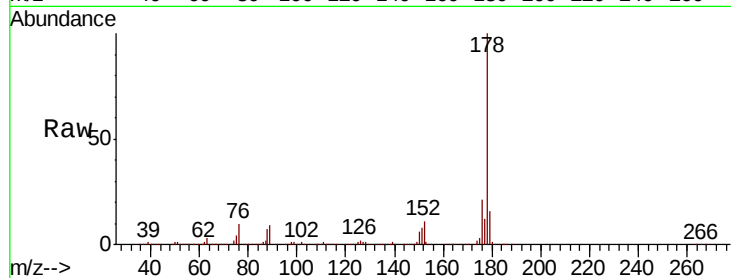
179 15.9 12.6 19.0

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#72

Anthracene

Concen: 36.364 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

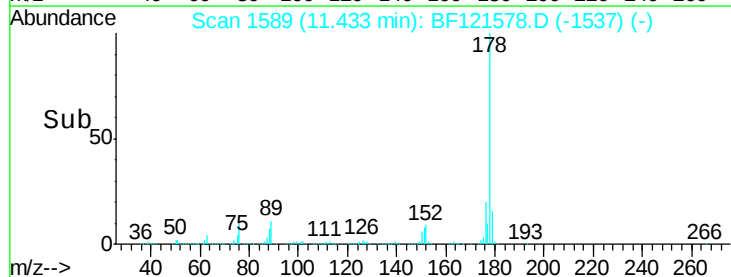
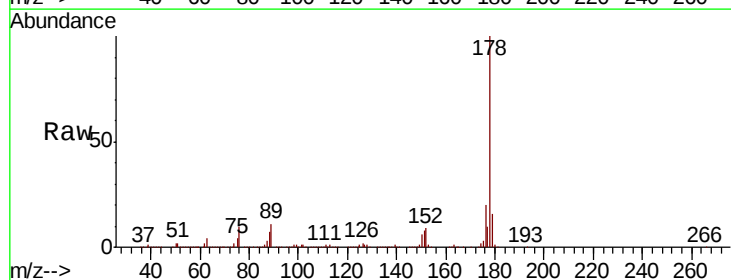
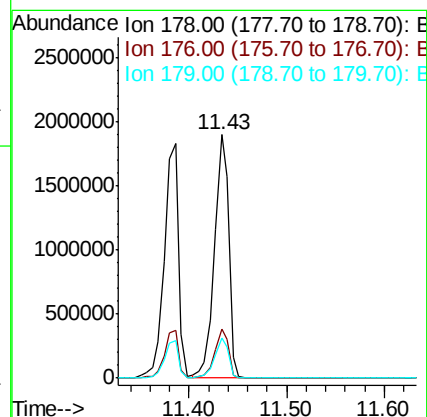
Tgt Ion:178 Resp: 1923758

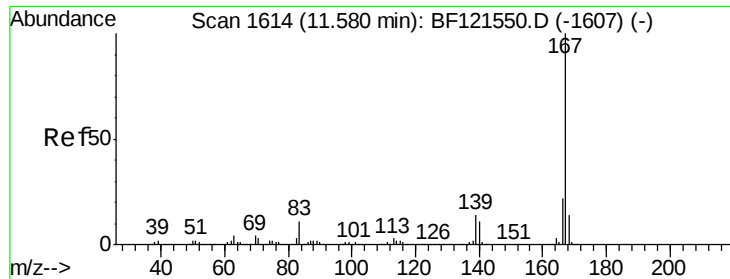
Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 16.4 12.8 19.2





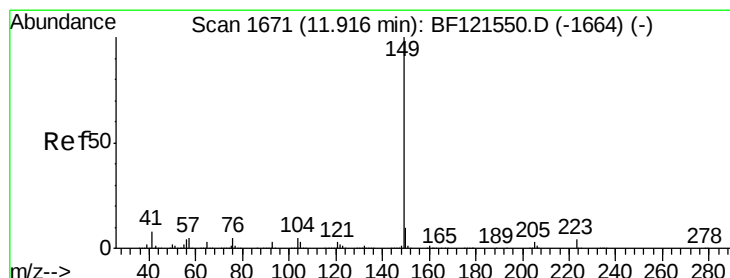
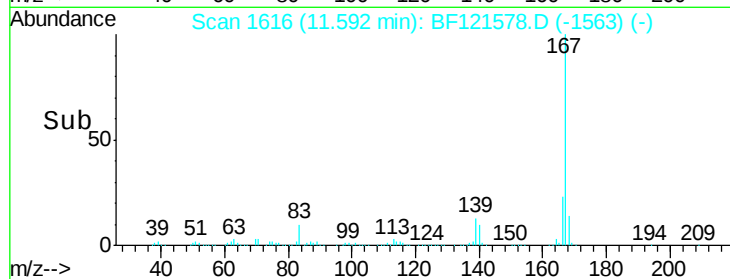
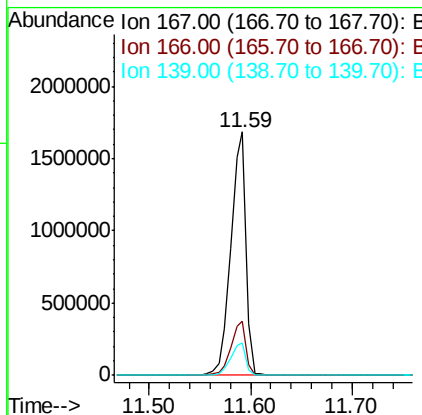
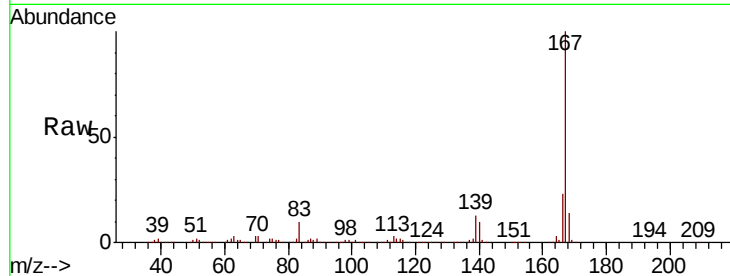
#73
 Carbazole
 Concen: 36.540 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:167 Resp: 1744426
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.3 11.2 16.8

