

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122423.D
 Acq On : 21 Nov 2020 16:12
 Operator : JU/CG
 Sample : PB133139BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133139BS

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:02:19 AM

Quant Time: Nov 23 00:59:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	262742	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	992312	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	530509	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	977482	20.00	ng	0.00
76) Chrysene-d12	14.045	240	791078	20.00	ng	0.00
86) Perylene-d12	15.521	264	687583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1446132	84.51	ng	0.01
7) Phenol-d6	6.504	99	1894335	84.63	ng	0.00
23) Nitrobenzene-d5	7.428	82	1065775	65.75	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	569178	99.96	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2007403	59.12	ng	0.00
79) Terphenyl-d14	12.986	244	2239900	59.98	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	328479	41.86	ng	88
3) Pyridine	3.493	79	716513	33.20	ng	89
4) n-Nitrosodimethylamine	3.451	42	304465	29.93	ng	85
6) Aniline	6.528	93	651454	22.18	ng	97
8) 2-Chlorophenol	6.651	128	653623	36.83	ng	93
9) Benzaldehyde	6.410	77	208727	13.93	ng	97
10) Phenol	6.516	94	794812	36.06	ng	87
11) bis(2-Chloroethyl)ether	6.598	93	611781	34.92	ng	95
12) 1,3-Dichlorobenzene	6.804	146	717961	35.64	ng	98
13) 1,4-Dichlorobenzene	6.881	146	726766	35.91	ng	98
14) 1,2-Dichlorobenzene	7.039	146	684875	36.26	ng	99
15) Benzyl Alcohol	7.010	79	565051	35.50	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	814326	31.89	ng	96
17) 2-Methylphenol	7.122	107	533971	36.05	ng	99
18) Hexachloroethane	7.381	117	254665	36.14	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	434608	32.49	ng	93
20) 3+4-Methylphenols	7.275	107	634519	34.81	ng	98
22) Acetophenone	7.275	105	839422	32.48	ng	94
24) Nitrobenzene	7.445	77	688429	37.12	ng	98
25) Isophorone	7.686	82	1201203	33.24	ng	98
26) 2-Nitrophenol	7.763	139	344347	43.51	ng	98
27) 2,4-Dimethylphenol	7.804	122	576930	33.85	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	756516	34.23	ng	99
29) 2,4-Dichlorophenol	8.010	162	562379	37.27	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	595835	35.78	ng	97
31) Naphthalene	8.175	128	1880060	35.64	ng	99
32) Benzoic acid	7.934	122	432163	46.17	ng	95
33) 4-Chloroaniline	8.222	127	440623	19.18	ng	96
34) Hexachlorobutadiene	8.292	225	349660	36.53	ng	98
35) Caprolactam	8.592	113	167556m	35.03	ng	
36) 4-Chloro-3-methylphenol	8.710	107	584377	37.13	ng	93
37) 2-Methylnaphthalene	8.869	142	1247624	35.80	ng	98
38) 1-Methylnaphthalene	8.969	142	1154397	35.38	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	576058	35.24	ng	99
41) Hexachlorocyclopentadiene	9.022	237	636991	66.64	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	415612	39.15	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122423.D
 Acq On : 21 Nov 2020 16:12
 Operator : JU/CG
 Sample : PB133139BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133139BS

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:02:19 AM

Quant Time: Nov 23 00:59:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	421292	37.85	ng	99
46) 1,1'-Biphenyl	9.333	154	1478365	35.01	ng	99
47) 2-Chloronaphthalene	9.357	162	1177557	35.13	ng	98
48) 2-Nitroaniline	9.451	65	354111	36.82	ng	90
49) Acenaphthylene	9.775	152	1798419	34.91	ng	99
50) Dimethylphthalate	9.633	163	1343366	35.62	ng	99
51) 2,6-Dinitrotoluene	9.692	165	315896	38.47	ng	# 85
52) Acenaphthene	9.945	154	1243464	39.00	ng	100
53) 3-Nitroaniline	9.863	138	218172	24.69	ng	89
54) 2,4-Dinitrophenol	9.969	184	281362	80.03	ng	97
55) Dibenzofuran	10.116	168	1642583	35.16	ng	100
56) 4-Nitrophenol	10.028	139	539869	66.61	ng	94
57) 2,4-Dinitrotoluene	10.098	165	421531	40.66	ng	# 85
58) Fluorene	10.463	166	1252941	35.03	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	368276	39.79	ng	97
60) Diethylphthalate	10.333	149	1276604	34.51	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	600661	35.57	ng	96
62) 4-Nitroaniline	10.480	138	315800	34.77	ng	98
63) Azobenzene	10.616	77	1251914	32.26	ng	92
65) 4,6-Dinitro-2-methylph...	10.504	198	198459	47.68	ng	94
66) n-Nitrosodiphenylamine	10.575	169	1141986	34.29	ng	95
67) 4-Bromophenyl-phenylether	10.945	248	406798	35.42	ng	94
68) Hexachlorobenzene	11.010	284	450467	36.30	ng	96
69) Atrazine	11.098	200	309659	37.33	ng	98
70) Pentachlorophenol	11.204	266	537831	75.22	ng	98
71) Phenanthrene	11.427	178	1891791	34.11	ng	99
72) Anthracene	11.474	178	1917559	33.55	ng	99
73) Carbazole	11.633	167	1747880	33.61	ng	99
74) Di-n-butylphthalate	11.963	149	1878630	33.89	ng	100
75) Fluoranthene	12.616	202	1989991	34.37	ng	98
77) Benzidine	12.733	184	545982	24.88	ng	99
78) Pyrene	12.845	202	2003530	36.05	ng	99
80) Butylbenzylphthalate	13.463	149	796956	36.60	ng	98
81) Benzo(a)anthracene	14.033	228	1697515	34.50	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	516113	28.15	ng	99
83) Chrysene	14.074	228	1751012	35.34	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	982221	36.65	ng	98
85) Di-n-octyl phthalate	14.645	149	1725532	37.99	ng	96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1591320	38.57	ng	99
88) Benzo(b)fluoranthene	15.092	252	1810336	40.65	ng	99
89) Benzo(k)fluoranthene	15.127	252	1533263	35.31	ng	99
90) Benzo(a)pyrene	15.462	252	1480369	38.13	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1306271	37.80	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1299681	38.67	ng	98

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



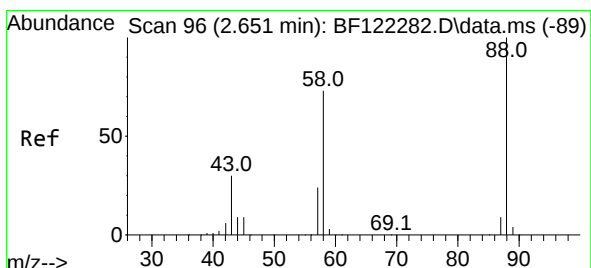
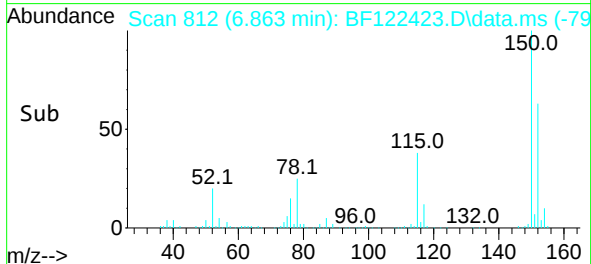
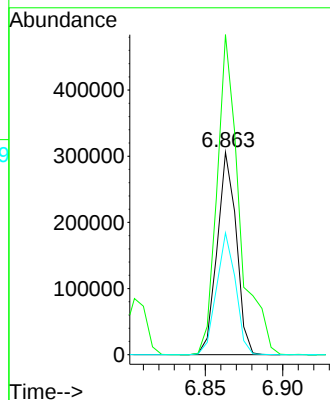
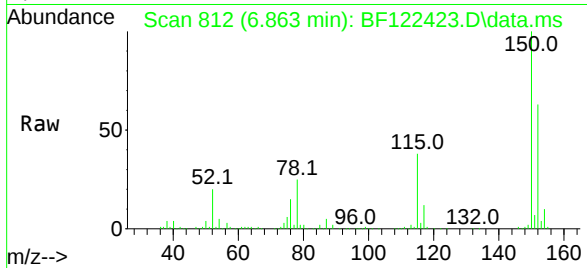
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF122423.D
 Acq: 21 Nov 2020 16:12

Tgt Ion:152 Resp: 262742
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 60.2 51.9 77.9

Instrument :
 BNA_F
 ClientSampleID :
 PB133139BS

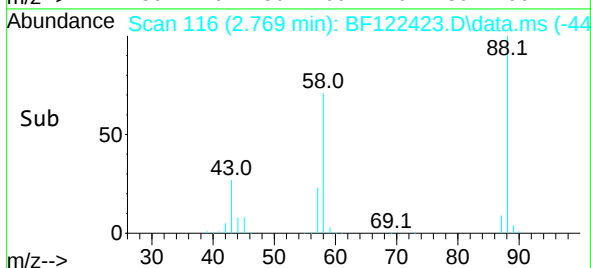
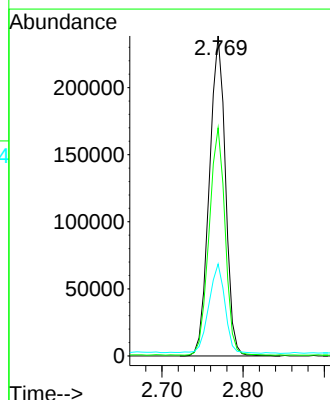
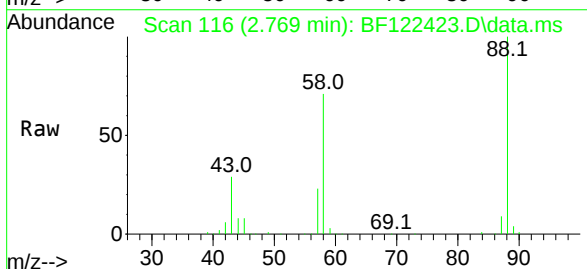
Manual Integrations
 APPROVED

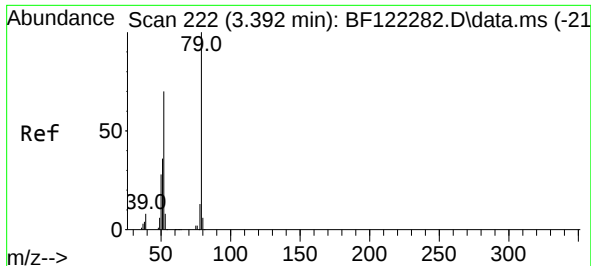
mohammad
 11/24/2020 9:02:19 AM



#2
 1,4-Dioxane
 Concen: 41.86 ng
 RT: 2.769 min Scan# 116
 Delta R.T. 0.123 min
 Lab File: BF122423.D
 Acq: 21 Nov 2020 16:12

Tgt Ion: 88 Resp: 328479
 Ion Ratio Lower Upper
 88 100
 58 70.5 65.8 98.8
 43 28.1 25.8 38.8





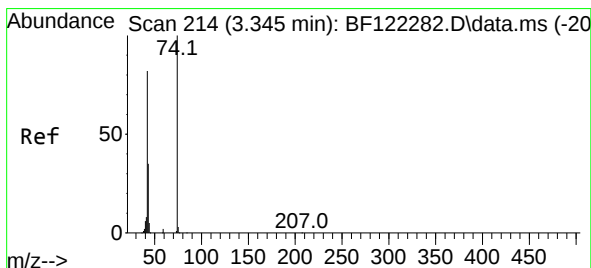
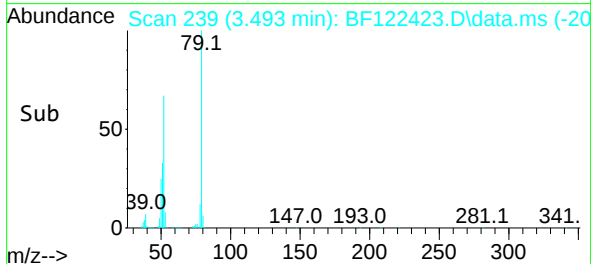
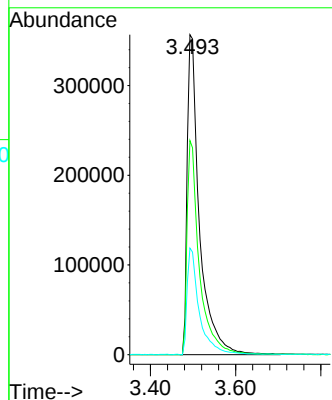
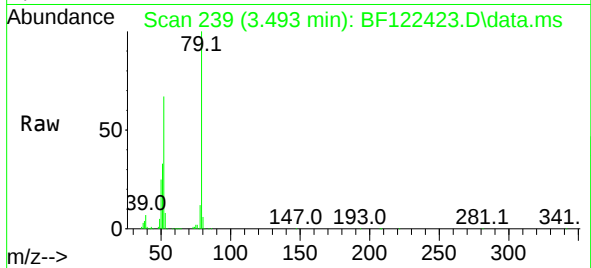
#3
Pyridine
Concen: 33.20 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.100 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion: 79 Resp: 716513
Ion Ratio Lower Upper
79 100
52 66.9 62.2 93.4
51 33.3 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
PB133139BS

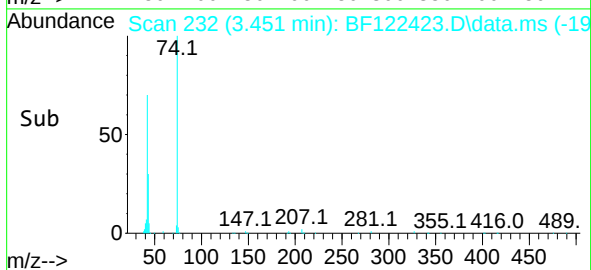
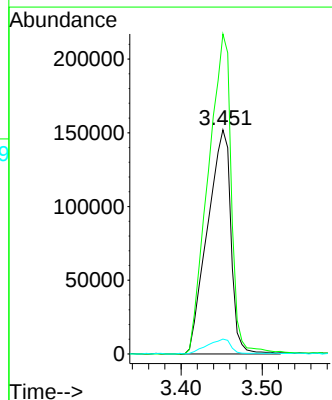
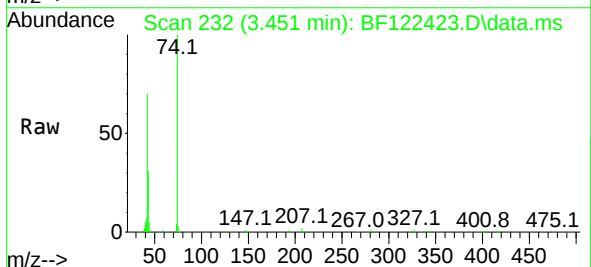
Manual Integrations
APPROVED

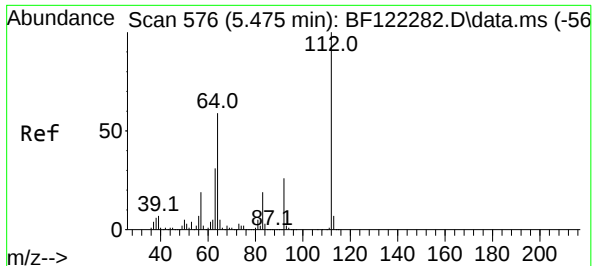
mohammad
11/24/2020 9:02:19 AM



#4
n-Nitrosodimethylamine
Concen: 29.93 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.106 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion: 42 Resp: 304465
Ion Ratio Lower Upper
42 100
74 142.7 100.2 150.2
44 6.7 5.8 8.6





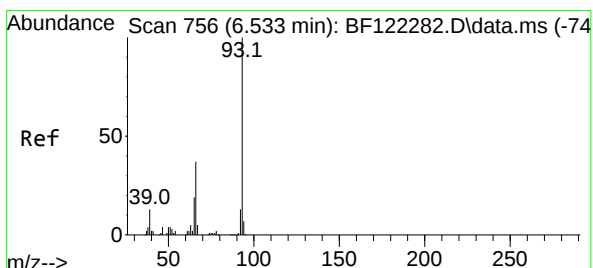
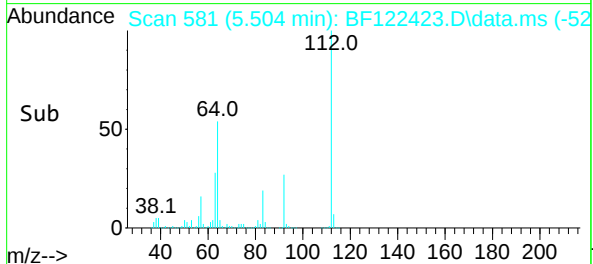
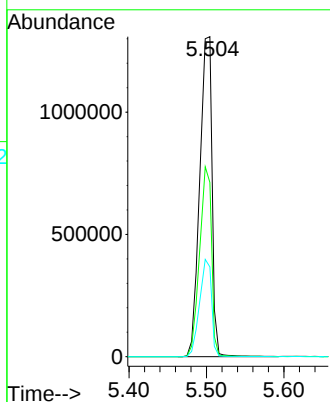
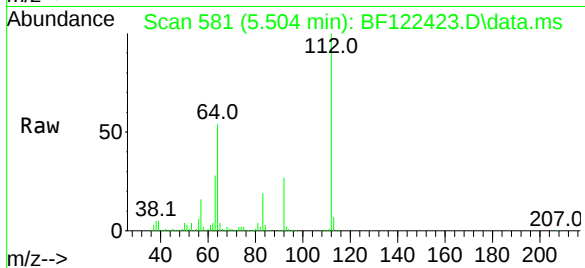
#5
2-Fluorophenol
Concen: 84.51 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion: 112 Resp: 1446132
Ion Ratio Lower Upper
112 100
64 54.4 50.4 75.6
63 28.0 25.8 38.6

