

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121595.D
 Acq On : 16 Sep 2020 14:04
 Operator : JU/CG
 Sample : L3998-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:28:14 AM

Quant Time: Sep 16 14:39:02 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	6.82	152	191762	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	757970	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	390703	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	711718	20.00	ng	0.00
76) Chrysene-d12	13.98	240	487517	20.00	ng	-0.01
86) Perylene-d12	15.43	264	389318	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1037133	80.38	ng	0.01
7) Phenol-d6	6.47	99	1364559	80.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	933181	66.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	421086	86.72	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1584117	61.41	ng	-0.01
79) Terphenyl-d14	12.93	244	1558321	64.76	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	211967	35.757	ng	99
3) Pyridine	3.40	79	621711	37.937	ng	99
4) n-Nitrosodimethylamine	3.36	42	296252	38.972	ng	100
6) Aniline	6.49	93	321522	14.583	ng	# 75
8) 2-Chlorophenol	6.61	128	547265	41.656	ng	100
9) Benzaldehyde	6.37	77	256379	23.167	ng	96
10) Phenol	6.48	94	722993	40.106	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	550700	40.532	ng	97
12) 1,3-Dichlorobenzene	6.76	146	573778	39.129	ng	98
13) 1,4-Dichlorobenzene	6.84	146	577164	39.199	ng	98
14) 1,2-Dichlorobenzene	6.99	146	556140	41.002	ng	99
15) Benzyl Alcohol	6.97	79	490580	42.636	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	851280	38.936	ng	92
17) 2-Methylphenol	7.09	107	445480	39.852	ng	95
18) Hexachloroethane	7.33	117	214065	40.604	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	379920	38.940	ng	99
20) 3+4-Methylphenols	7.24	107	530739	39.517	ng	95
22) Acetophenone	7.23	105	719197	37.398	ng	96
24) Nitrobenzene	7.41	77	591310	38.728	ng	96
25) Isophorone	7.65	82	1072468	37.739	ng	99
26) 2-Nitrophenol	7.72	139	289237	40.653	ng	94
27) 2,4-Dimethylphenol	7.76	122	479923	37.833	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	674934	38.364	ng	99
29) 2,4-Dichlorophenol	7.97	162	444923	38.509	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	472533	38.834	ng	98
31) Naphthalene	8.13	128	1529059	38.215	ng	100
32) Benzoic acid	7.90	122	334716	37.192	ng	99
33) 4-Chloroaniline	8.17	127	172499	9.946	ng	98
34) Hexachlorobutadiene	8.25	225	280797	39.315	ng	100
35) Caprolactam	8.56	113	144470m	37.549	ng	
36) 4-Chloro-3-methylphenol	8.67	107	486890	39.120	ng	99
37) 2-Methylnaphthalene	8.82	142	1000123	38.141	ng	99
38) 1-Methylnaphthalene	8.92	142	936617	38.380	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	457071	37.452	ng	99

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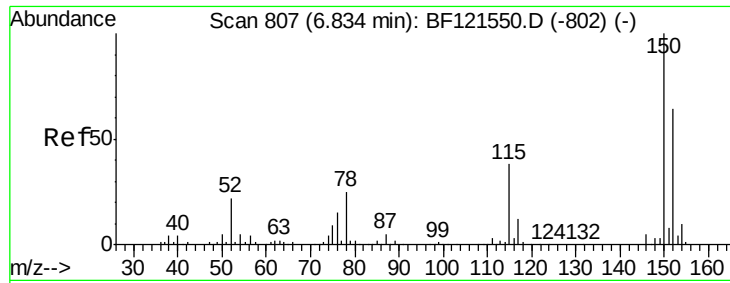
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Quant Time: Sep 16 14:39:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	491793	70.563	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	329014	39.552	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	342388	38.934	nq	96
46) 1,1'-Biphenyl	9.29	154	1183506	37.838	nq	98
47) 2-Chloronaphthalene	9.31	162	922126	37.412	nq	98
48) 2-Nitroaniline	9.40	65	316963	41.382	nq	98
49) Acenaphthylene	9.73	152	1450830	38.310	nq	99
50) Dimethylphthalate	9.59	163	1254447	44.299	nq	99
51) 2,6-Dinitrotoluene	9.65	165	251393	41.686	nq #	86
52) Acenaphthene	9.90	154	965257m	40.354	nq	
53) 3-Nitroaniline	9.81	138	117617	16.836	nq	100
54) 2,4-Dinitrophenol	9.92	184	212181	63.150	nq	92
55) Dibenzofuran	10.07	168	1274110	37.824	nq	99
56) 4-Nitrophenol	9.99	139	409306	73.464	nq	97
57) 2,4-Dinitrotoluene	10.05	165	334747	44.121	nq	96
58) Fluorene	10.41	166	971654	37.719	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	282827	39.560	nq	97
60) Diethylphthalate	10.29	149	1079014	39.082	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	469455	38.043	nq	97
62) 4-Nitroaniline	10.43	138	221538	31.937	nq	97
63) Azobenzene	10.56	77	1103282	37.525	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	154531	37.184	nq	97
66) n-Nitrosodiphenylamine	10.52	169	947131	38.789	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	317848	39.225	nq	96
68) Hexachlorobenzene	10.96	284	355928	38.922	nq	96
69) Atrazine	11.05	200	229418	37.818	nq	98
70) Pentachlorophenol	11.16	266	368838	73.442	nq	99
71) Phenanthrene	11.37	178	1462780	37.723	nq	99
72) Anthracene	11.42	178	1515473	37.871	nq	100
73) Carbazole	11.57	167	1348724	37.349	nq	100
74) Di-n-butylphthalate	11.91	149	1599355	38.374	nq	100
75) Fluoranthene	12.56	202	1544097	37.302	nq	99
77) Benzdine	12.67	184	583631	36.111	nq	99
78) Pyrene	12.79	202	1551753	43.565	nq	100
80) Butylbenzylphthalate	13.40	149	672947	46.714	nq	96
81) Benzo(a)anthracene	13.97	228	1208868	39.195	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	271573	22.554	nq	100
83) Chrysene	14.01	228	1198397	38.370	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	841347	43.718	nq	99
85) Di-n-octyl phthalate	14.57	149	1428466	42.059	nq	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1119112	44.140	nq	99
88) Benzo(b)fluoranthene	15.02	252	1078366	41.434	nq	98
89) Benzo(k)fluoranthene	15.04	252	967581	40.598	nq	98
90) Benzo(a)pyrene	15.37	252	898876	40.630	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	915763	43.391	nq	99
92) Benzo(g,h,i)perylene	17.32	276	950756	45.829	nq	97

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



#1

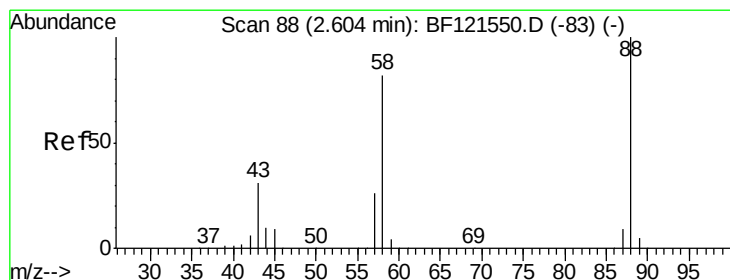
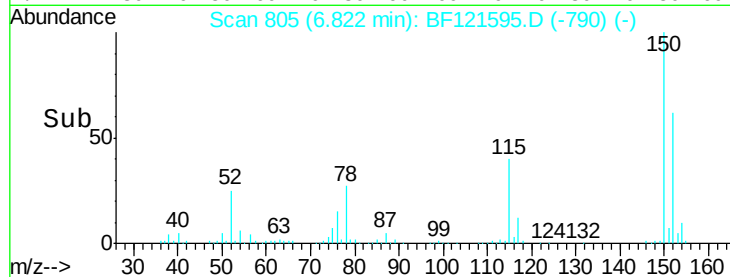
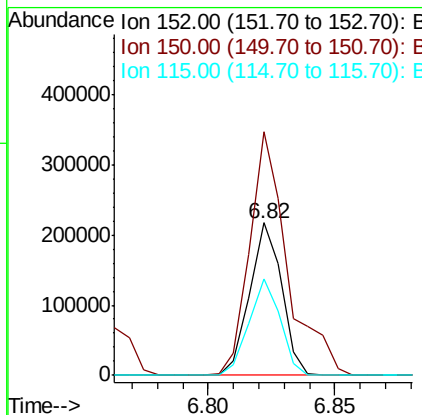
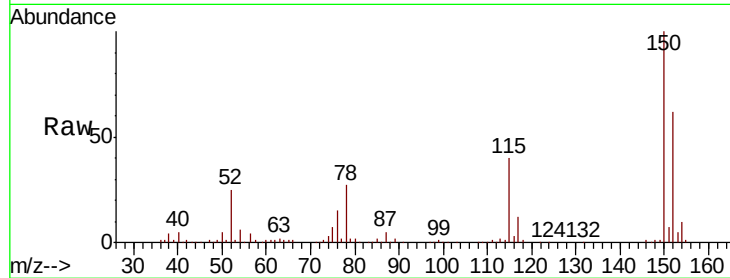
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.8	188.6
115	63.4	47.8	71.8

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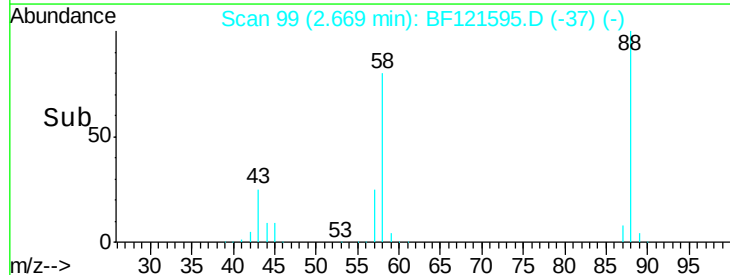
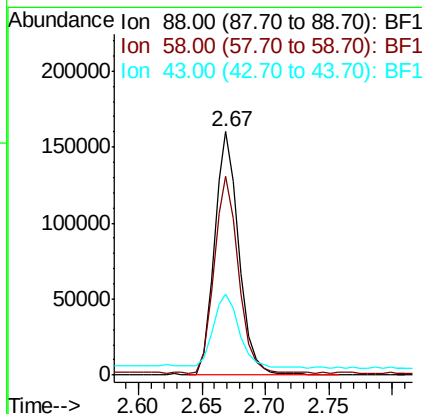
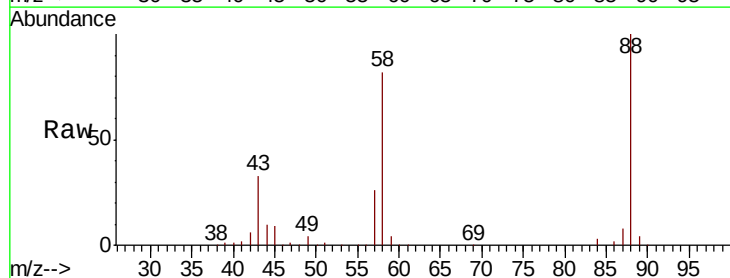
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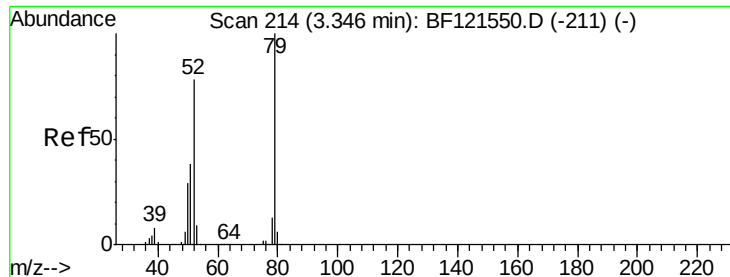


#2

1,4-Dioxane
 Concen: 35.757 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	65.1	97.7
43	33.1	25.0	37.4





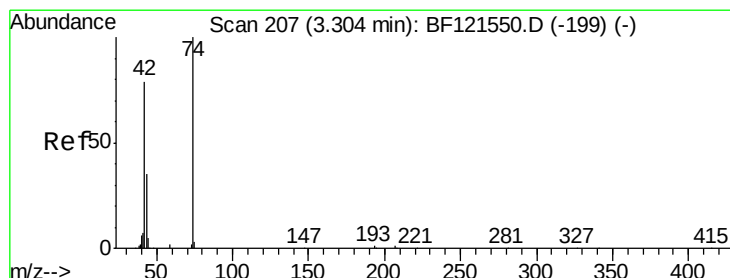
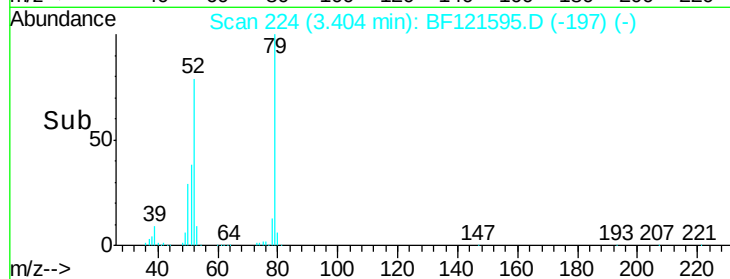
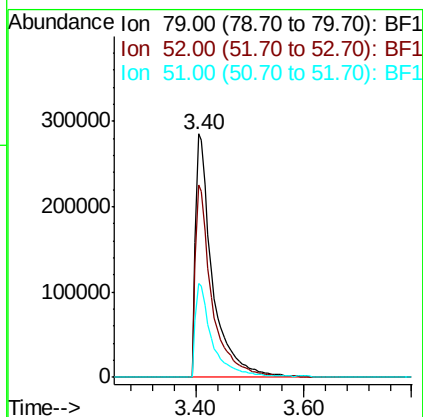
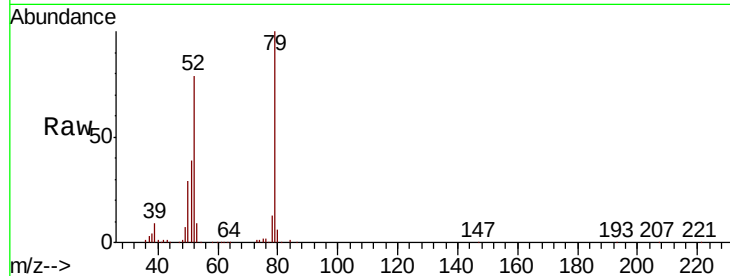
#3
 Pvridine
 Concen: 37.937 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.06 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	62.2	93.2
51	38.6	30.6	45.8

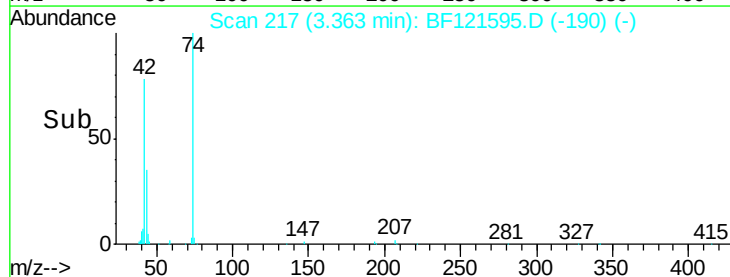
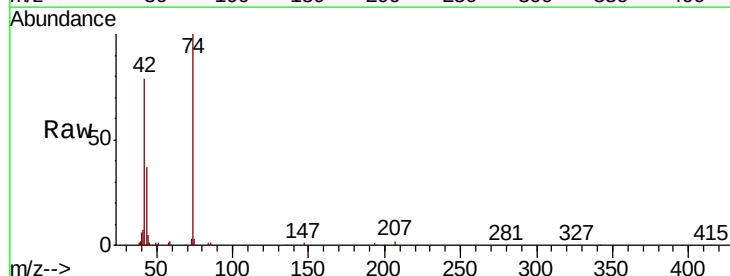
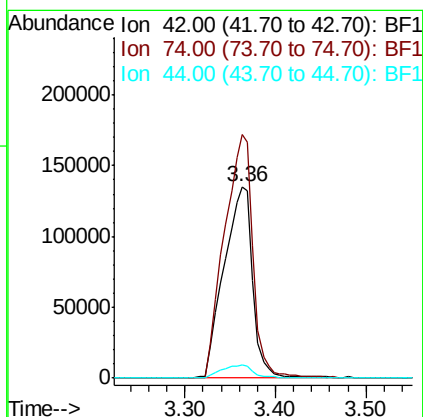
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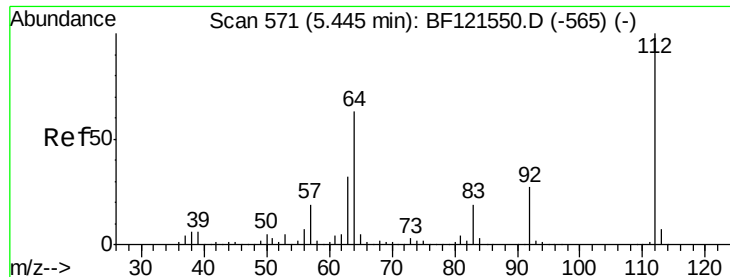
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#4
 n-Nitrosodimethylamine
 Concen: 38.972 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.06 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.2	101.7	152.5
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 80.376 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

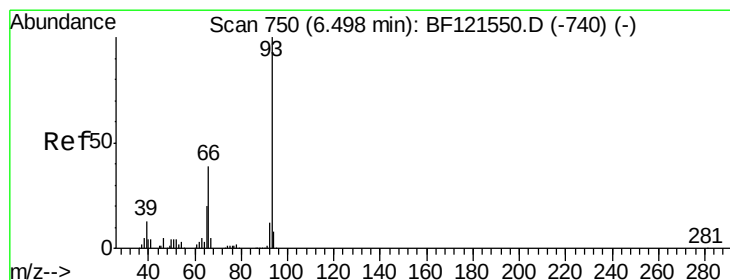
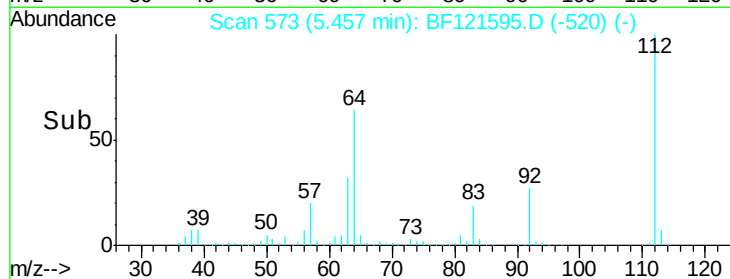
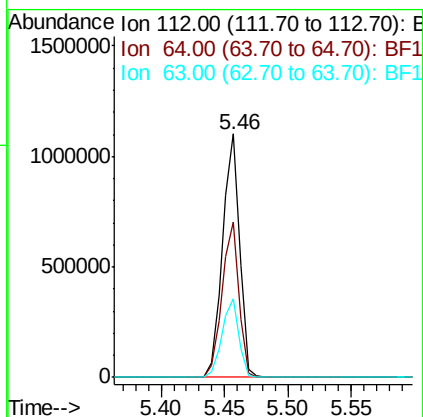
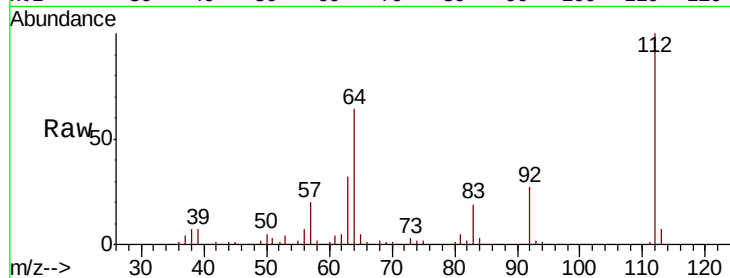
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	112	Resp:	1037133
Ion Ratio	Lower	Upper	
112	100		
64	63.7	50.3	75.5
63	32.3	25.6	38.4

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#6

Aniline

Concen: 14.583 ng

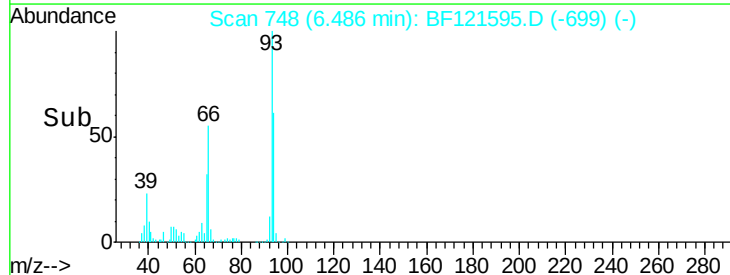
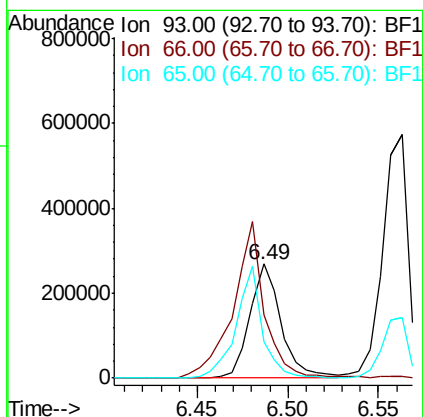
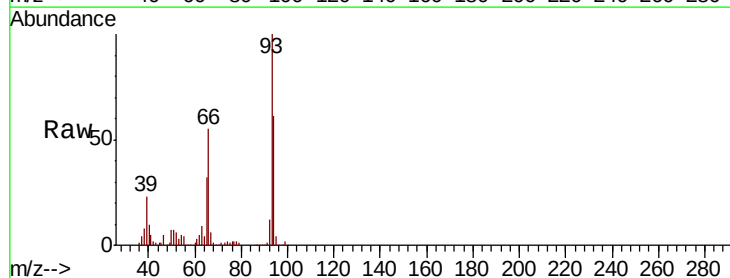
RT: 6.49 min Scan# 748

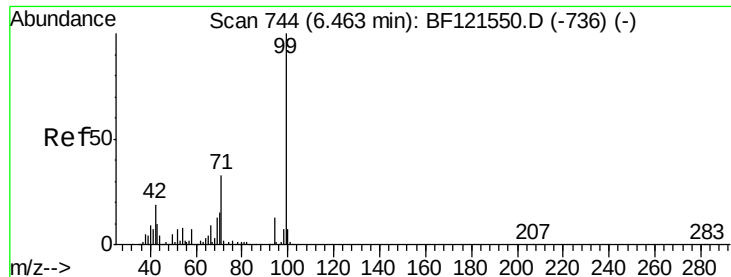
Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:	93	Resp:	321522
Ion Ratio	Lower	Upper	
93	100		
66	55.1	31.8	47.8#
65	31.9	16.2	24.2#





#7

Phenol-d6

Concen: 80.607 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion: 99 Resp: 1364559

Ion Ratio Lower Upper

99 100

42 19.3 15.5 23.3

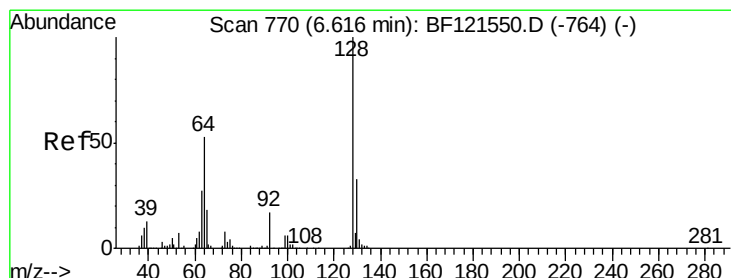
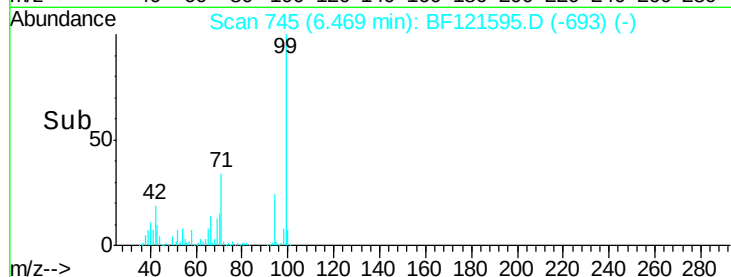
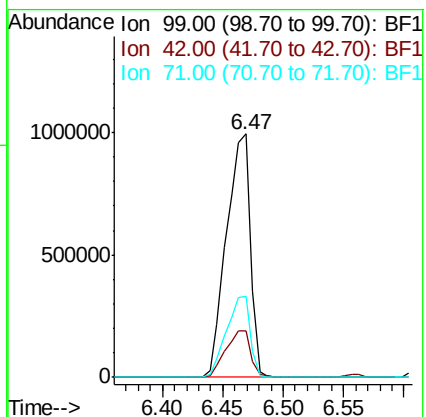
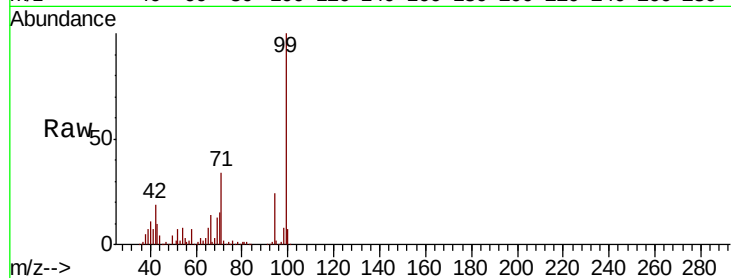
71 33.5 26.1 39.1

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#8

2-Chlorophenol

Concen: 41.656 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

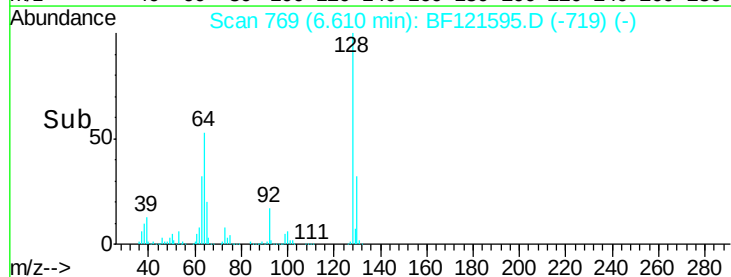
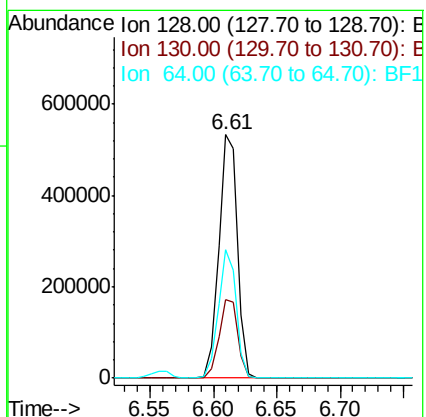
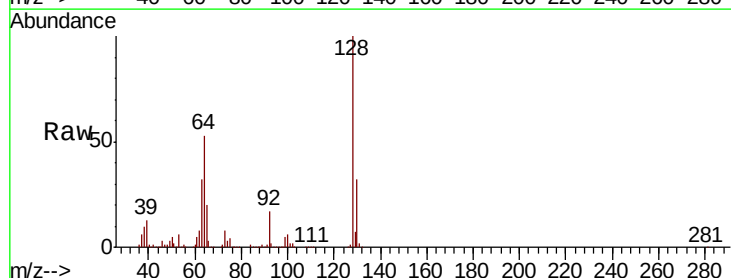
Tgt Ion: 128 Resp: 547265

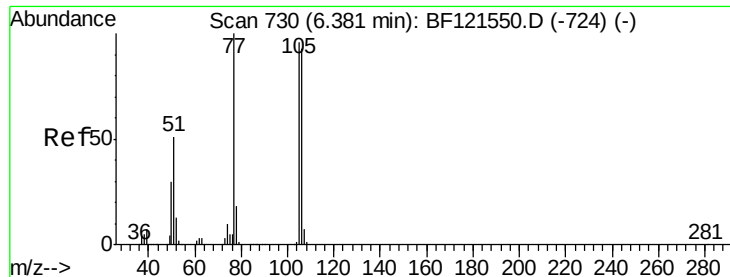
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 52.6 33.1 73.1





#9

Benzaldehyde

Concen: 23.167 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

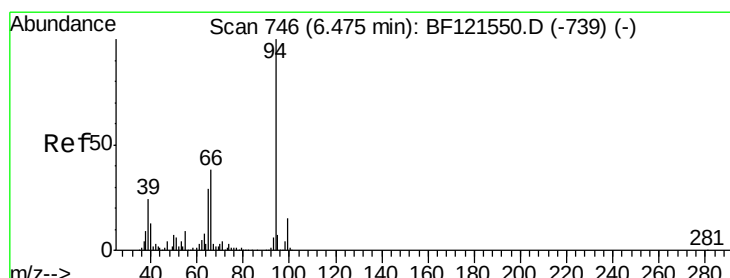
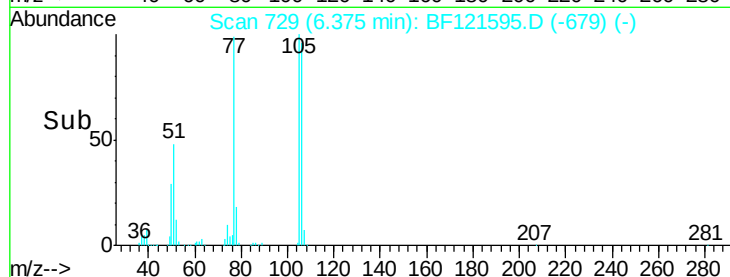
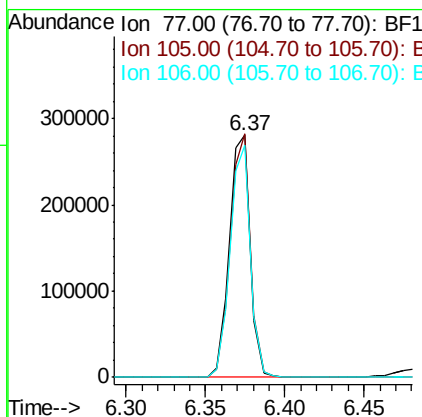
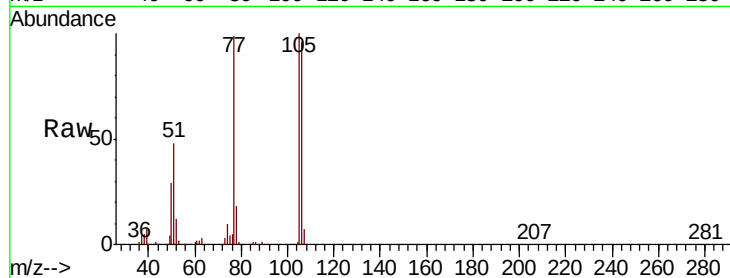
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	77	Resp:	256379
Ion Ratio	Lower	Upper	
77	100		
105	100.6	76.4	116.4
106	96.2	73.5	113.5