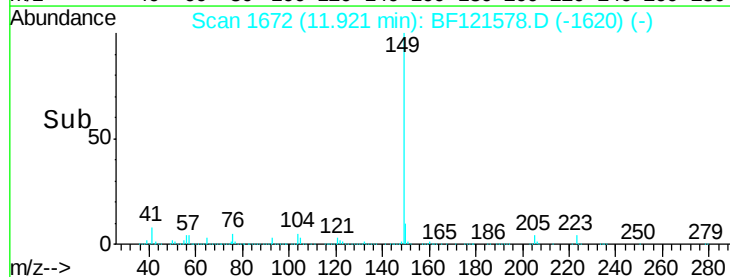
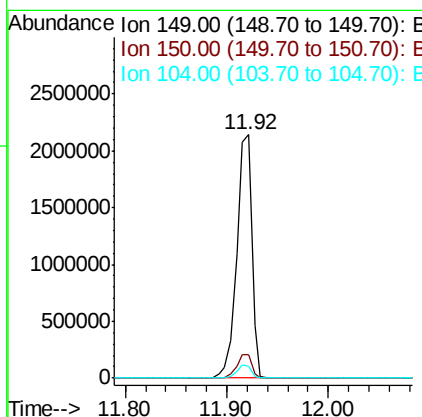
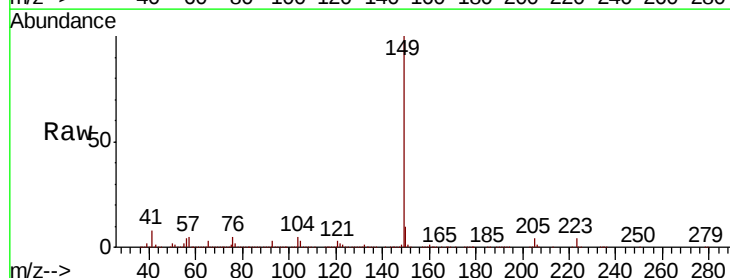
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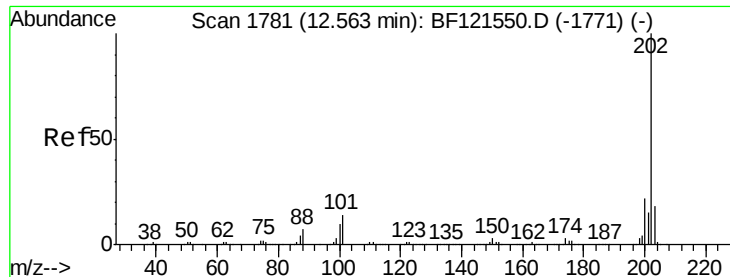
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#74
 Di-n-butylphthalate
 Concen: 40.230 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion:149 Resp: 2216676
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 36.347 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:202 Resp: 1989080

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.0

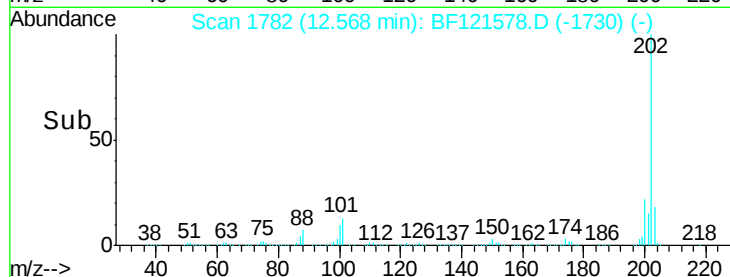
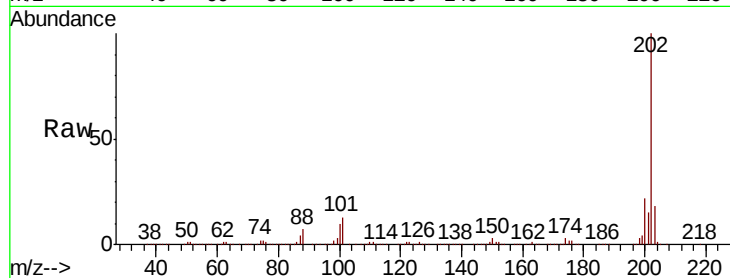
203 18.3 0.0 38.2

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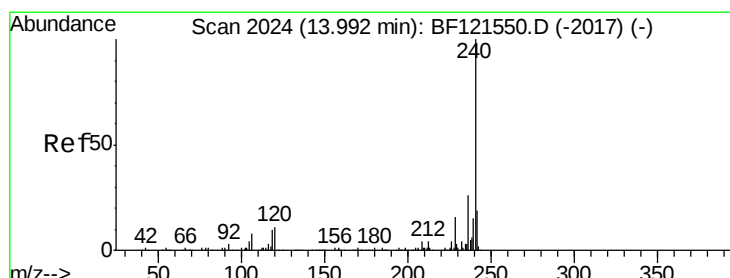
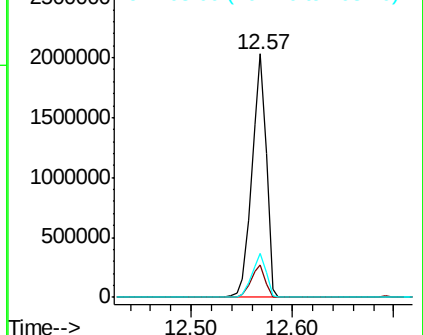
9/16/2020 10:14:46 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

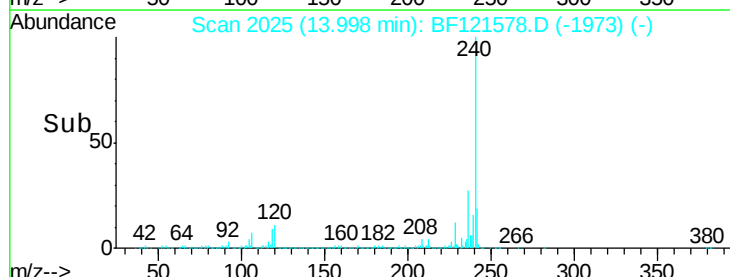
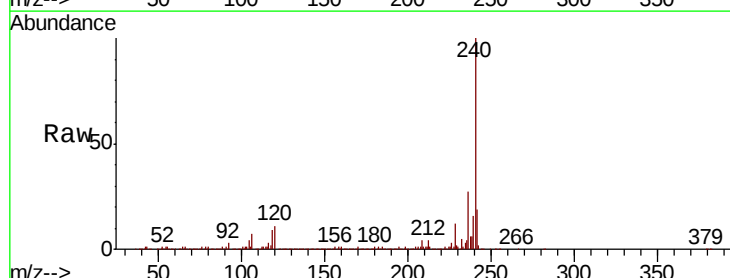
Tgt Ion:240 Resp: 658037