Instrument :
BNA_F
ClientSampleId :
PB133139BS

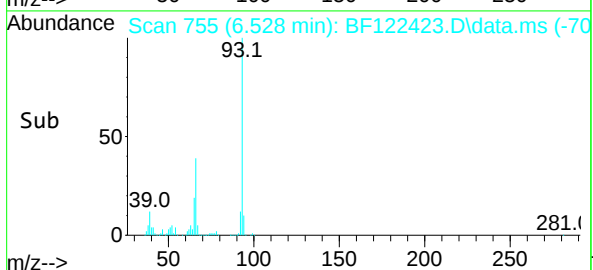
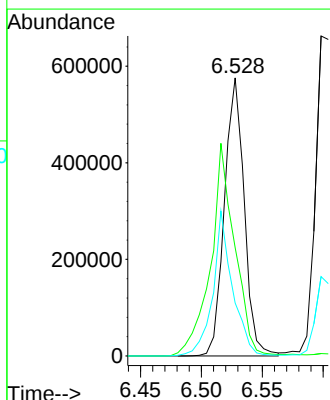
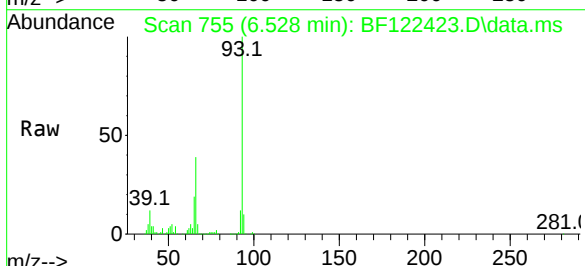
Manual Integrations
APPROVED

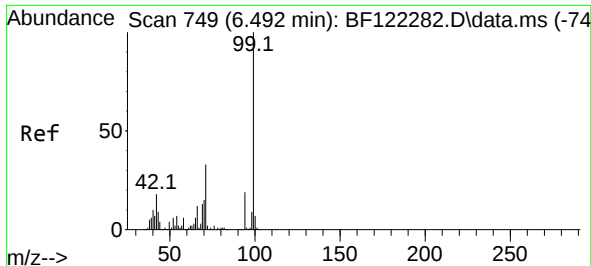
mohammad
11/24/2020 9:02:19 AM



#6
Aniline
Concen: 22.18 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion: 93 Resp: 651454
Ion Ratio Lower Upper
93 100
66 39.0 32.7 49.1
65 19.0 16.6 24.8





#7
Phenol-d6
Concen: 84.63 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

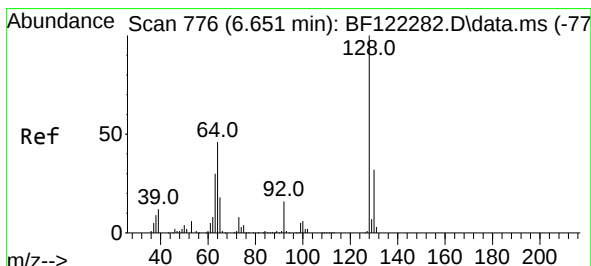
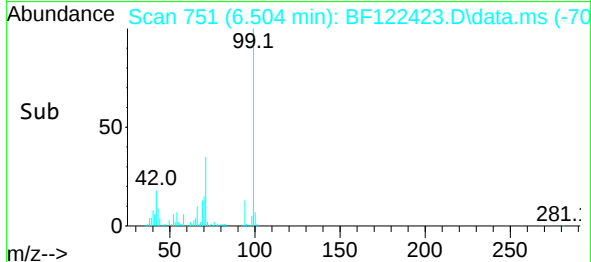
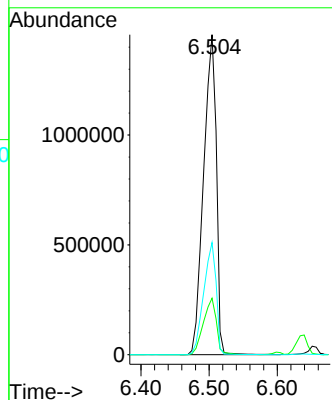
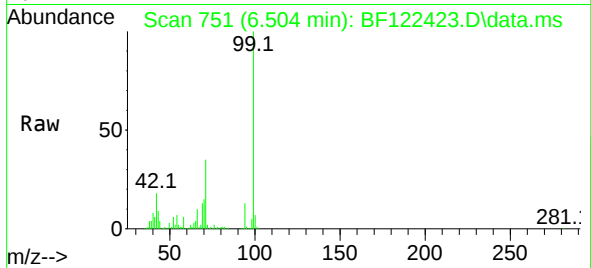
Tgt Ion: 99 Resp: 1894335

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.9	23.9
71	35.1	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

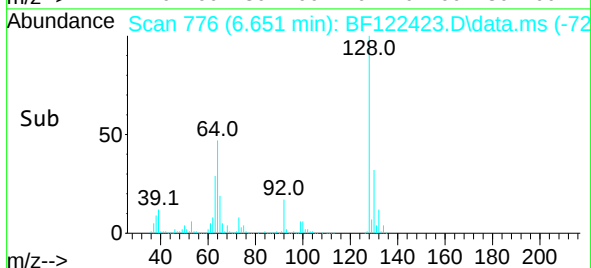
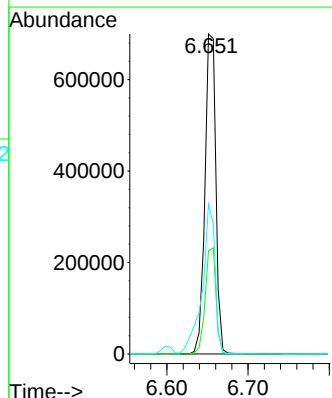
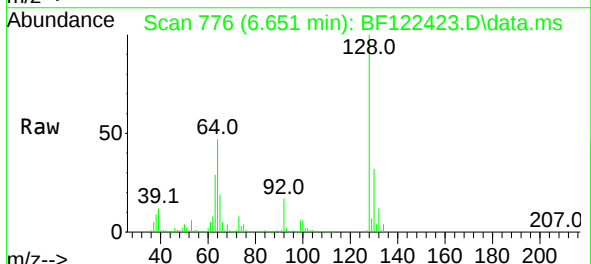
mohammad
11/24/2020 9:02:19 AM

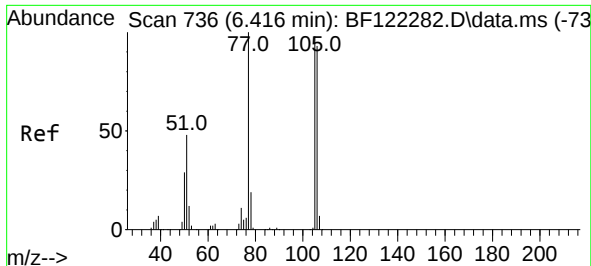


#8
2-Chlorophenol
Concen: 36.83 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion: 128 Resp: 653623

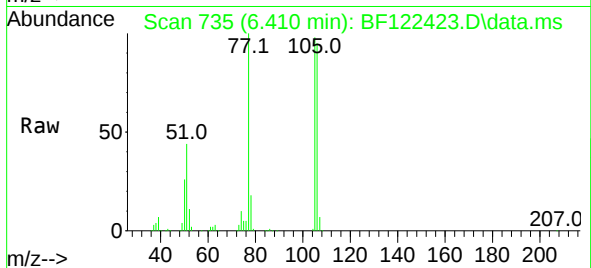
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	46.8	34.8	74.8





#9
Benzaldehyde
Concen: 13.93 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

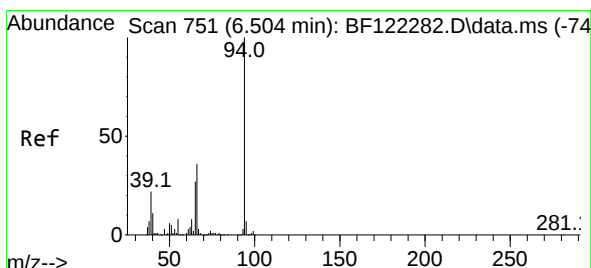
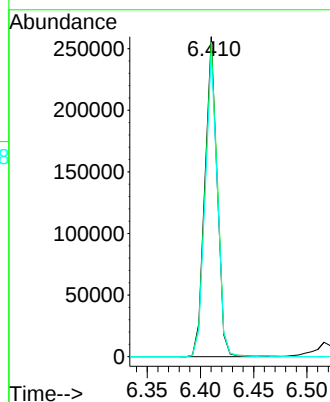
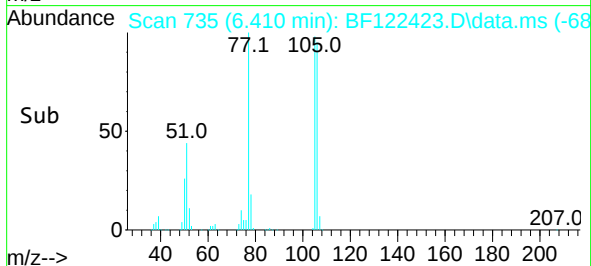
Instrument :
BNA_F
ClientSampleId :
PB133139BS



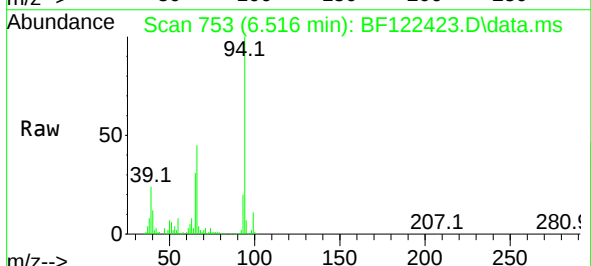
Tgt Ion: 77 Resp: 208727
Ion Ratio Lower Upper
77 100
105 98.2 76.7 116.7
106 94.9 71.3 111.3

Manual Integrations
APPROVED

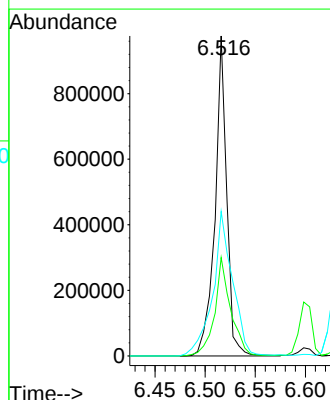
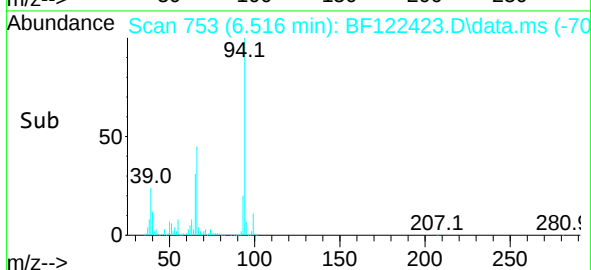
mohammad
11/24/2020 9:02:19 AM

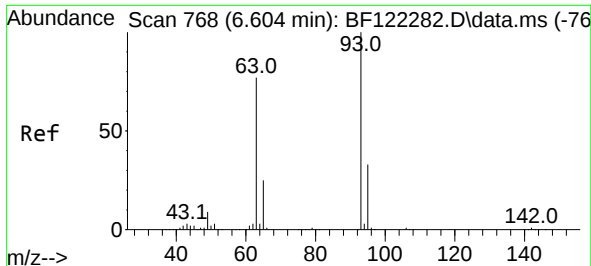


#10
Phenol
Concen: 36.06 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



Tgt Ion: 94 Resp: 794812
Ion Ratio Lower Upper
94 100
65 30.8 17.1 57.1
66 45.1 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 34.92 ng

RT: 6.598 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 93 Resp: 611781

Ion Ratio Lower Upper

93 100

63 76.0 62.4 102.4

95 32.1 12.6 52.6

Instrument :

BNA_F

ClientSampleId :

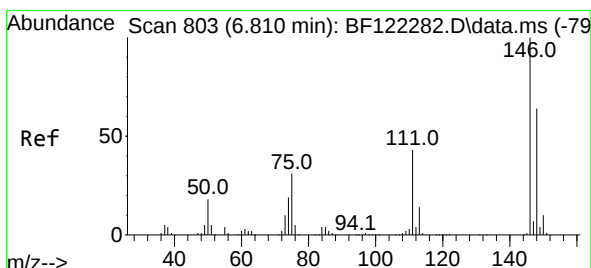
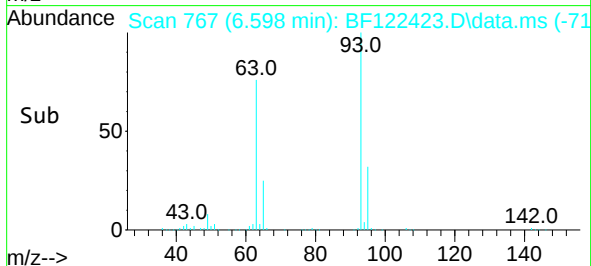
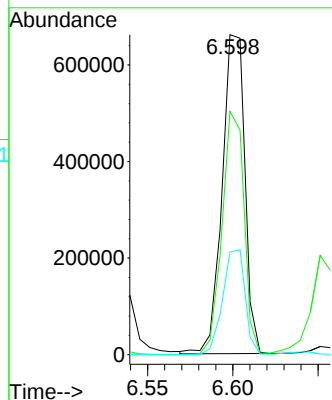
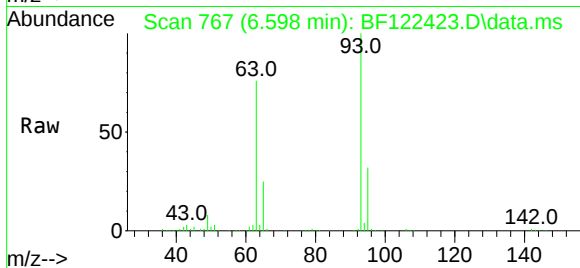
PB133139BS

Manual Integrations

APPROVED

mohammad

11/24/2020 9:02:19 AM



#12

1,3-Dichlorobenzene

Concen: 35.64 ng

RT: 6.804 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

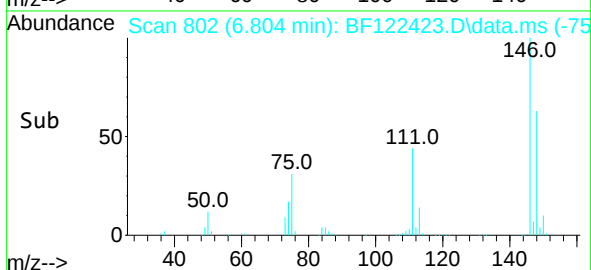
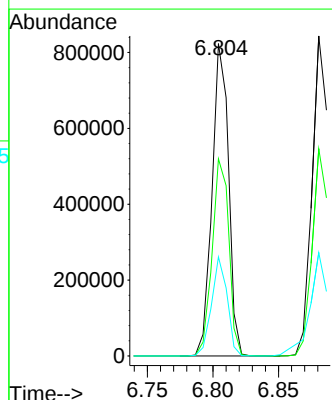
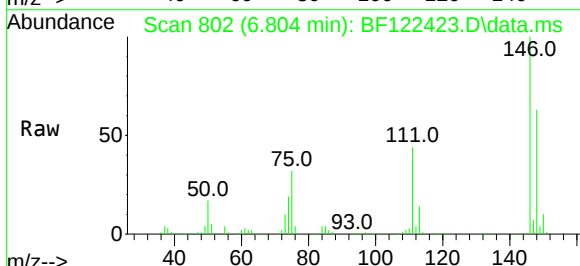
Tgt Ion:146 Resp: 717961

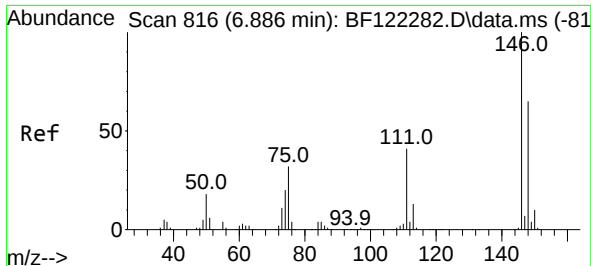
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