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#10

Phenol

Concen: 40.106 ng

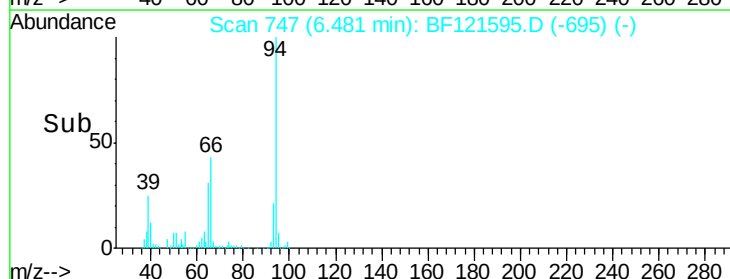
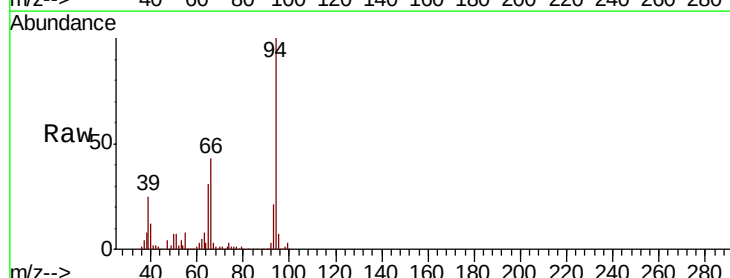
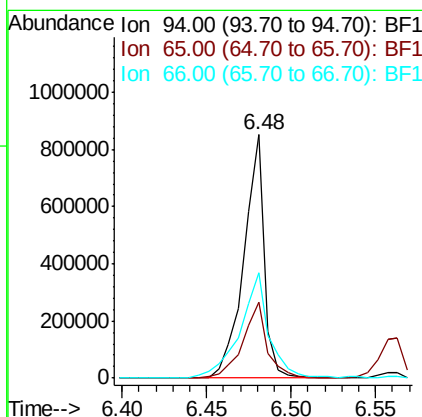
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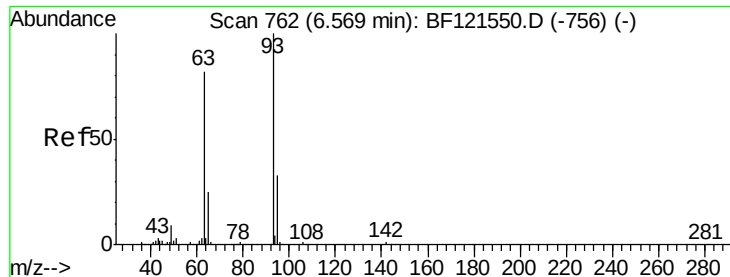
Delta R.T. 0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:	94	Resp:	722993
Ion Ratio	Lower	Upper	
94	100		
65	31.1	9.4	49.4
66	43.4	18.3	58.3





#11

bis(2-Chloroethyl)ether

Concen: 40.532 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

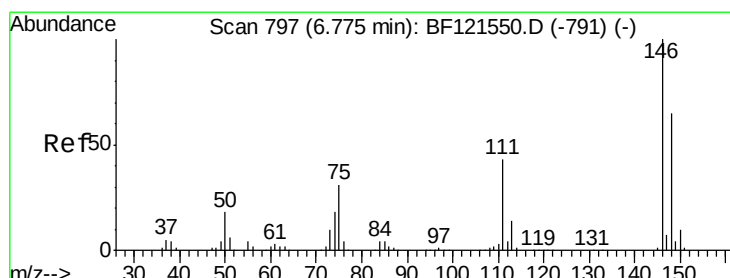
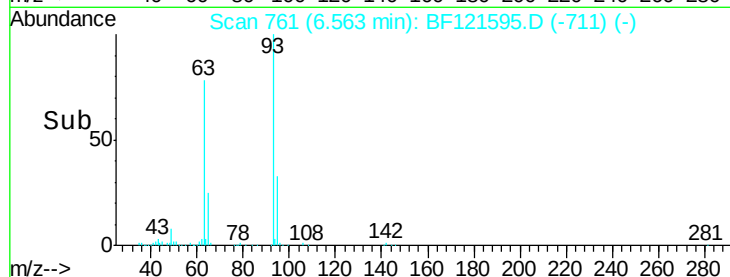
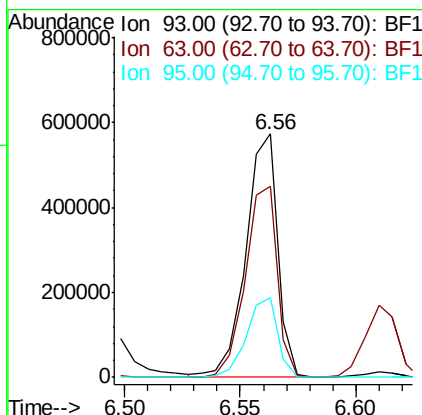
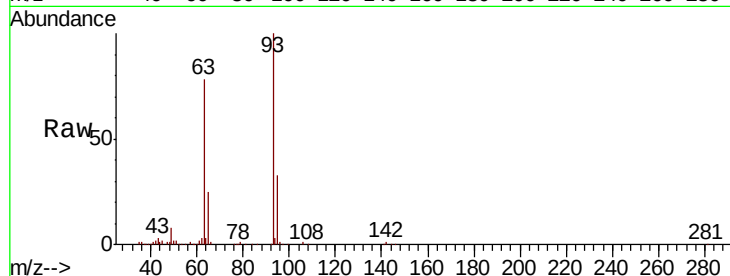
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	93	Resp:	550700
Ion	Ratio	Lower	Upper
93	100		
63	78.4	61.7	101.7
95	32.7	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 39.129 ng

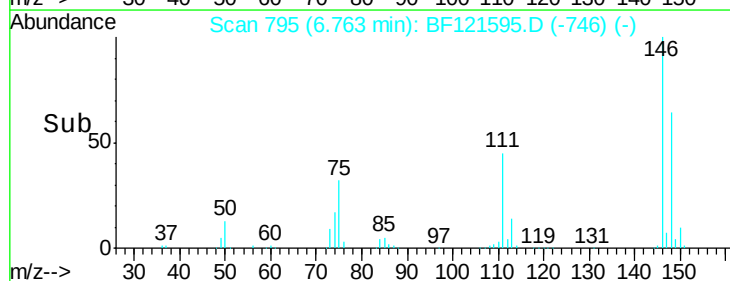
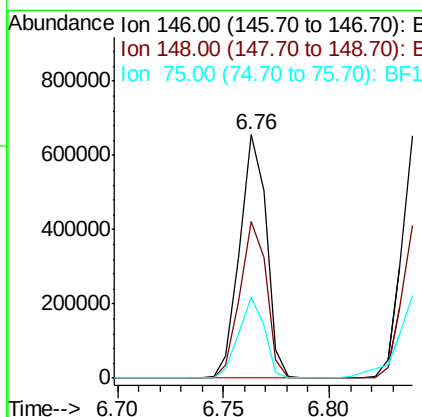
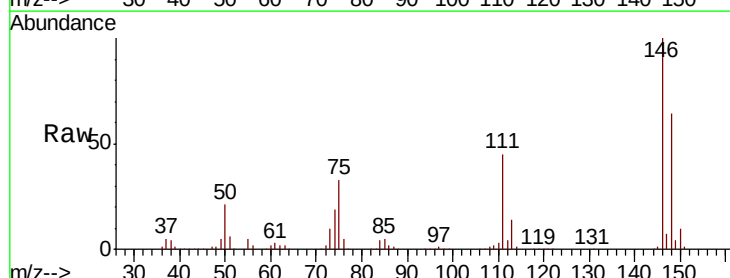
RT: 6.76 min Scan# 795

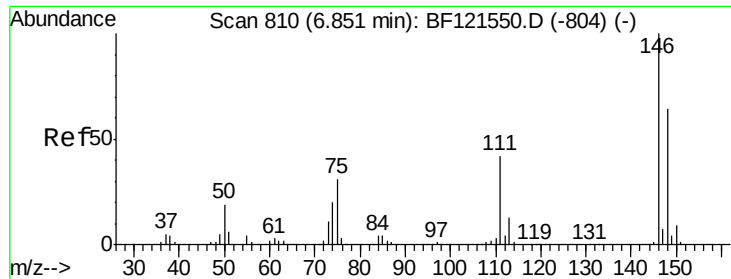
Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:	146	Resp:	573778
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	33.3	24.6	36.8





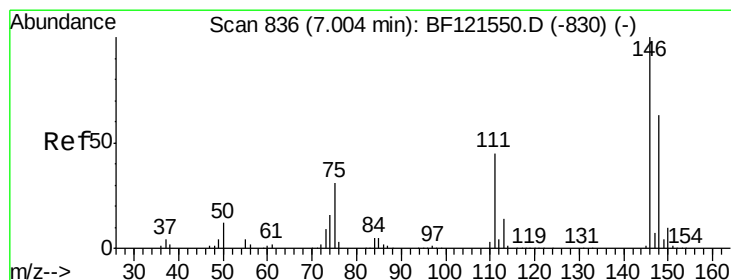
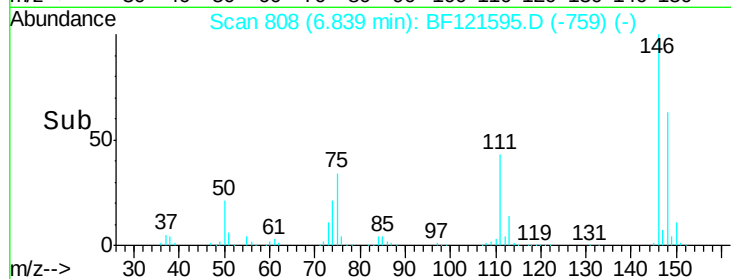
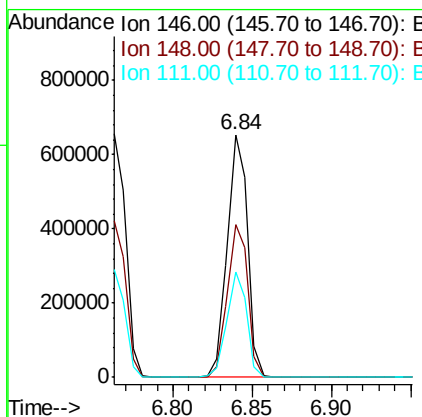
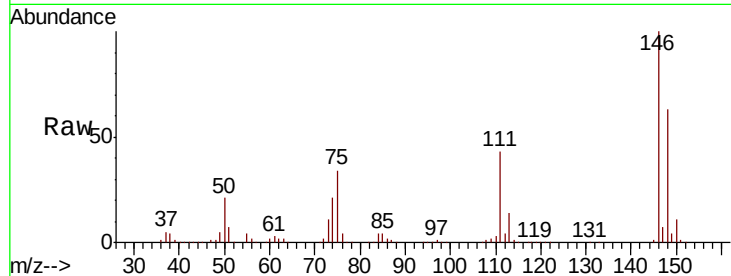
#13
 1,4-Dichlorobenzene
 Concen: 39.199 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.2	76.8
111	43.5	33.4	50.0

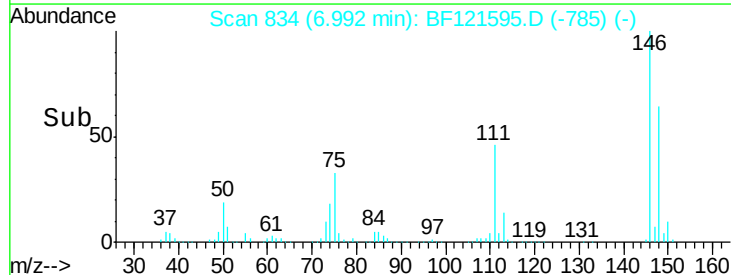
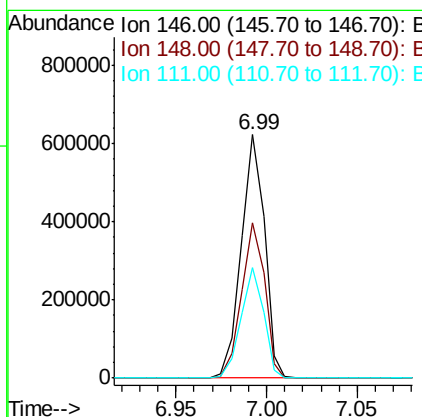
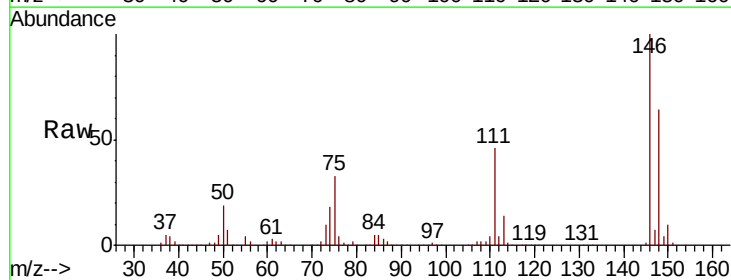
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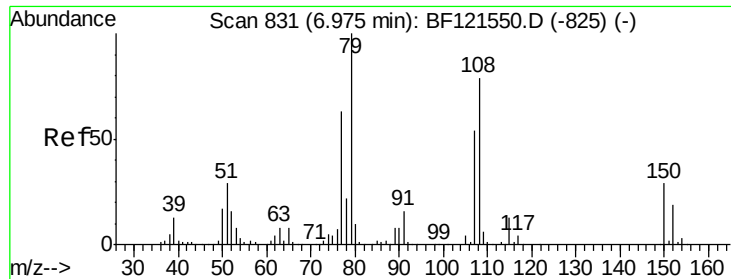
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#14
 1,2-Dichlorobenzene
 Concen: 41.002 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.7	76.1
111	45.6	35.8	53.6





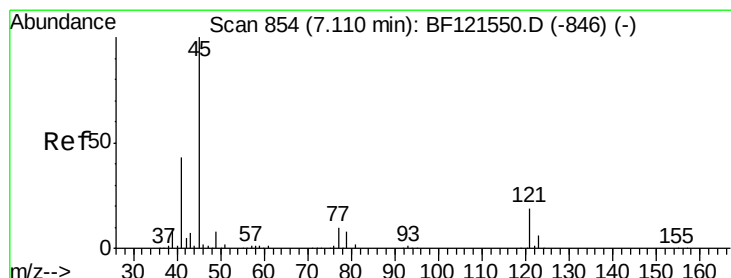
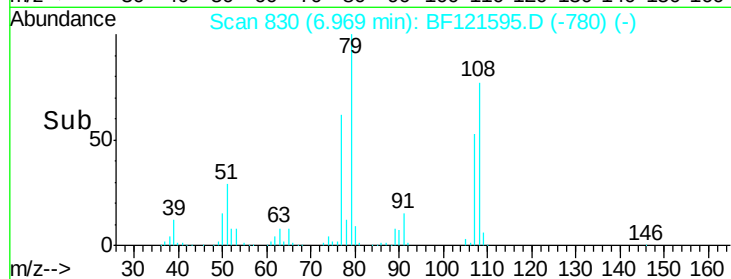
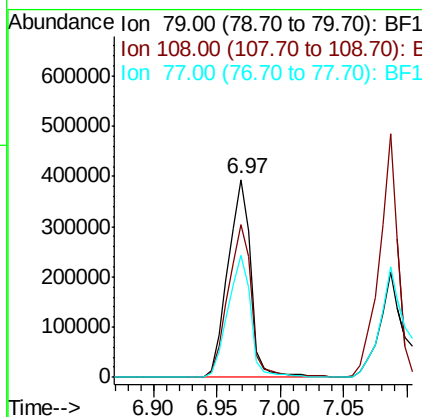
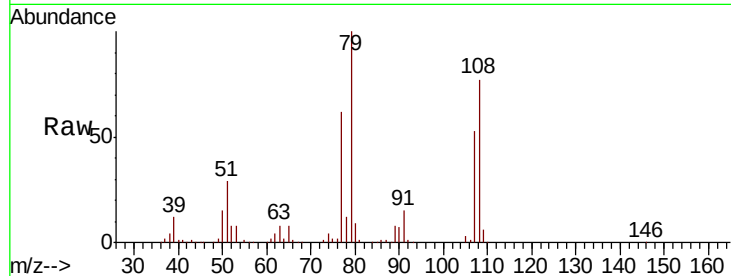
#15
Benzyl Alcohol
Concen: 42.636 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	63.1	94.7
77	61.6	50.2	75.2

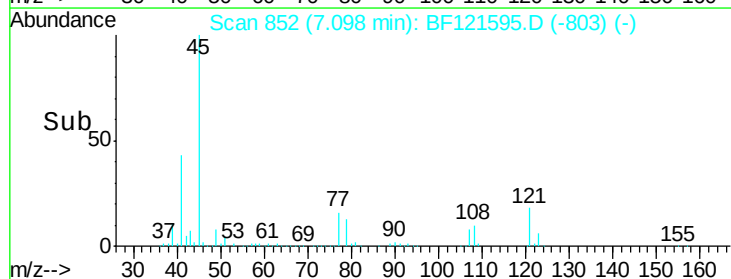
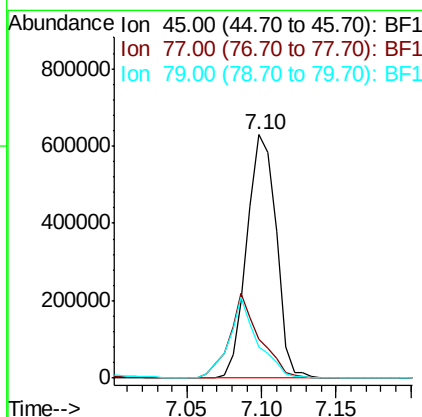
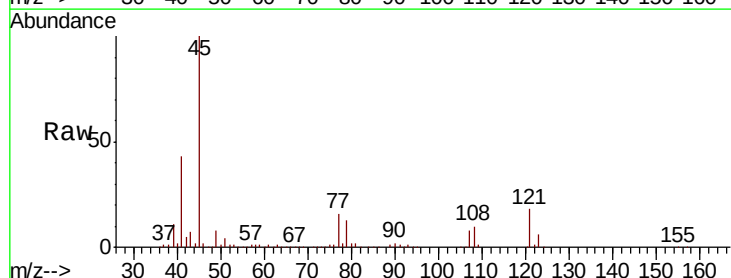
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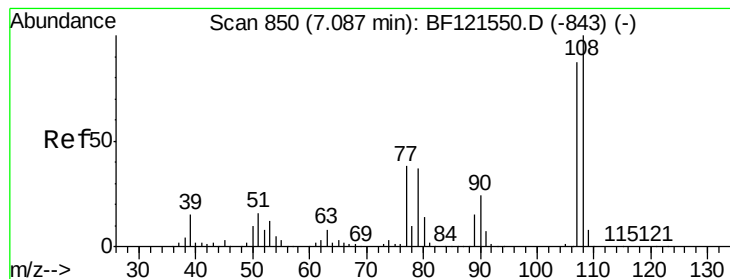
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.936 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.5
79	12.8	0.0	29.8





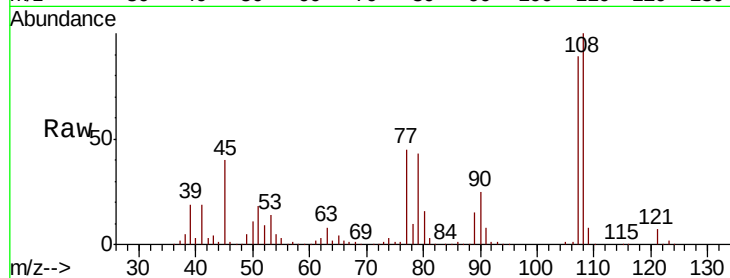
#17
2-Methylphenol
Concen: 39.852 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	92.1	138.1	
77	51.0	35.5	53.3	
79	48.6	34.5	51.7	

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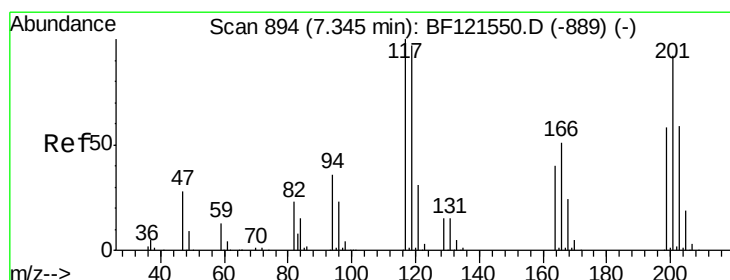
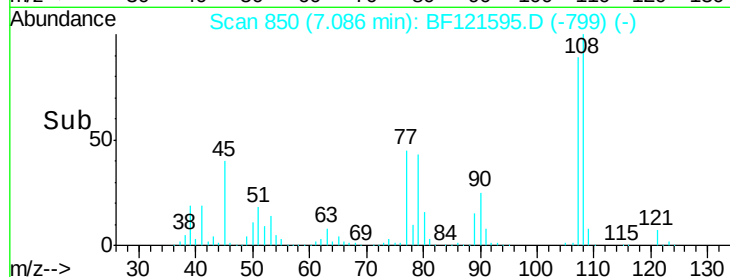
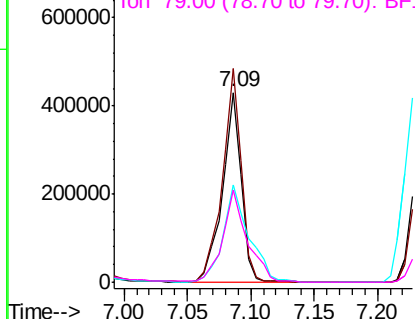
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

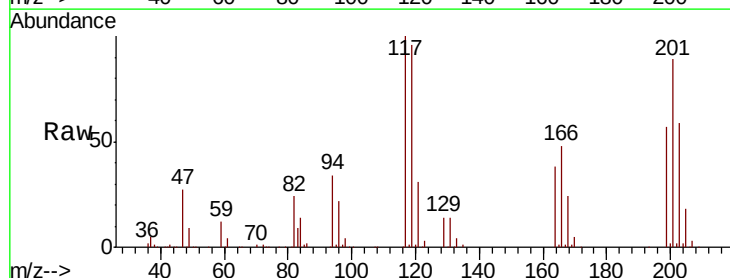
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.604 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.2	115.8	
201	89.0	73.7	110.5	

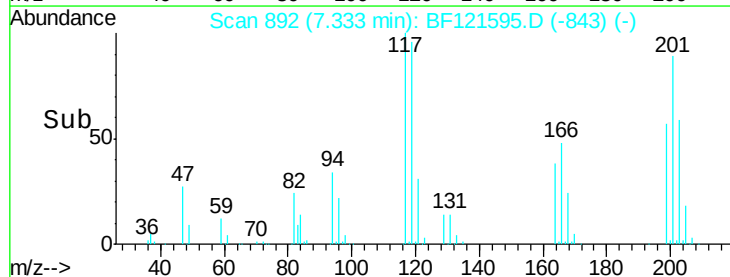
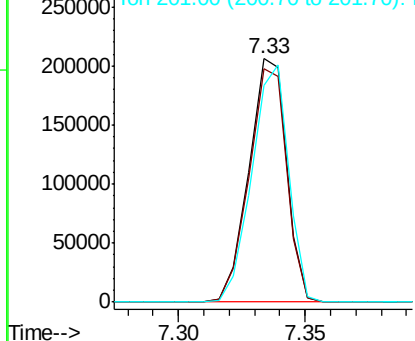


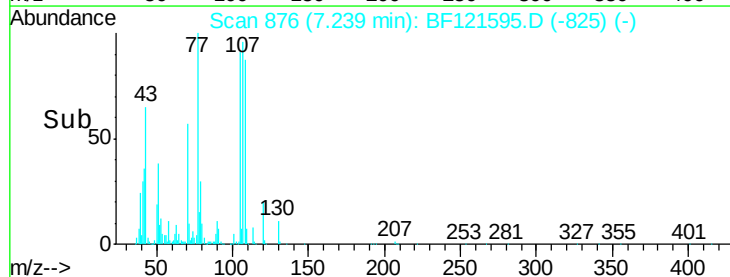
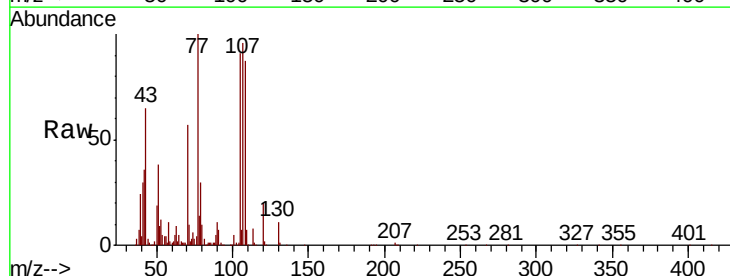
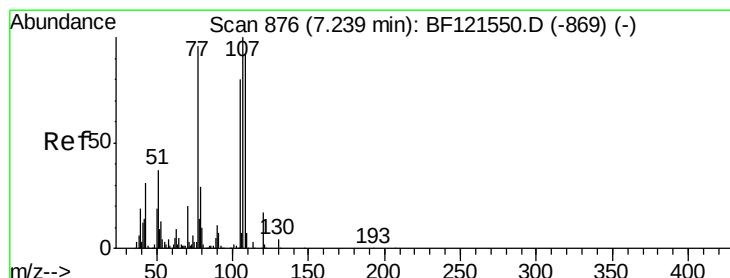
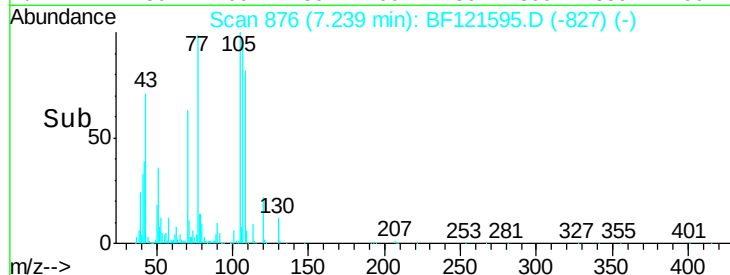
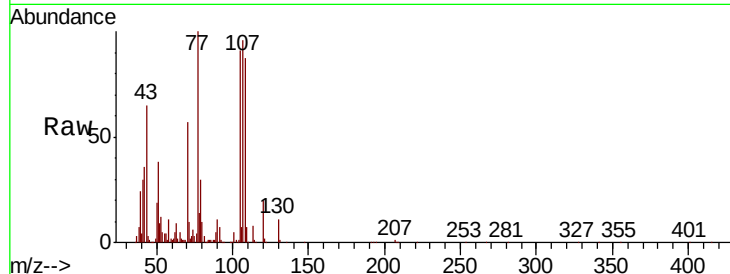
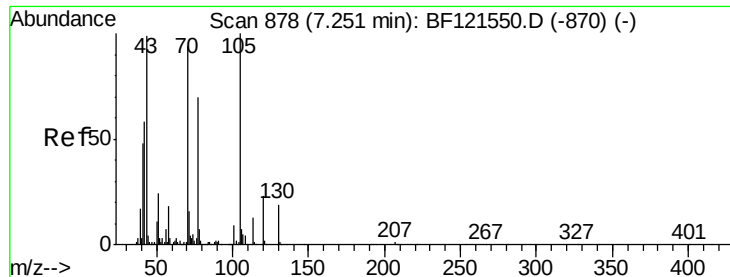
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





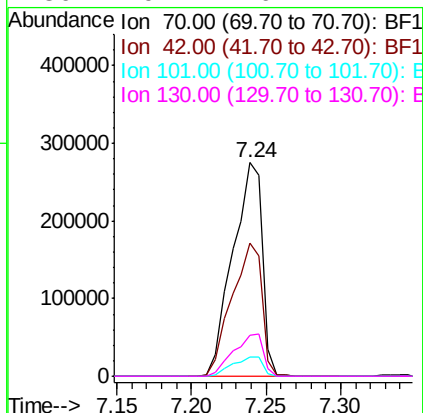
#19
n-Nitroso-di-n-propylamine
Concen: 38.940 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.5	49.4	74.2		
101	9.1	7.6	11.4		
130	19.4	16.2	24.4		

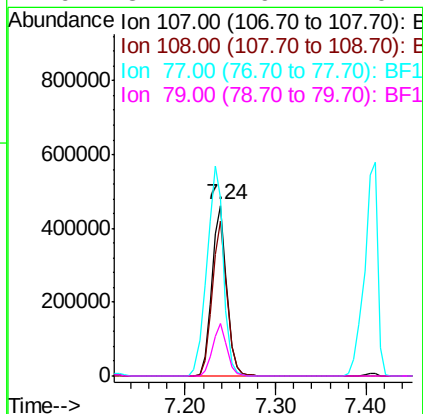
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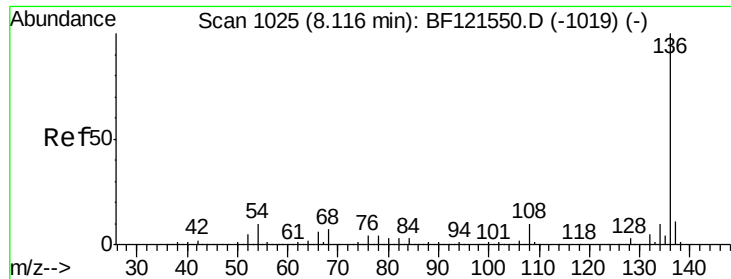
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#20
3+4-Methylphenols
Concen: 39.517 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8	71.8	111.8		
77	104.5	75.5	115.5		
79	31.1	9.2	49.2		





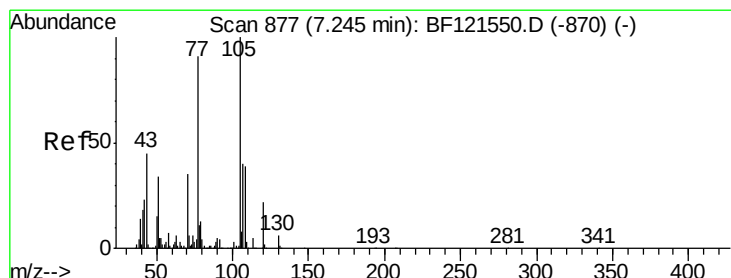
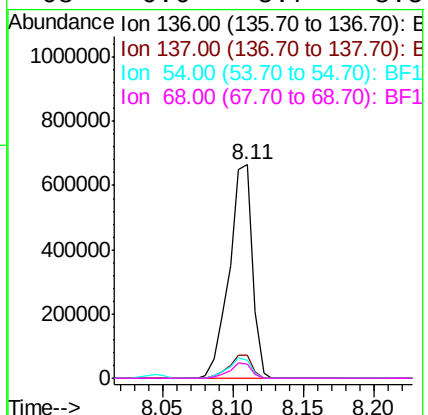
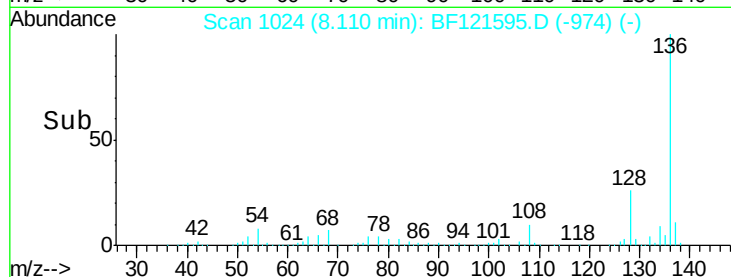
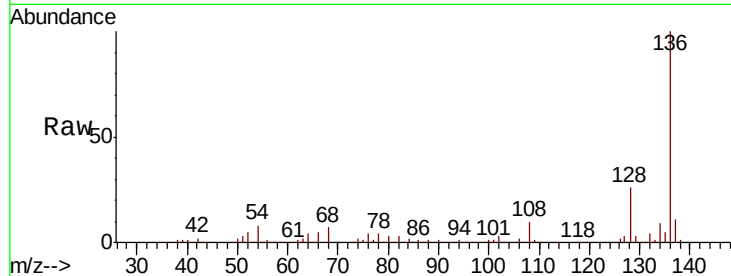
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	757970		
137	10.8		9.0	13.6
54	8.2		7.6	11.4
68	6.6		5.7	8.5