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

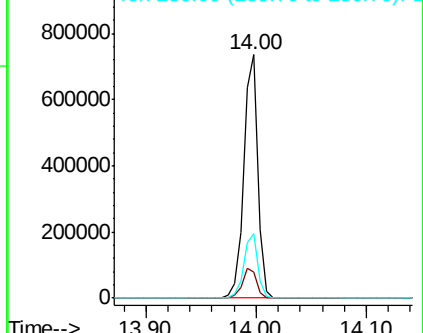
236 26.5 20.5 30.7

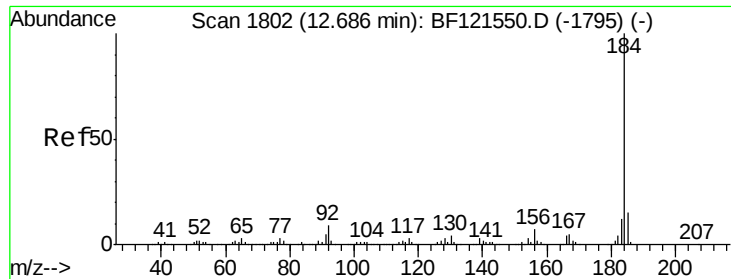


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.318 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:184 Resp: 1075881

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

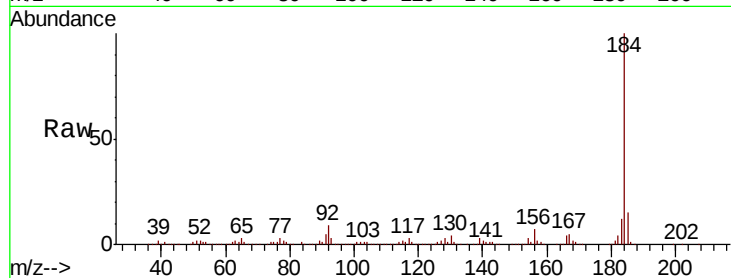
183 12.0 9.5 14.3

Manual Integrations

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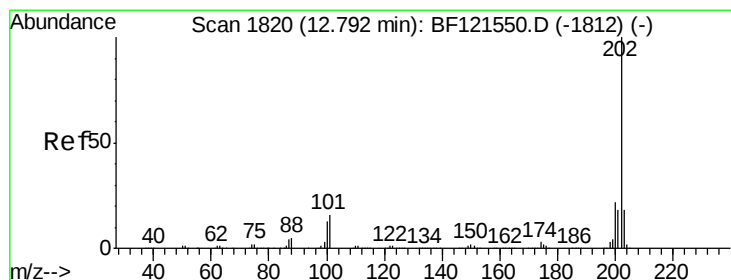
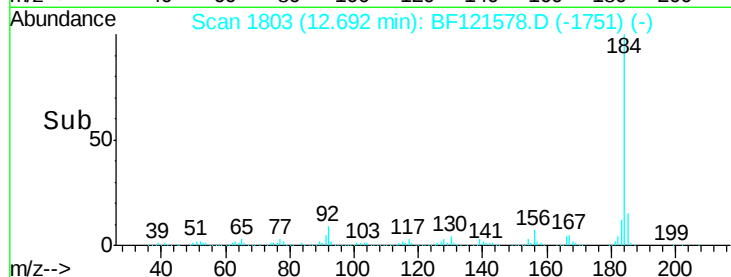
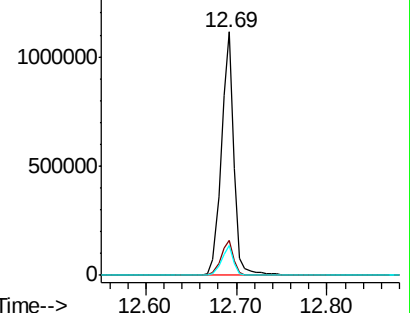
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Abundance Ion 184.00 (183.70 to 184.70): E

1500000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.878 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

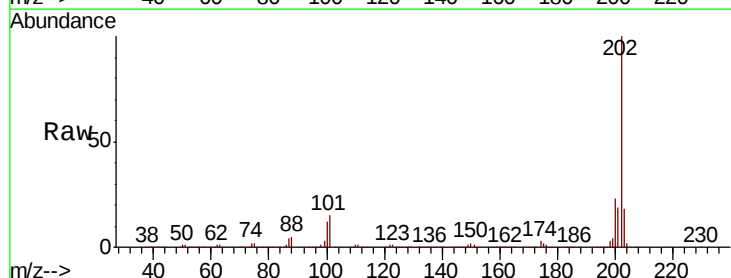
Tgt Ion:202 Resp: 1965353

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

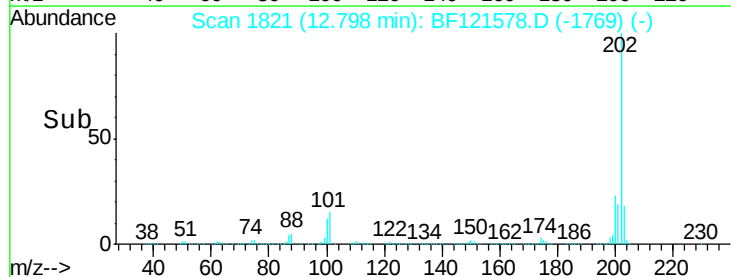
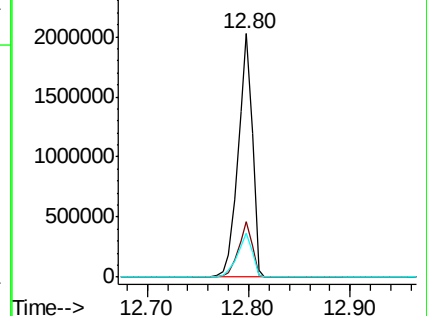
203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





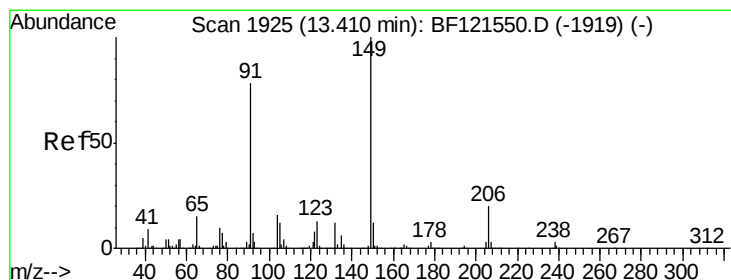
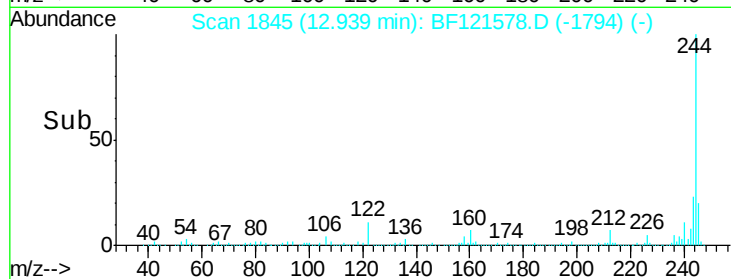
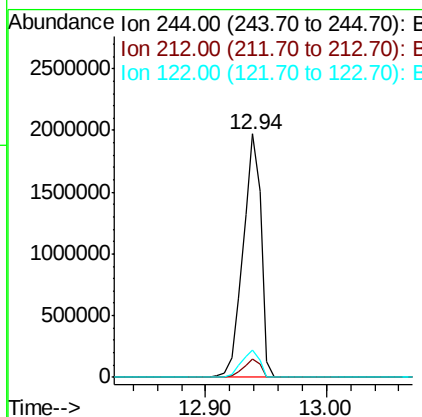
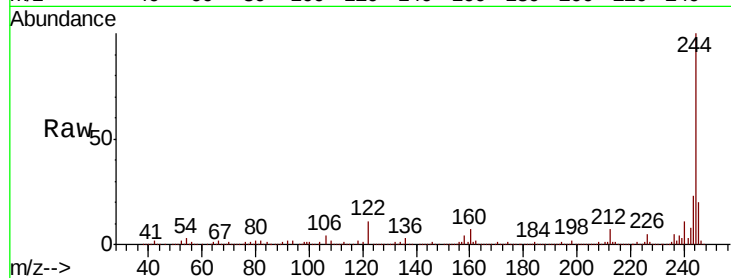
#79
 Terphenyl-d14
 Concen: 63.030 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.2	8.7	13.1