75 31.7 27.6 41.4





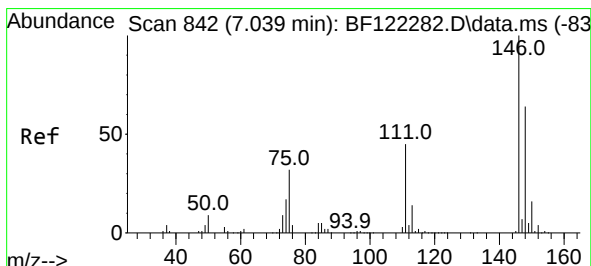
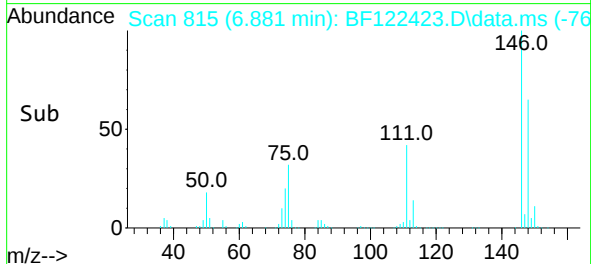
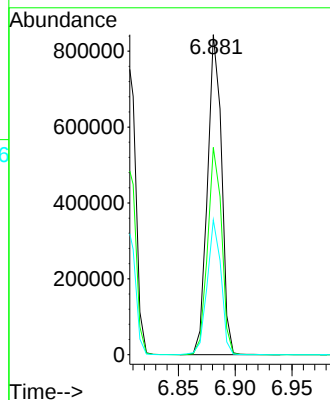
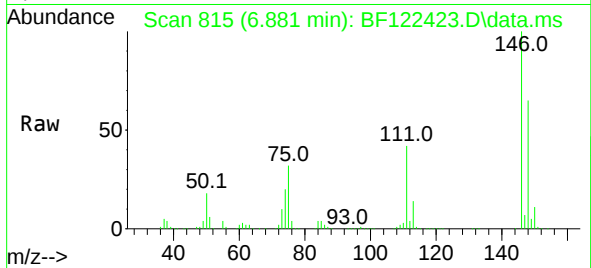
#13
1,4-Dichlorobenzene
Concen: 35.91 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:146 Resp: 726766
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 42.1 34.6 52.0

Instrument :
BNA_F
ClientSampled :
PB133139BS

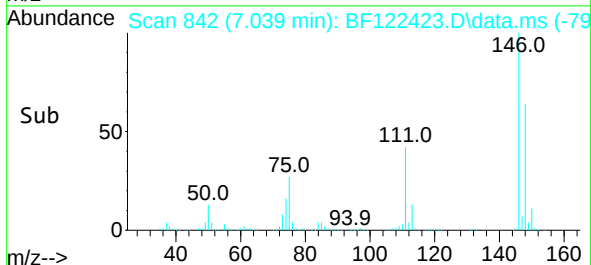
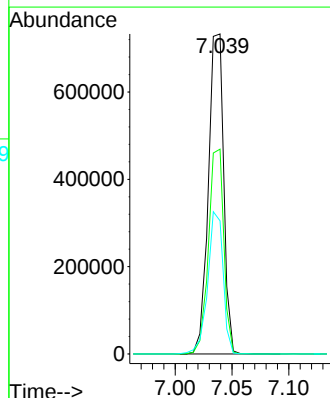
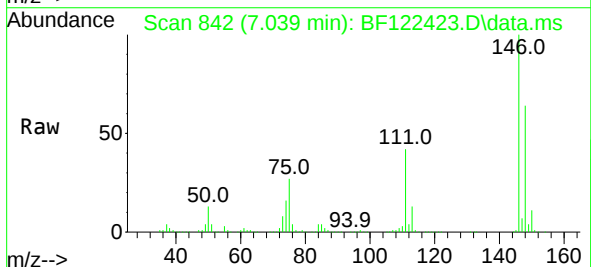
Manual Integrations
APPROVED

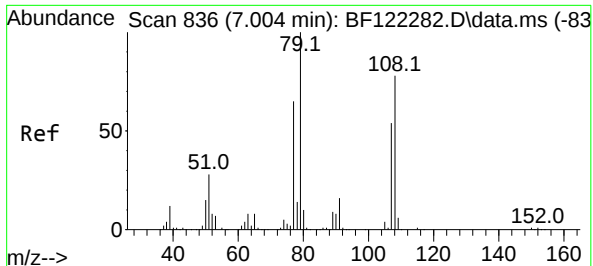
mohammad
11/24/2020 9:02:19 AM



#14
1,2-Dichlorobenzene
Concen: 36.26 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:146 Resp: 684875
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 41.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 35.50 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 79 Resp: 565051

Ion Ratio Lower Upper

79 100

108 77.3 62.3 93.5

77 61.3 50.6 75.8

Instrument :

BNA_F

ClientSampleId :

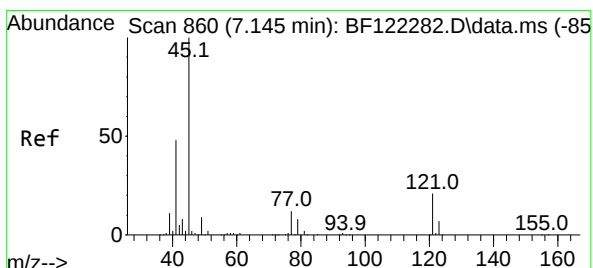
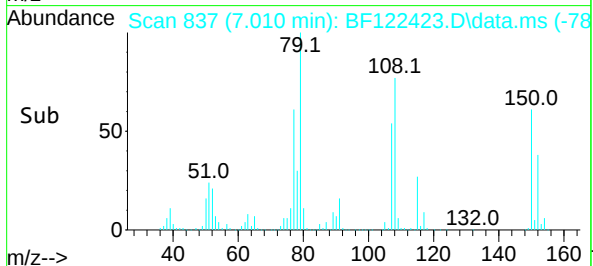
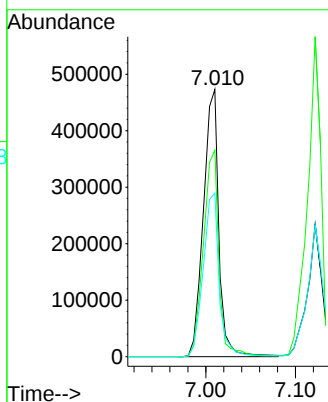
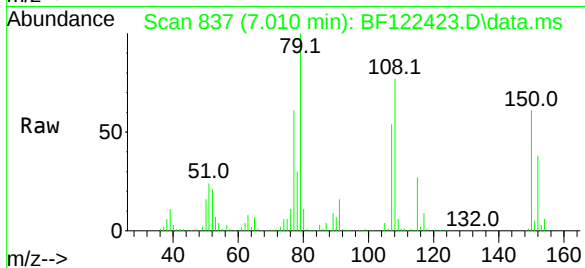
PB133139BS

Manual Integrations

APPROVED

mohammad

11/24/2020 9:02:19 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.89 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

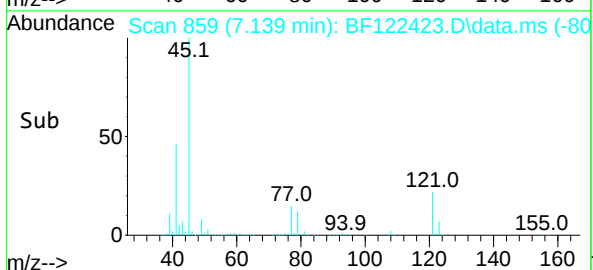
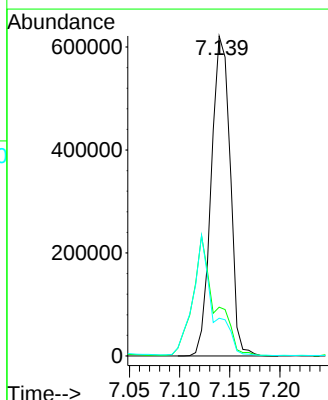
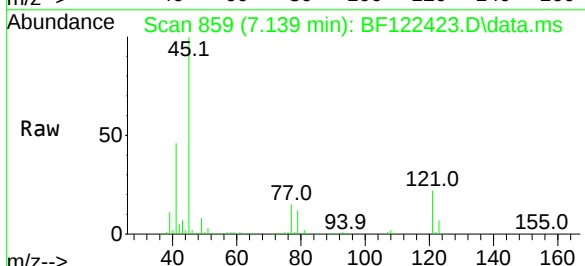
Tgt Ion: 45 Resp: 814326

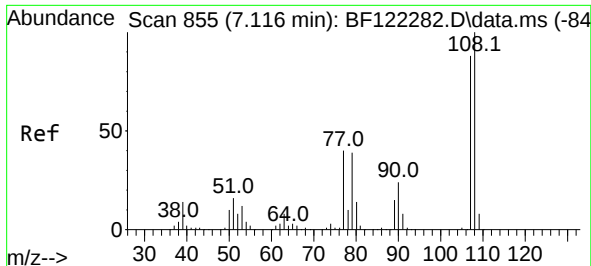
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.3

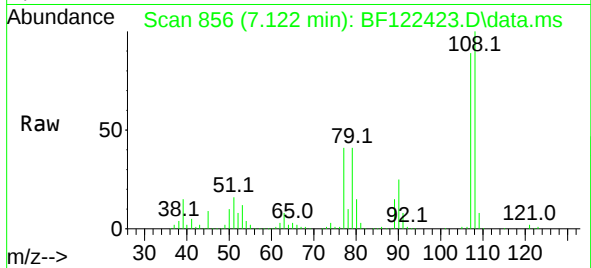
79 11.8 0.0 30.4





#17
2-Methylphenol
Concen: 36.05 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

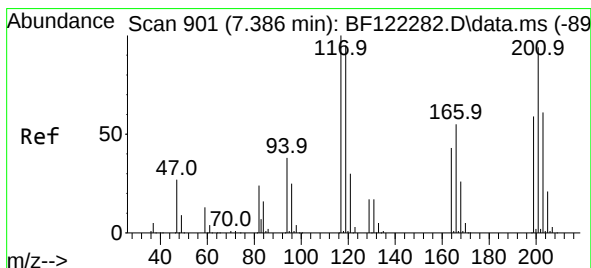
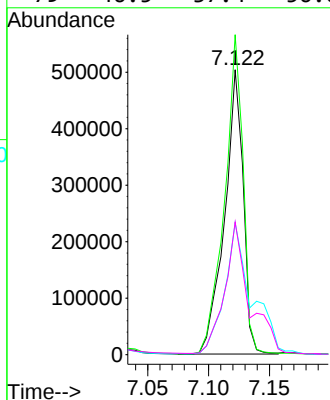
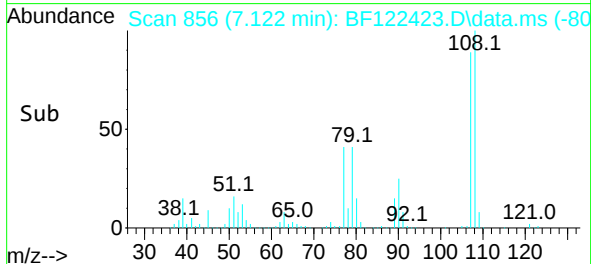
Instrument :
BNA_F
ClientSampleId :
PB133139BS



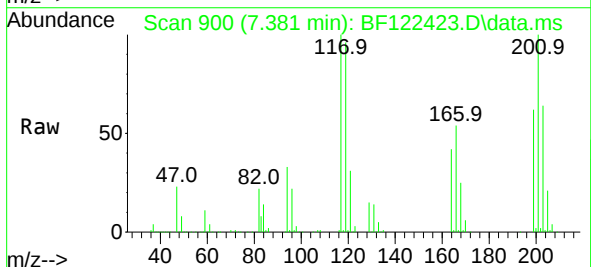
Tgt Ion:	107	Resp:	533971
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.9	136.3
77	46.2	37.5	56.3
79	46.5	37.4	56.0

Manual Integrations
APPROVED

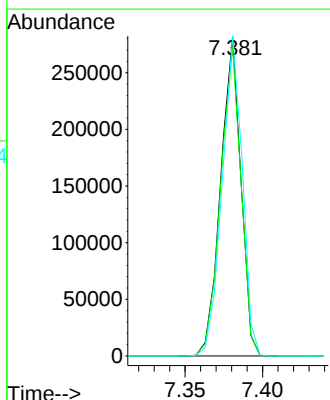
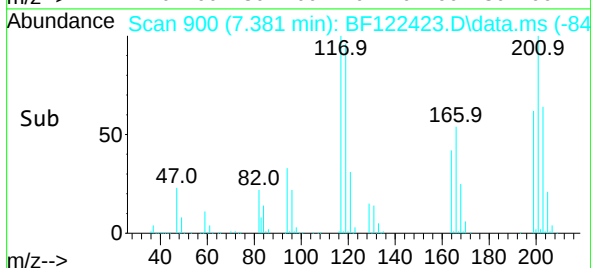
mohammad
11/24/2020 9:02:19 AM

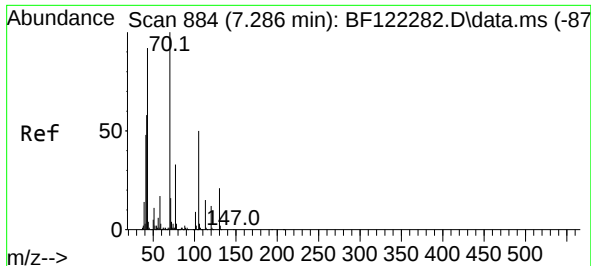


#18
Hexachloroethane
Concen: 36.14 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



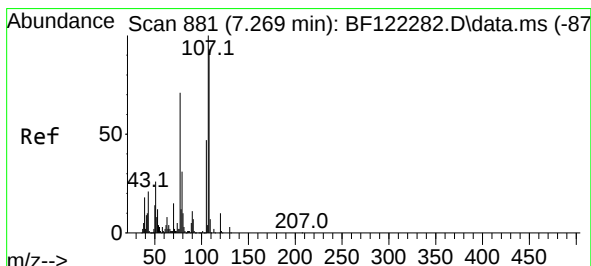
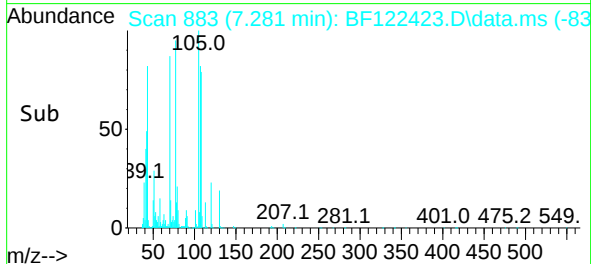
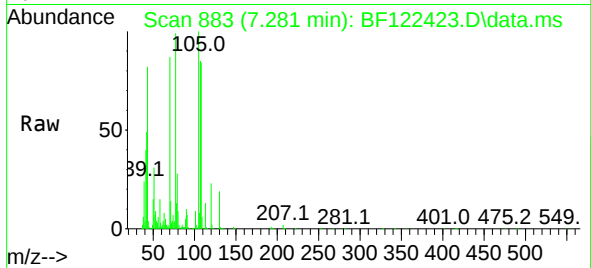
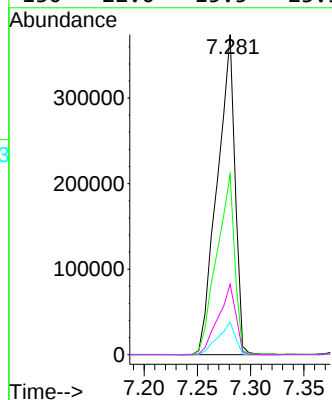
Tgt Ion:	117	Resp:	254665
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
201	100.1	71.8	107.6





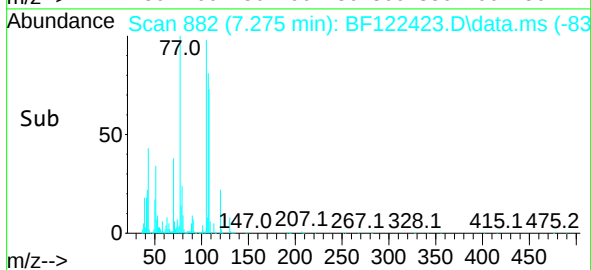
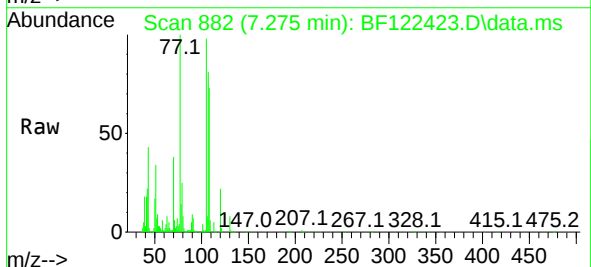
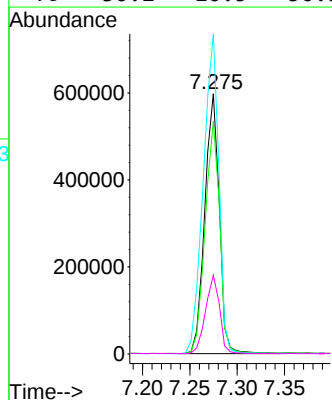
#19
n-Nitroso-di-n-propylamine
Concen: 32.49 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:	70	Resp:	434608
Ion Ratio	Lower	Upper	
70	100		
42	56.3	50.2	75.4
101	10.1	7.5	11.3
130	22.0	15.5	23.3



#20
3+4-Methylphenols
Concen: 34.81 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:	107	Resp:	634519
Ion Ratio	Lower	Upper	
107	100		
108	89.3	68.9	108.9
77	123.0	108.0	148.0
79	30.2	10.5	50.5



Instrument :
BNA_F
ClientSampleId :
PB133139BS

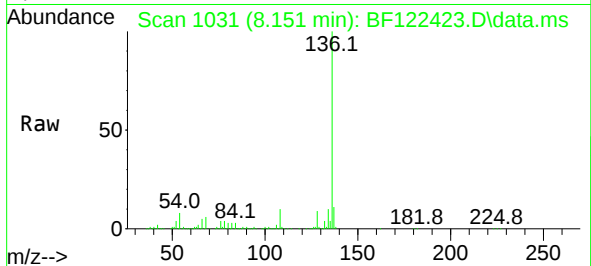
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