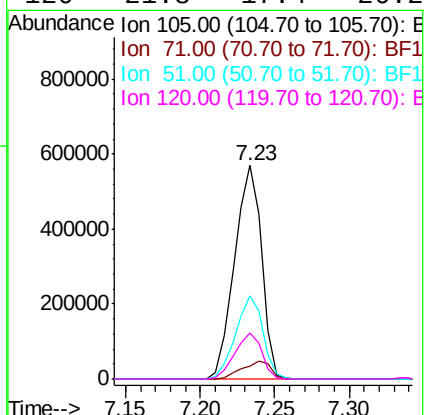
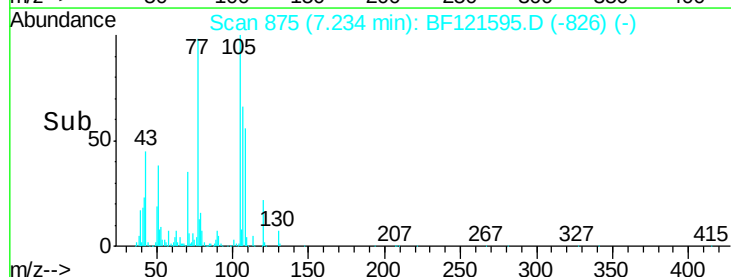
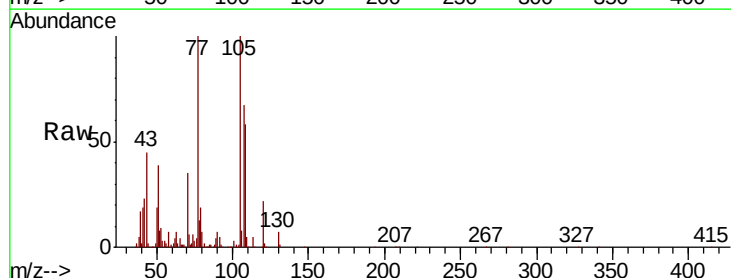
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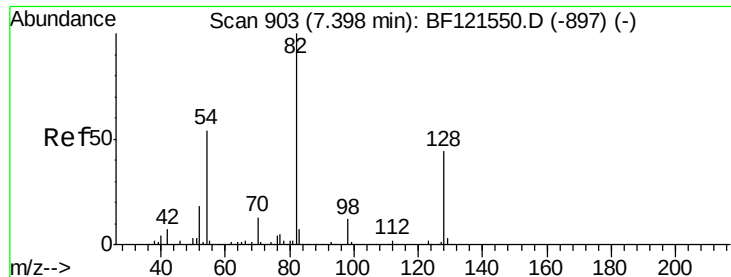
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#22
Acetophenone
Concen: 37.398 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	719197		
71	5.7		4.6	7.0
51	38.9		27.6	41.4
120	21.8		17.4	26.2





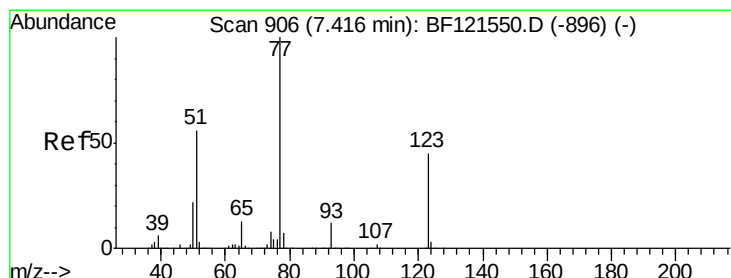
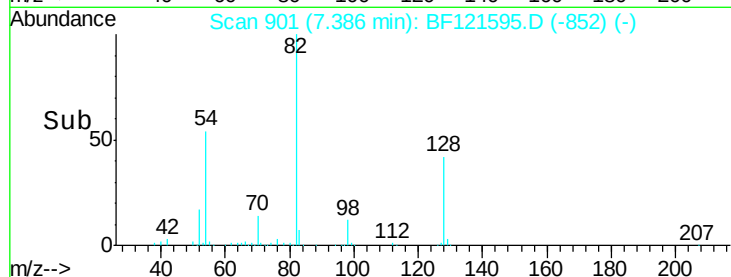
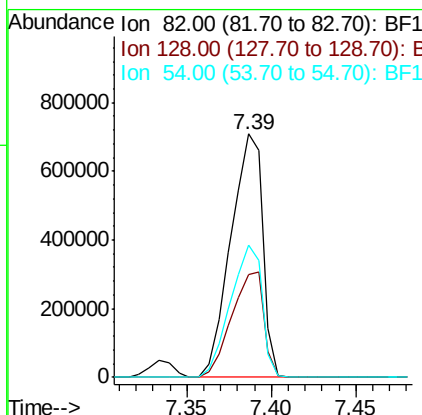
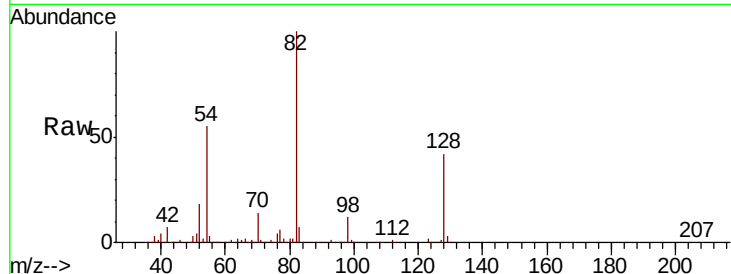
#23
 Nitrobenzene-d5
 Concen: 66.103 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.1	52.7
54	54.6	43.0	64.6

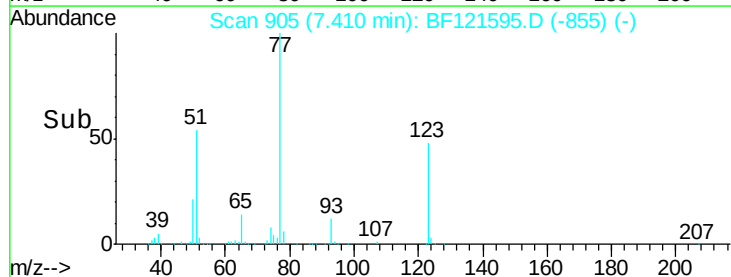
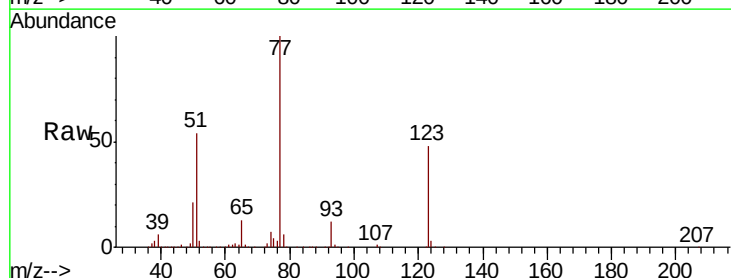
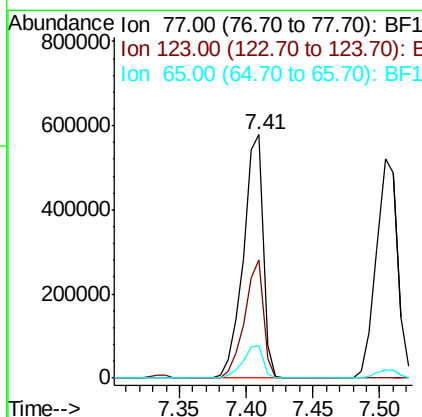
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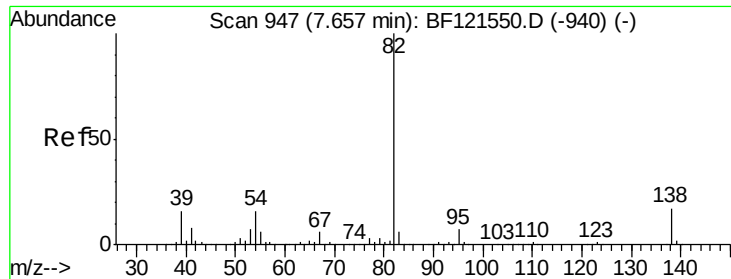
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#24
 Nitrobenzene
 Concen: 38.728 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.8	53.8
65	13.3	10.7	16.1





#25

Isophorone

Concen: 37.739 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion: 82 Resp: 1072468

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

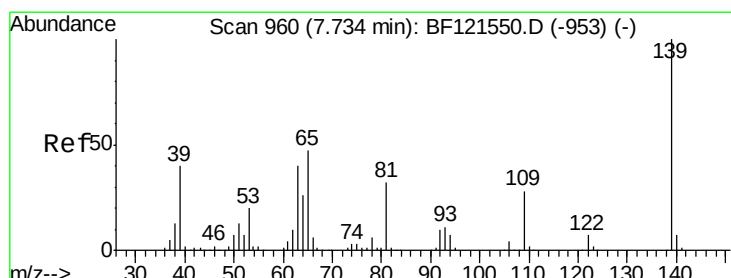
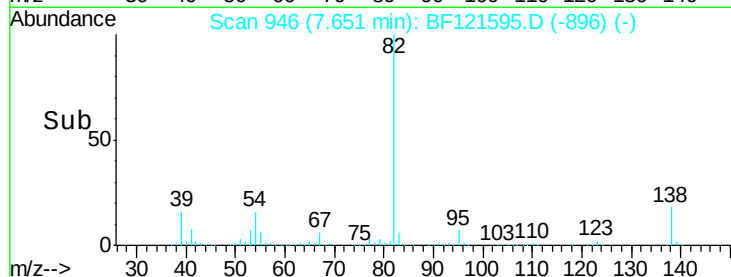
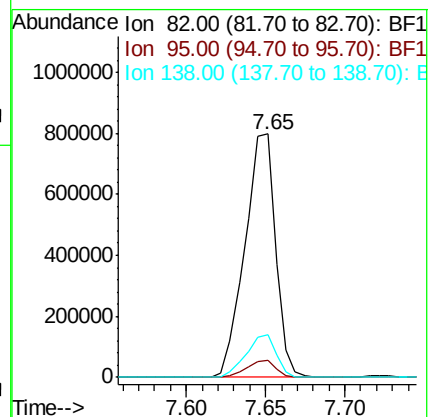
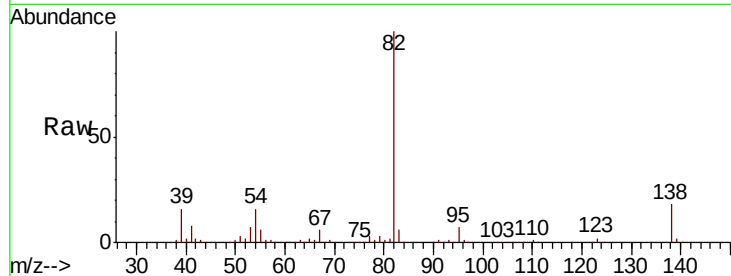
138 17.8 13.7 20.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.653 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

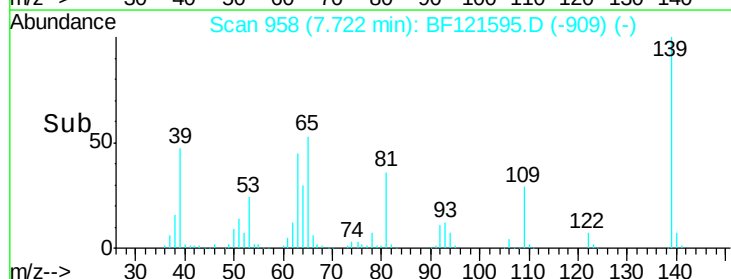
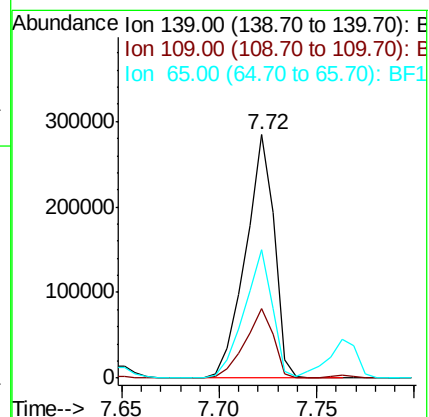
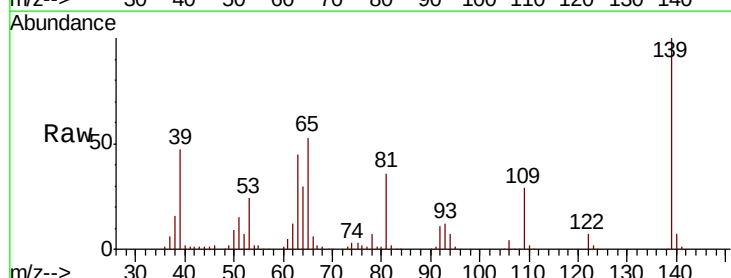
Tgt Ion: 139 Resp: 289237

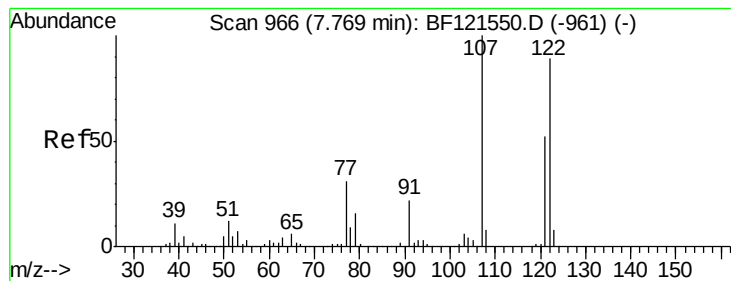
Ion Ratio Lower Upper

139 100

109 28.8 22.4 33.6

65 52.7 37.6 56.4





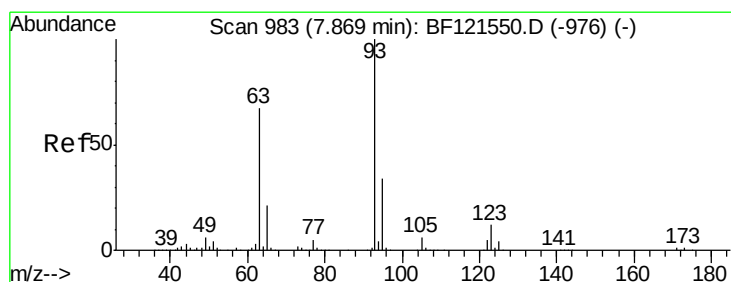
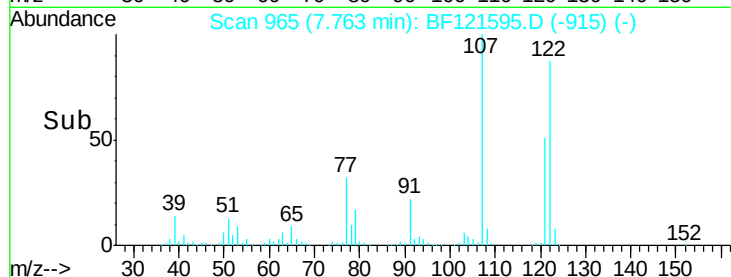
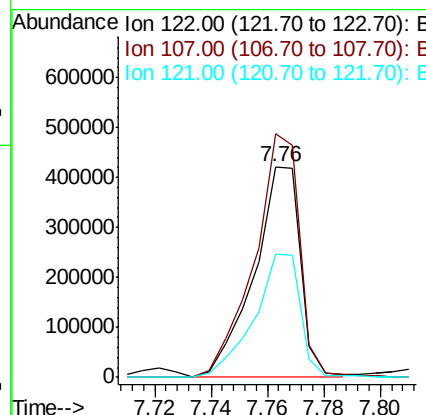
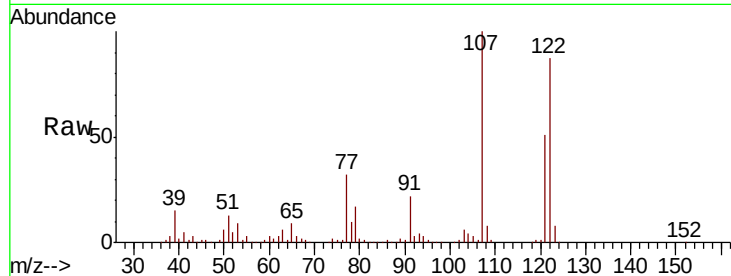
#27
 2,4-Dimethylphenol
 Concen: 37.833 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	89.5	134.3
121	58.7	46.6	70.0

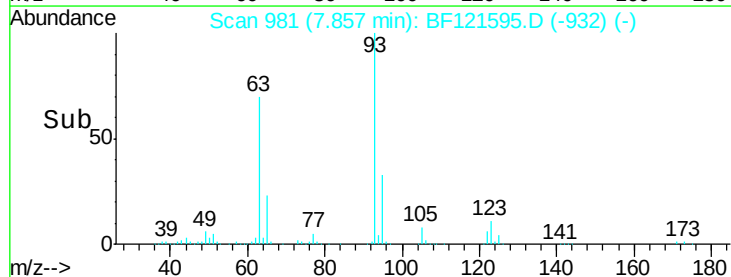
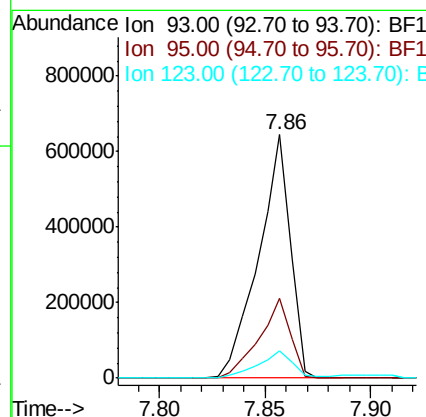
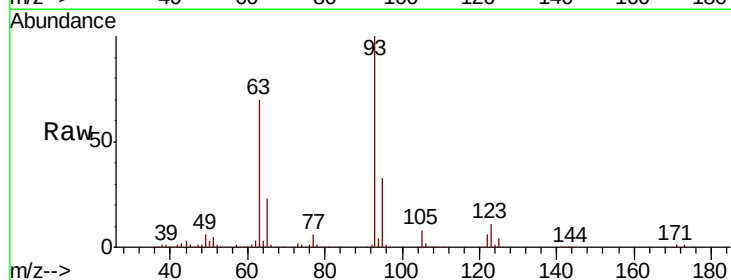
Manual Integrations
 APPROVED

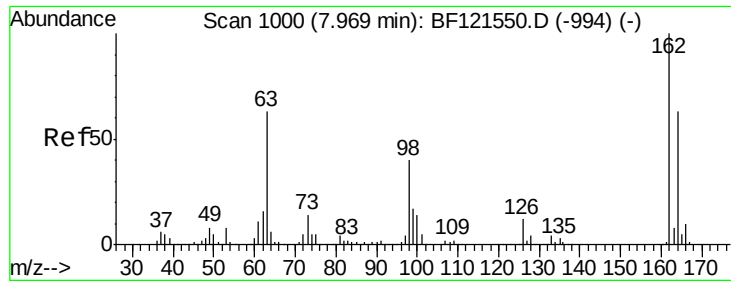
mohammad
 9/18/2020 11:28:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.364 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	11.2	9.7	14.5





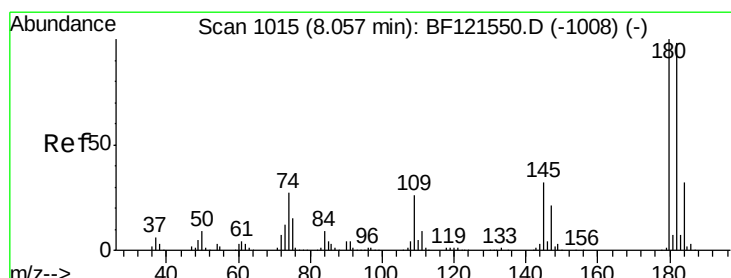
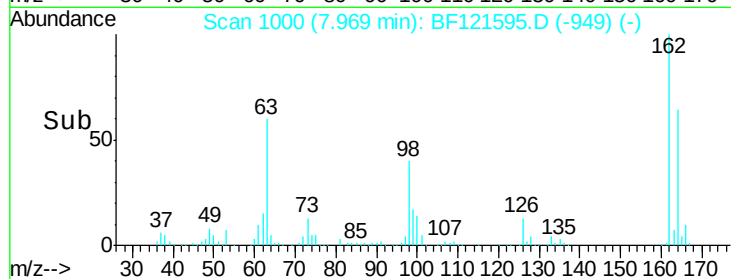
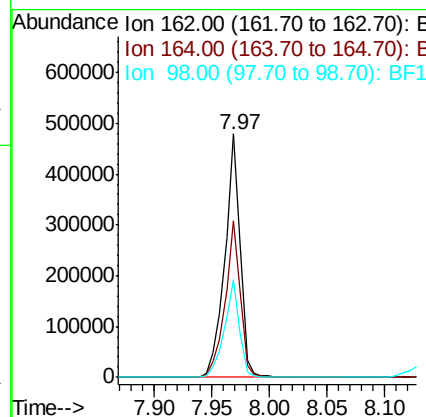
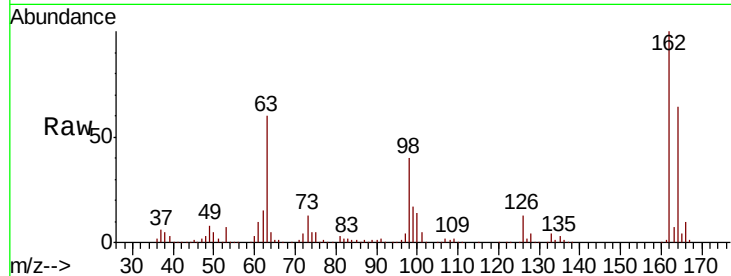
#29
2,4-Dichlorophenol
Concen: 38.509 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	444923		
164	64.4	43.5	83.5	
98	40.3	20.2	60.2	

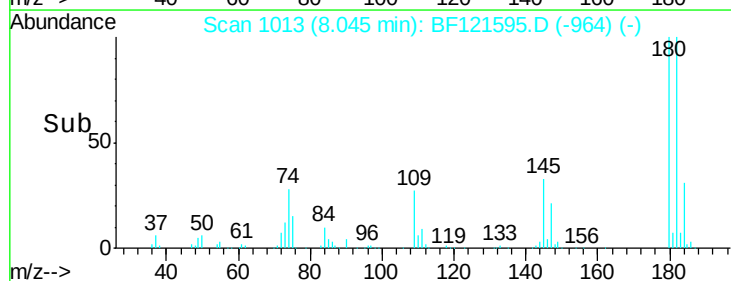
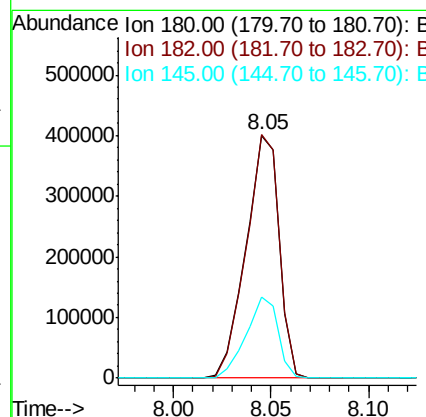
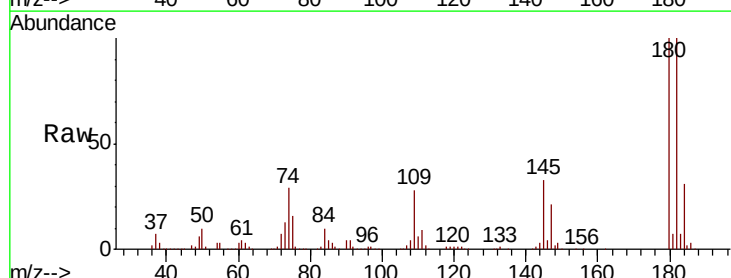
Manual Integrations
APPROVED

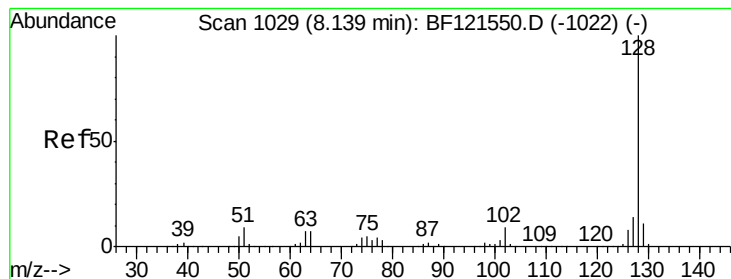
mohammad
9/18/2020 11:28:14 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.834 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	472533		
182	100.2	78.7	118.1	
145	33.6	26.0	39.0	





#31

Naphthalene

Concen: 38.215 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:128 Resp: 1529059

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

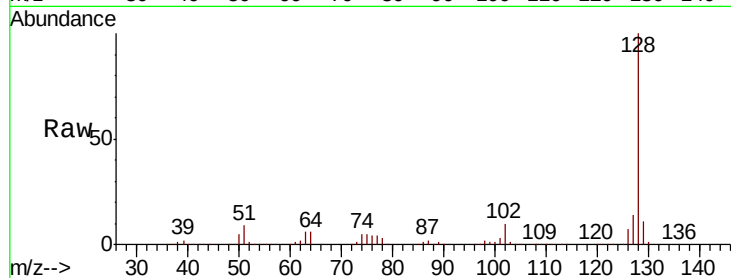
127 13.6 11.0 16.6

Manual Integrations

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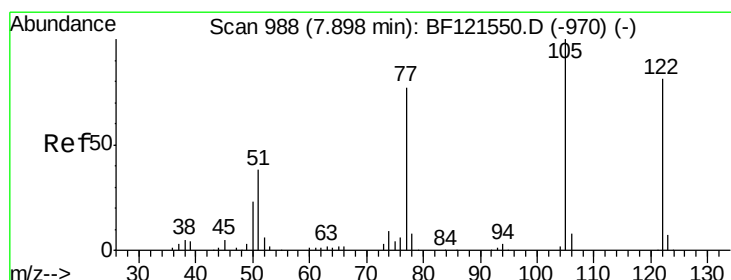
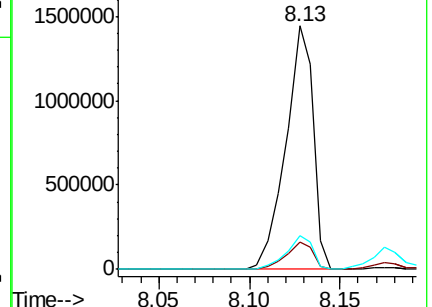
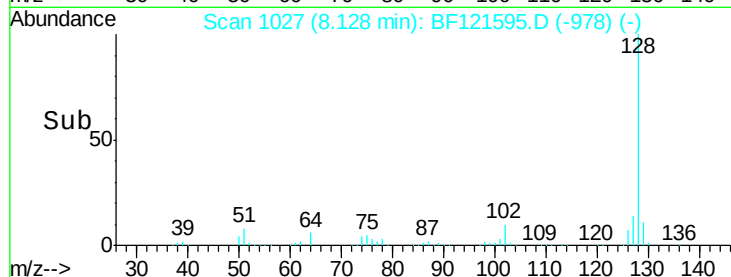
9/18/2020 11:28:14 AM



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: 37.192 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

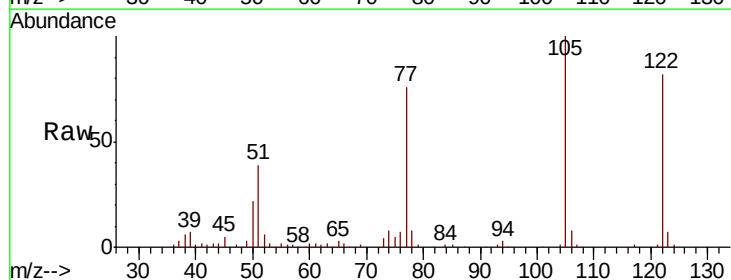
Tgt Ion:122 Resp: 334716

Ion Ratio Lower Upper

122 100

105 122.4 100.5 140.5

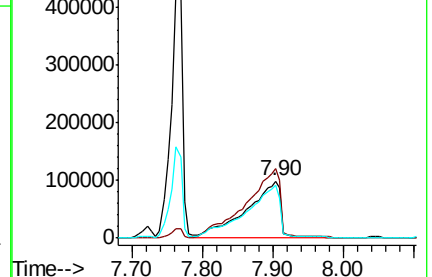
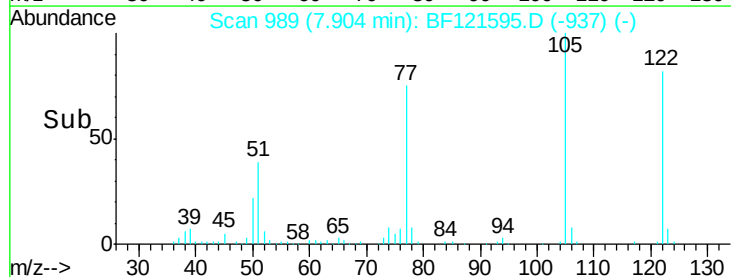
77 93.3 72.6 112.6

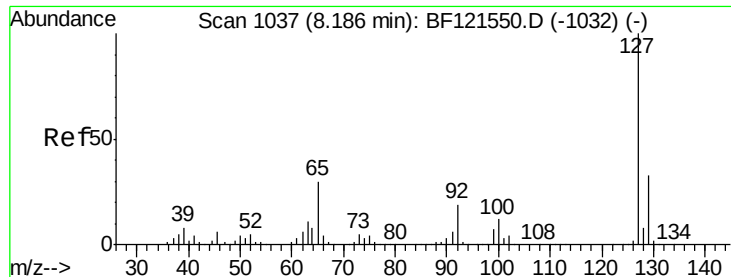


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





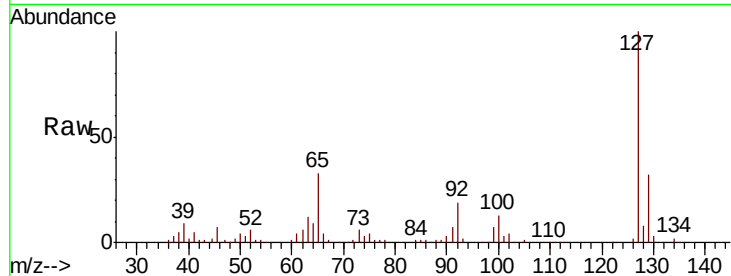
#33
4-Chloroaniline
Concen: 9.946 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