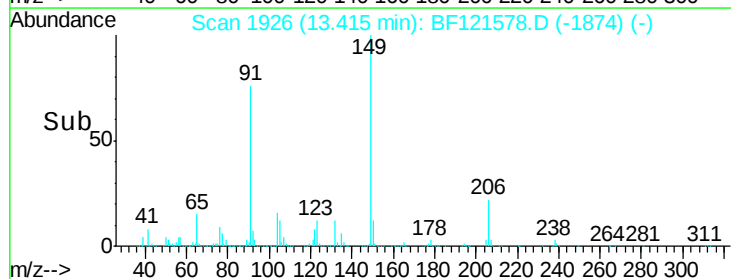
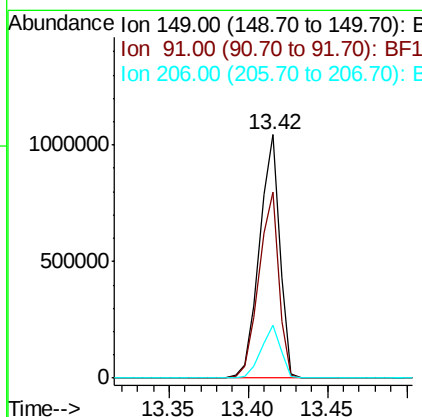
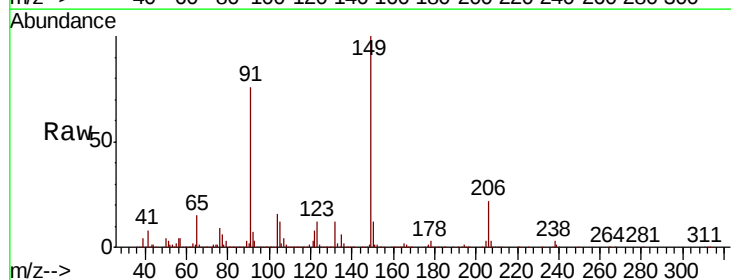
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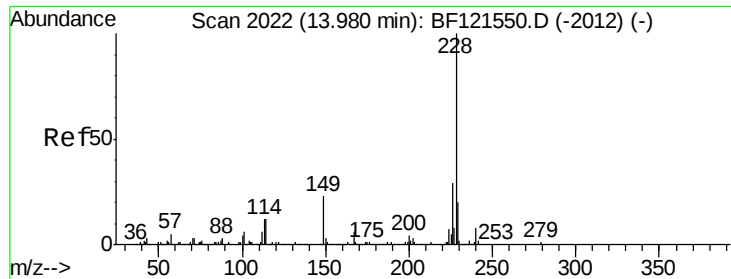
mohammad
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#80
 Butylbenzylphthalate
 Concen: 48.316 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.3	62.6	94.0
206	21.6	15.8	23.6





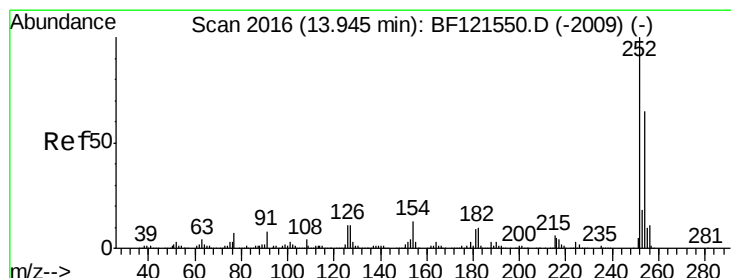
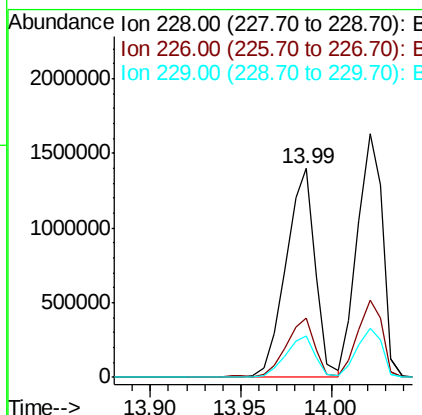
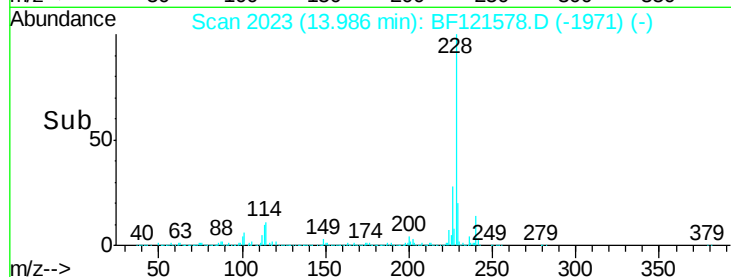
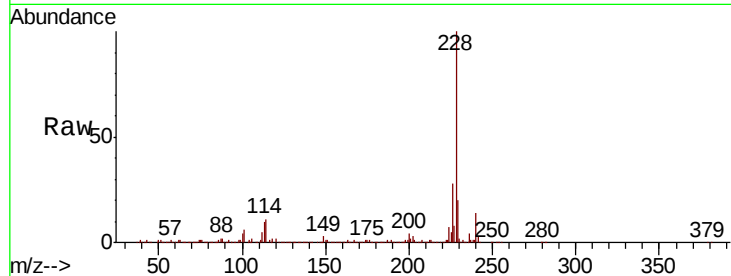
#81
Benzo(a)anthracene
Concen: 38.181 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	20.1	16.3	24.5