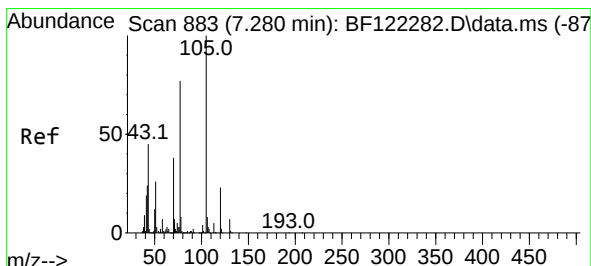
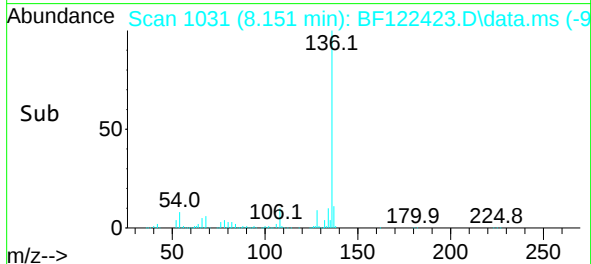
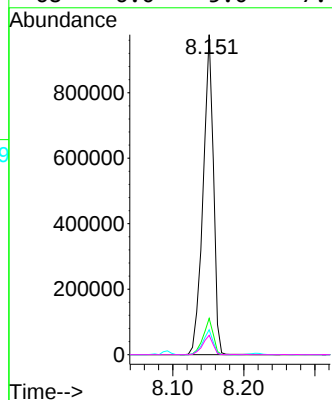
Instrument :
BNA_F
ClientSampleId :
PB133139BS



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.8	7.1	10.7
68	6.0	5.0	7.4

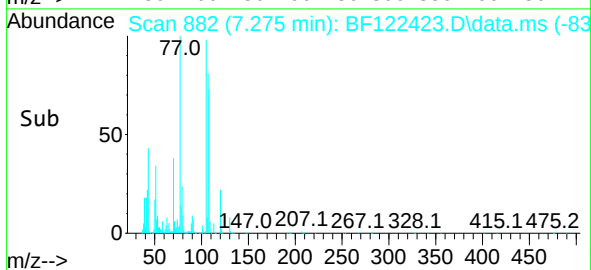
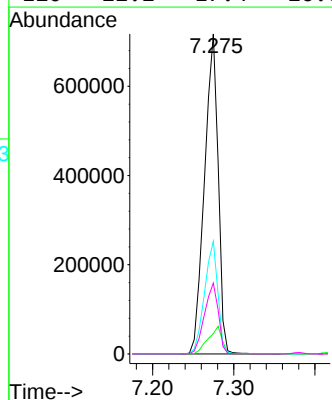
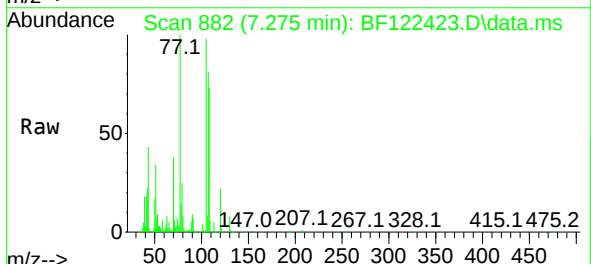
Manual Integrations
APPROVED

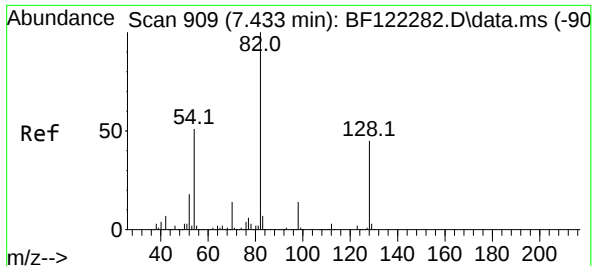
mohammad
11/24/2020 9:02:19 AM



#22
Acetophenone
Concen: 32.48 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.3	7.9
51	35.2	33.2	49.8
120	22.2	17.4	26.0





#23

Nitrobenzene-d5

Concen: 65.75 ng

RT: 7.428 min Scan# 908

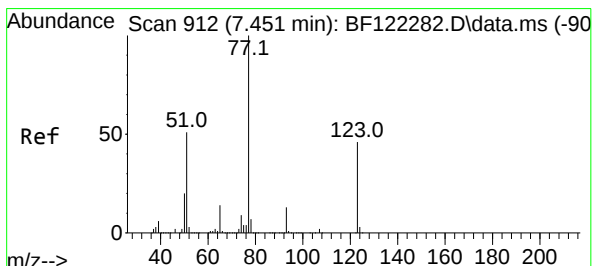
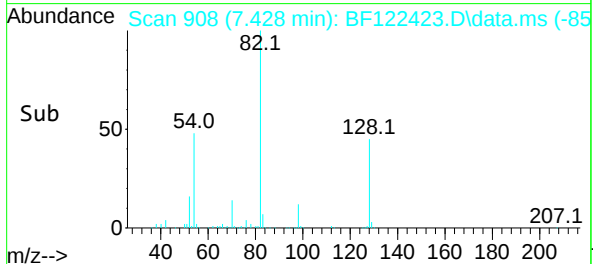
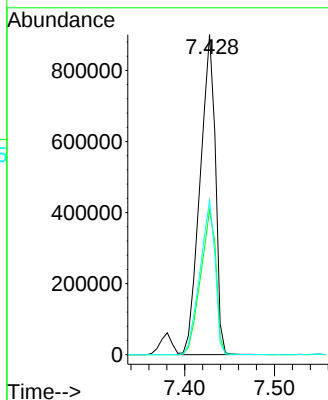
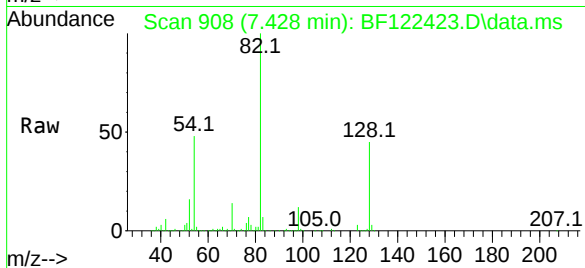
Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 82 Resp: 1065775

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.0	52.4
54	48.1	43.9	65.9



#24

Nitrobenzene

Concen: 37.12 ng

RT: 7.445 min Scan# 911

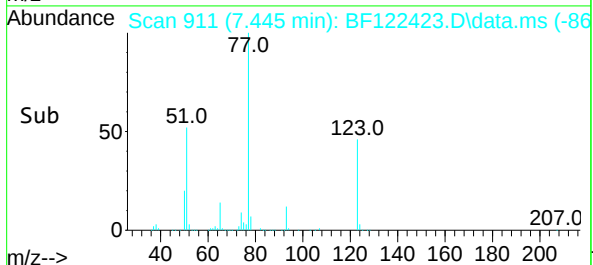
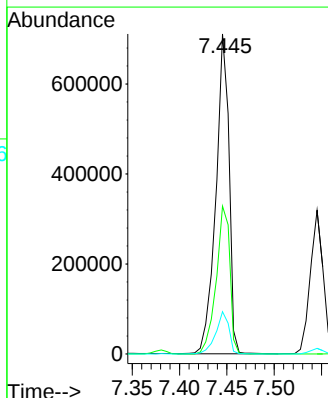
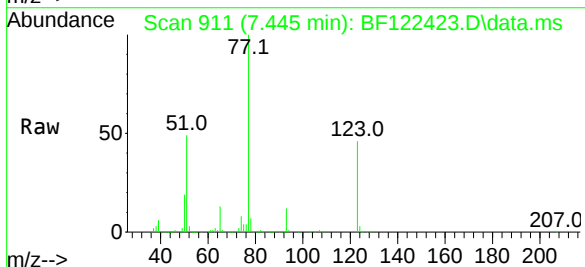
Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 77 Resp: 688429

Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.6	53.4
65	13.2	11.2	16.8



Instrument :

BNA_F

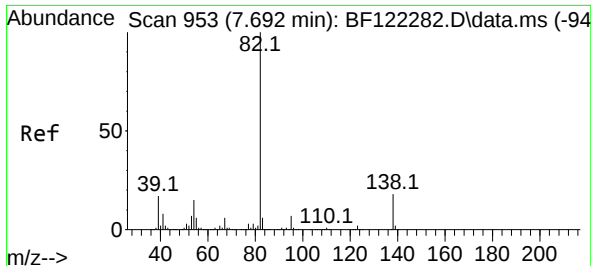
ClientSampleId :

PB133139BS

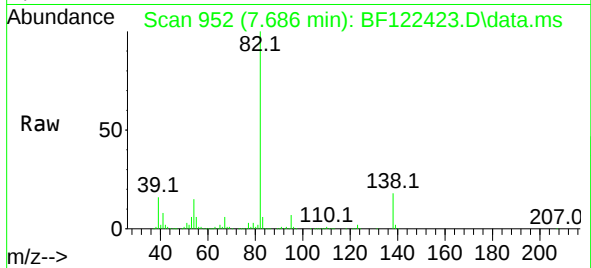
Manual Integrations

APPROVED

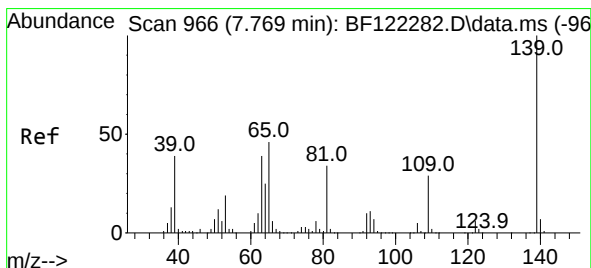
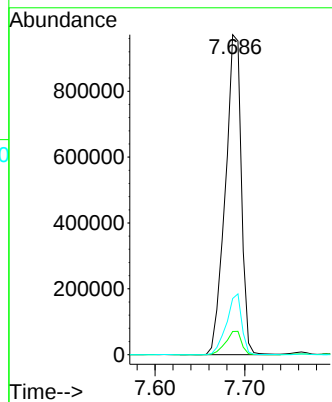
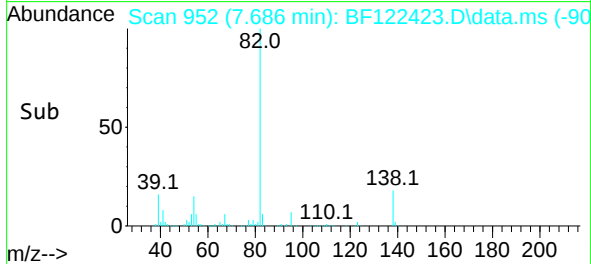
mohammad
11/24/2020 9:02:19 AM



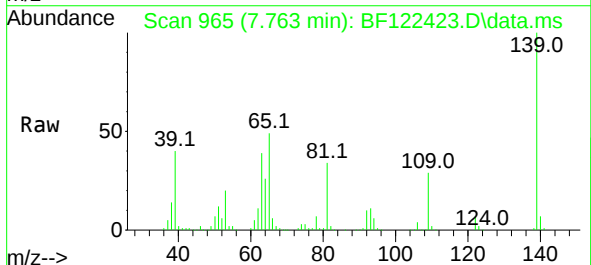
#25
Isophorone
Concen: 33.24 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



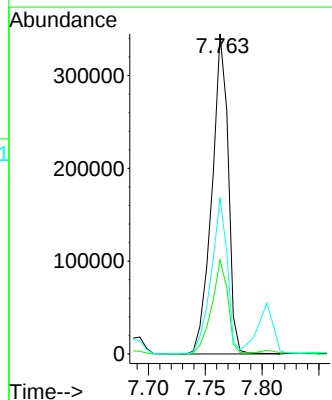
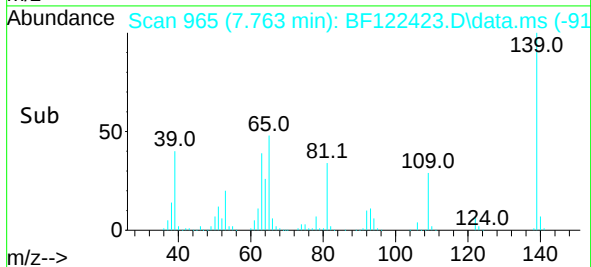
Tgt Ion: 82 Resp: 1201203
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 17.6 13.4 20.0



#26
2-Nitrophenol
Concen: 43.51 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



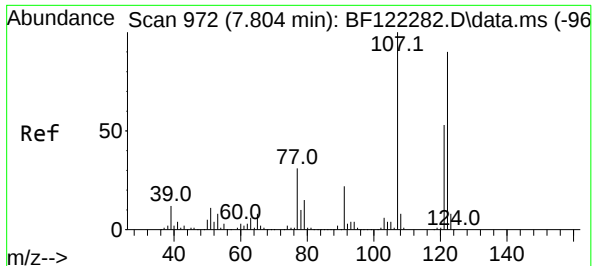
Tgt Ion: 139 Resp: 344347
Ion Ratio Lower Upper
139 100
109 29.4 23.0 34.4
65 48.6 39.9 59.9



Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#27

2,4-Dimethylphenol

Concen: 33.85 ng

RT: 7.804 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

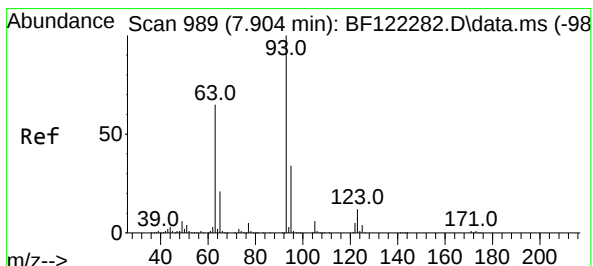
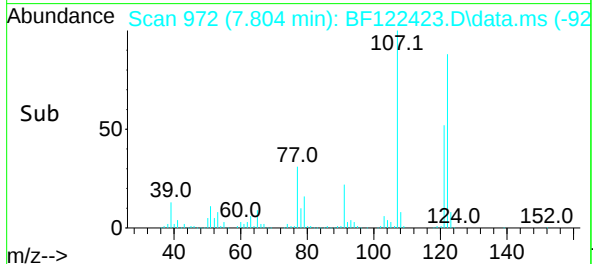
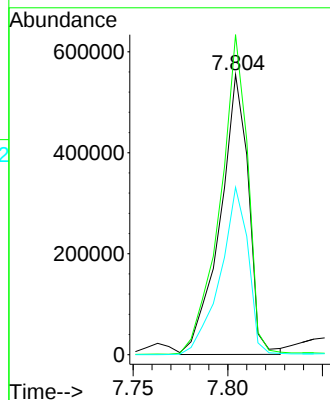
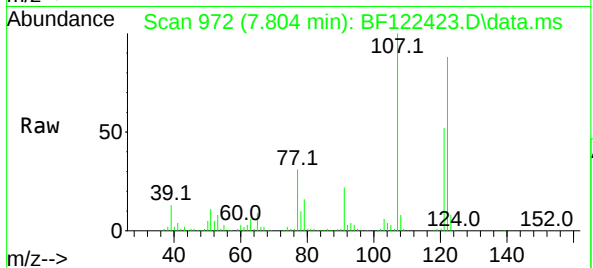
Tgt Ion:122 Resp: 576930

Ion Ratio Lower Upper

122 100

107 114.2 90.8 136.2

121 59.7 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 34.23 ng

RT: 7.898 min Scan# 988

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

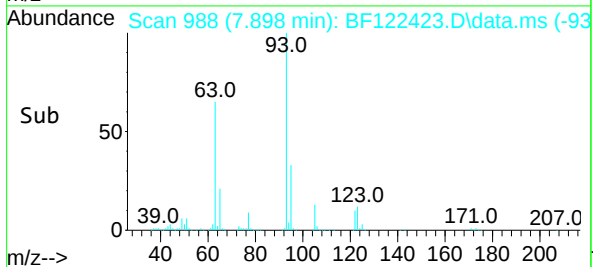
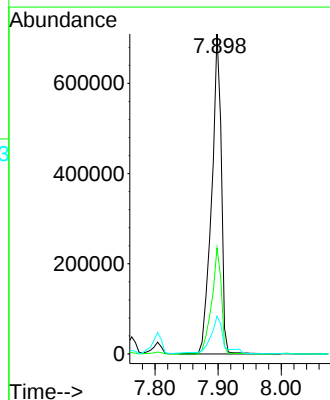
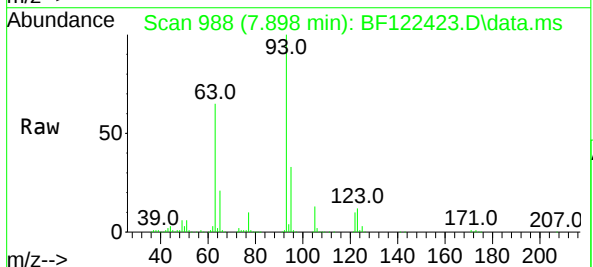
Tgt Ion: 93 Resp: 756516

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

123 11.8 8.8 13.2



Instrument :

BNA_F

ClientSampleId :