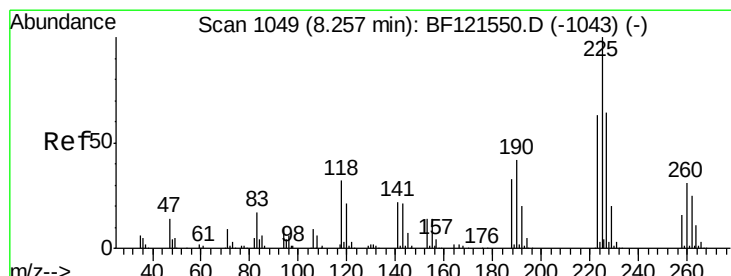
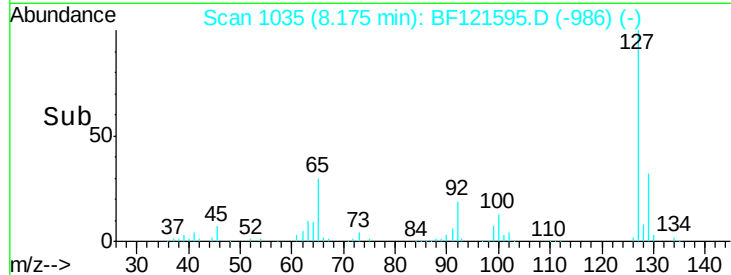
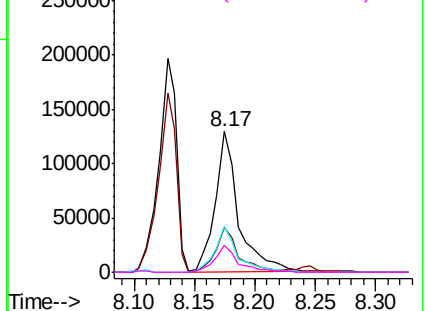
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.4	39.6		
65	32.8	24.4	36.6		
92	19.0	15.4	23.2		

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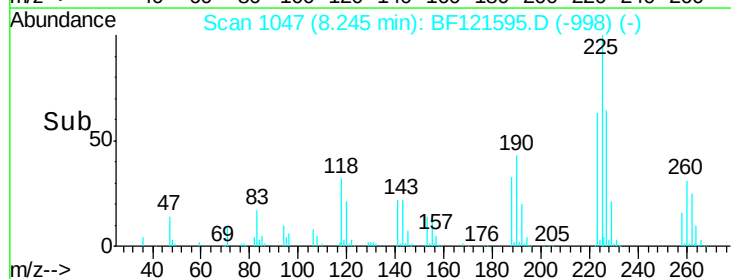
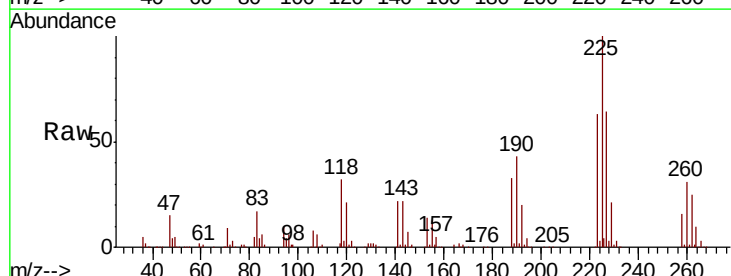
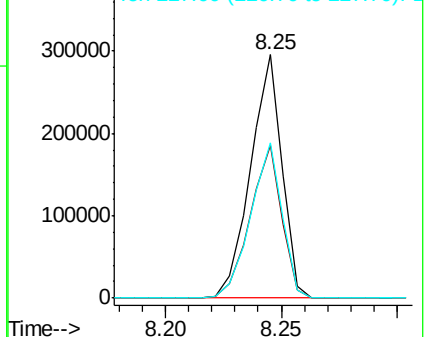
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

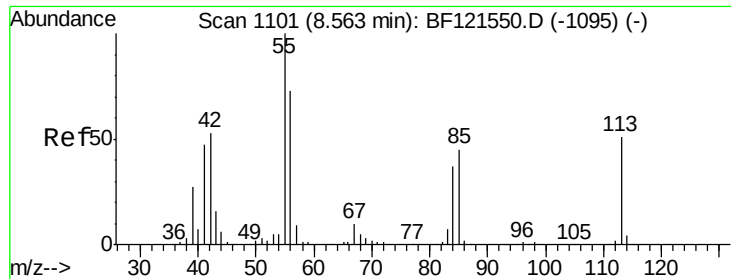


#34
Hexachlorobutadiene
Concen: 39.315 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.2	75.2		
227	63.9	51.0	76.4		

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





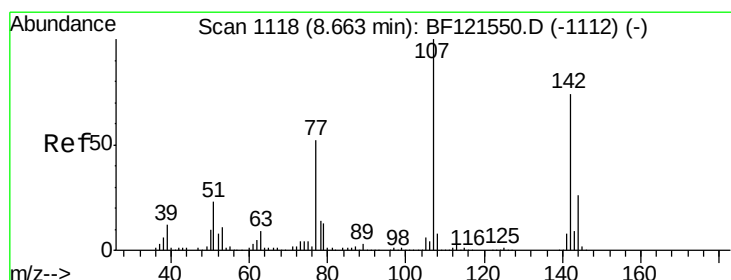
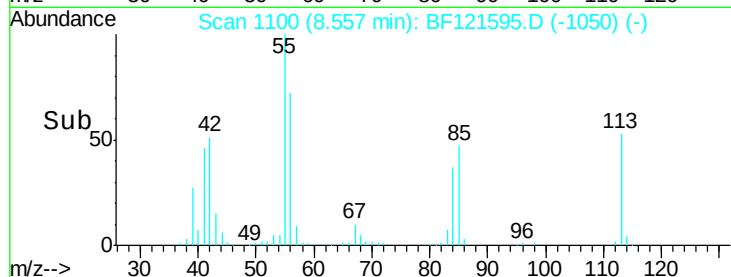
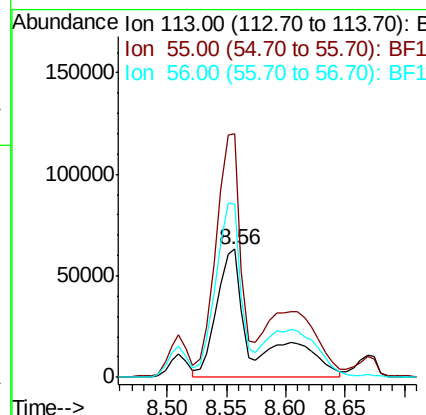
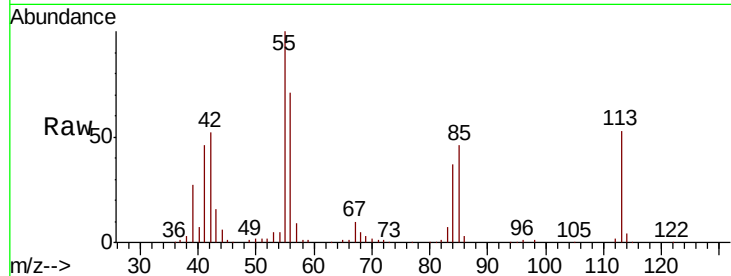
#35
Caprolactam
Concen: 37.549 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	190.1		176.2	216.2	
56	135.4		123.9	163.9	

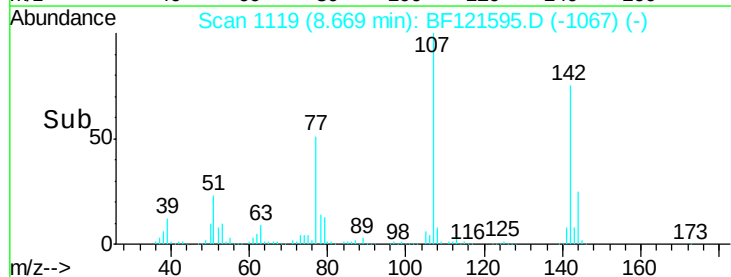
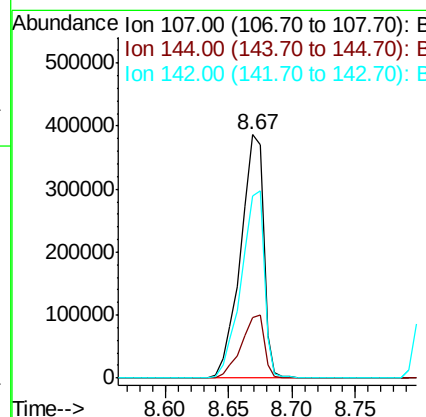
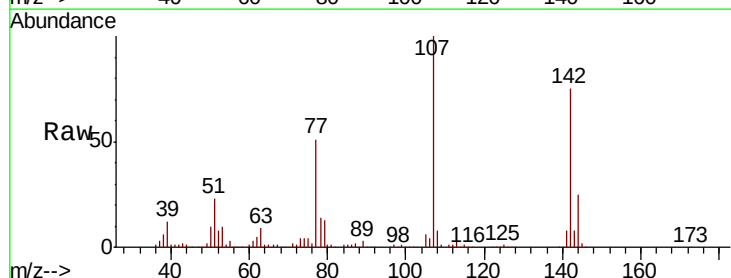
Manual Integrations
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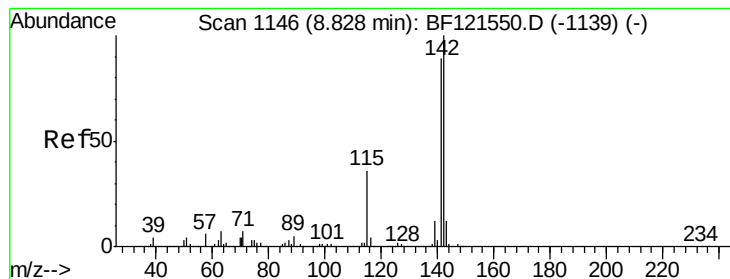
mohammad
9/18/2020 11:28:14 AM



#36
4-Chloro-3-methylphenol
Concen: 39.120 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1		20.5	30.7	
142	74.7		59.5	89.3	





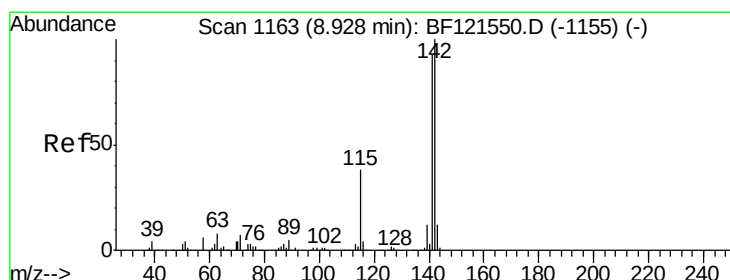
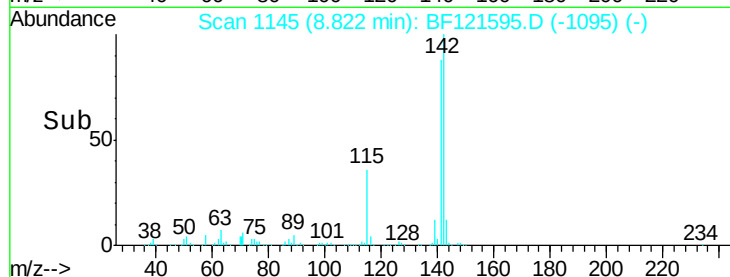
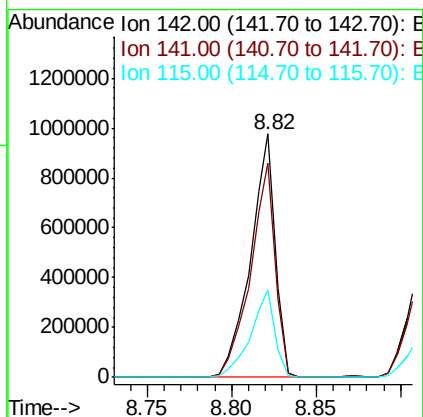
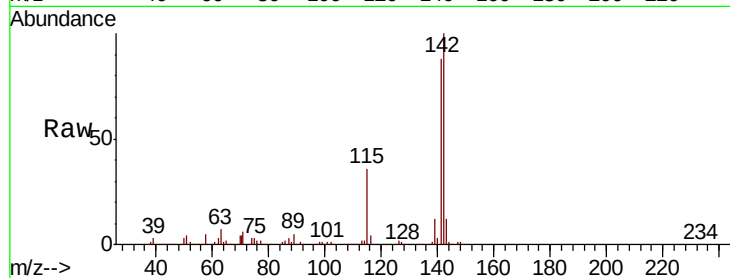
#37
2-Methylnaphthalene
Concen: 38.141 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.5	107.3
115	35.7	28.7	43.1

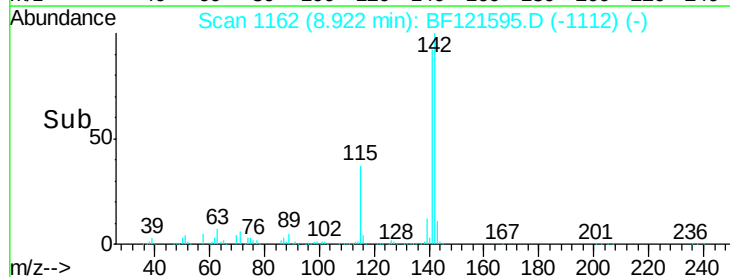
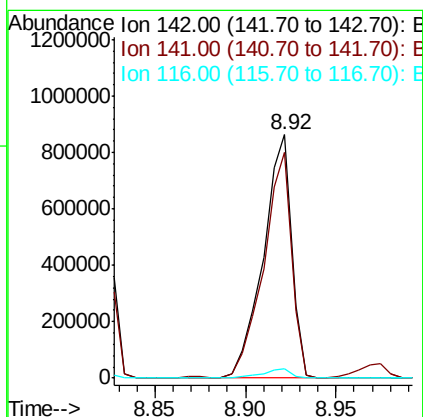
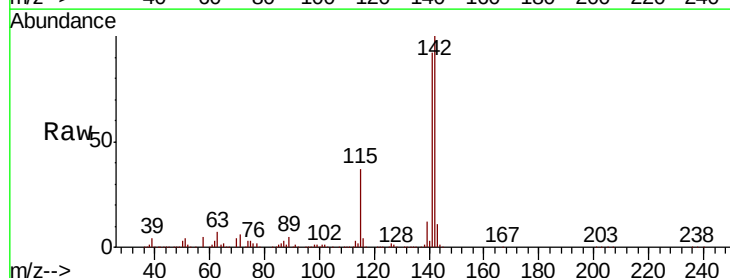
Manual Integrations
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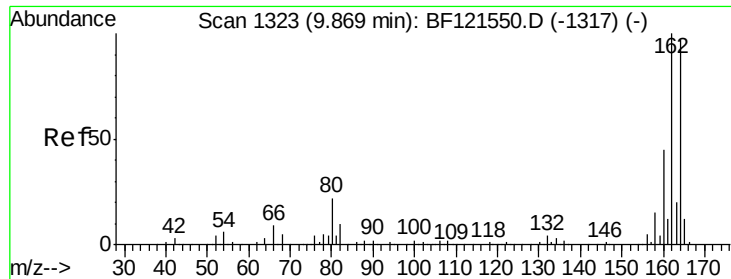
mohammad
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#38
1-Methylnaphthalene
Concen: 38.380 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.8	112.2
116	3.7	3.0	4.6





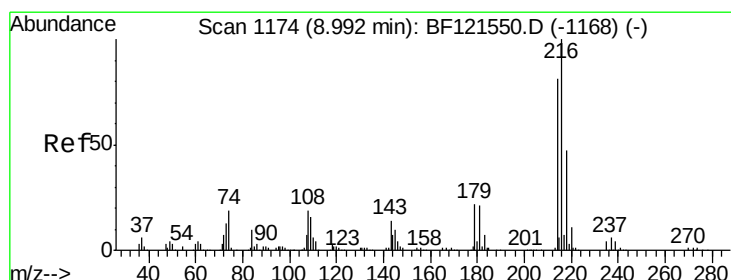
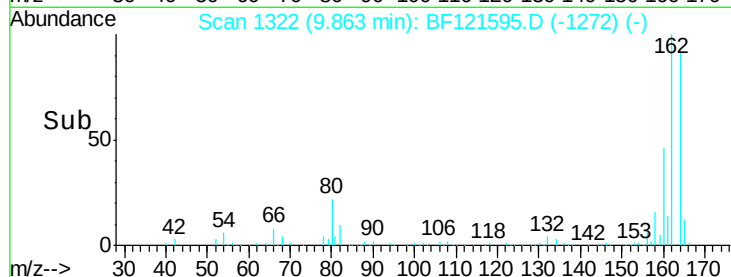
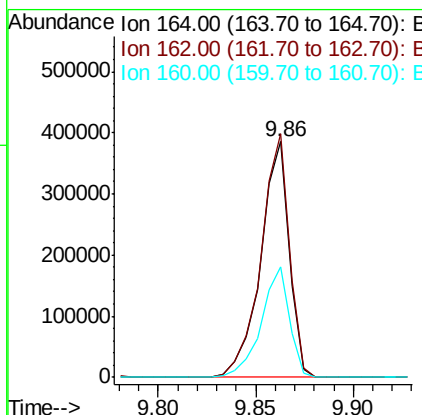
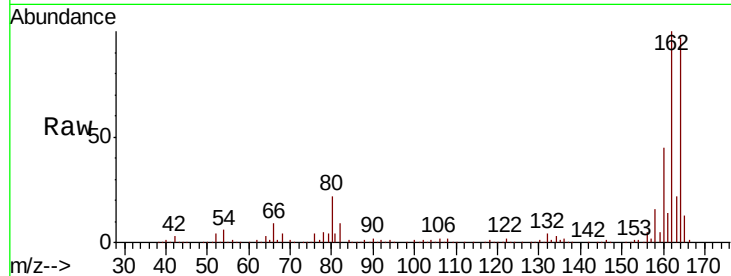
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.3	123.5
160	46.8	37.0	55.4

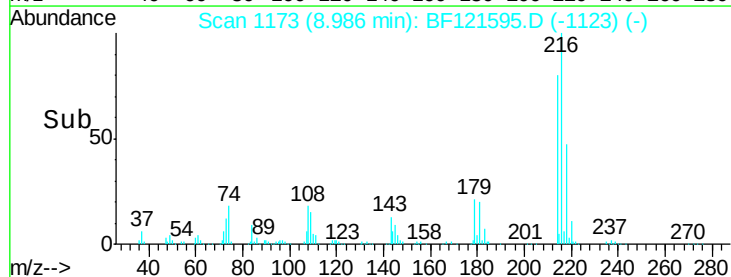
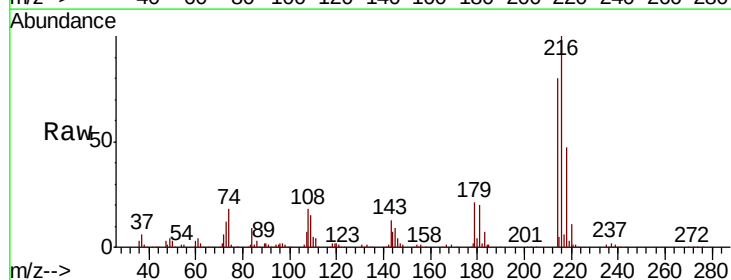
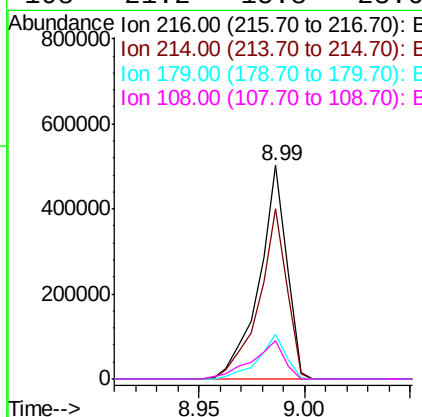
Manual Integrations
APPROVED

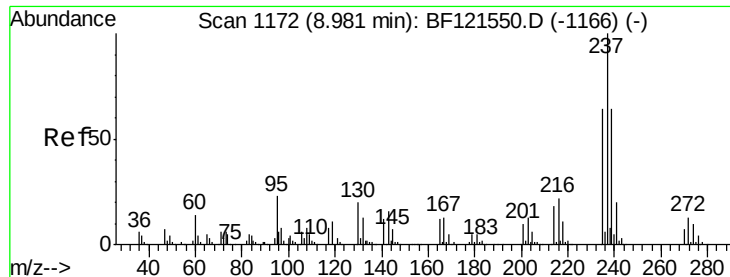
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.452 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.6	16.6	25.0
108	21.2	15.8	23.6





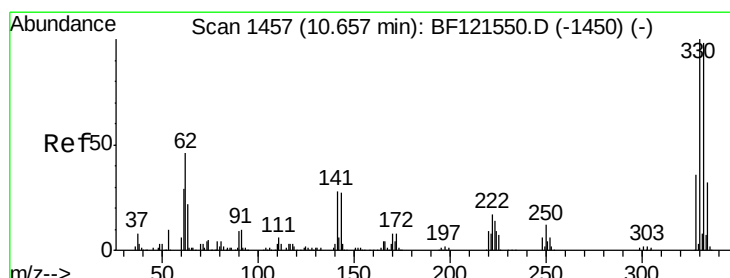
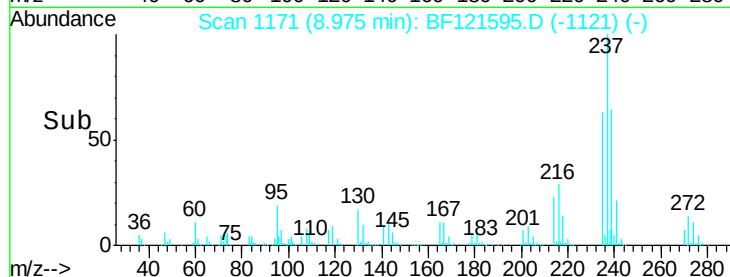
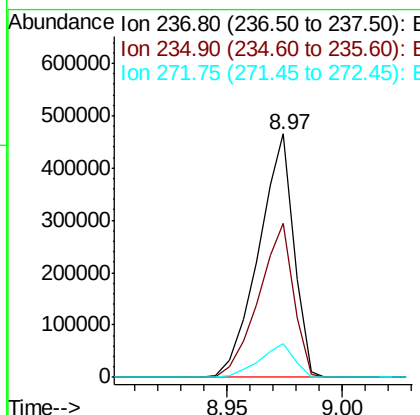
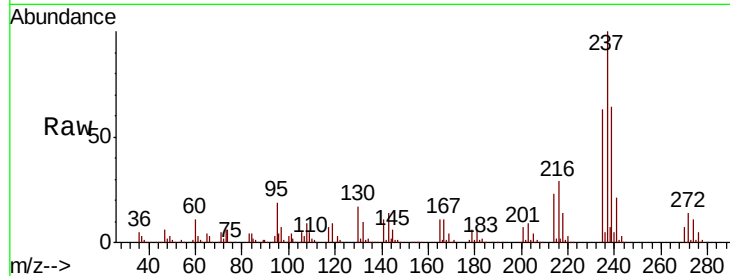
#41
Hexachlorocyclopentadiene
Concen: 70.563 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
237	100	491793		
235	63.5	44.0	84.0	
272	13.7	0.0	33.4	

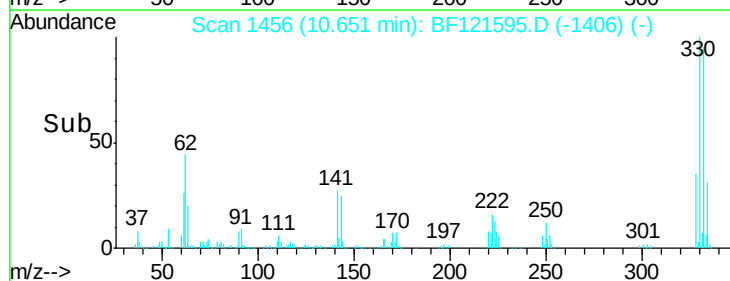
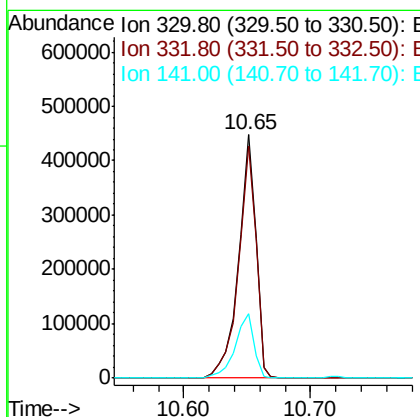
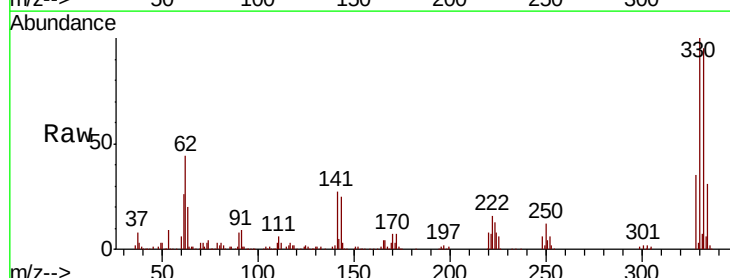
Manual Integrations
APPROVED

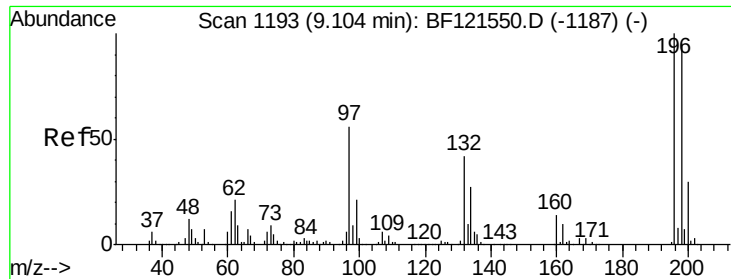
mohammad
9/18/2020 11:28:14 AM



#42
2,4,6-Tribromophenol
Concen: 86.716 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	421086		
332	96.6	77.1	115.7	
141	28.6	23.6	35.4	





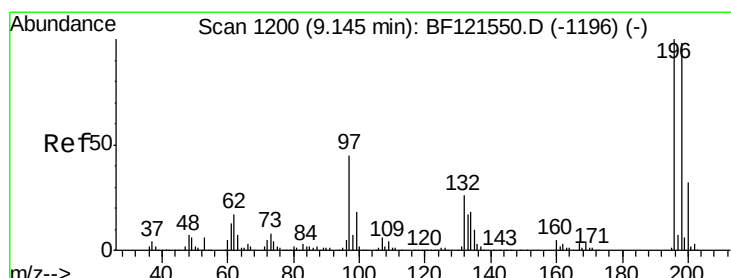
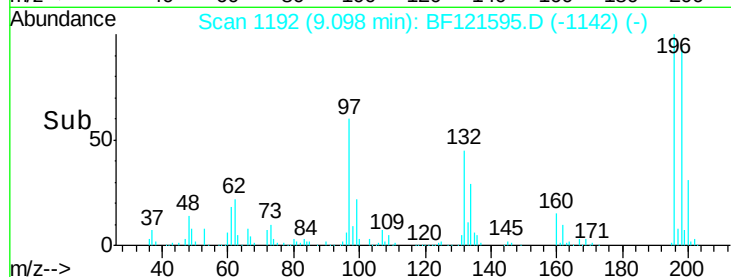
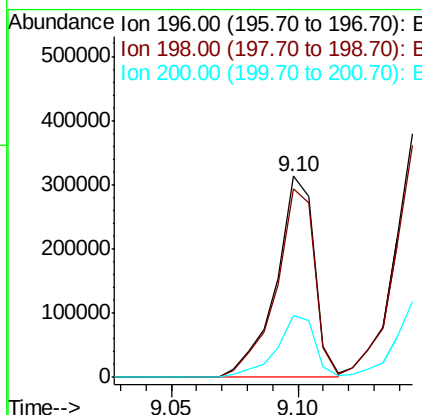
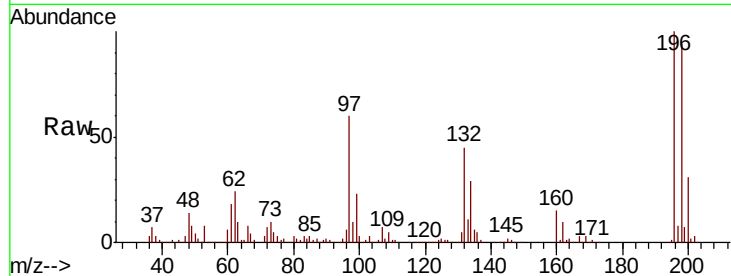
#43
2,4,6-Trichlorophenol
Concen: 39.552 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329014		
198	93.6	75.6	113.4	
200	30.6	24.0	36.0	

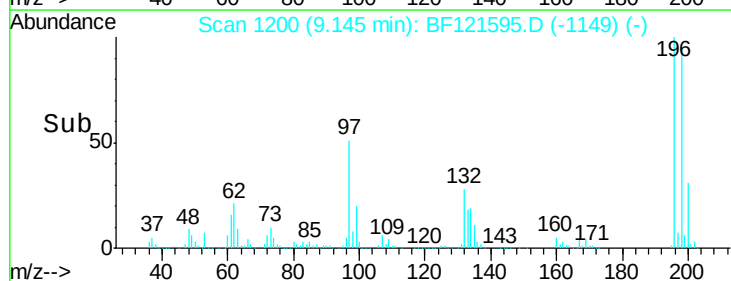
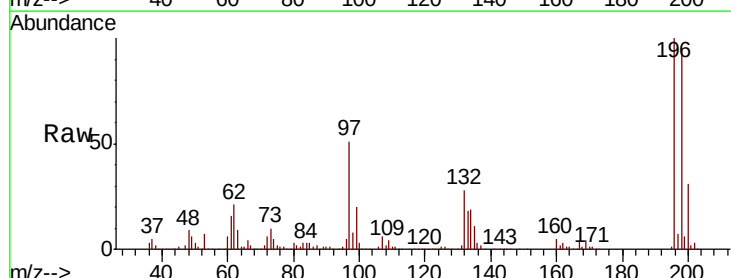
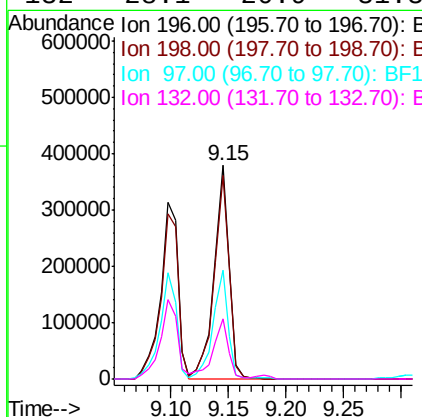
Manual Integrations
APPROVED

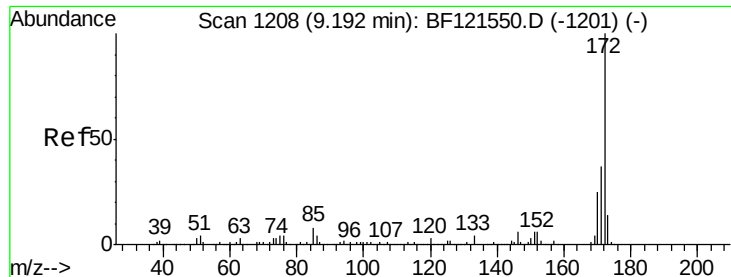
mohammad
9/18/2020 11:28:14 AM



#44
2,4,5-Trichlorophenol
Concen: 38.934 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	342388		
198	95.2	78.1	117.1	
97	50.8	36.8	55.2	
132	28.1	20.9	31.3	