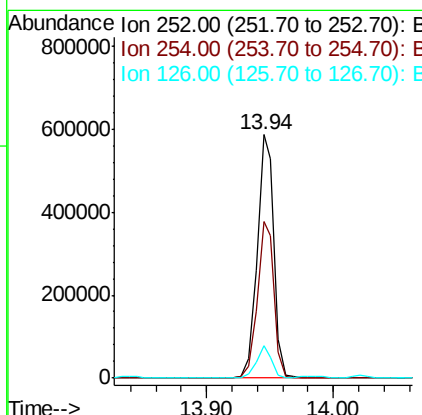
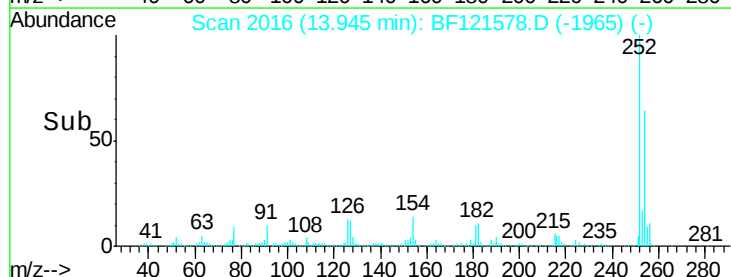
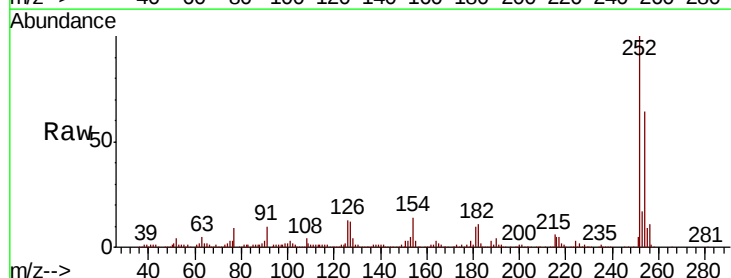
Manual Integrations
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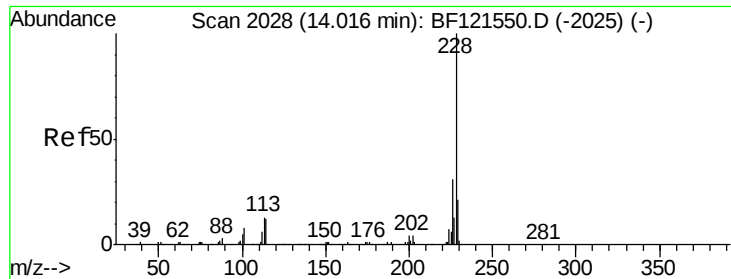
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.596 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.3	78.5
126	13.1	9.1	13.7





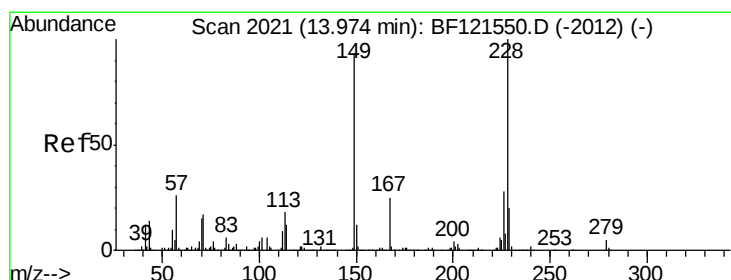
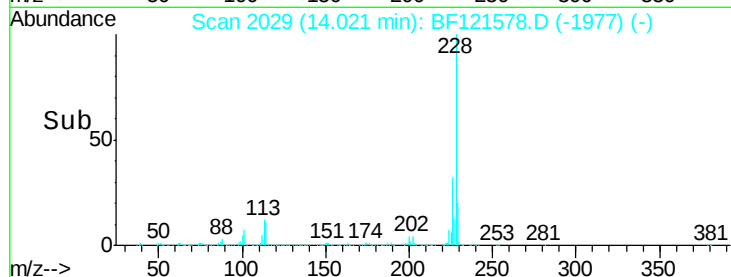
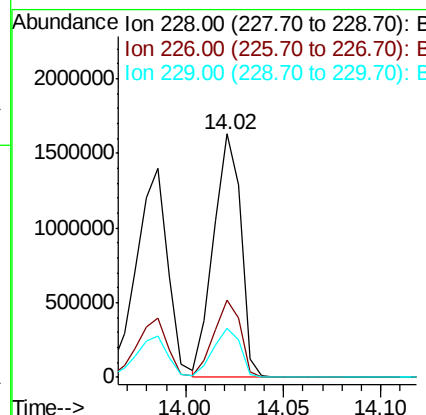
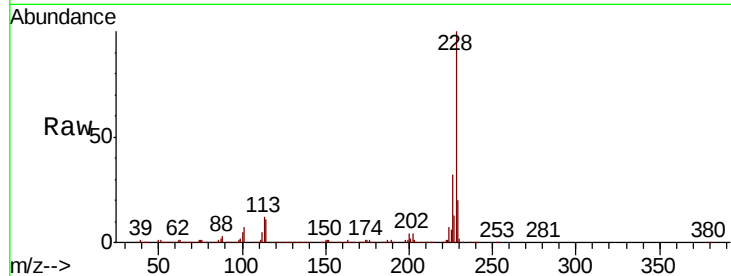
#83
 Chrvsene
 Concen: 37.597 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:228 Resp: 1584954
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.1 37.7
 229 20.4 16.6 25.0

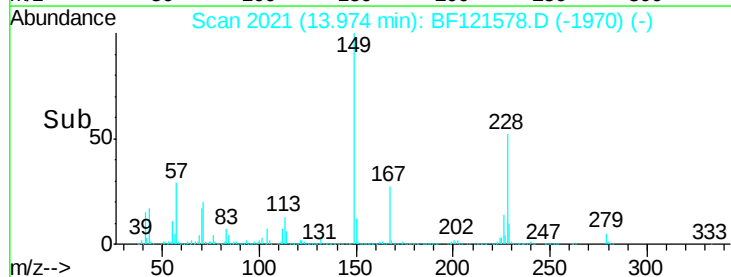
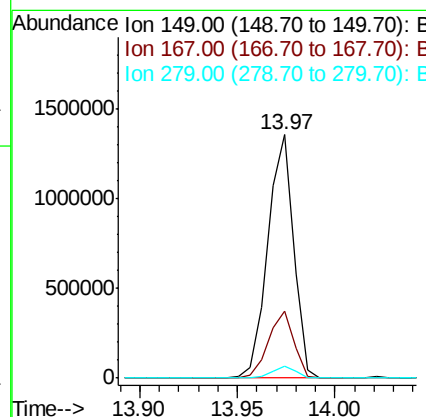
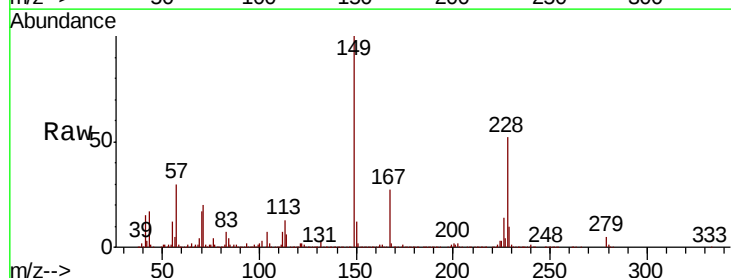
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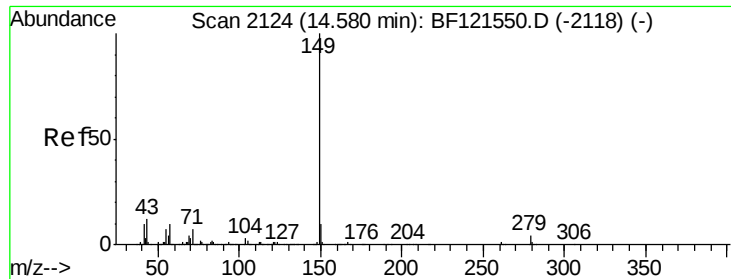
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.835 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion:149 Resp: 1242575
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.6 32.4
 279 5.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.435 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BF121578.D