PB133139BS

Manual Integrations

APPROVED

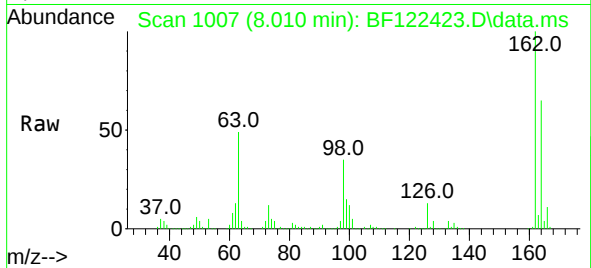
mohammad

11/24/2020 9:02:19 AM



#29
2,4-Dichlorophenol
Concen: 37.27 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

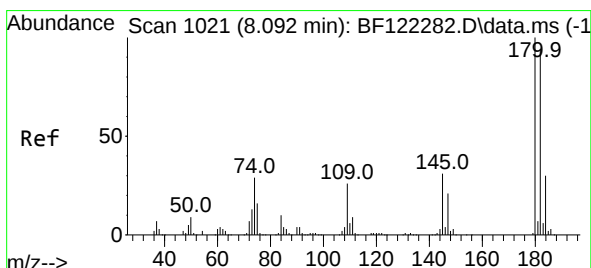
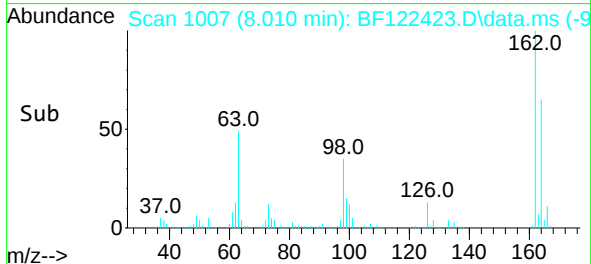
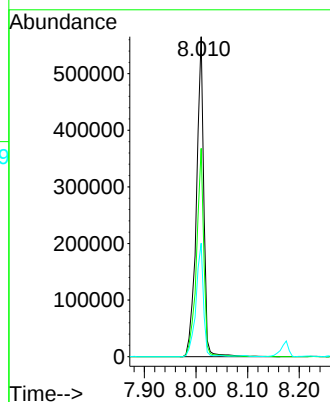
Instrument :
BNA_F
ClientSampleId :
PB133139BS



Tgt Ion:162 Resp: 562379
Ion Ratio Lower Upper
162 100
164 65.1 42.5 82.5
98 35.4 20.1 60.1

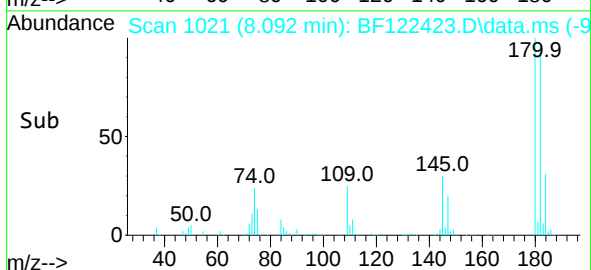
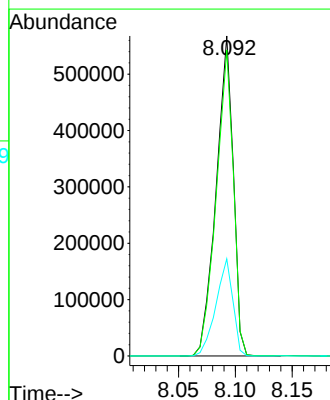
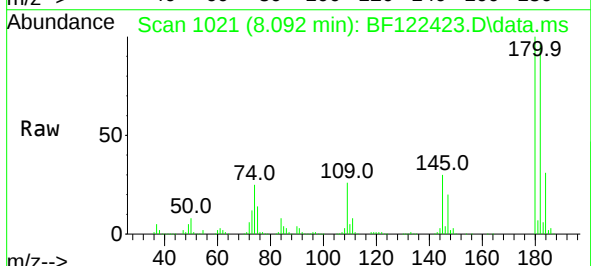
Manual Integrations
APPROVED

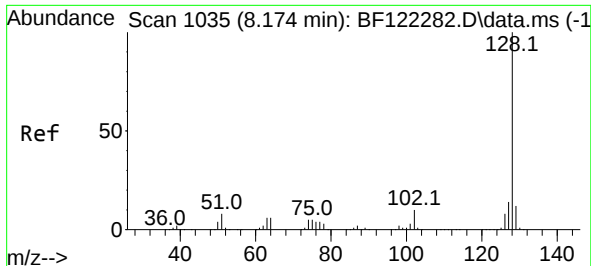
mohammad
11/24/2020 9:02:19 AM



#30
1,2,4-Trichlorobenzene
Concen: 35.78 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:180 Resp: 595835
Ion Ratio Lower Upper
180 100
182 95.7 79.4 119.2
145 30.3 25.5 38.3





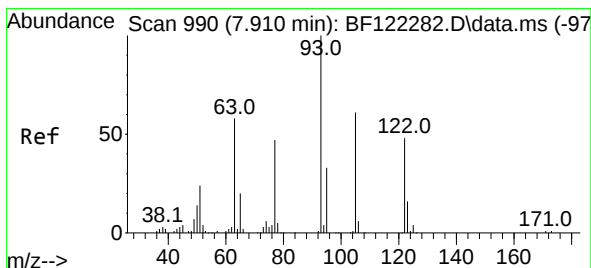
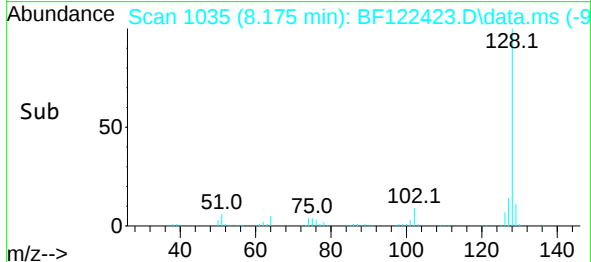
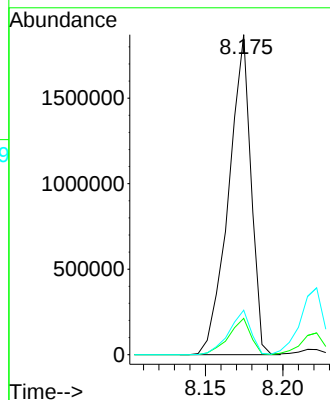
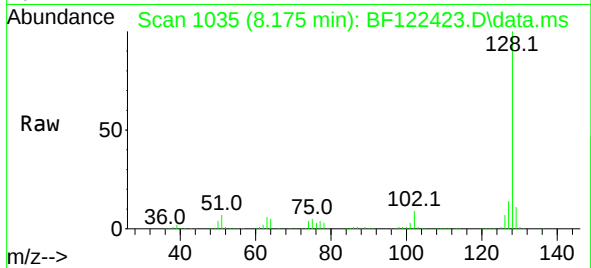
#31
Naphthalene
Concen: 35.64 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:128 Resp: 1880060
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.9 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
PB133139BS

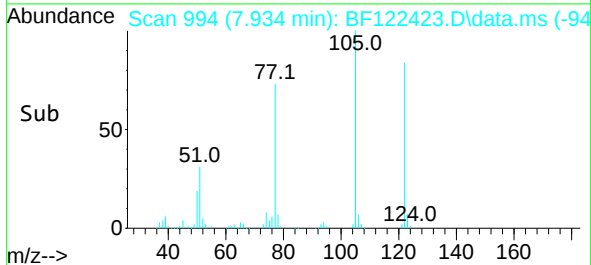
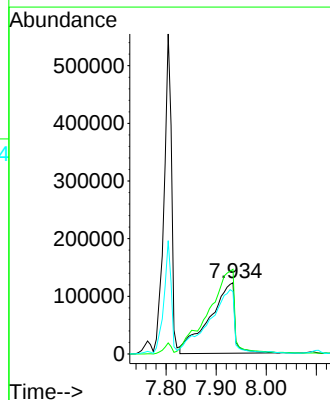
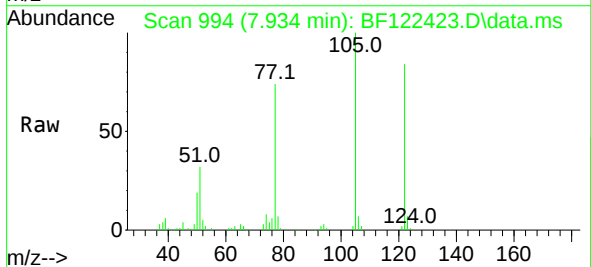
Manual Integrations
APPROVED

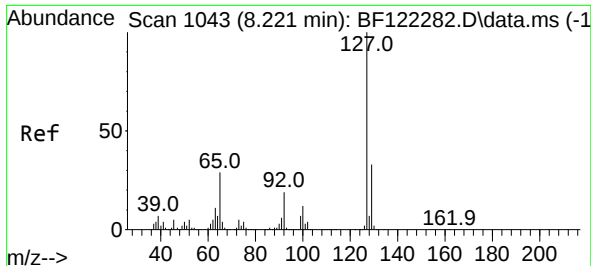
mohammad
11/24/2020 9:02:19 AM



#32
Benzoic acid
Concen: 46.17 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:122 Resp: 432163
Ion Ratio Lower Upper
122 100
105 118.9 103.3 143.3
77 87.7 73.9 113.9





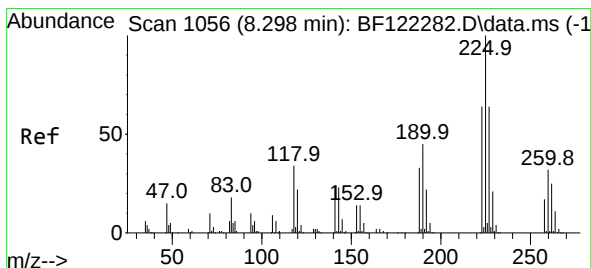
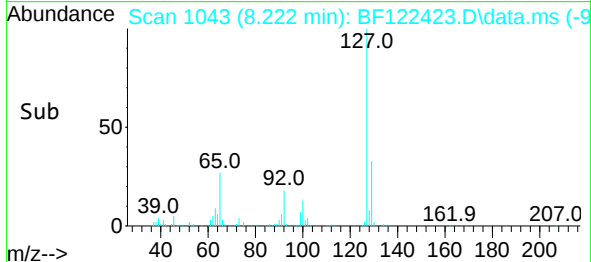
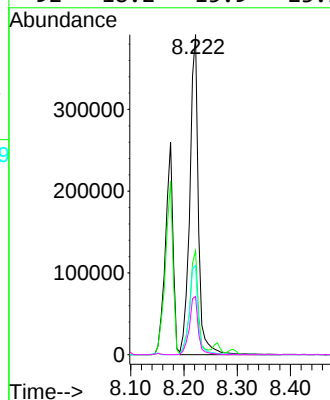
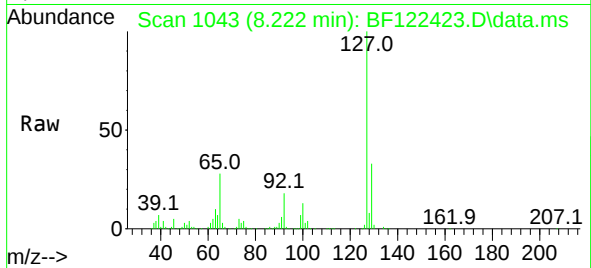
#33
4-Chloroaniline
Concen: 19.18 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	27.8	26.2	39.2
92	18.2	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
PB133139BS

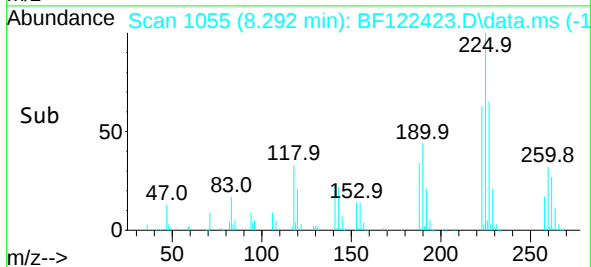
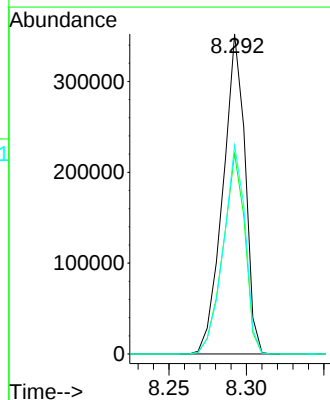
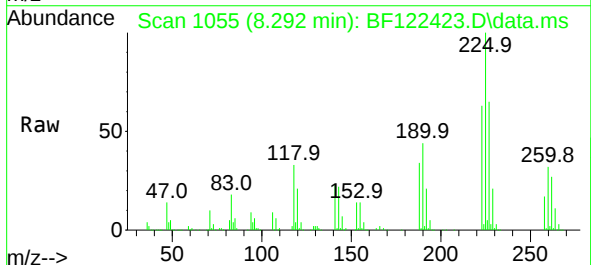
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



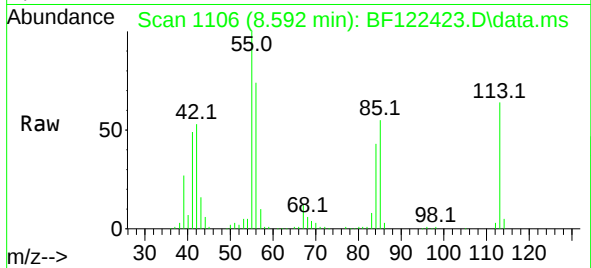
#34
Hexachlorobutadiene
Concen: 36.53 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	65.2	51.0	76.6

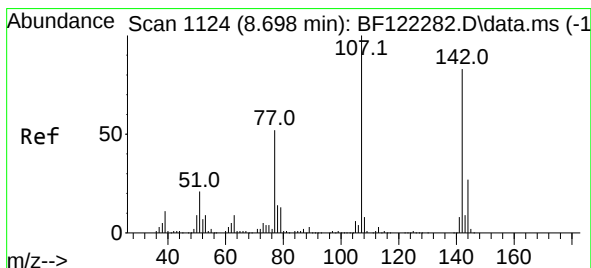
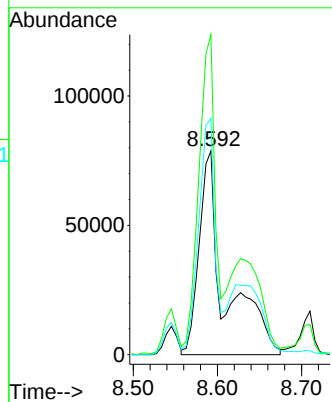
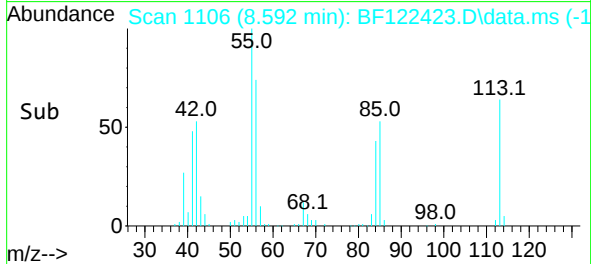




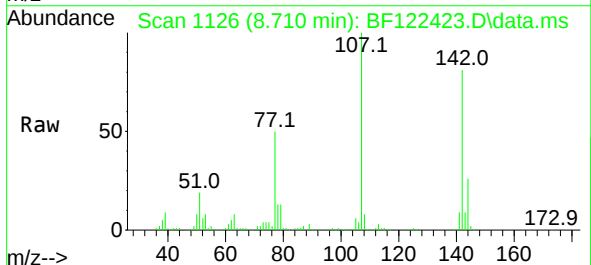
#35
Caprolactam
Concen: 35.03 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



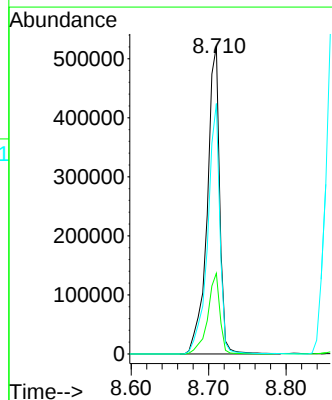
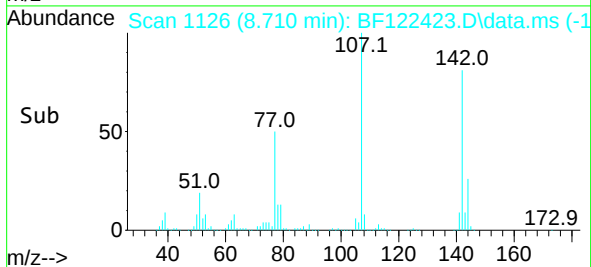
Tgt Ion:113 Resp: 167556
Ion Ratio Lower Upper
113 100
55 157.0 167.5 207.5#
56 115.9 121.2 161.2#



#36
4-Chloro-3-methylphenol
Concen: 37.13 ng
RT: 8.710 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



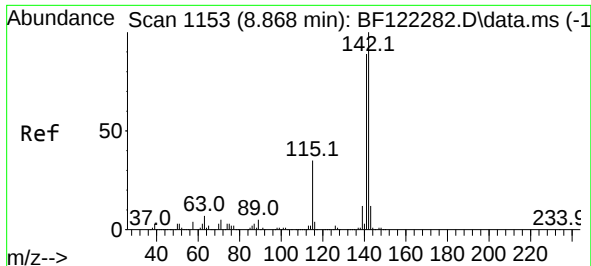
Tgt Ion:107 Resp: 584377
Ion Ratio Lower Upper
107 100
144 26.2 20.1 30.1
142 81.4 59.3 88.9



Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



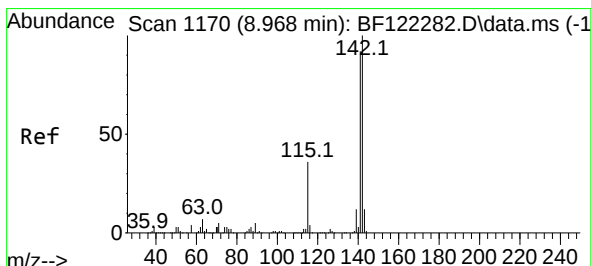
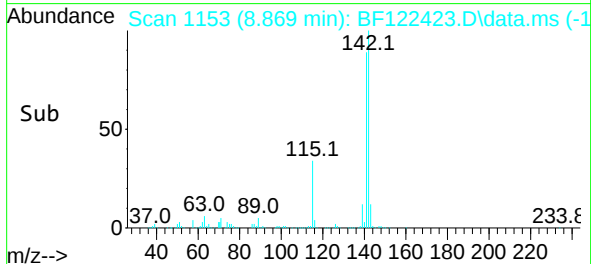
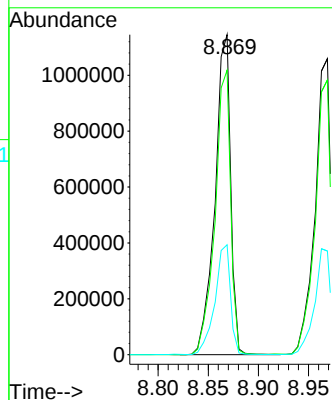
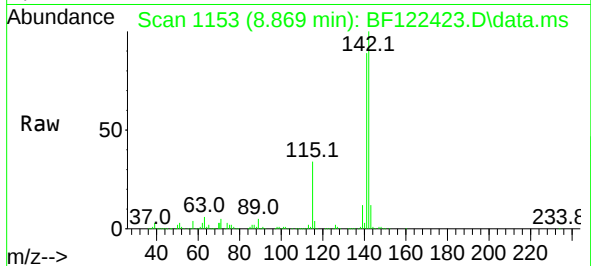
#37
2-Methylnaphthalene
Concen: 35.80 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:142 Resp: 1247624
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.4
115 34.4 28.6 43.0

Instrument :
BNA_F
ClientSampleId :
PB133139BS

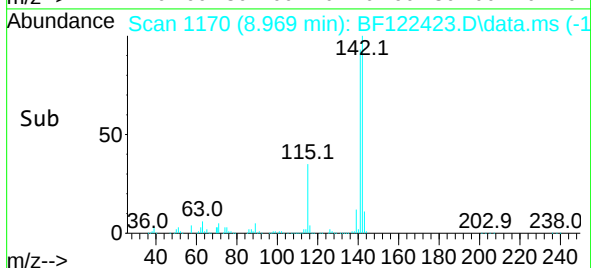
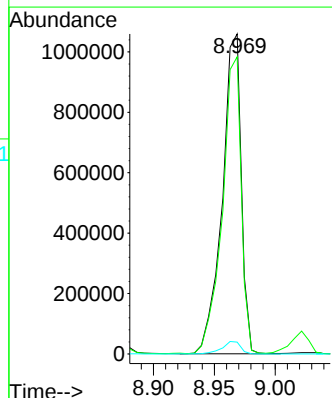
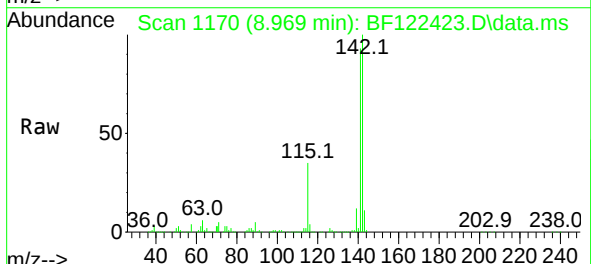
Manual Integrations
APPROVED

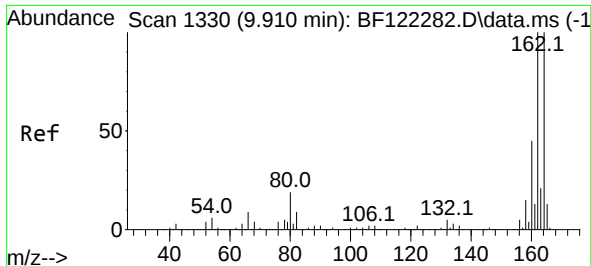
mohammad
11/24/2020 9:02:19 AM



#38
1-Methylnaphthalene
Concen: 35.38 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

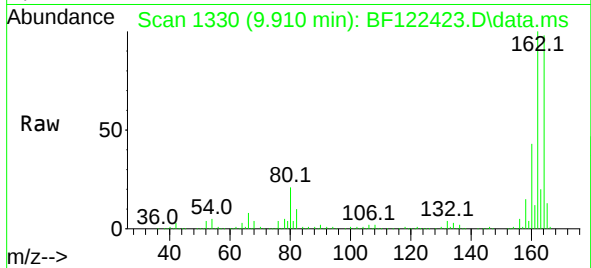
Tgt Ion:142 Resp: 1154397
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7
116 3.7 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

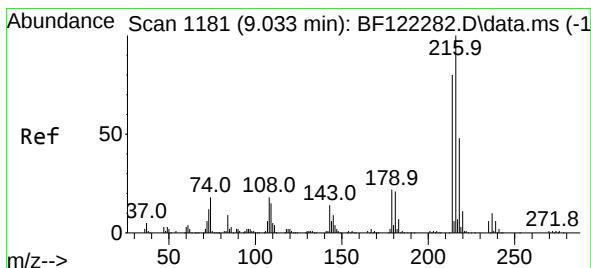
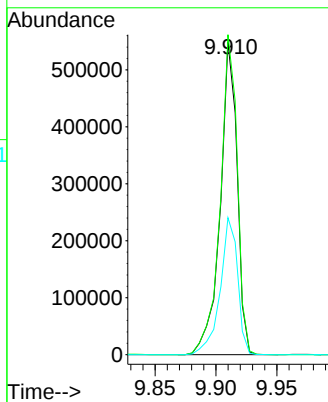
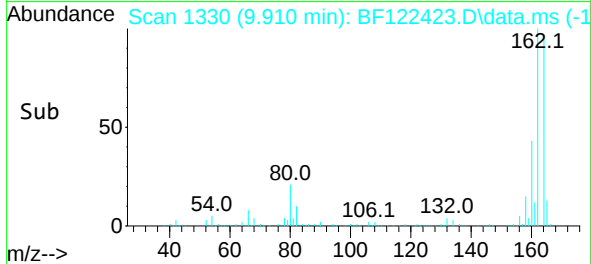
Instrument :
BNA_F
ClientSampleId :
PB133139BS



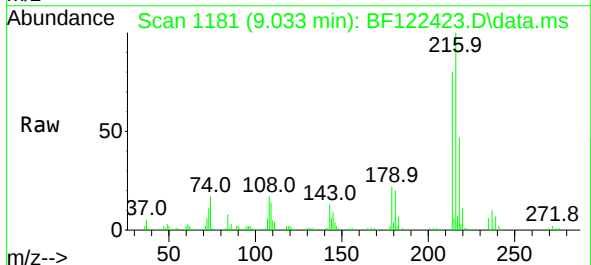
Tgt Ion:164 Resp: 530509
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 43.9 37.5 56.3

Manual Integrations
APPROVED

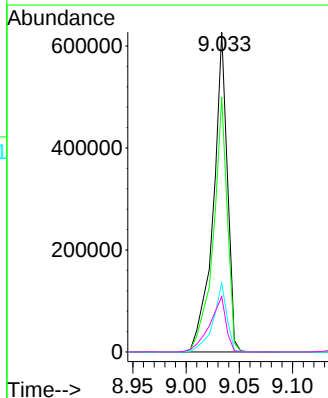
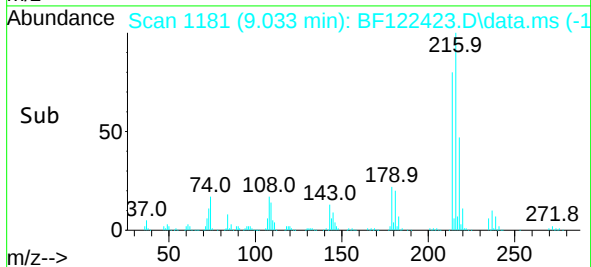
mohammad
11/24/2020 9:02:19 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.24 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

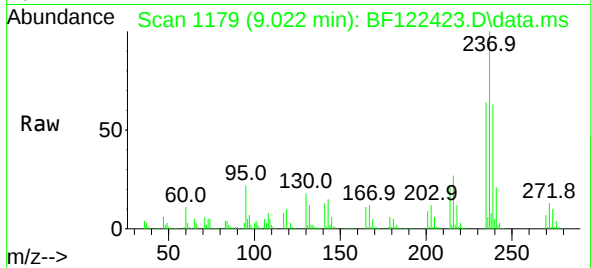


Tgt Ion:216 Resp: 576058
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.2
179 20.9 17.0 25.6
108 20.2 15.5 23.3

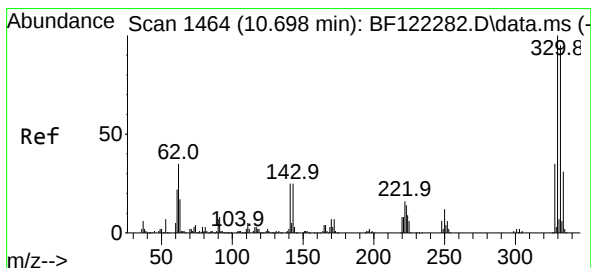
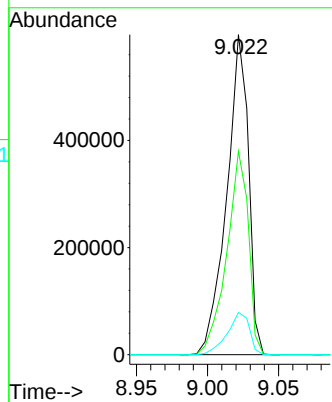
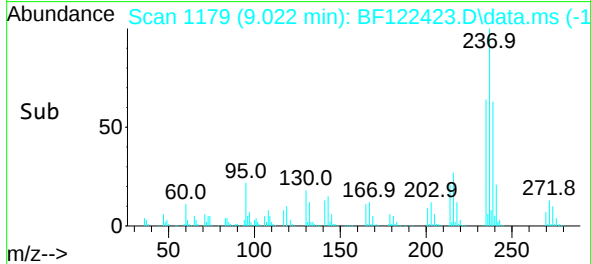




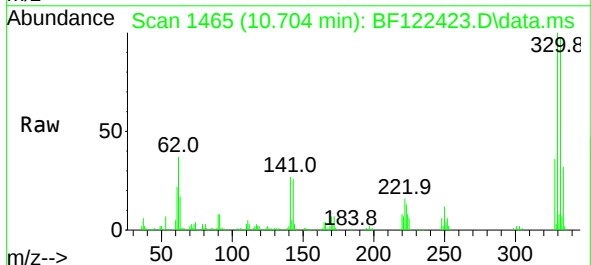
#41
Hexachlorocyclopentadiene
Concen: 66.64 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



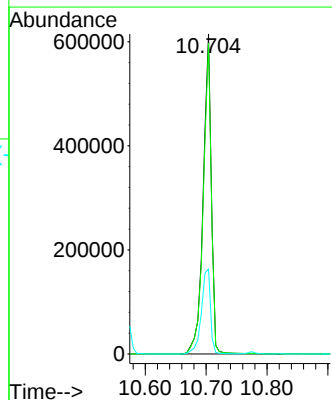
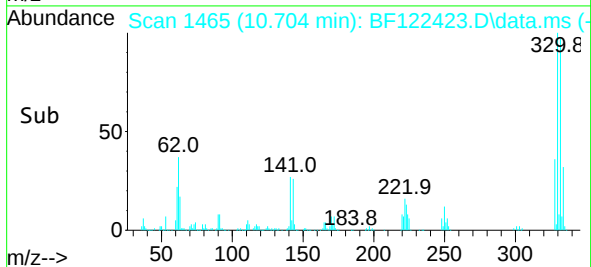
Tgt Ion: 237 Resp: 636991
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 13.2 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 99.96 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



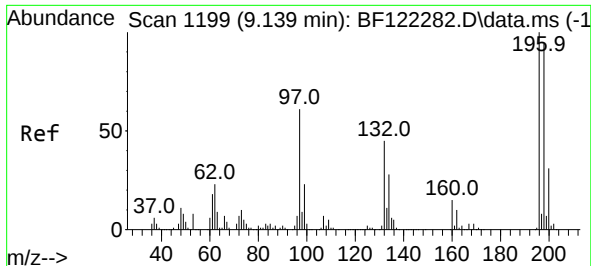
Tgt Ion: 330 Resp: 569178
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 29.8 22.3 33.5



Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



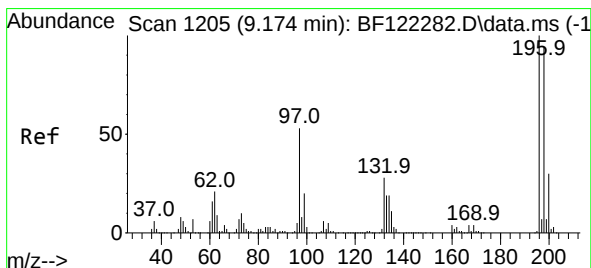
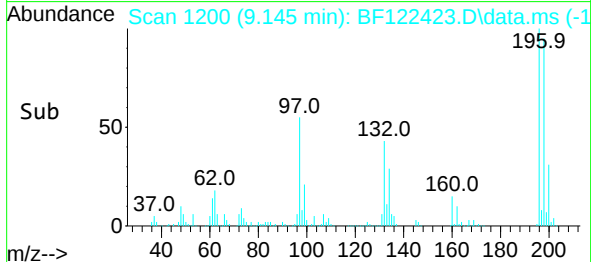
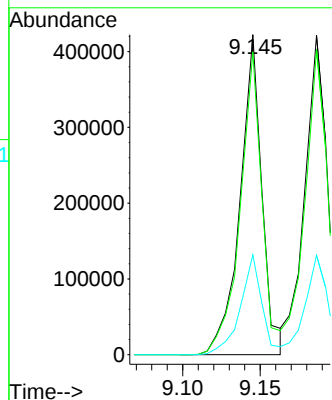
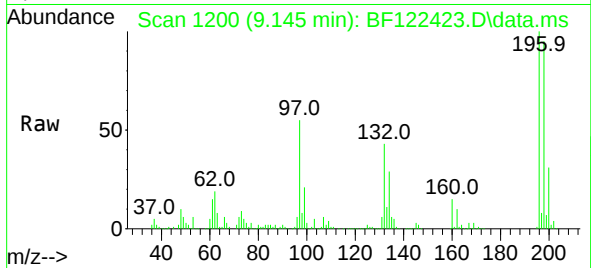
#43
2,4,6-Trichlorophenol
Concen: 39.15 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:196 Resp: 415612
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
200 31.2 24.6 36.8

Instrument :
BNA_F
ClientSampled :
PB133139BS

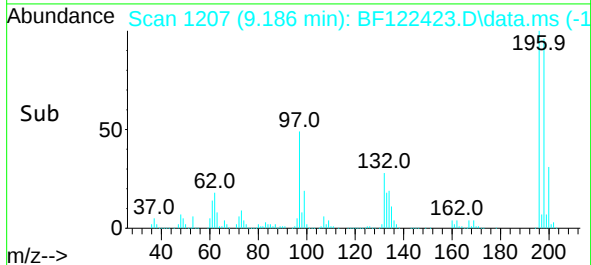
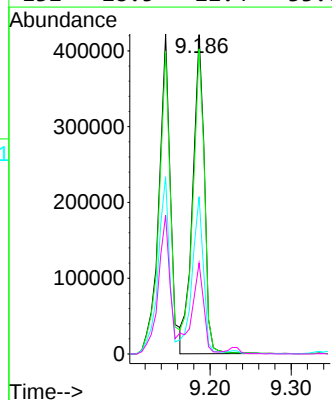
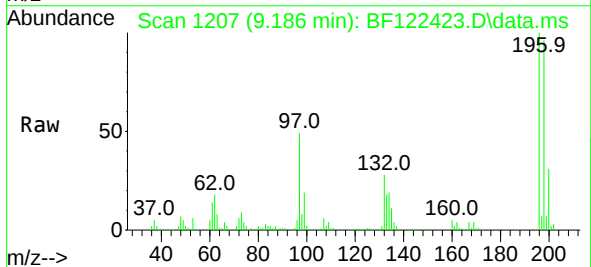
Manual Integrations
APPROVED