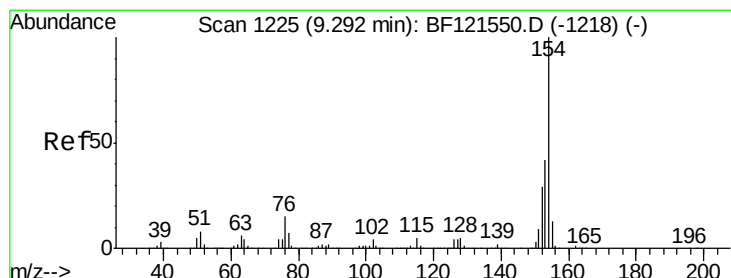
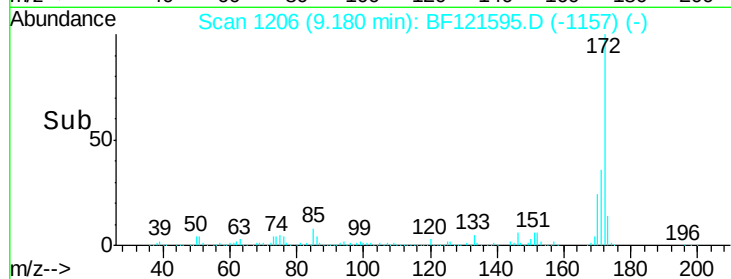
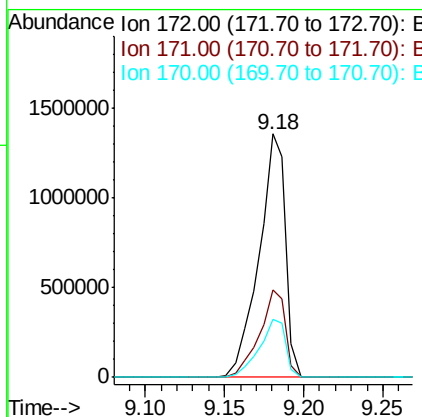
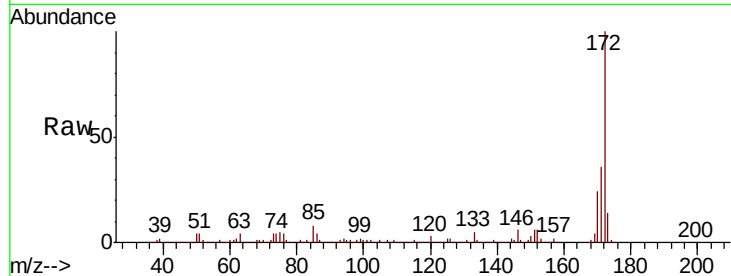
#45
2-Fluorobiphenyl
Concen: 61.407 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.0	19.8	29.8

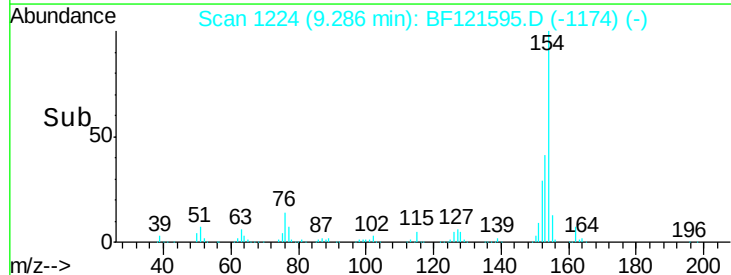
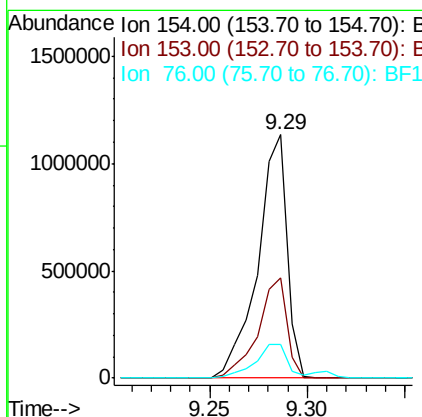
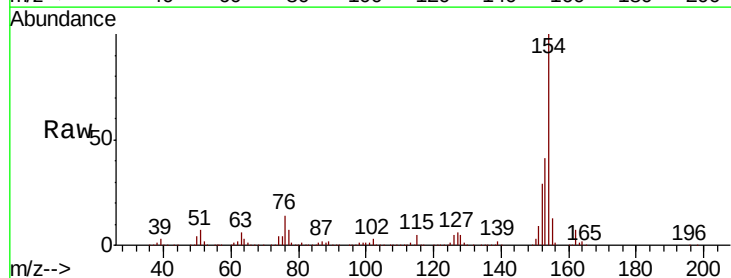
Manual Integrations
APPROVED

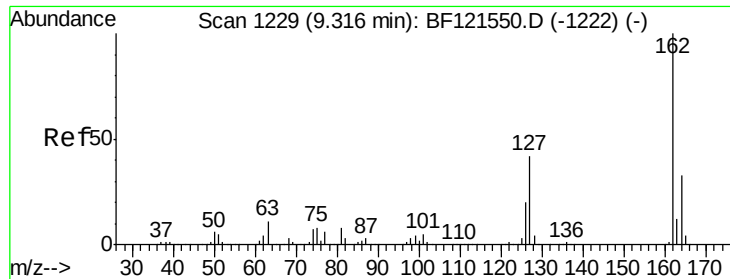
mohammad
9/18/2020 11:28:14 AM



#46
1,1'-Biphenyl
Concen: 37.838 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.7	61.7
76	13.9	0.0	35.5





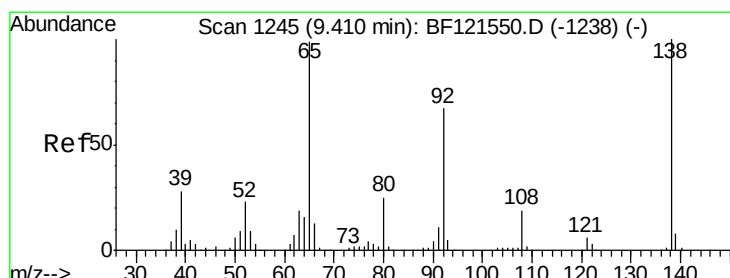
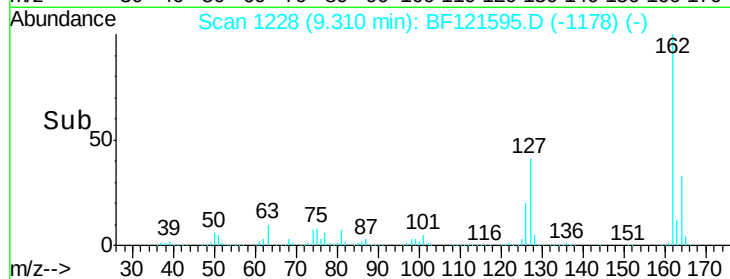
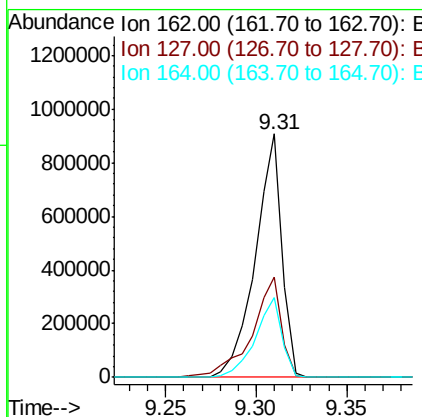
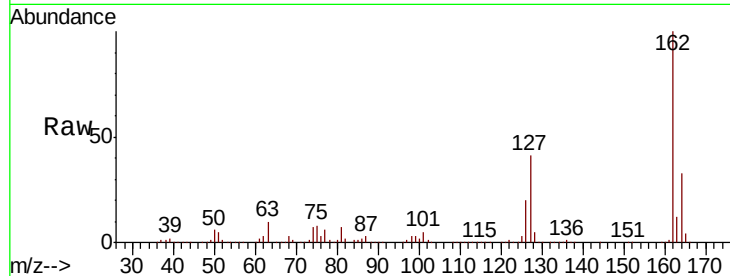
#47
 2-Chloronaphthalene
 Concen: 37.412 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.2	33.9	50.9		
164	32.7	26.7	40.1		

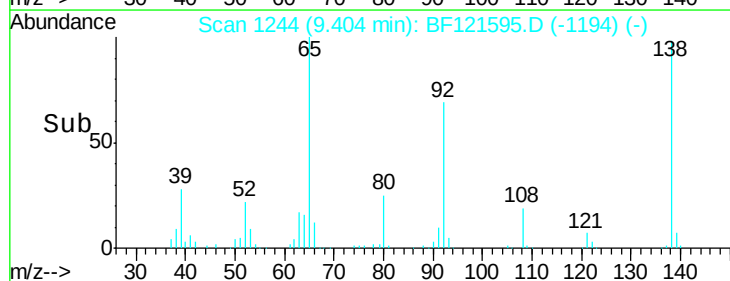
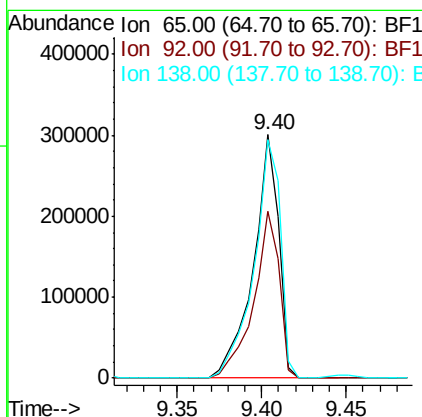
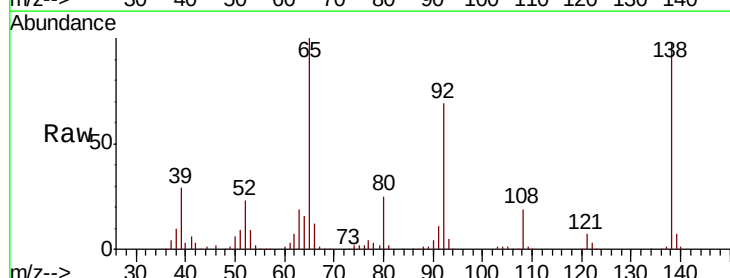
Manual Integrations
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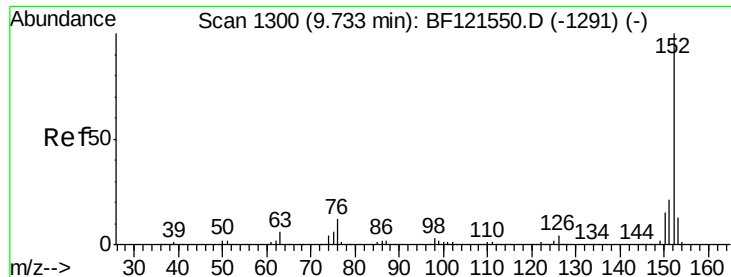
mohammad
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#48
 2-Nitroaniline
 Concen: 41.382 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.6	54.2	81.4		
138	97.8	80.8	121.2		





#49

Acenaphthylene

Concen: 38.310 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:152 Resp: 1450830

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

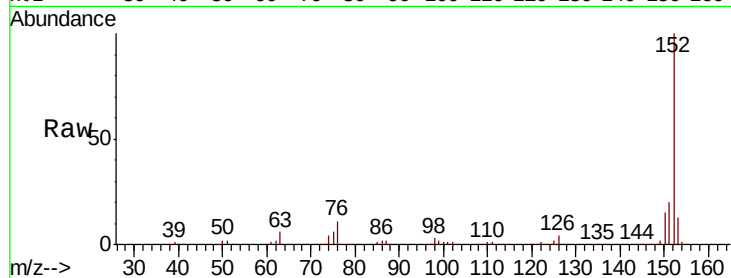
153 13.1 10.7 16.1

Manual Integrations

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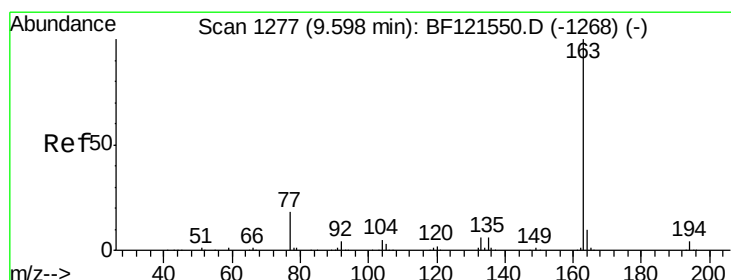
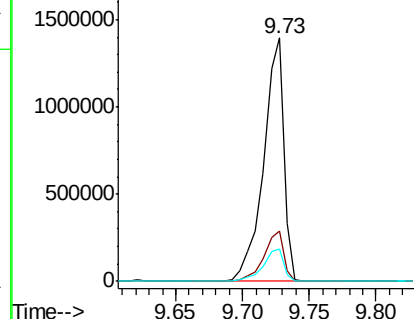
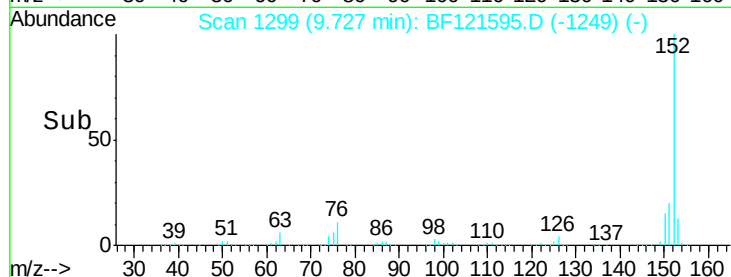
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.299 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

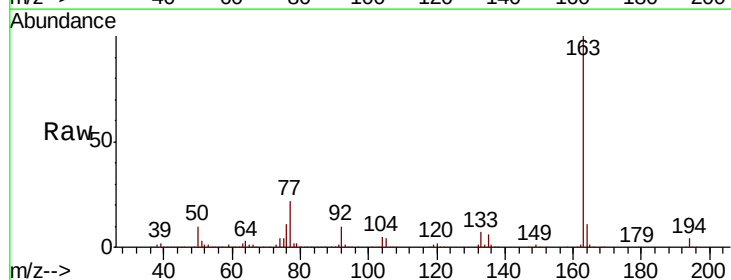
Tgt Ion:163 Resp: 1254447

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

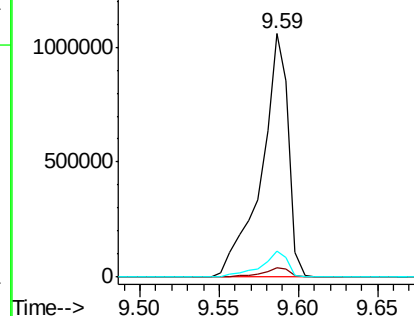
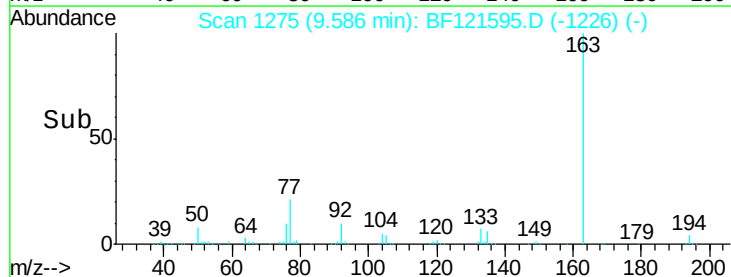
164 10.5 7.9 11.9

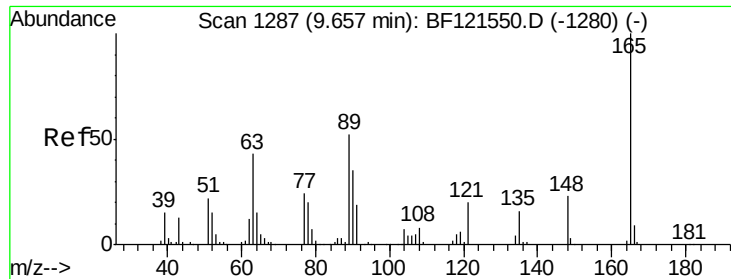


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





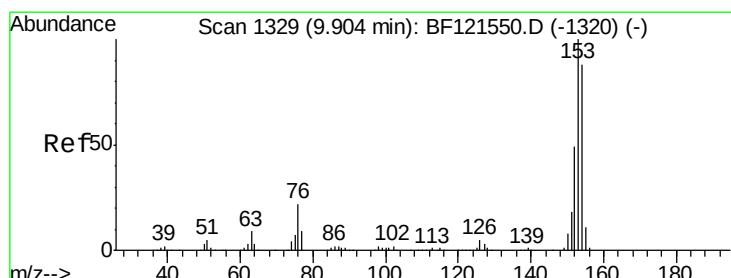
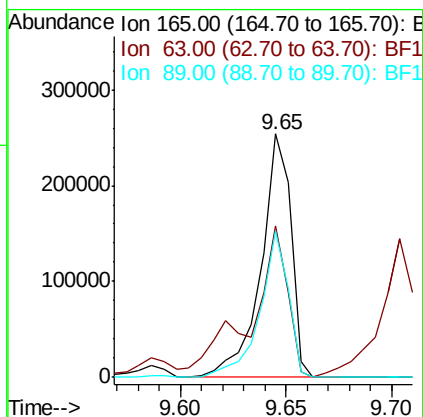
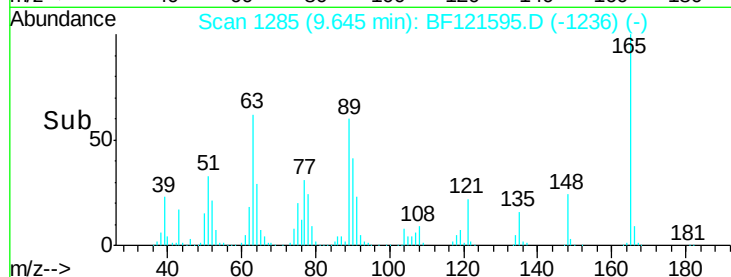
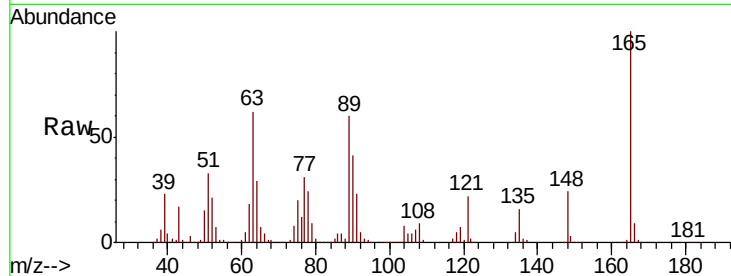
#51
2,6-Dinitrotoluene
Concen: 41.686 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	251393		
63	62.3	40.6	61.0#	
89	60.1	41.8	62.8	

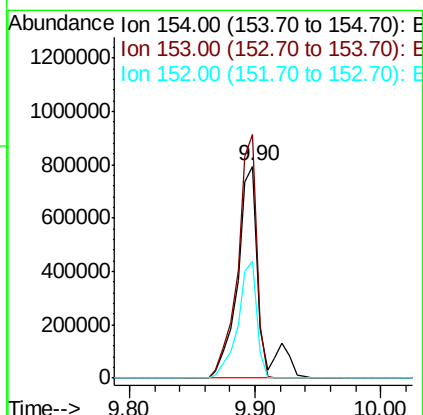
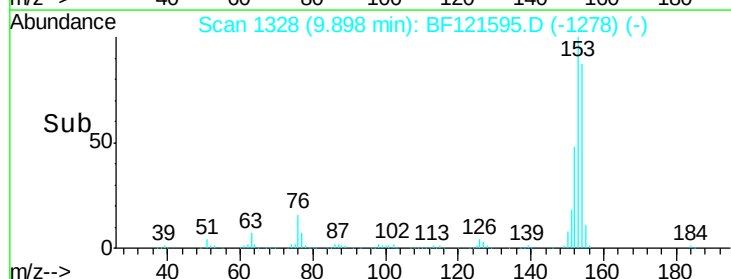
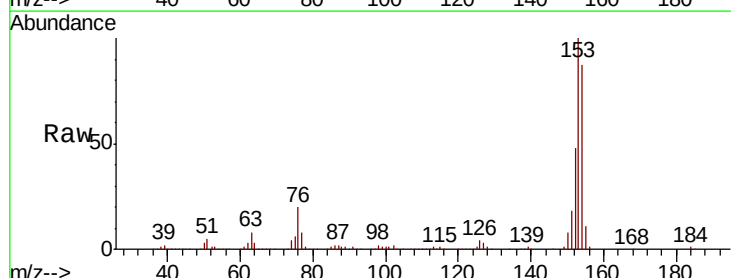
Manual Integrations
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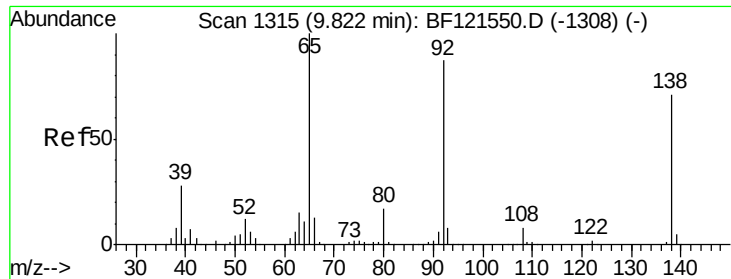
mohammad
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#52
Acenaphthene
Concen: 40.354 ng m
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	965257		
153	115.1	91.0	136.4	
152	55.0	44.2	66.2	





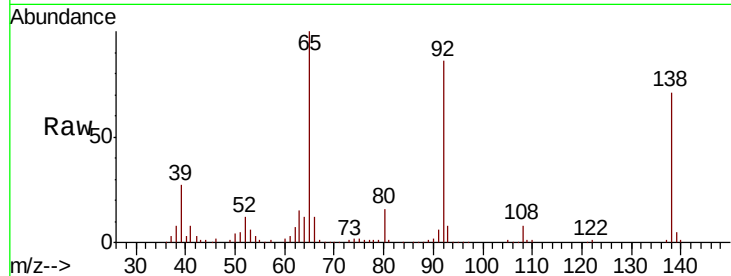
#53
 3-Nitroaniline
 Concen: 16.836 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

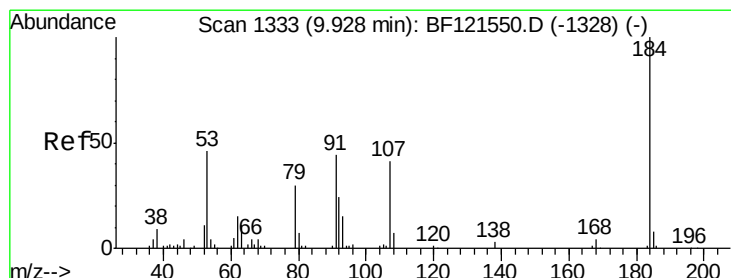
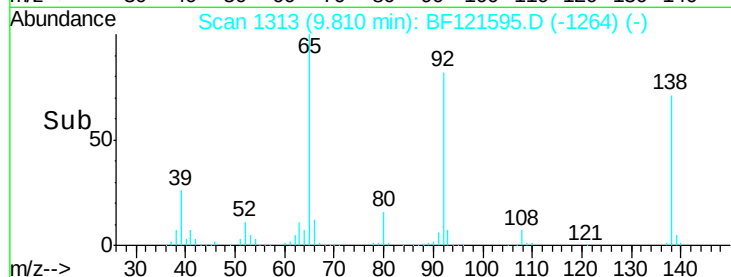
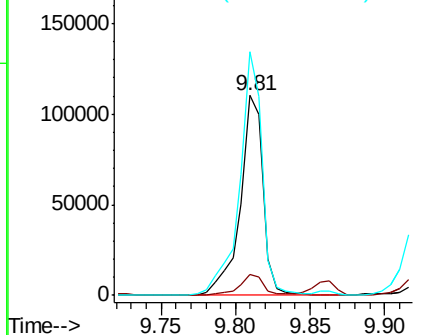
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.6
92	121.7	97.4	146.0

Manual Integrations
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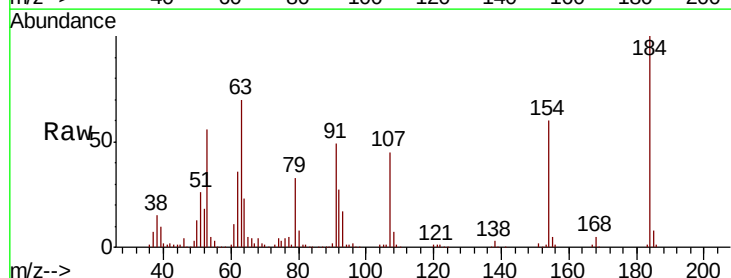


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

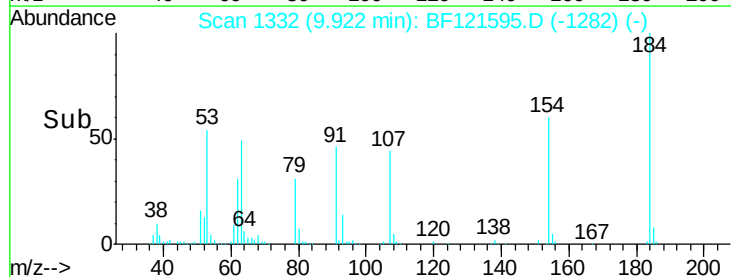
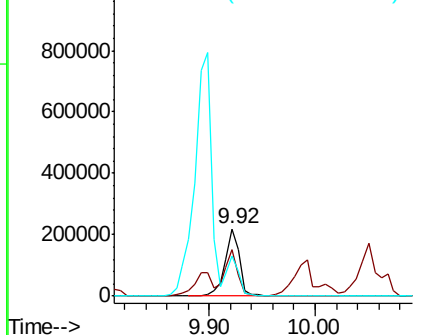


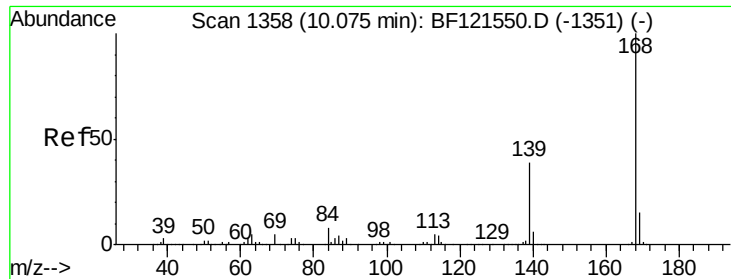
#54
 2,4-Dinitrophenol
 Concen: 63.150 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	47.7	71.5
154	60.5	47.2	70.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





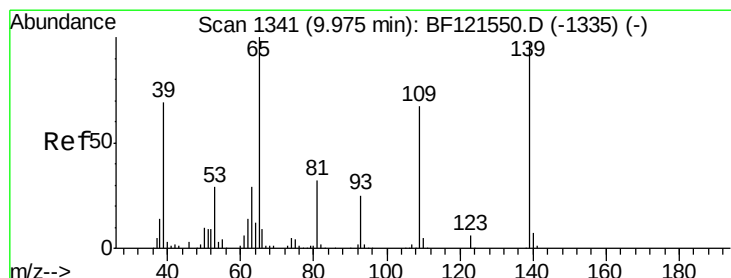
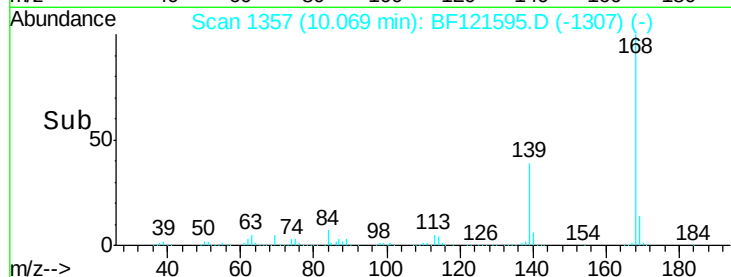
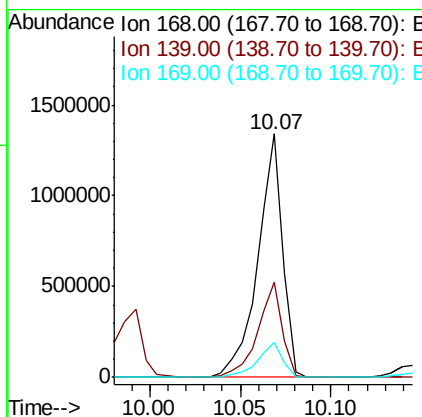
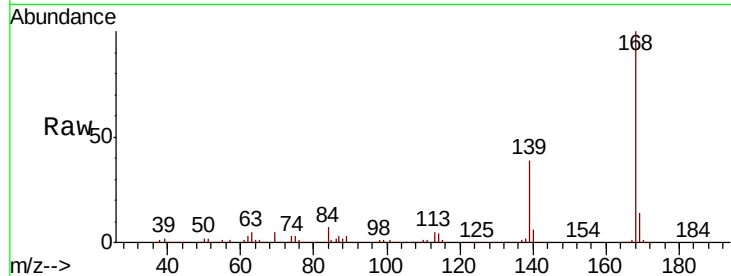
#55
Dibenzofuran
Concen: 37.824 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.4	47.0
169	14.4	11.9	17.9

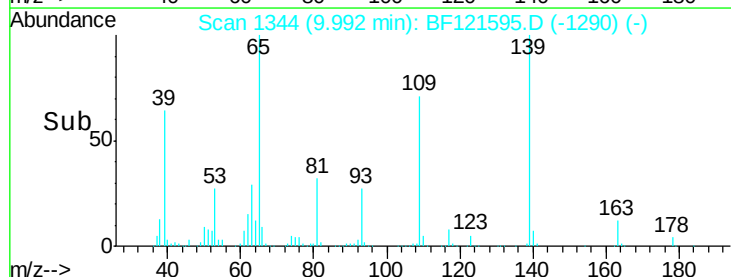
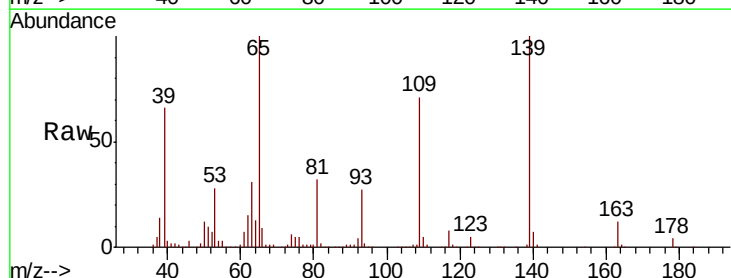
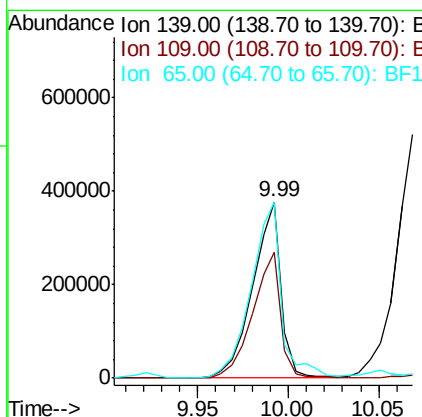
Manual Integrations
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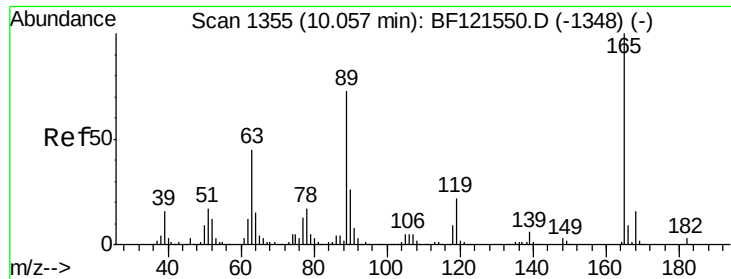
mohammad
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#56
4-Nitrophenol
Concen: 73.464 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.5	48.8	88.8
65	100.1	83.6	123.6