Acq: 15 Sep 2020 15:28

Instrument :

BNA_F

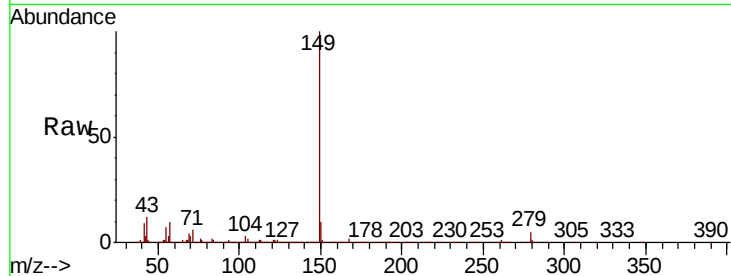
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

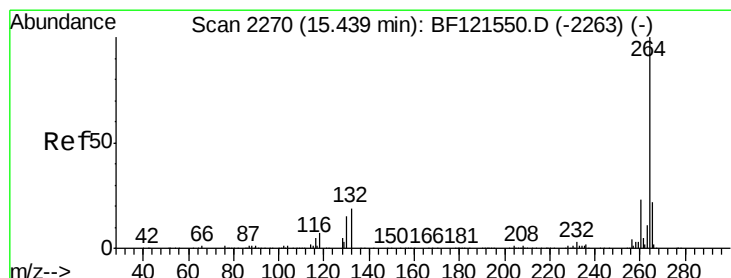
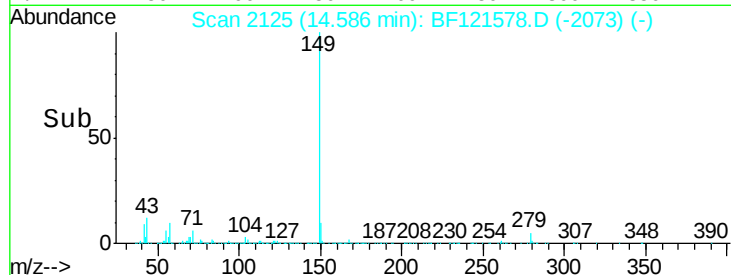
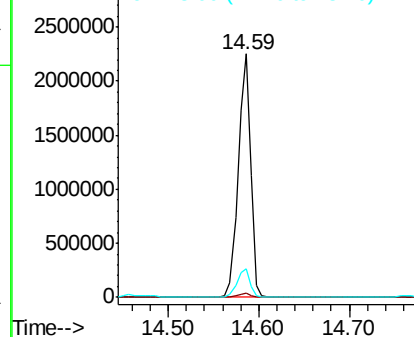
Tot Ion:	149	Resp:	2174553
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	9.4	14.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

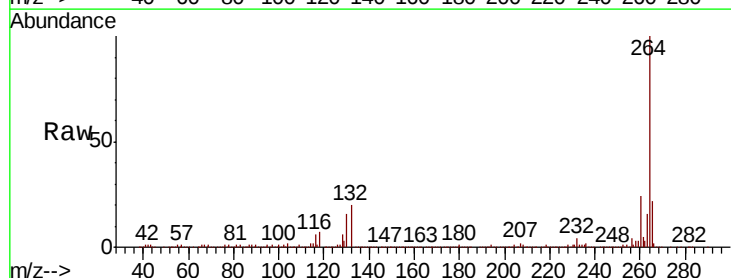
RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

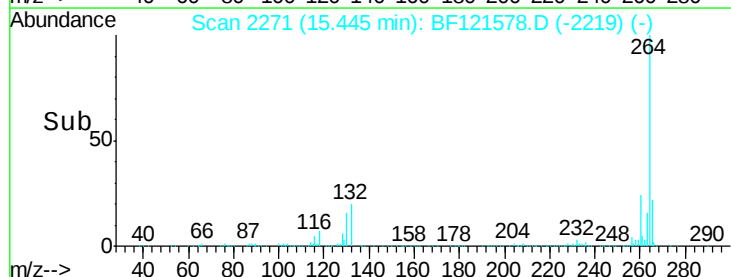
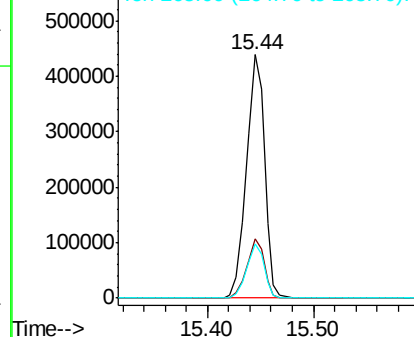
Lab File: BF121578.D

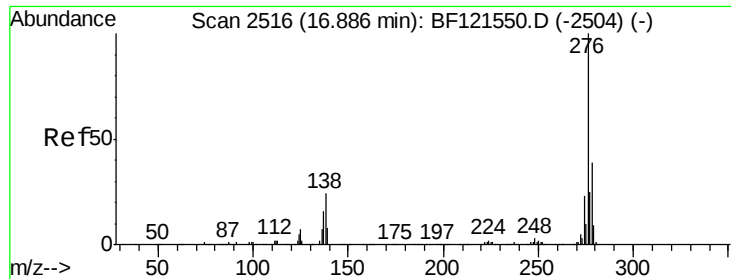
Acq: 15 Sep 2020 15:28

Tgt Ion:	264	Resp:	517943
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.3	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