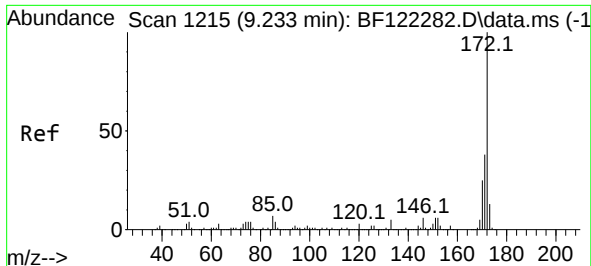
mohammad
11/24/2020 9:02:19 AM



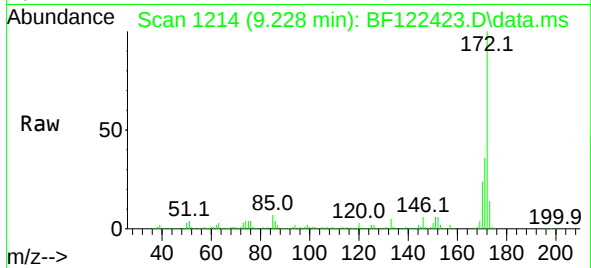
#44
2,4,5-Trichlorophenol
Concen: 37.85 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:196 Resp: 421292
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 49.2 41.0 61.6
132 28.5 22.4 33.6

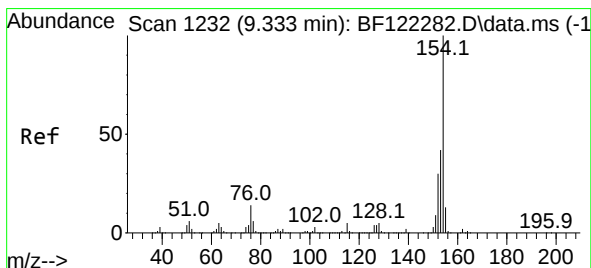
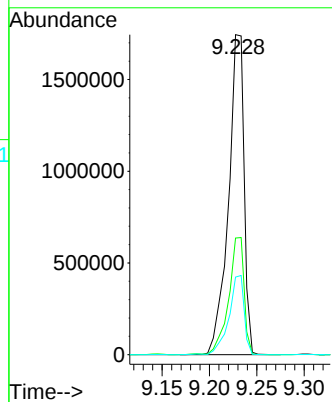
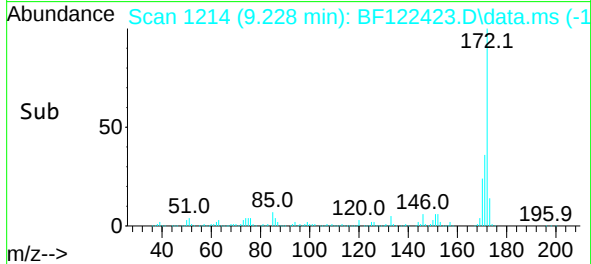




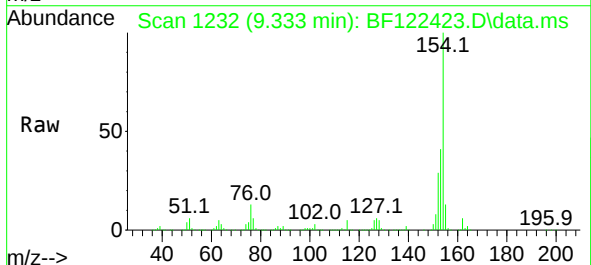
#45
2-Fluorobiphenyl
Concen: 59.12 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



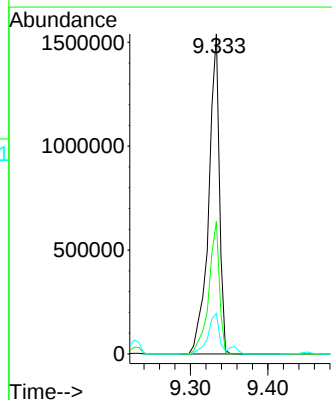
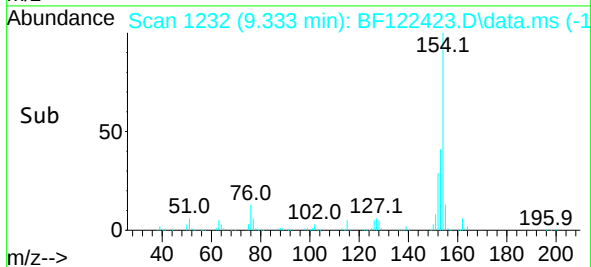
Tgt Ion:172 Resp: 2007403
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 35.01 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



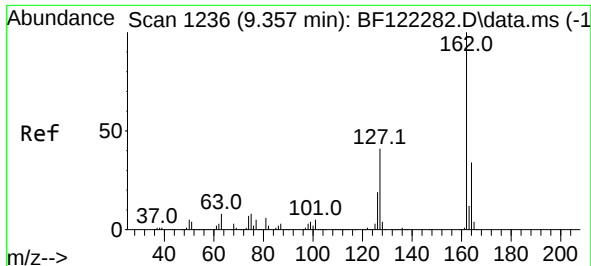
Tgt Ion:154 Resp: 1478365
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 12.6 0.0 34.7



Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#47

2-Chloronaphthalene

Concen: 35.13 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 162 Resp: 1177557

Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.4	51.6
164	34.3	26.3	39.5

Instrument :

BNA_F

ClientSampleId :

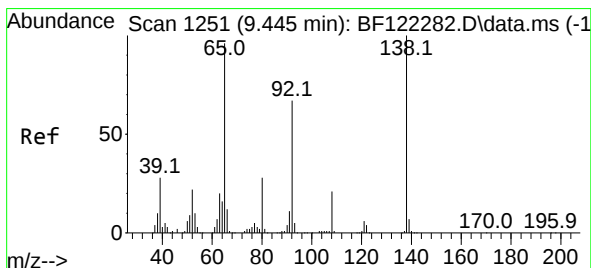
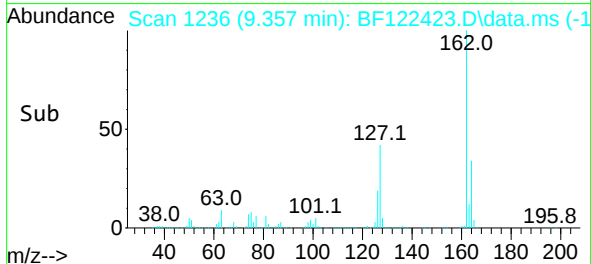
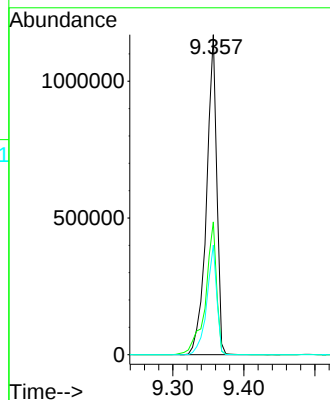
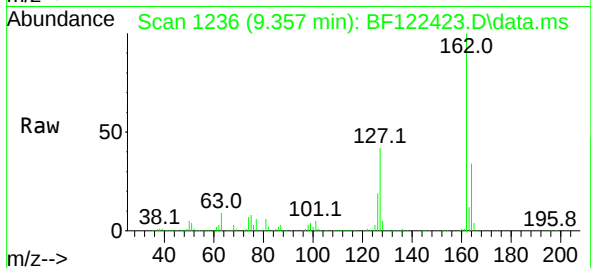
PB133139BS

Manual Integrations

APPROVED

mohammad

11/24/2020 9:02:19 AM



#48

2-Nitroaniline

Concen: 36.82 ng

RT: 9.451 min Scan# 1252

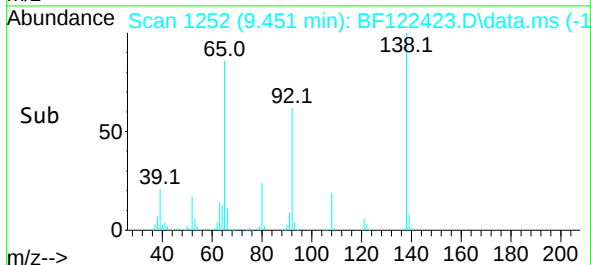
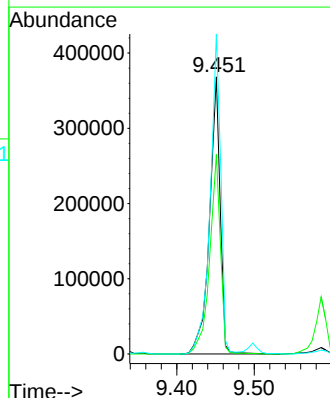
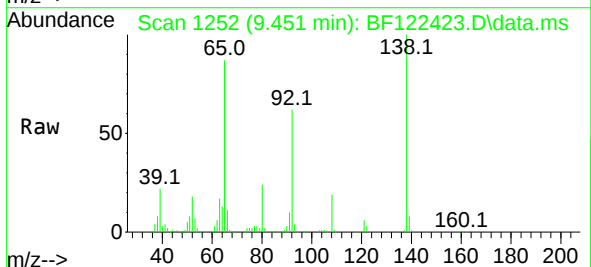
Delta R.T. -0.006 min

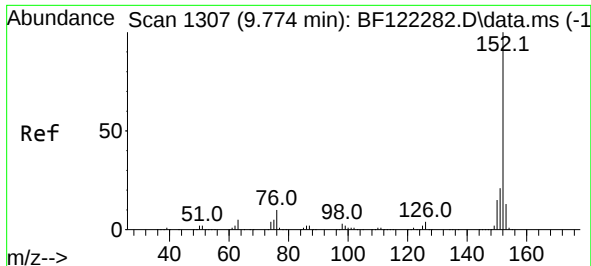
Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion: 65 Resp: 354111

Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.1	82.7
138	115.5	80.5	120.7





#49

Acenaphthylene

Concen: 34.91 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

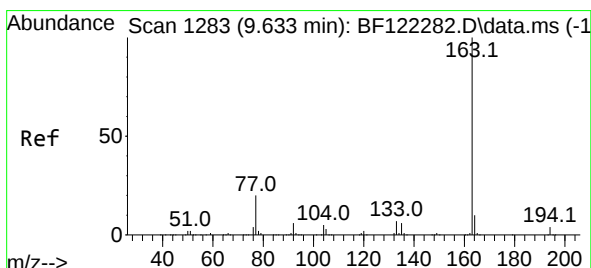
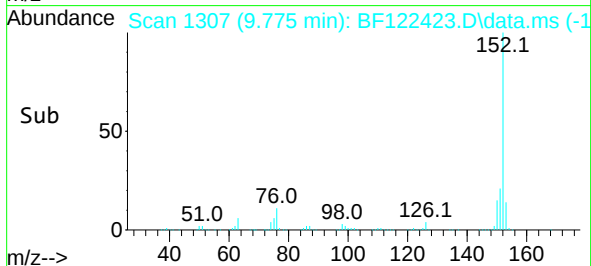
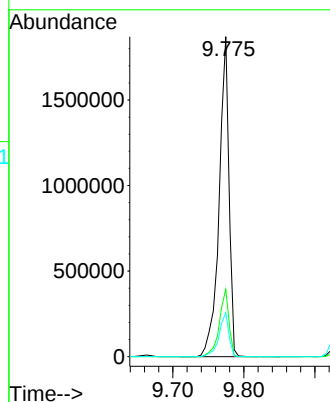
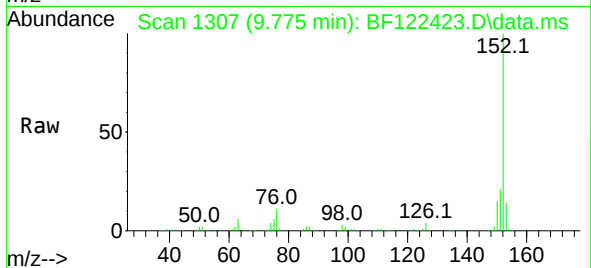
Tgt Ion:152 Resp: 1798419

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 13.7 10.6 15.8



#50

Dimethylphthalate

Concen: 35.62 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

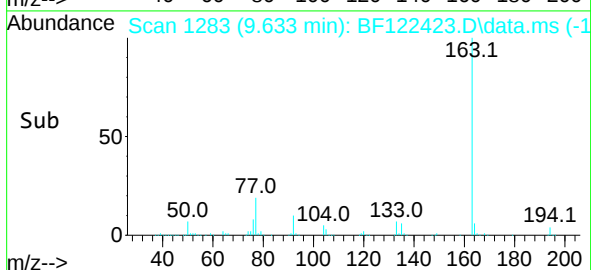
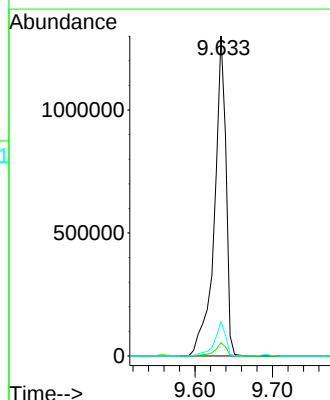
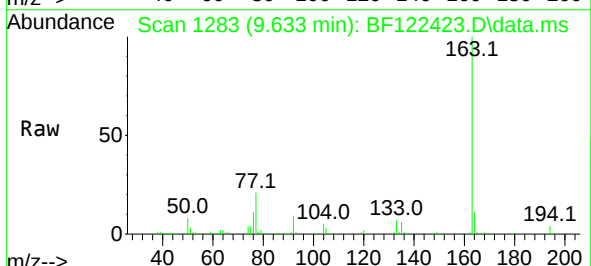
Tgt Ion:163 Resp: 1343366

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.2 12.4



Instrument :

BNA_F

ClientSampleId :

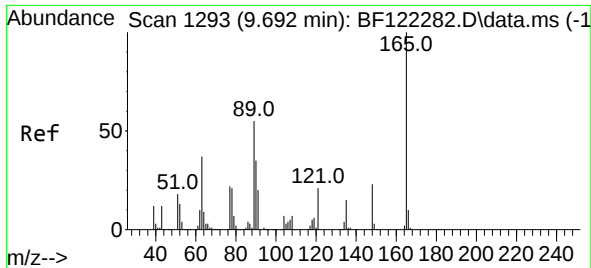
PB133139BS

Manual Integrations

APPROVED

mohammad

11/24/2020 9:02:19 AM



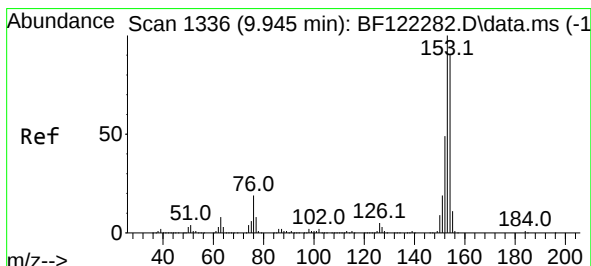
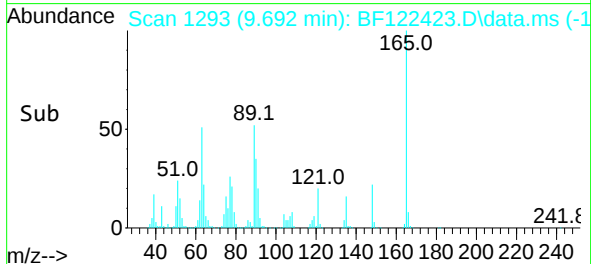
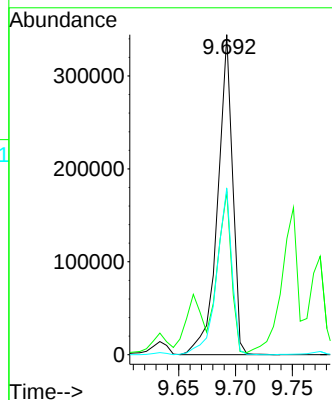
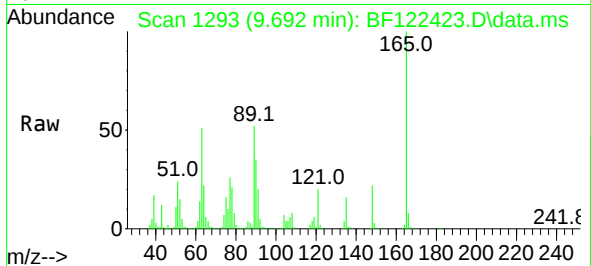
#51
2,6-Dinitrotoluene
Concen: 38.47 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:165 Resp: 315896
Ion Ratio Lower Upper
165 100
63 51.0 51.8 77.6#
89 52.0 49.0 73.6

Instrument :
BNA_F
ClientSampled :
PB133139BS

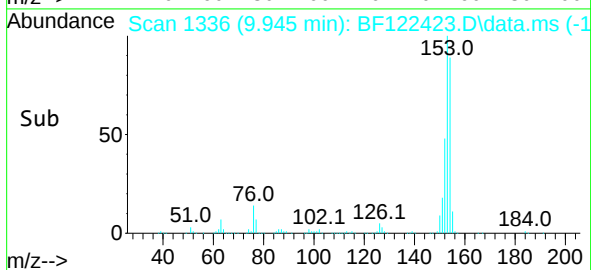
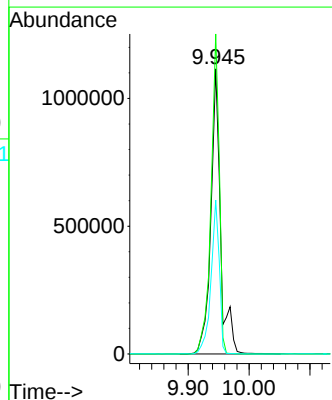
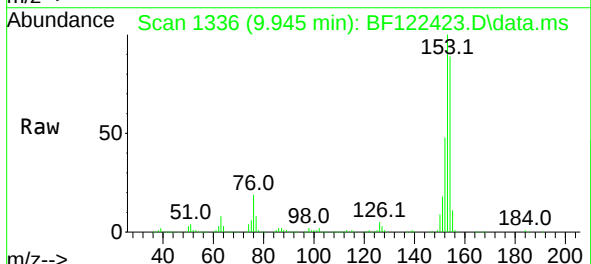
Manual Integrations
APPROVED