#57

2,4-Dinitrotoluene

Concen: 44.121 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

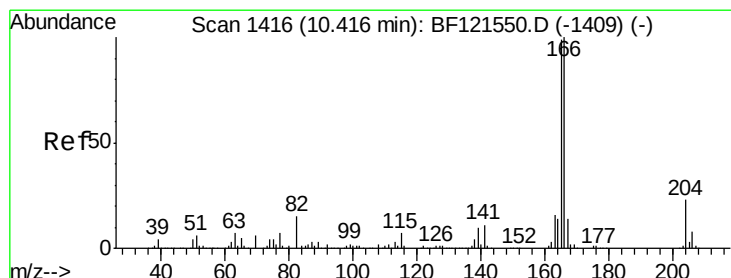
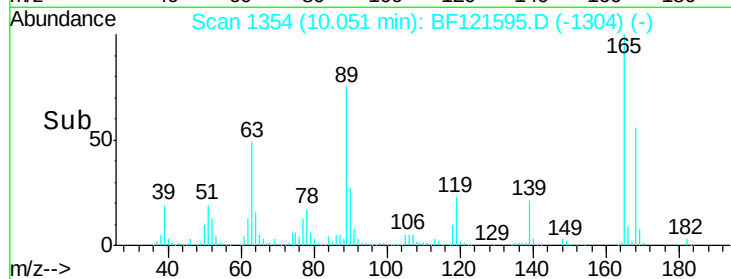
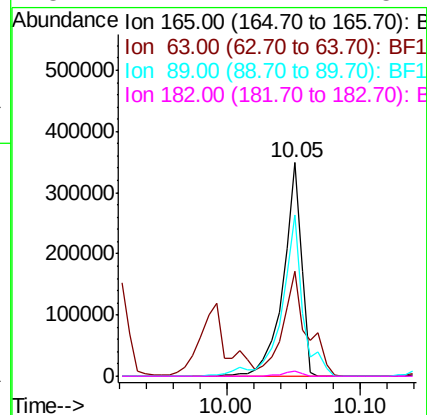
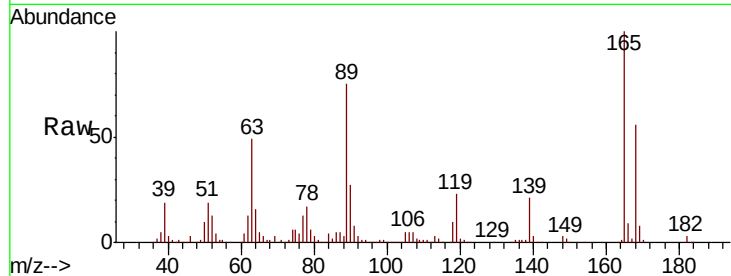
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	334747		
63	49.1	36.2	54.4	
89	75.4	58.2	87.4	
182	2.7	2.2	3.2	

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#58

Fluorene

Concen: 37.719 ng

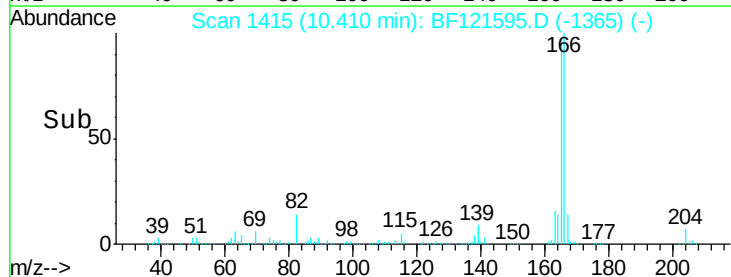
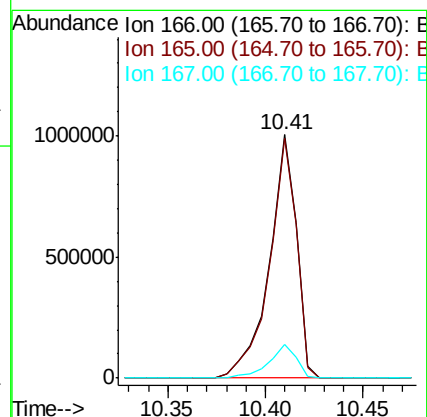
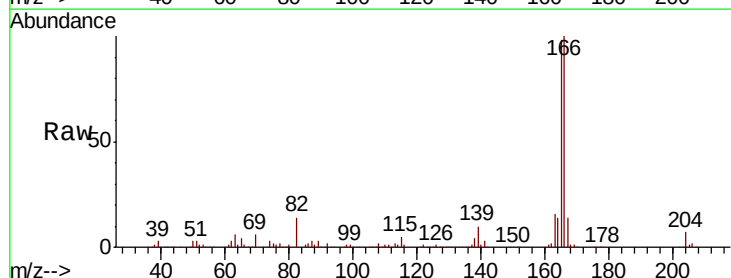
RT: 10.41 min Scan# 1415

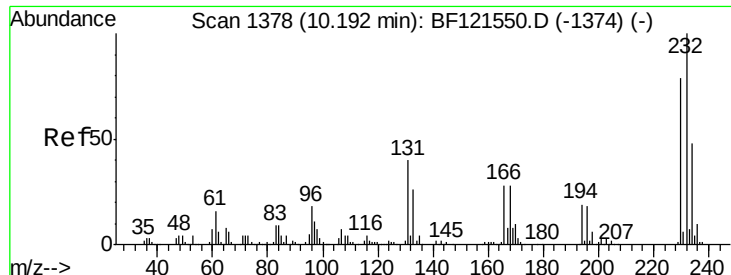
Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	971654		
165	98.3	79.0	118.4	
167	13.7	11.0	16.6	





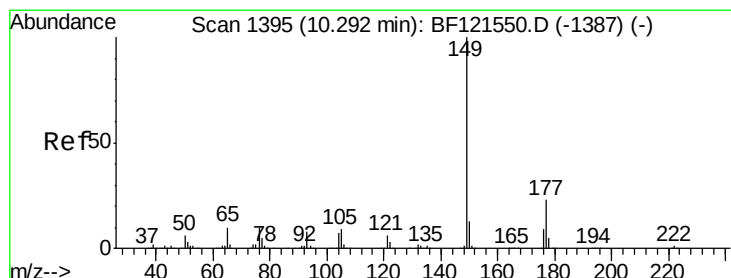
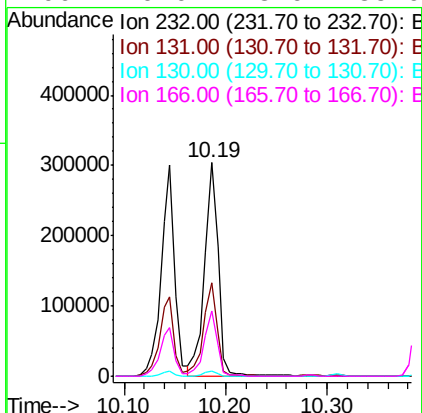
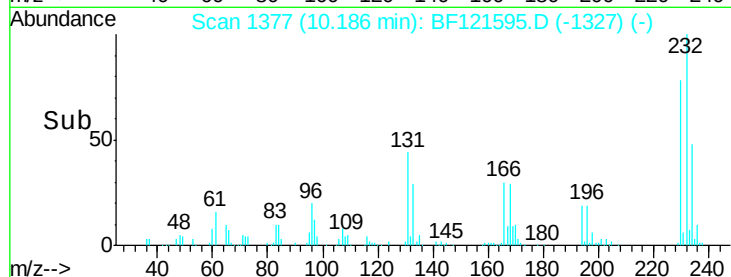
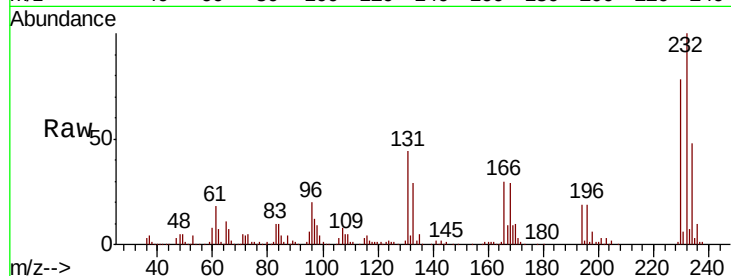
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.560 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	36.3	54.5
130	2.2	1.9	2.9
166	29.0	23.9	35.9

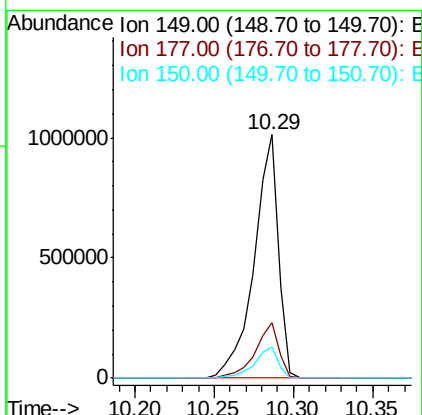
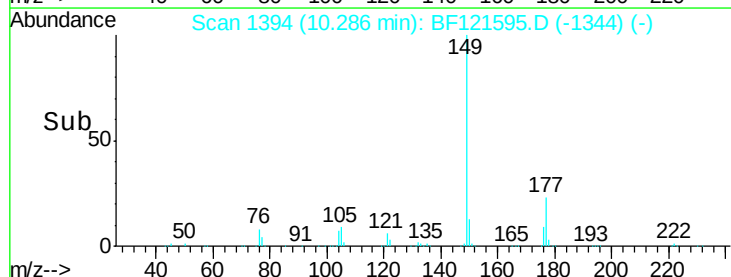
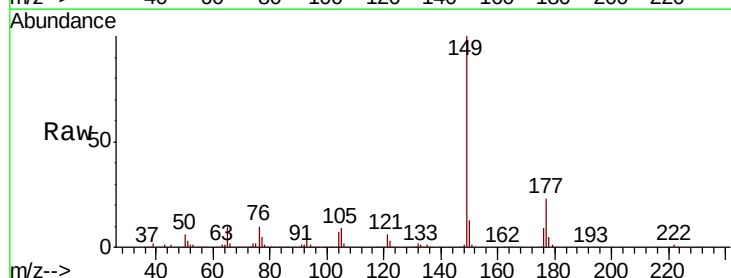
Manual Integrations
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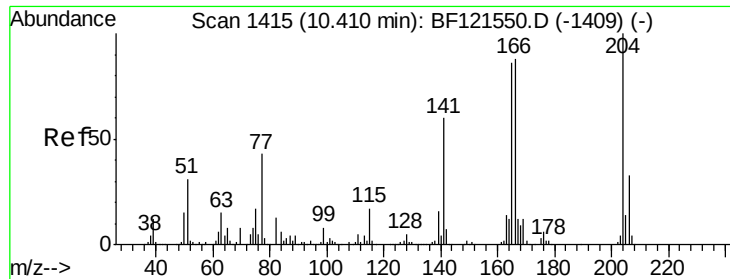
mohammad
9/18/2020 11:28:14 AM



#60
Diethylphthalate
Concen: 39.082 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.6	10.2	15.2





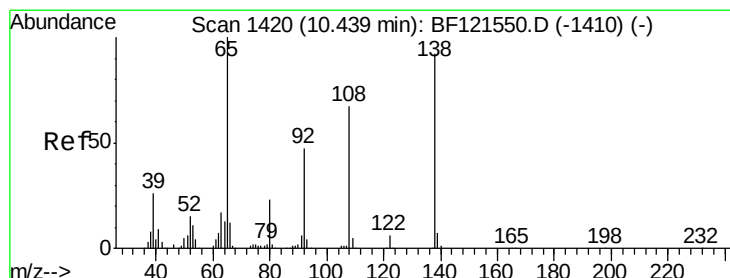
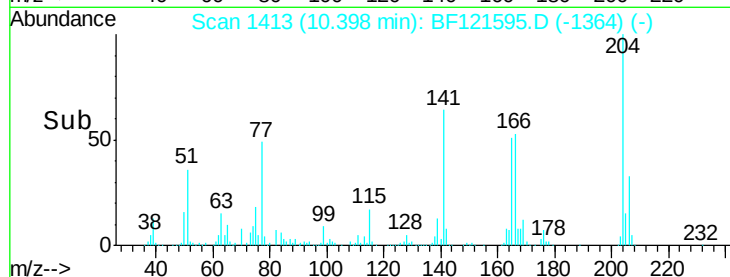
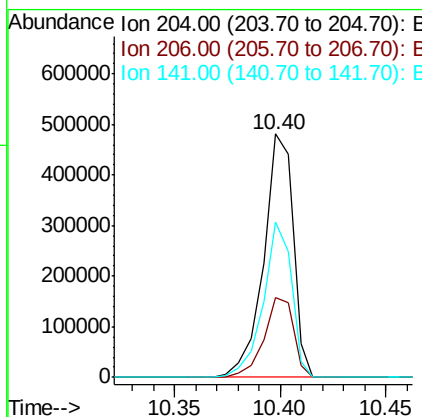
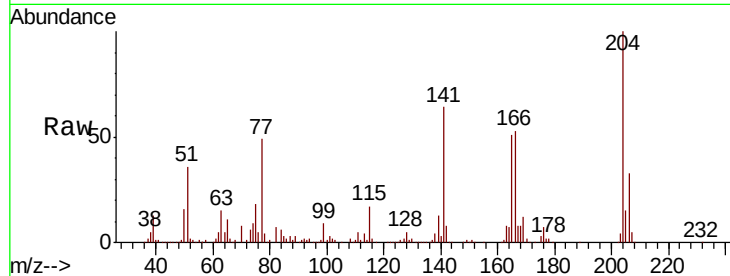
#61
 4-Chlorophenyl-phenylether
 Concen: 38.043 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion:	204	Resp:	469455
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.4	39.6
141	64.0	48.3	72.5

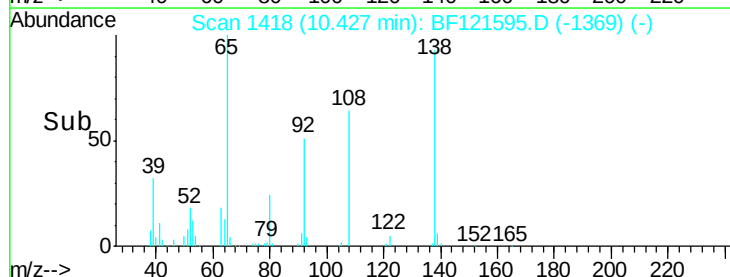
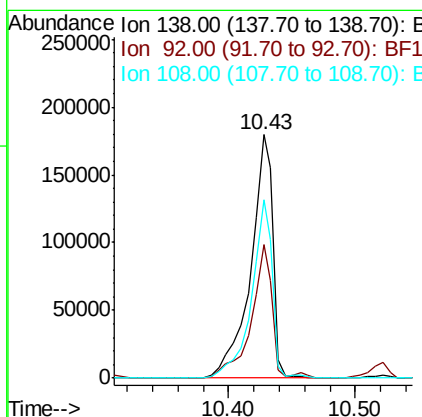
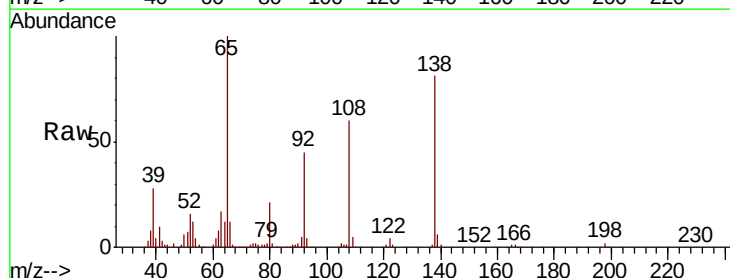
Manual Integrations
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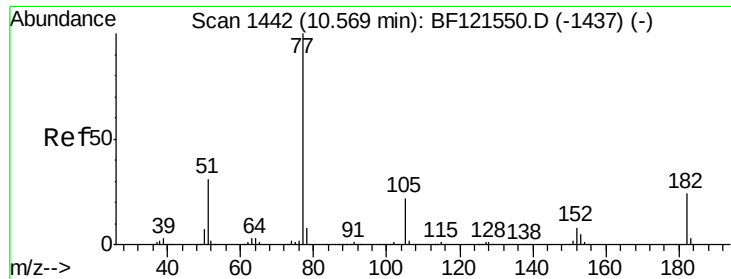
mohammad
 9/18/2020 11:28:14 AM



#62
 4-Nitroaniline
 Concen: 31.937 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion:	138	Resp:	221538
Ion Ratio	Lower	Upper	
138	100		
92	55.1	31.4	71.4
108	73.5	52.4	92.4





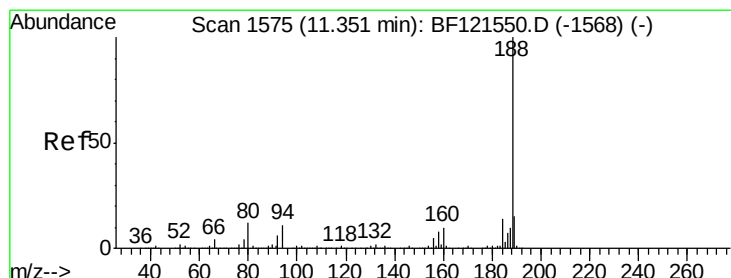
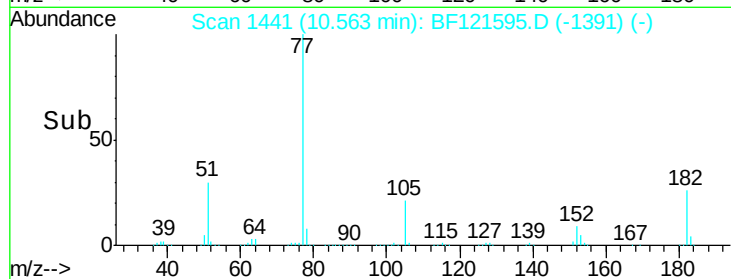
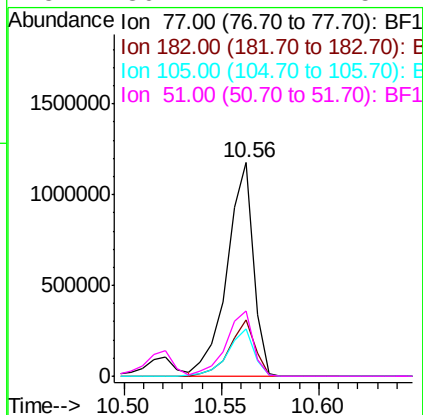
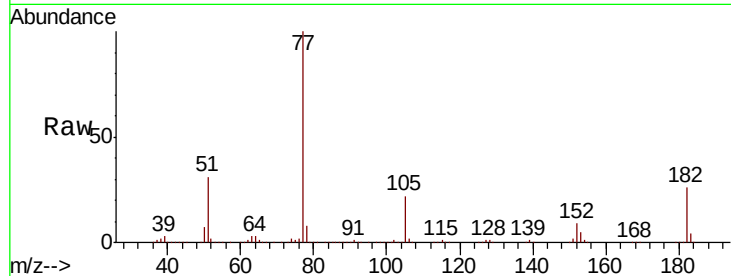
#63
Azobenzene
Concen: 37.525 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	3.9	43.9
105	22.0	2.2	42.2
51	30.7	11.1	51.1

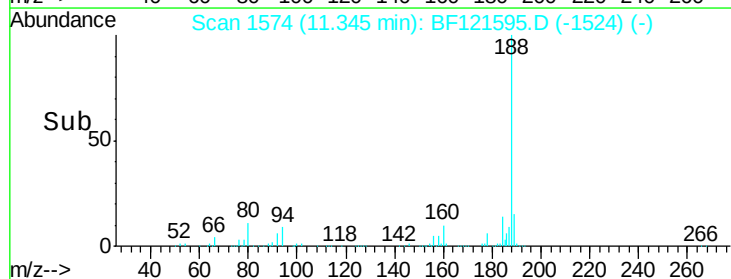
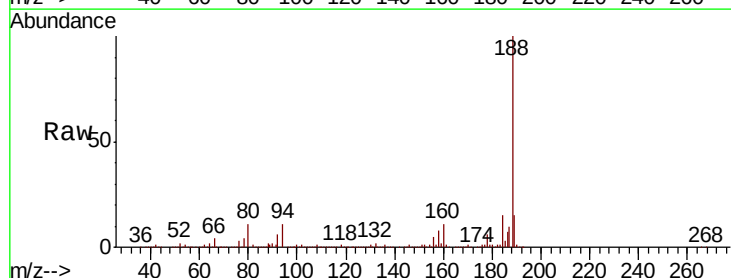
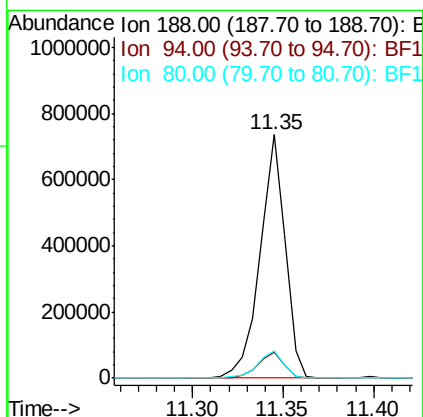
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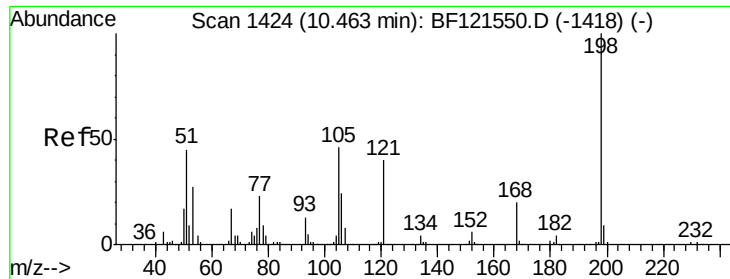
mohammad
9/18/2020 11:28:14 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.7	13.1
80	11.5	9.3	13.9





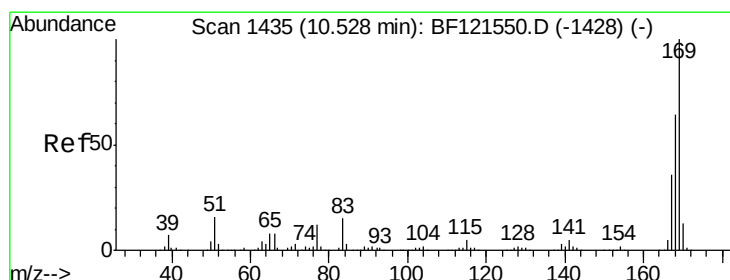
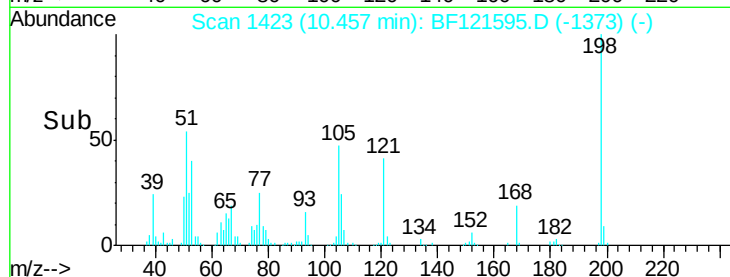
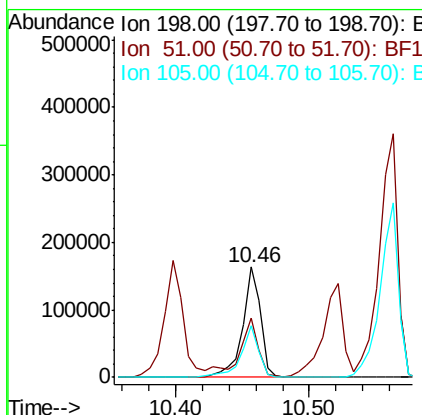
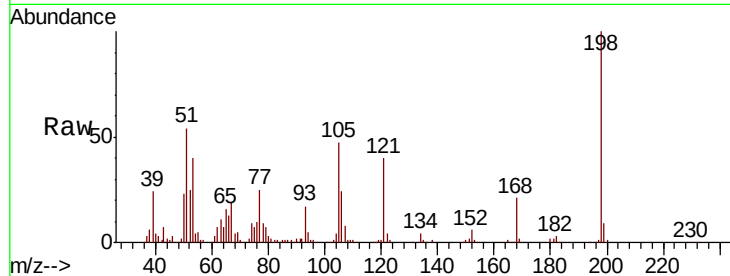
#65
4,6-Dinitro-2-methylphenol
Concen: 37.184 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	54.3	31.1	71.1
105	46.7	26.6	66.6

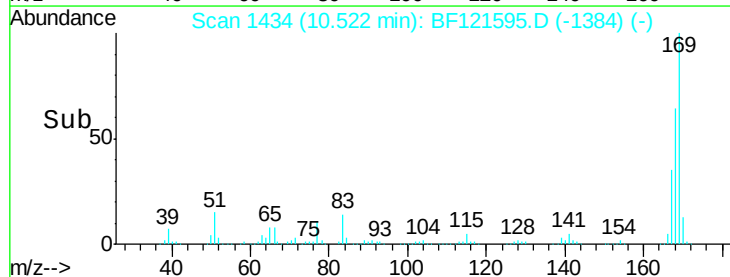
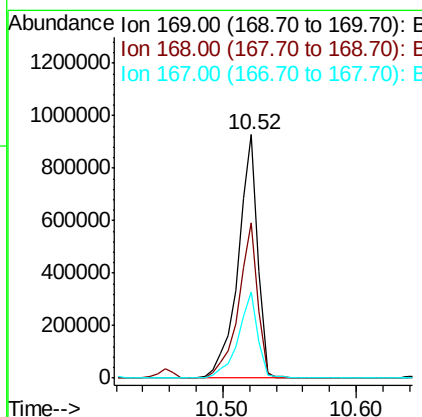
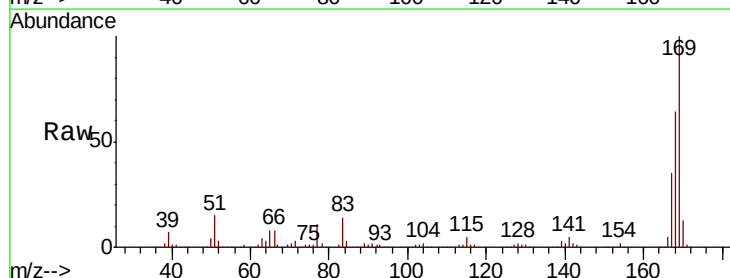
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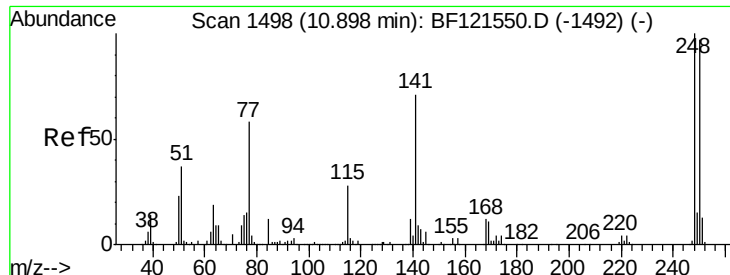
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.789 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.6	51.2	76.8
167	35.1	28.9	43.3





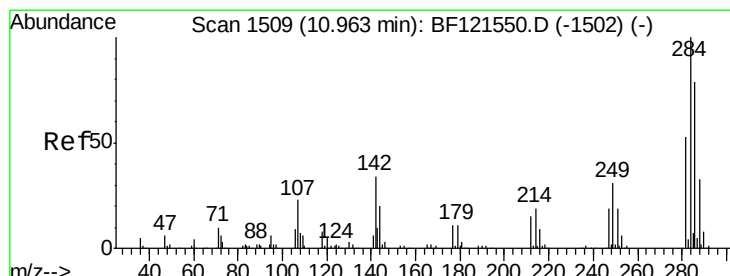
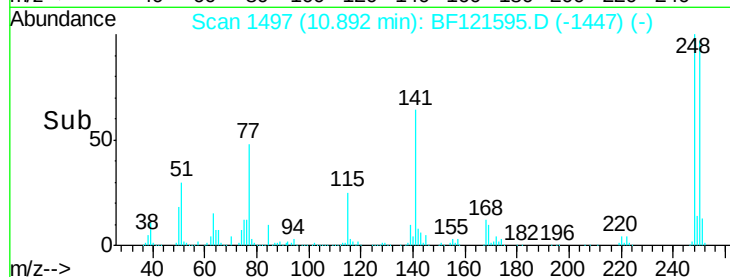
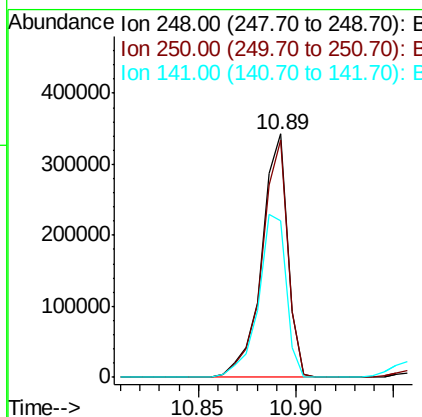
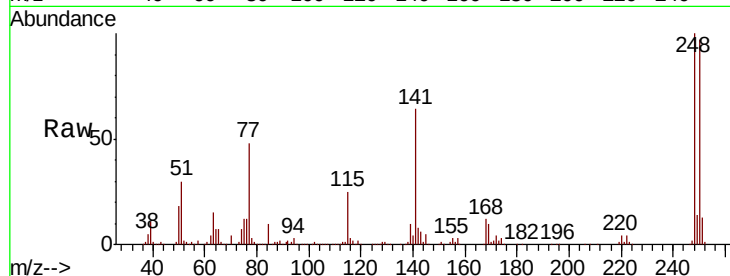
#67
 4-Bromophenyl-phenylether
 Concen: 39.225 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion:	248	Resp:	317848
Ion Ratio	Lower	Upper	
248	100		
250	97.4	77.4	116.0
141	64.3	56.7	85.1