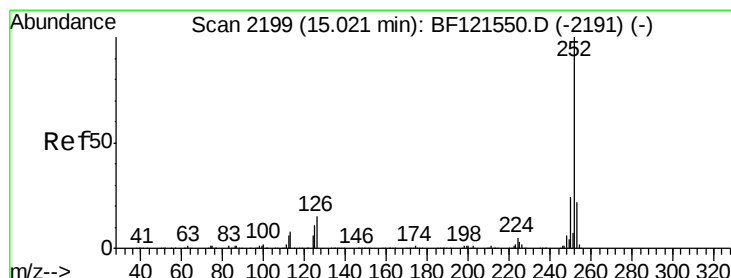
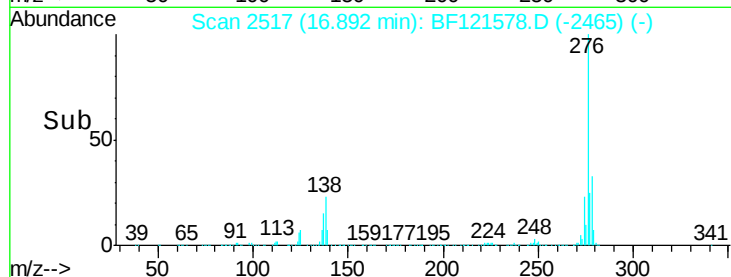
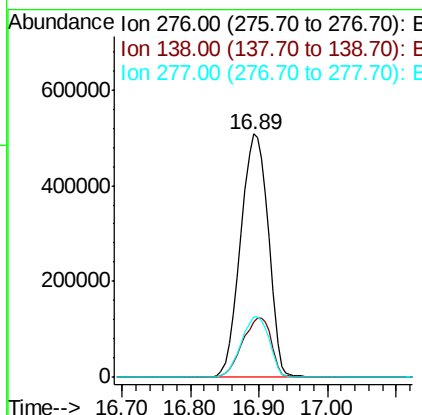
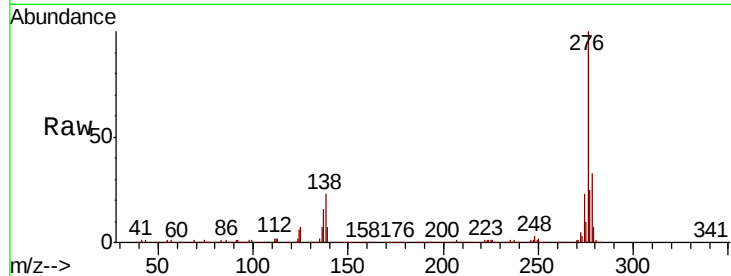
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.653 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	31.0
277	25.5	20.2	30.4

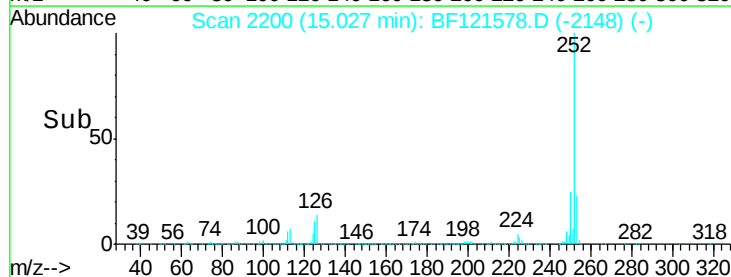
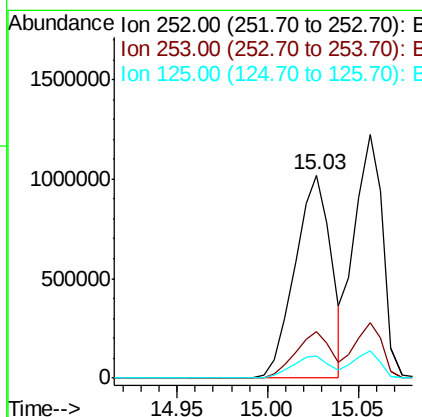
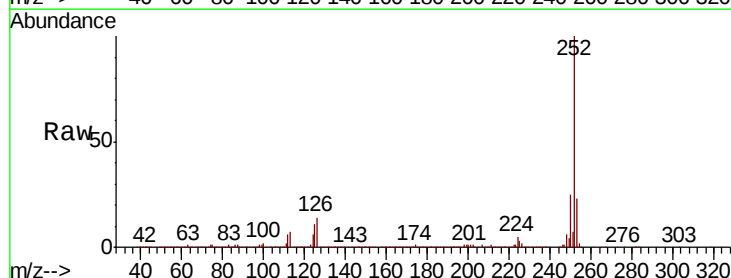
Manual Integrations
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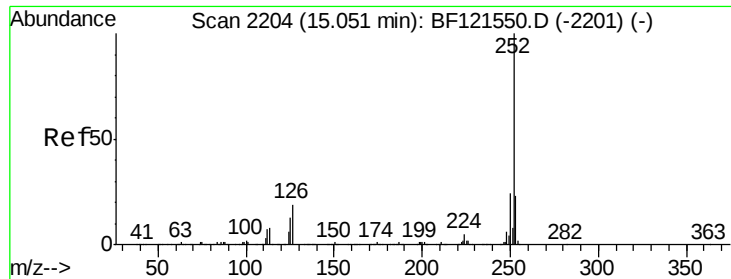
mohammad
 9/16/2020 10:14:46 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.183 ng
 RT: 15.03 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF121578.D
 Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.1	9.2	13.8





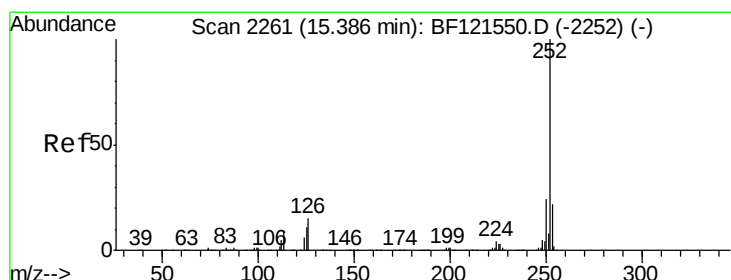
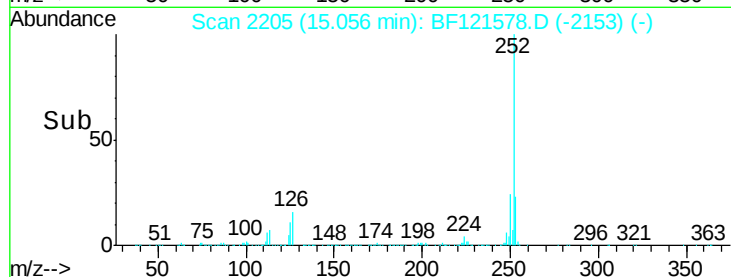
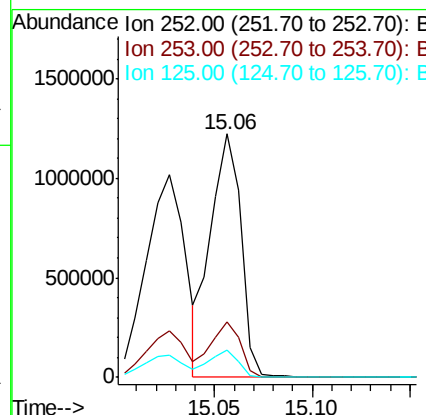
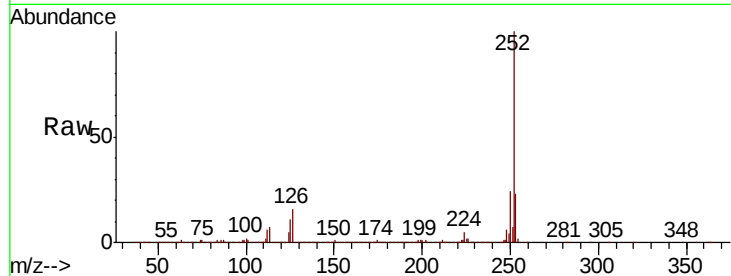
#89
Benzo(k)fluoranthene
Concen: 41.711 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.1	9.8	14.6

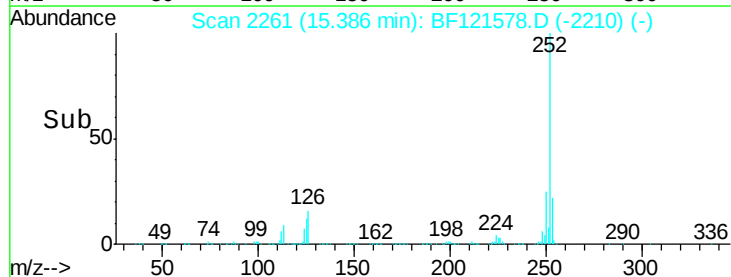
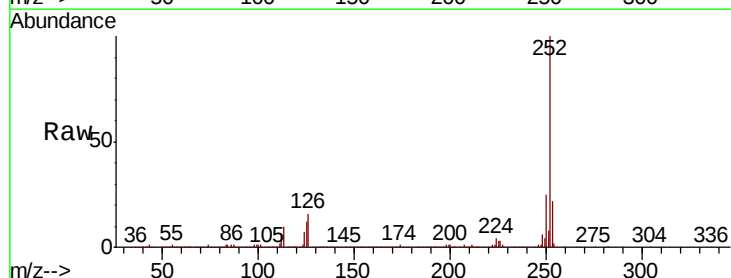
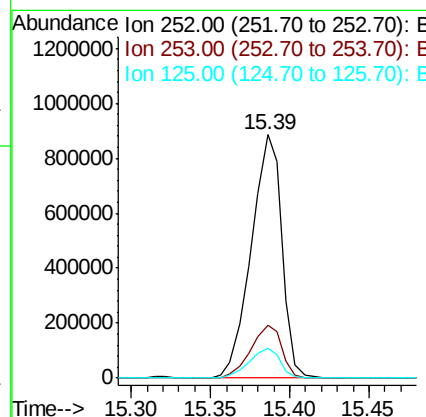
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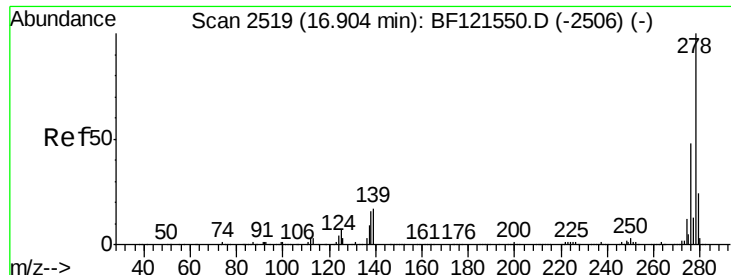
mohammad
9/16/2020 10:14:46 AM



#90
Benzo(a)pyrene
Concen: 40.287 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.3	9.0	13.4





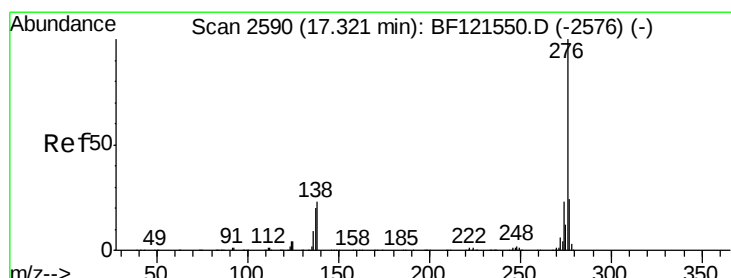
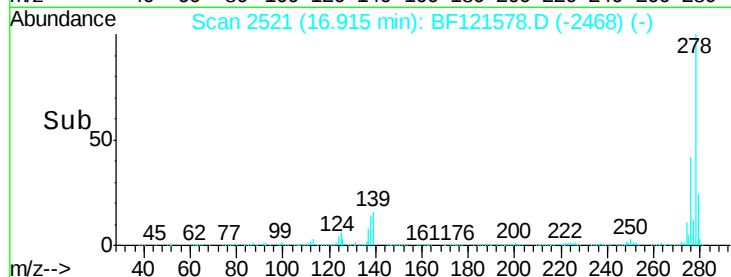
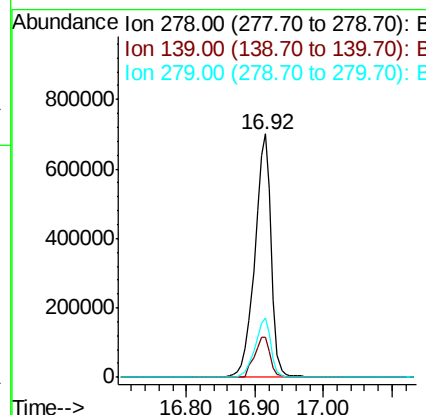
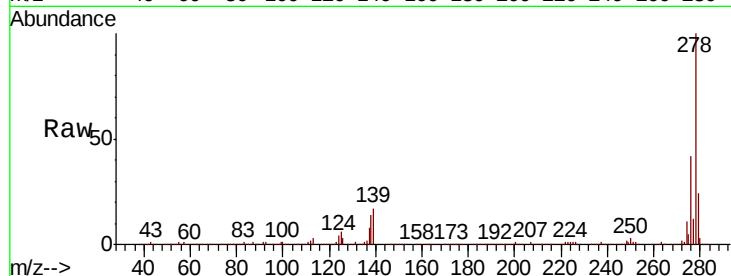
#91
Dibenzo(a,h)anthracene
Concen: 41.985 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.9	20.9
279	24.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/16/2020 10:14:46 AM



#92
Benzo(g,h,i)perylene
Concen: 44.141 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF121578.D
Acq: 15 Sep 2020 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	22.5	18.7	28.1