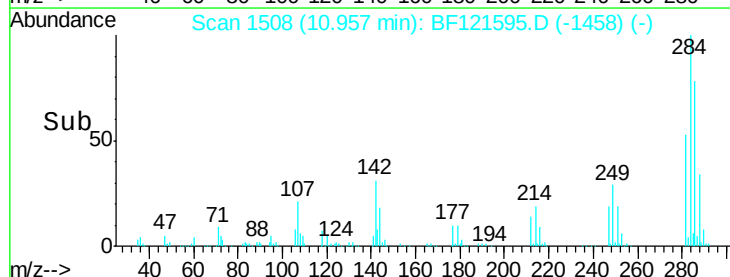
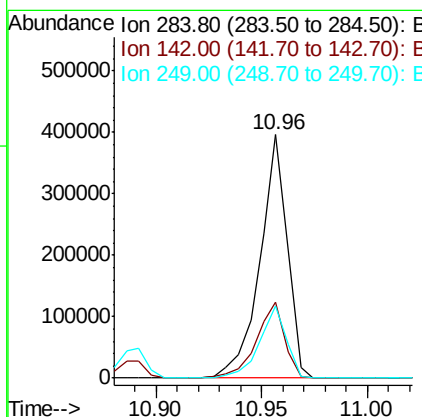
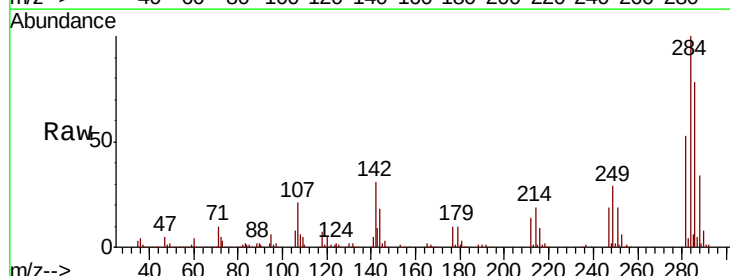
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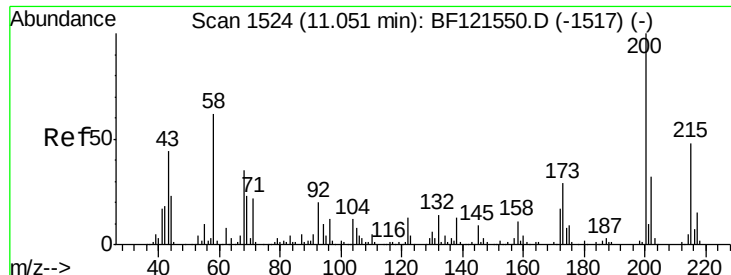
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.922 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion:	284	Resp:	355928
Ion Ratio	Lower	Upper	
284	100		
142	31.1	27.0	40.4
249	29.4	24.7	37.1





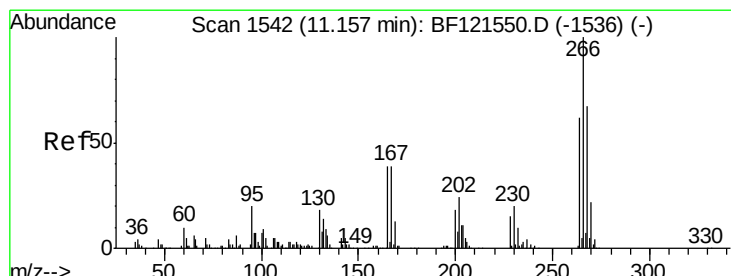
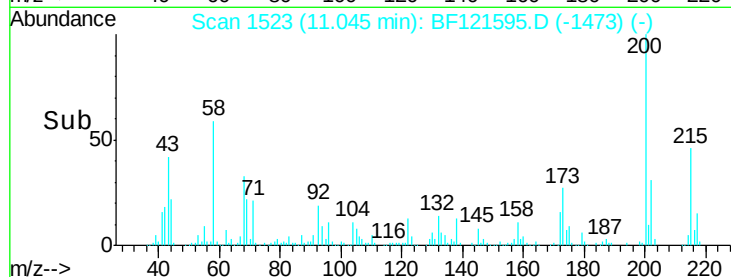
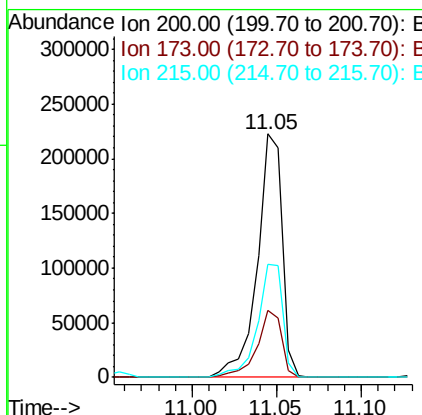
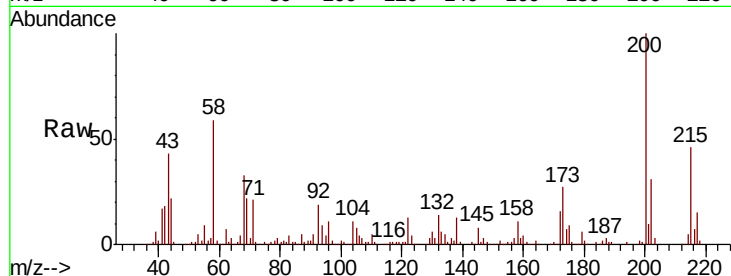
#69
Atrazine
Concen: 37.818 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.5	48.5
215	46.2	27.8	67.8

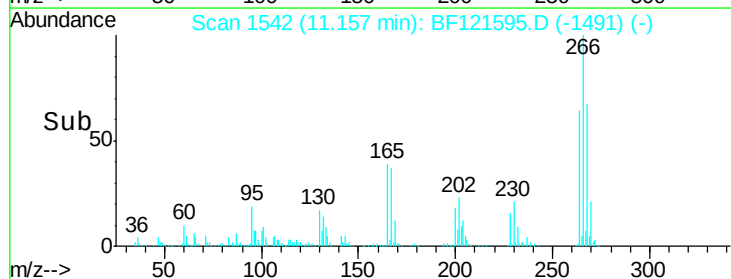
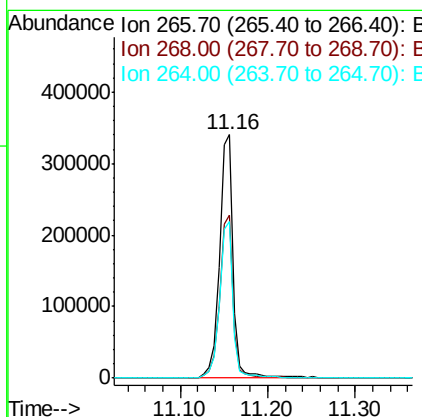
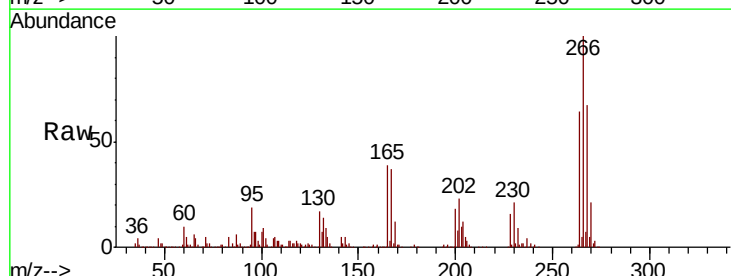
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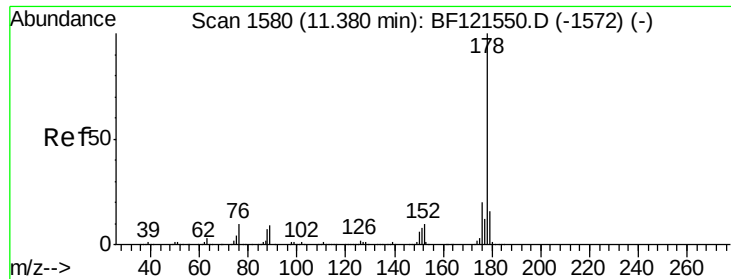
mohammad
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#70
Pentachlorophenol
Concen: 73.442 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.5	80.3
264	64.3	49.8	74.8





#71

Phenanthrene

Concen: 37.723 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:178 Resp: 1462780

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

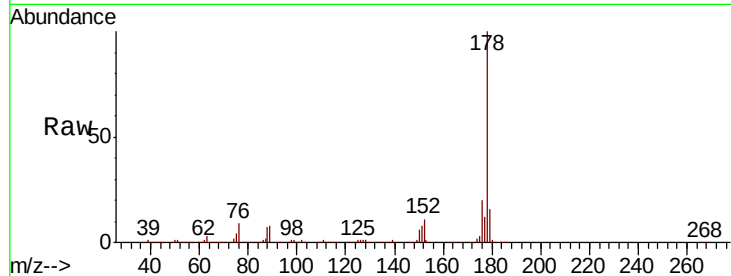
179 15.6 12.6 19.0

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mohammad

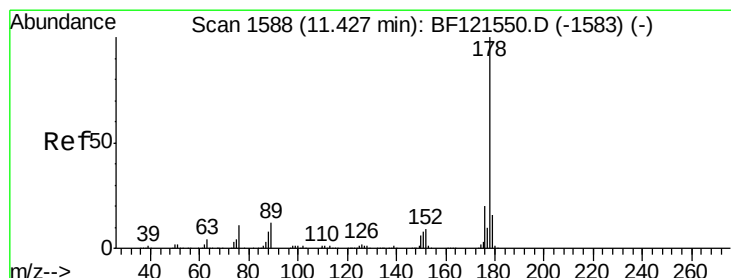
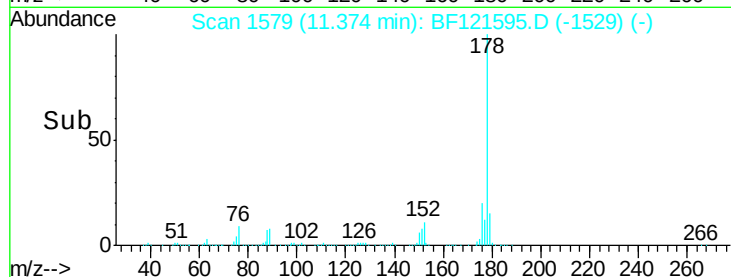
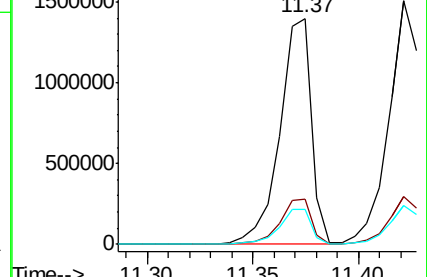
9/18/2020 11:28:14 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.871 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:178 Resp: 1515473

Ion Ratio Lower Upper

178 100

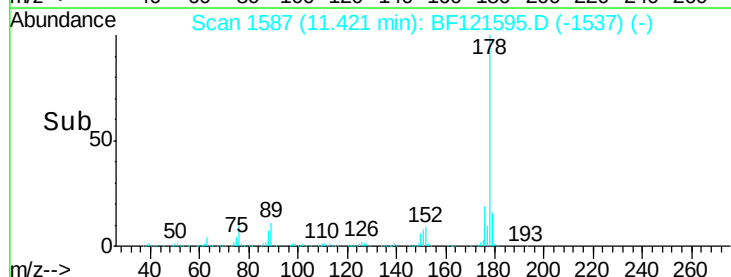
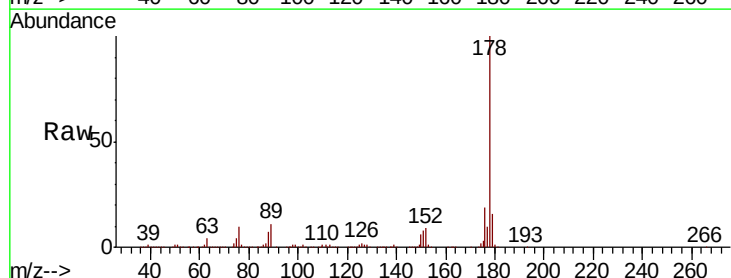
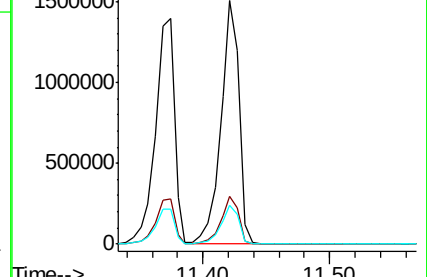
176 19.4 15.7 23.5

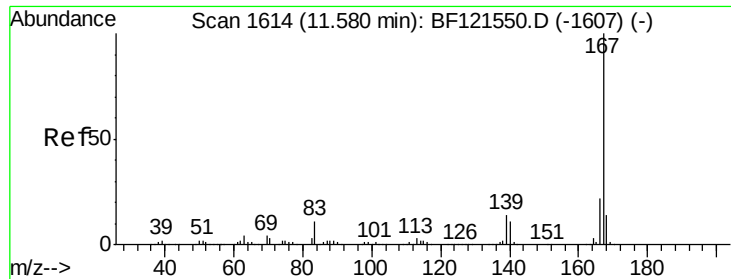
179 16.0 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





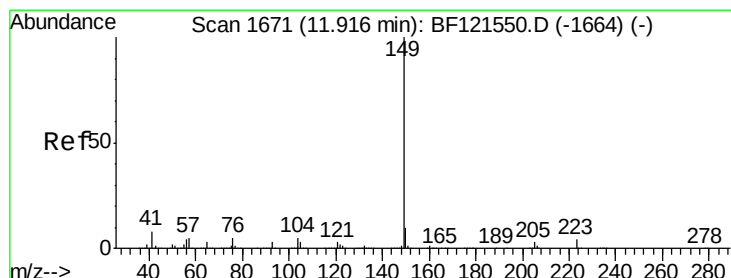
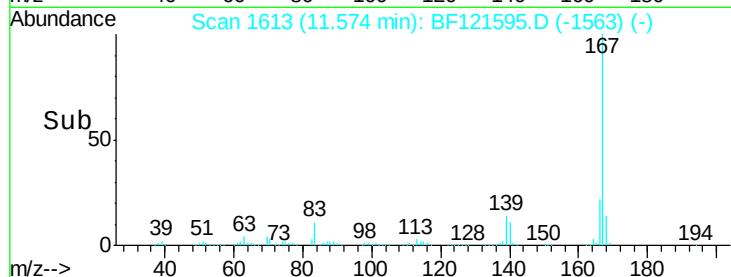
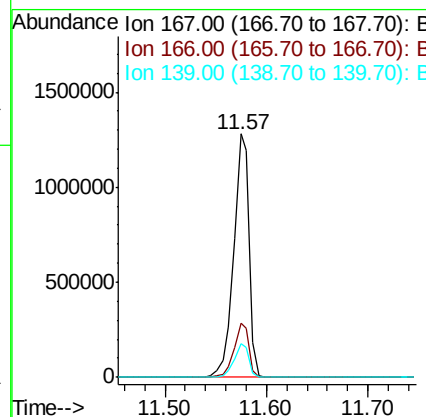
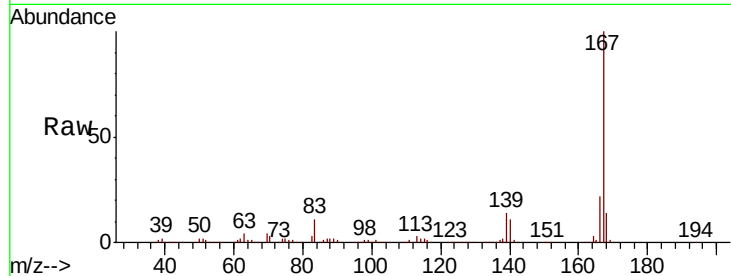
#73
 Carbazole
 Concen: 37.349 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion:167 Resp: 1348724
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.8 11.2 16.8

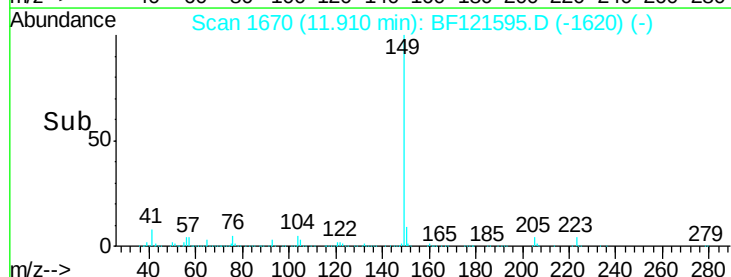
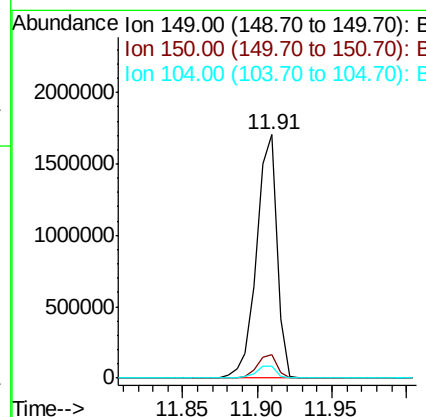
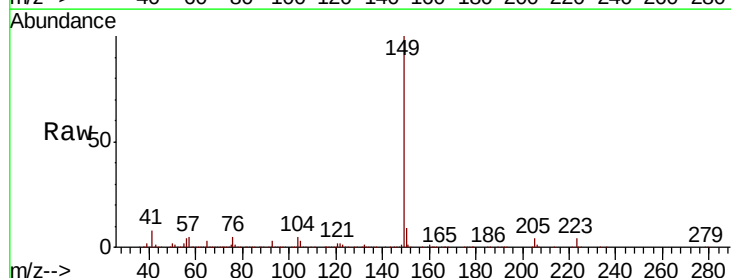
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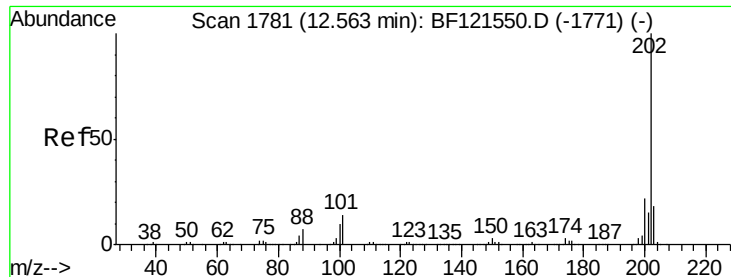
mohammad
 9/18/2020 11:28:14 AM



#74
 Di-n-butylphthalate
 Concen: 38.374 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion:149 Resp: 1599355
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 37.302 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:202 Resp: 1544097

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.0

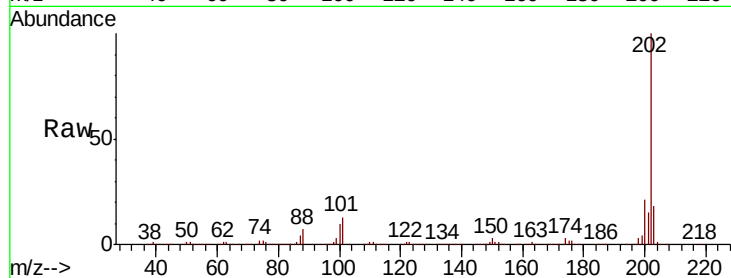
203 18.0 0.0 38.2

Manual Integrations

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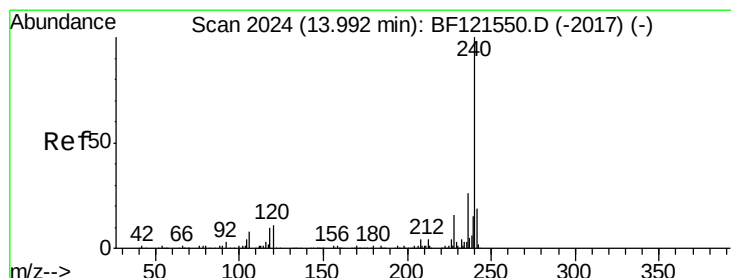
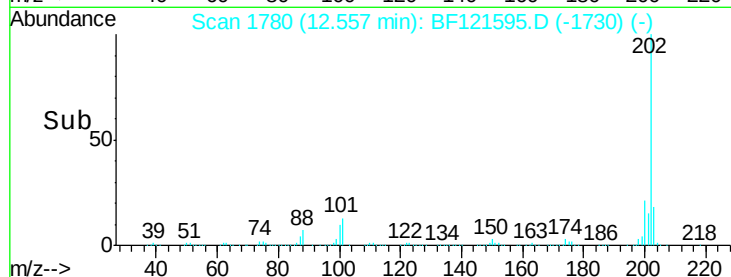
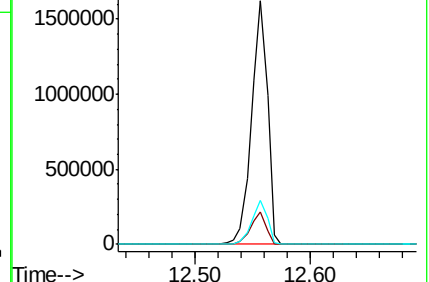
9/18/2020 11:28:14 AM



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

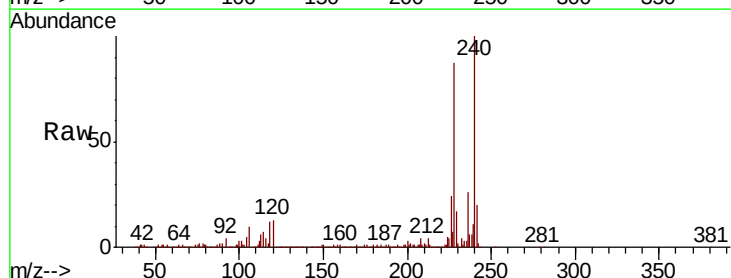
Tgt Ion:240 Resp: 487517

Ion Ratio Lower Upper

240 100

120 13.3 9.2 13.8

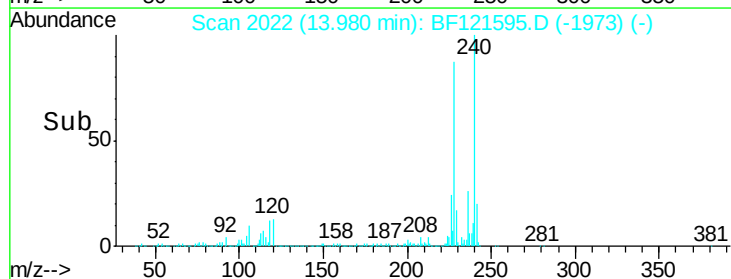
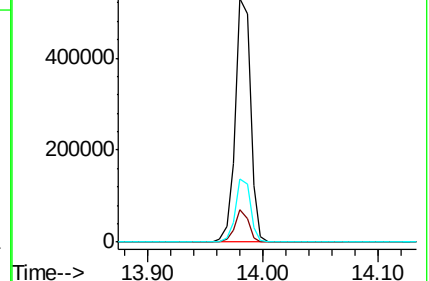
236 26.2 20.5 30.7

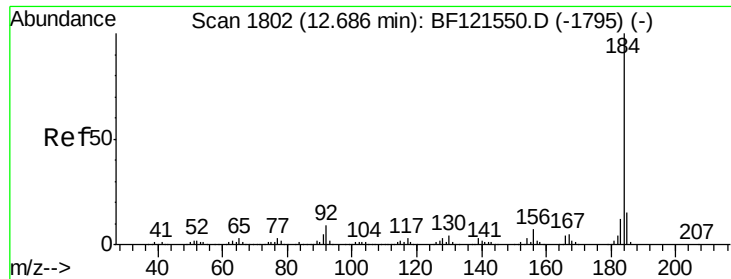


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.111 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

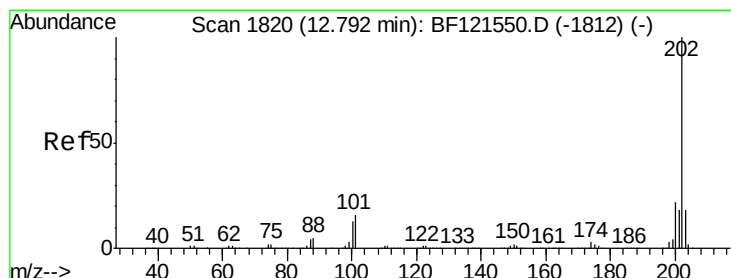
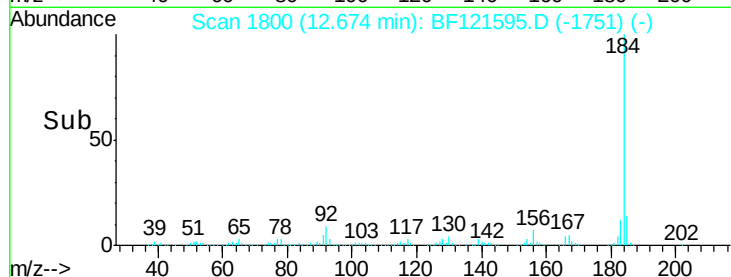
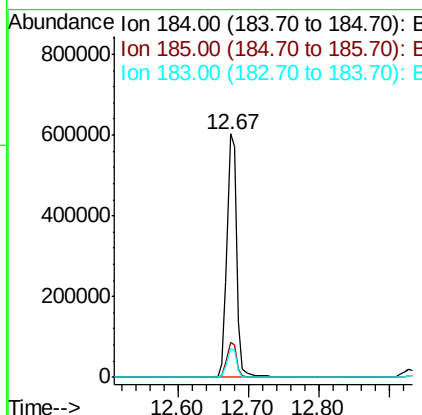
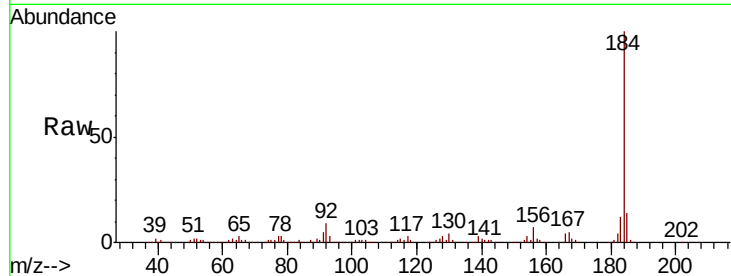
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	184	Resp:	583631
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 43.565 ng

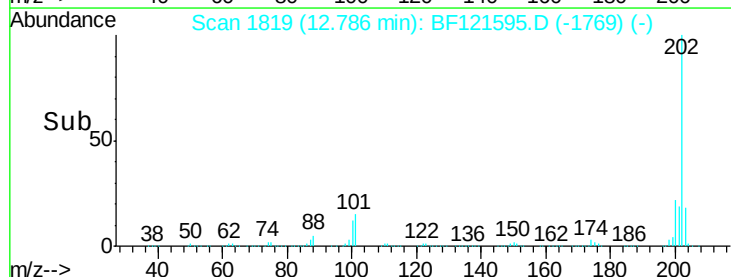
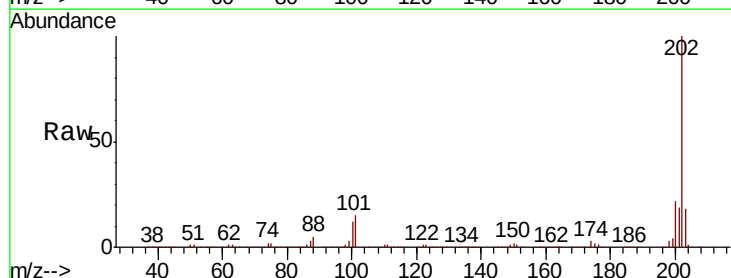
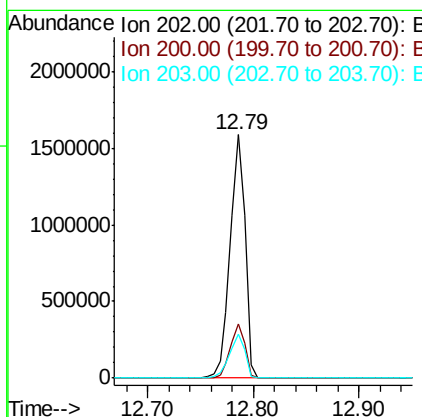
RT: 12.79 min Scan# 1819

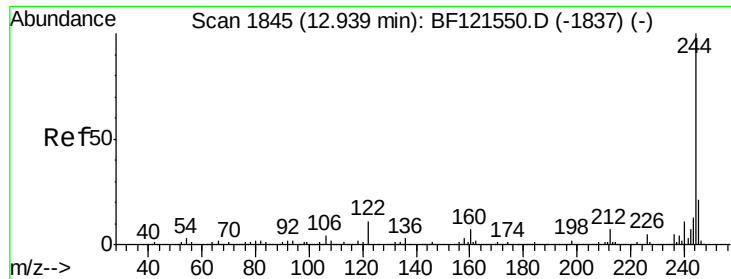
Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:	202	Resp:	1551753
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.8
203	18.1	14.6	22.0





#79

Terphenyl-d14

Concen: 64.757 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

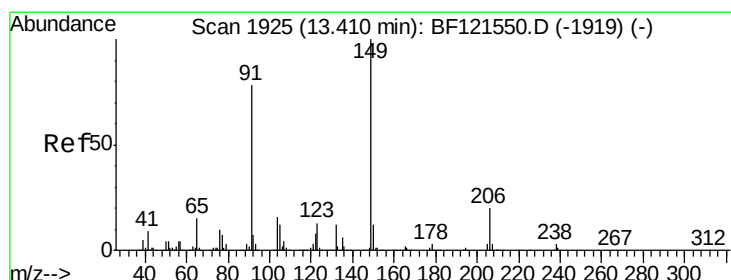
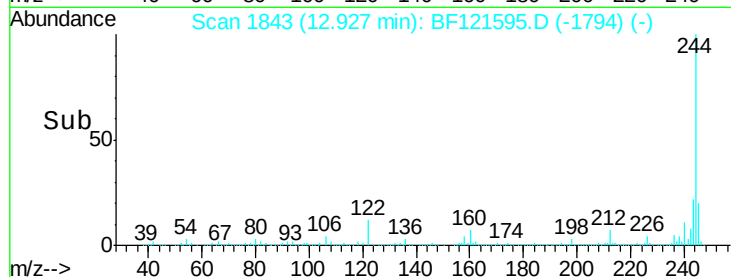
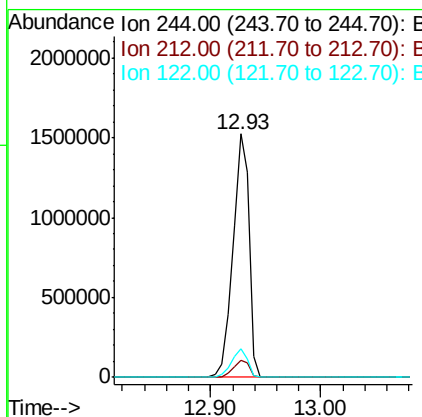
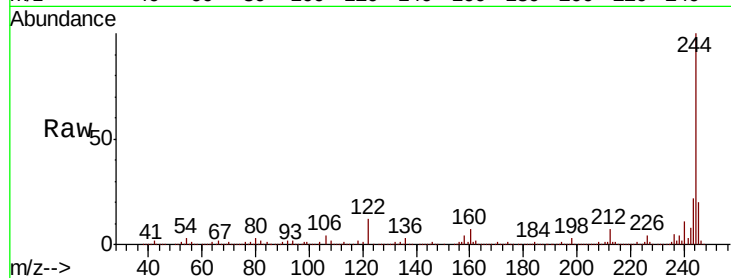
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:	244	Resp:	1558321
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.7	8.5
122	11.6	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 46.714 ng

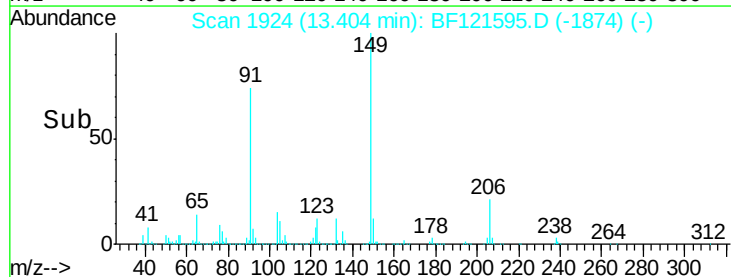
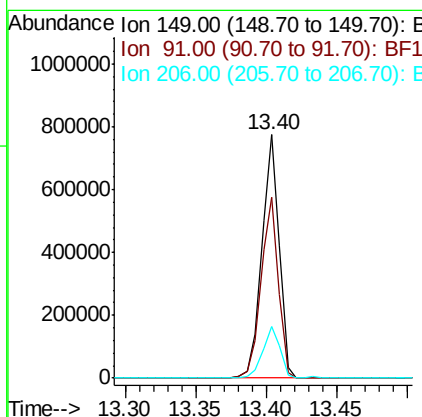
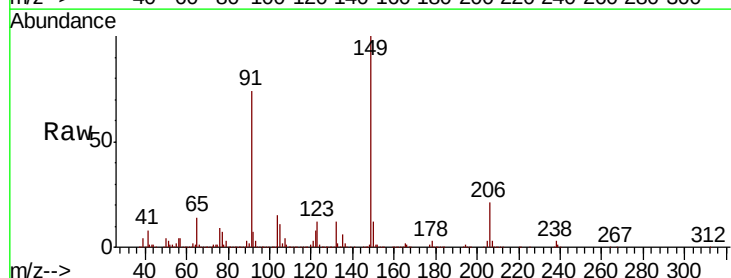
RT: 13.40 min Scan# 1924

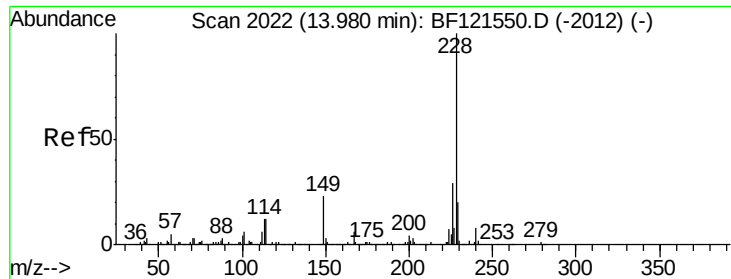
Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Tgt Ion:	149	Resp:	672947
Ion Ratio	Lower	Upper	
149	100		
91	74.5	62.6	94.0
206	21.1	15.8	23.6





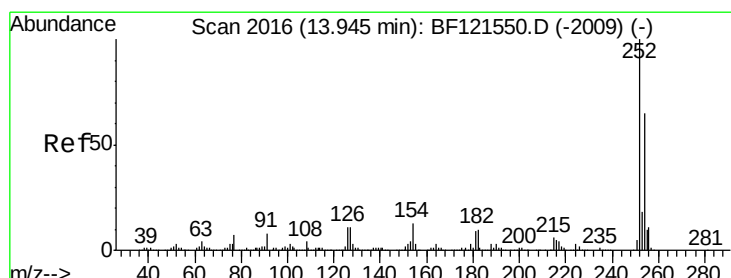
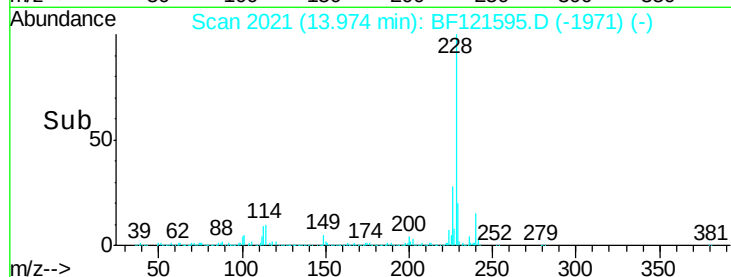
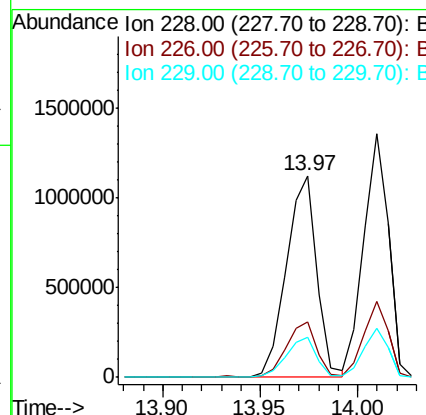
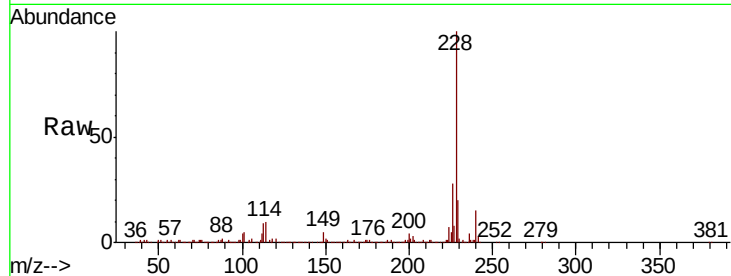
#81
Benzo(a)anthracene
Concen: 39.195 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.9	34.3
229	19.9	16.3	24.5

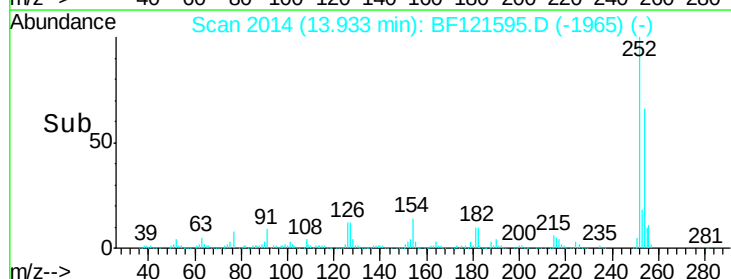
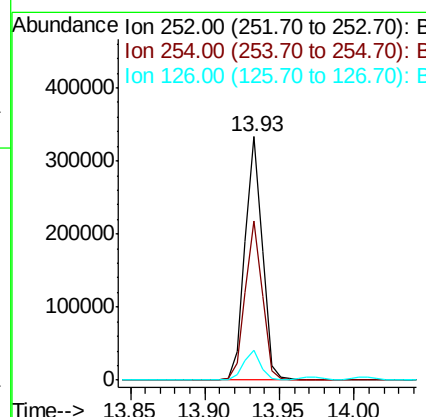
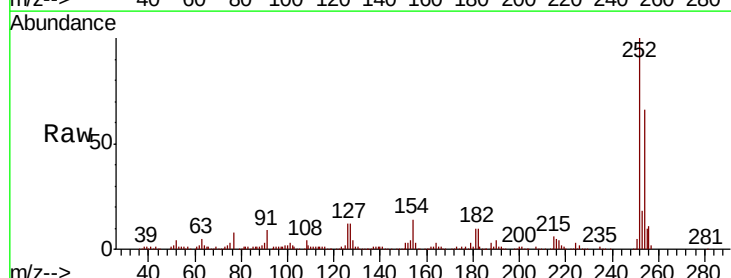
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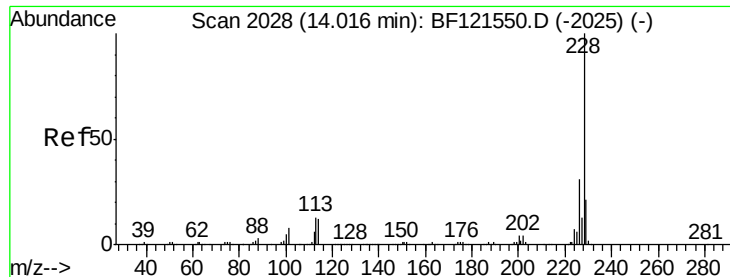
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.554 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.3	78.5
126	12.0	9.1	13.7





#83

Chrysene

Concen: 38.370 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

Tot Ion:228 Resp: 1198397

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

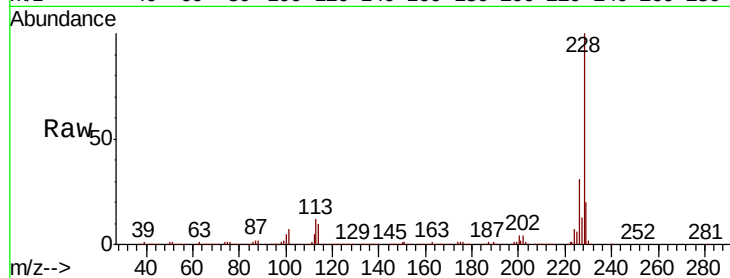
229 20.2 16.6 25.0

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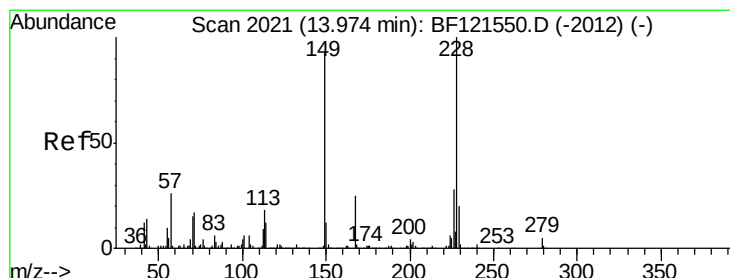
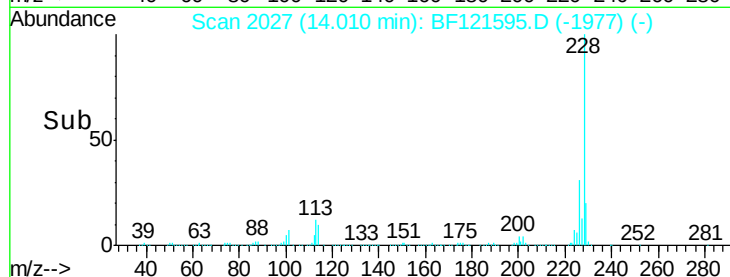
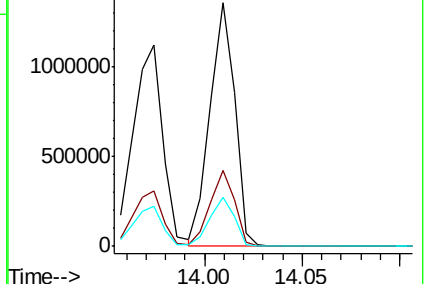
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.718 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

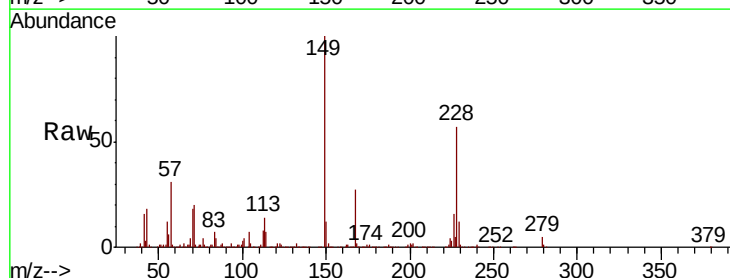
Tgt Ion:149 Resp: 841347

Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

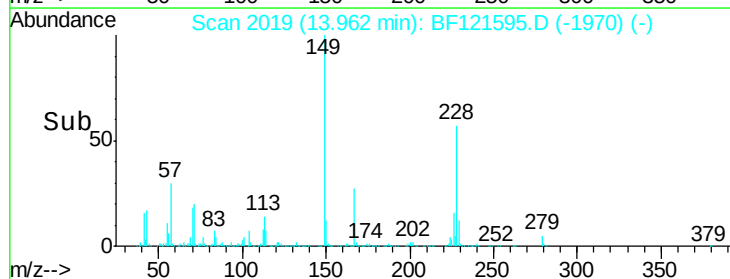
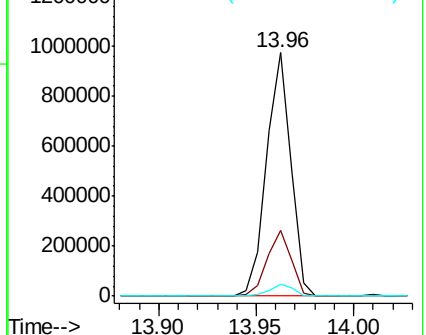
279 4.7 4.1 6.1

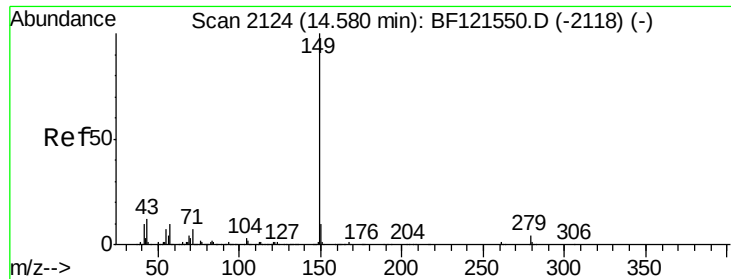


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.059 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF121595.D

Acq: 16 Sep 2020 14:04

Instrument :

BNA_F

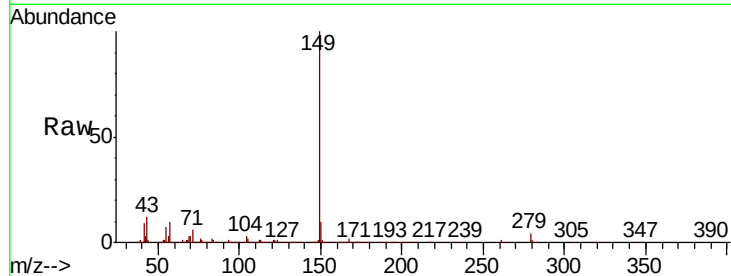
ClientSampleId :

FK-EF-01-TEST1-ABCD-BMSD

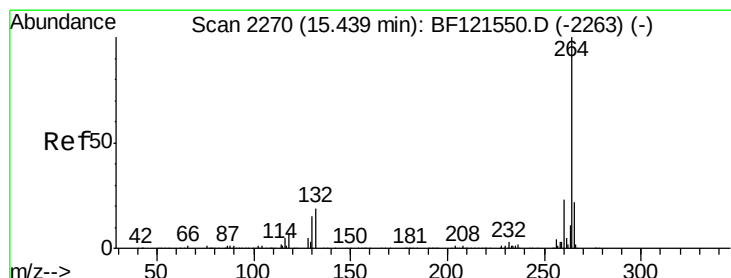
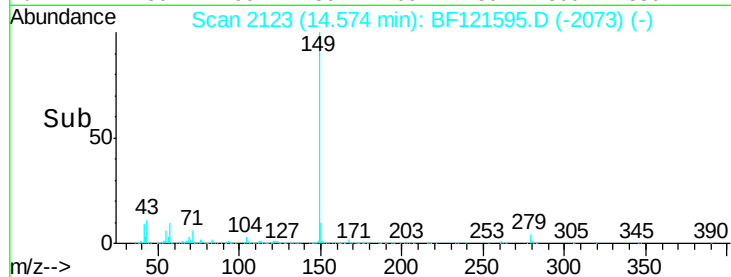
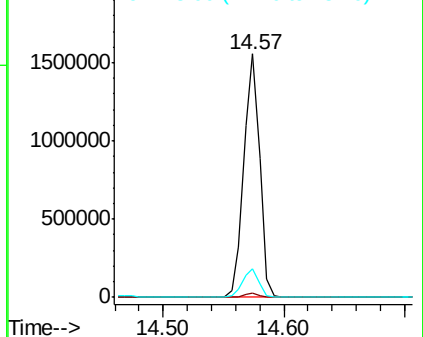
Tot Ion:	149	Resp:	1428466
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	9.4	14.0

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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

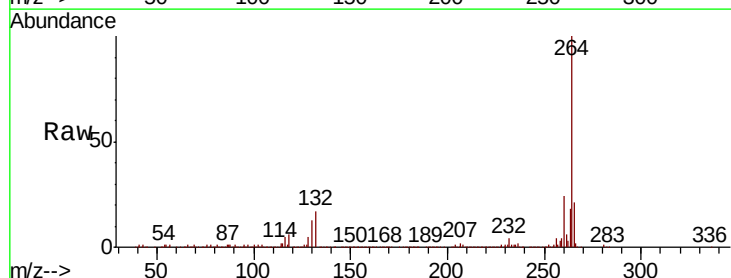
RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

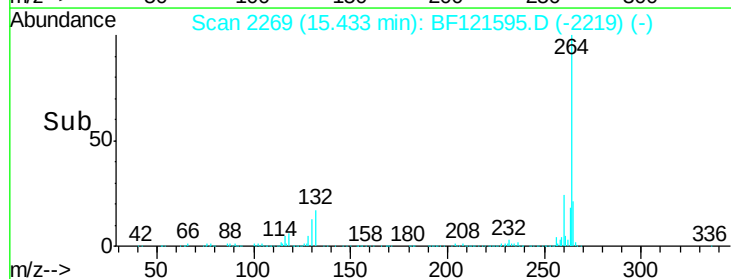
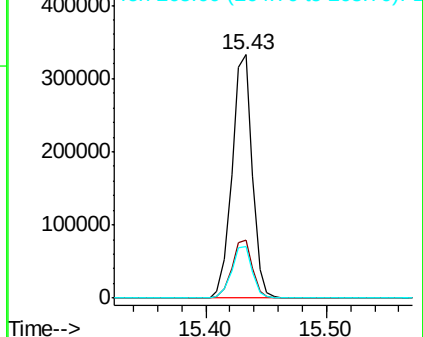
Lab File: BF121595.D

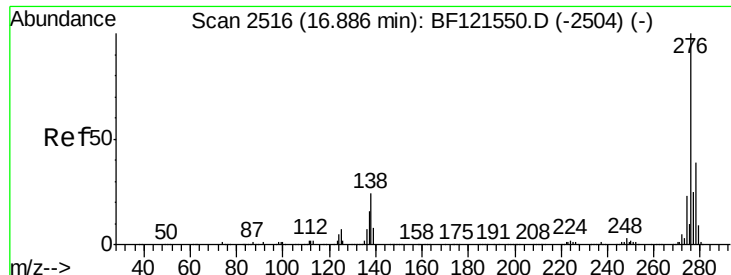
Acq: 16 Sep 2020 14:04

Tgt Ion:	264	Resp:	389318
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.0	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





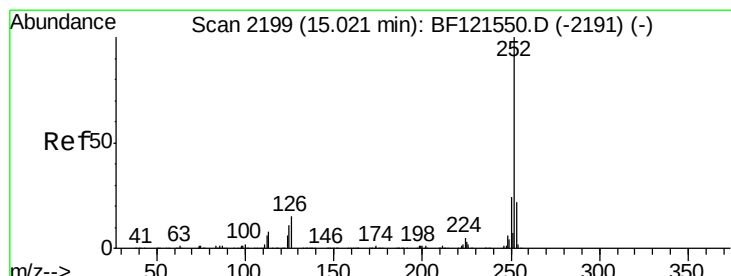
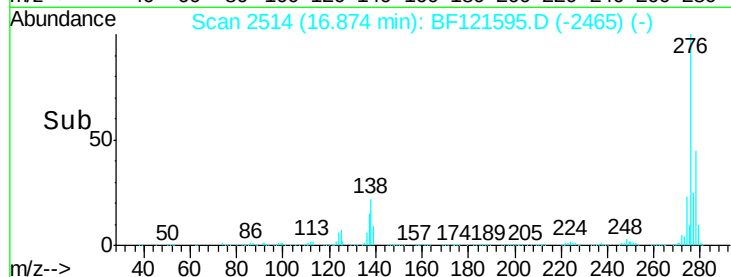
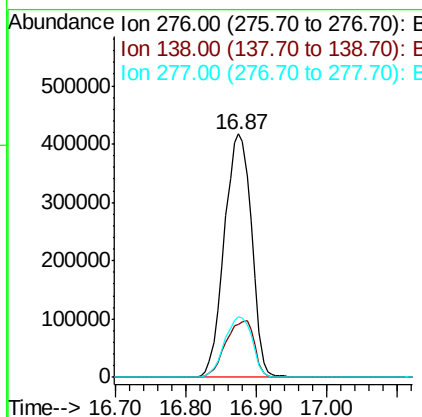
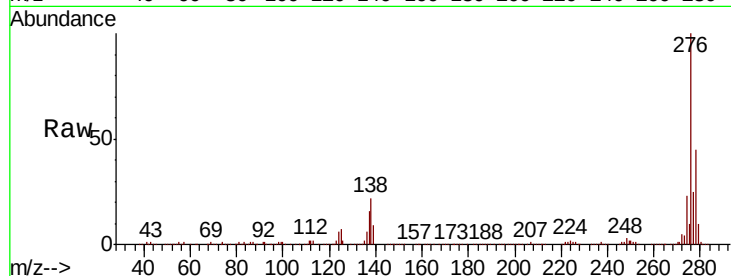
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.140 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.6	31.0
277	25.3	20.2	30.4

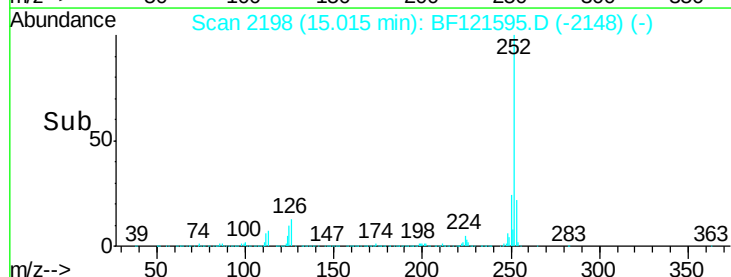
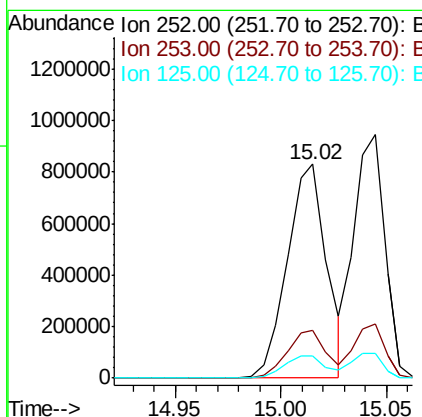
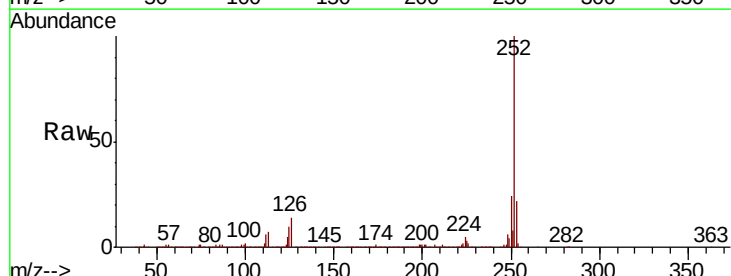
Manual Integrations
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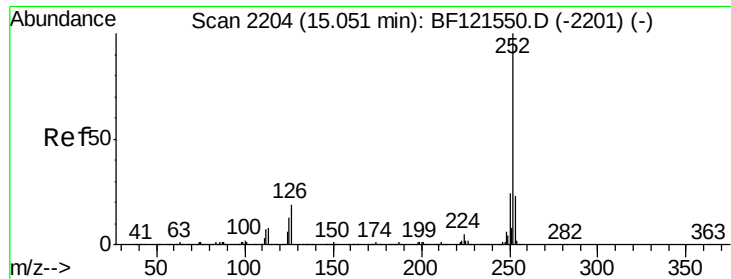
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.434 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BF121595.D
 Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.2	9.2	13.8





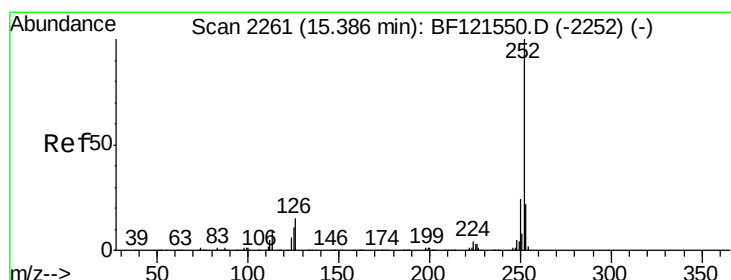
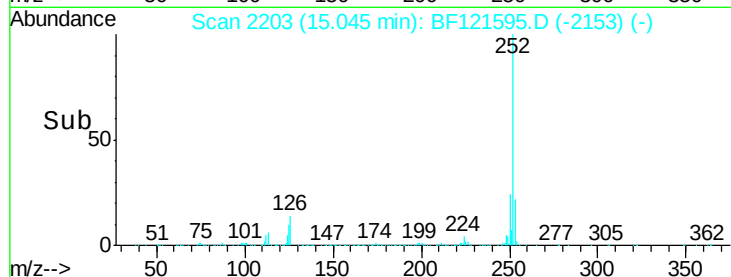
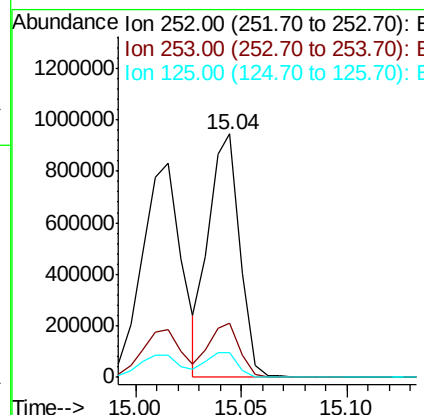
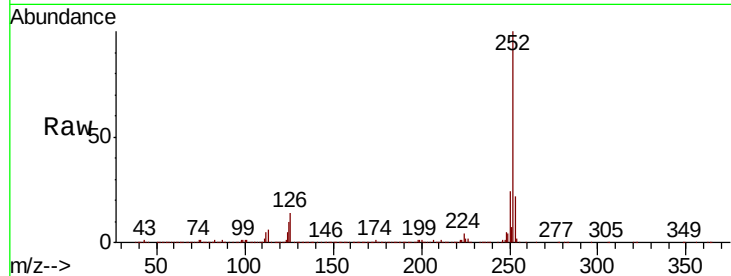
#89
Benzo(k)fluoranthene
Concen: 40.598 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.0	9.8	14.6

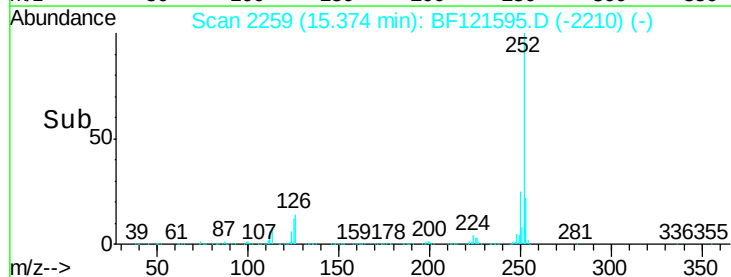
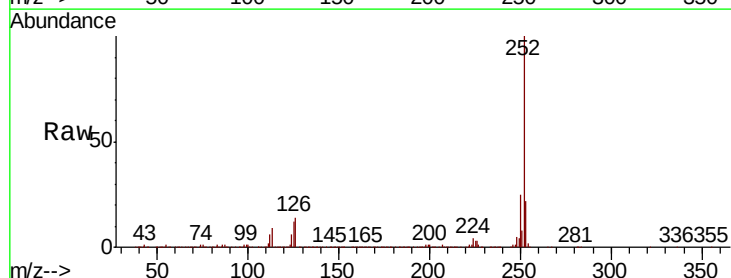
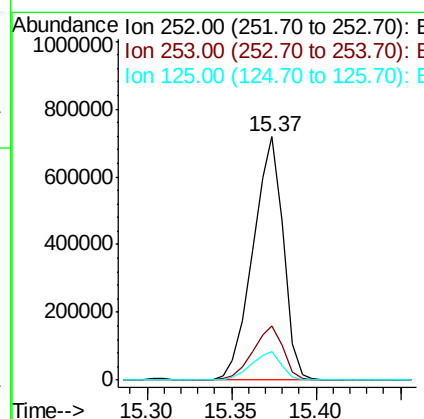
Manual Integrations
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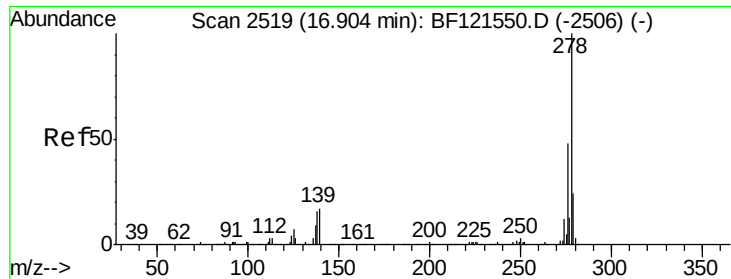
mohammad
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#90
Benzo(a)pyrene
Concen: 40.630 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.7	9.0	13.4





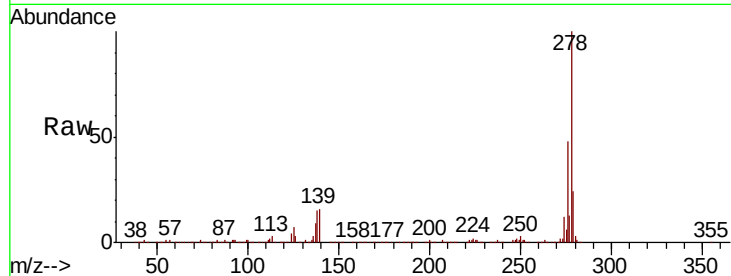
#91
Dibenzo(a,h)anthracene
Concen: 43.391 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

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

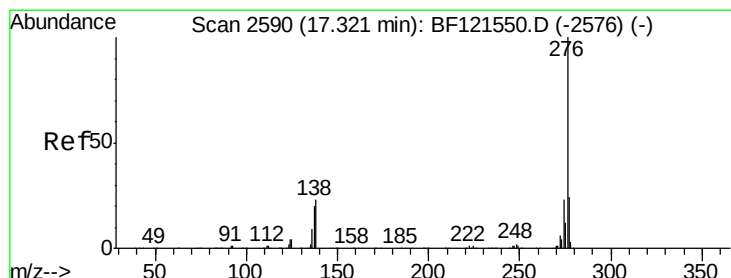
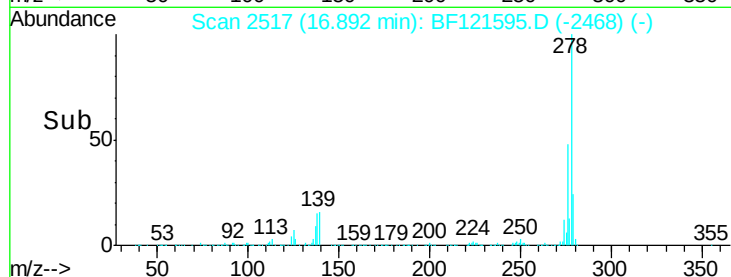
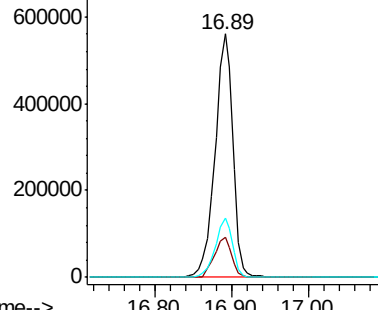
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.9	20.9
279	24.2	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:14 AM



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



#92
Benzo(g,h,i)perylene
Concen: 45.829 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF121595.D
Acq: 16 Sep 2020 14:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	21.5	18.7	28.1

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