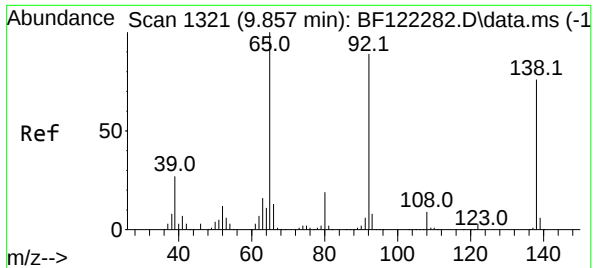
mohammad
11/24/2020 9:02:19 AM



#52
Acenaphthene
Concen: 39.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:154 Resp: 1243464
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.8
152 54.0 43.2 64.8





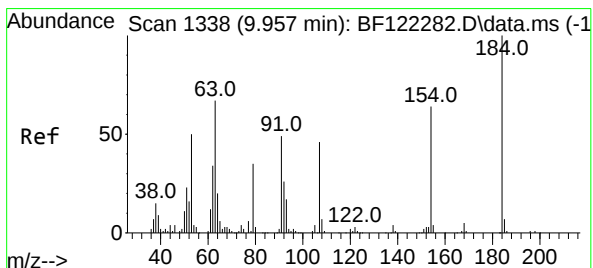
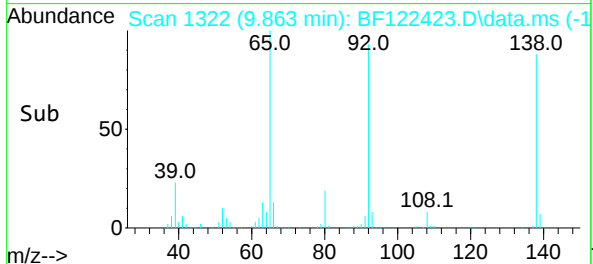
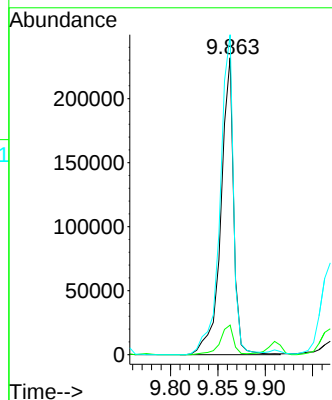
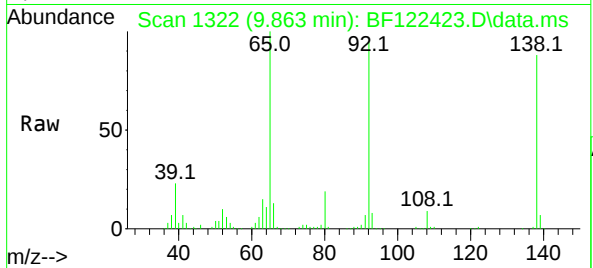
#53
3-Nitroaniline
Concen: 24.69 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:138 Resp: 218172
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 107.8 96.6 144.8

Instrument :
BNA_F
ClientSampleId :
PB133139BS

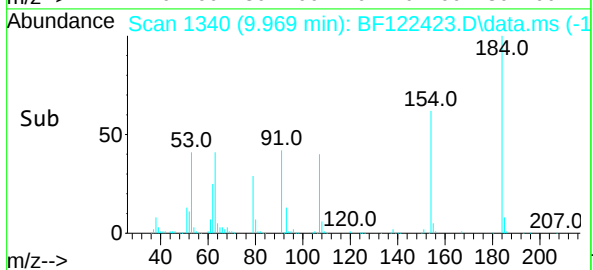
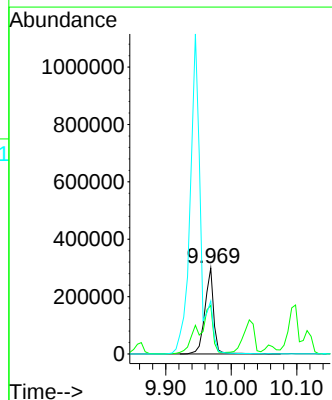
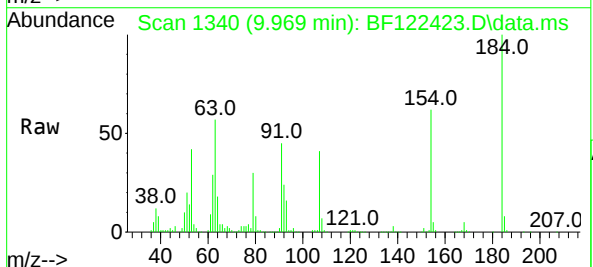
Manual Integrations
APPROVED

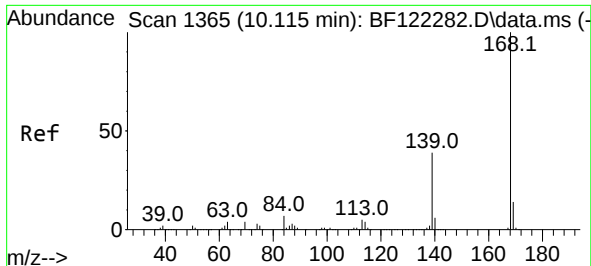
mohammad
11/24/2020 9:02:19 AM



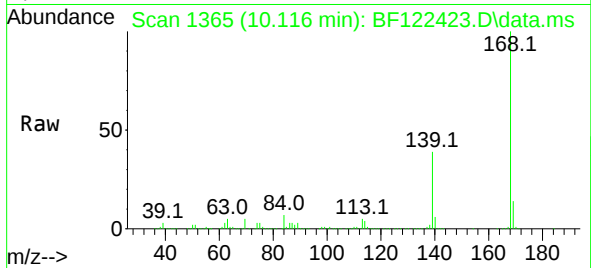
#54
2,4-Dinitrophenol
Concen: 80.03 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:184 Resp: 281362
Ion Ratio Lower Upper
184 100
63 56.7 45.9 68.9
154 61.6 45.8 68.6

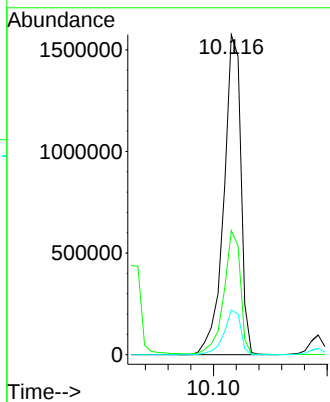
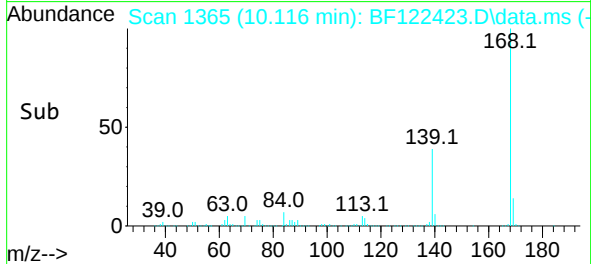




#55
Dibenzofuran
Concen: 35.16 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



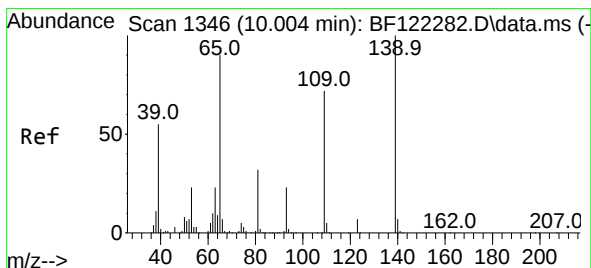
Tgt Ion:168 Resp: 1642583
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 14.0 11.3 16.9



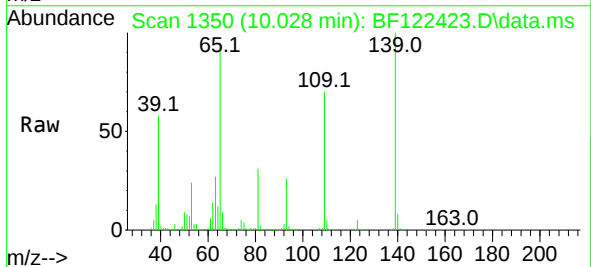
Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

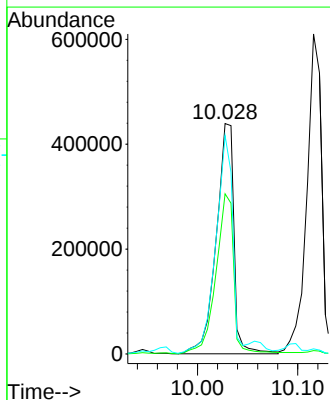
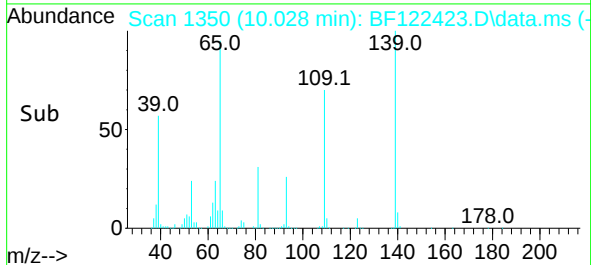
mohammad
11/24/2020 9:02:19 AM

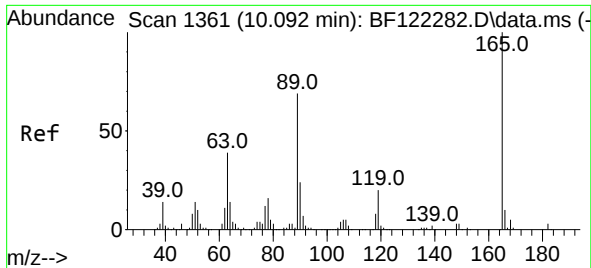


#56
4-Nitrophenol
Concen: 66.61 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



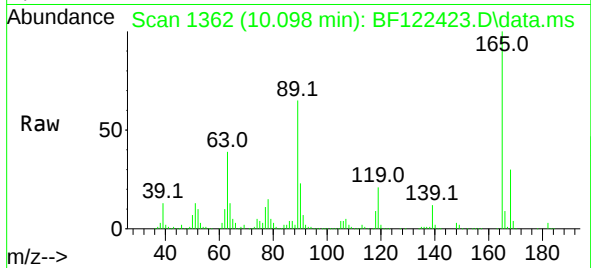
Tgt Ion:139 Resp: 539869
Ion Ratio Lower Upper
139 100
109 69.5 45.4 85.4
65 94.8 68.4 108.4





#57
2,4-Dinitrotoluene
Concen: 40.66 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

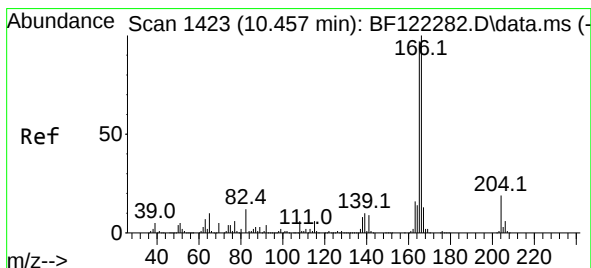
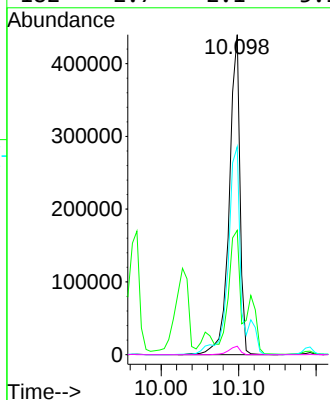
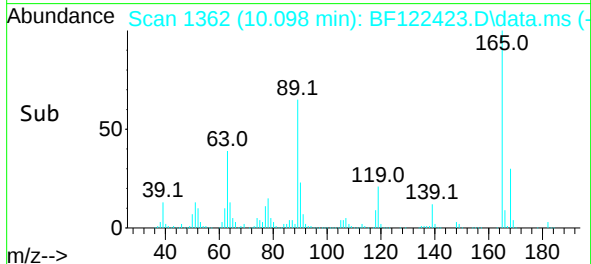
Instrument :
BNA_F
ClientSampleId :
PB133139BS



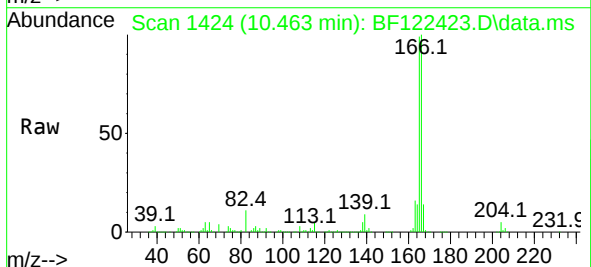
Tgt Ion:165 Resp: 421531
Ion Ratio Lower Upper
165 100
63 38.8 41.3 61.9#
89 65.0 61.8 92.8
182 2.7 2.1 3.1

Manual Integrations
APPROVED

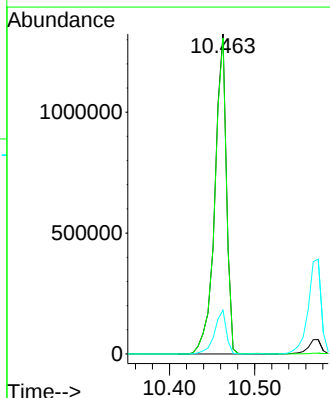
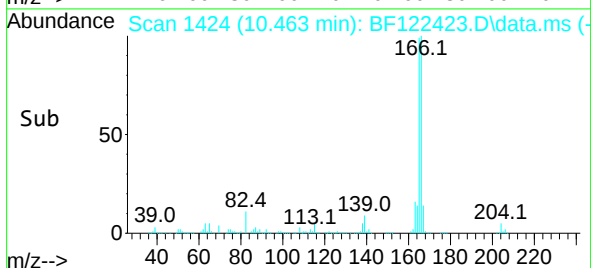
mohammad
11/24/2020 9:02:19 AM

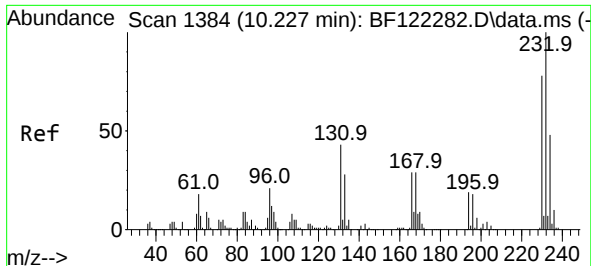


#58
Fluorene
Concen: 35.03 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

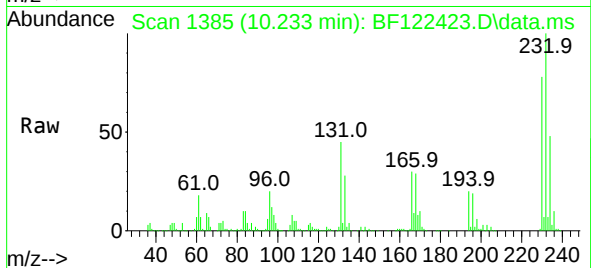


Tgt Ion:166 Resp: 1252941
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.7 11.0 16.6

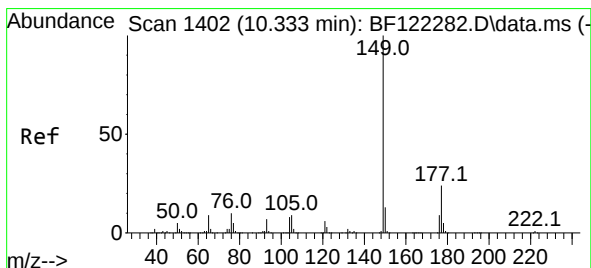
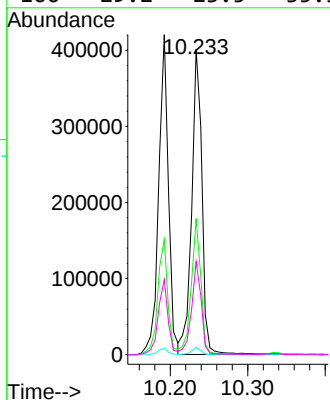
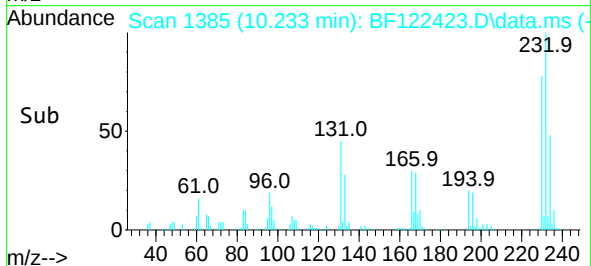




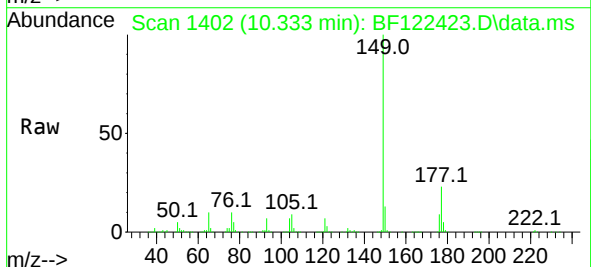
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.79 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



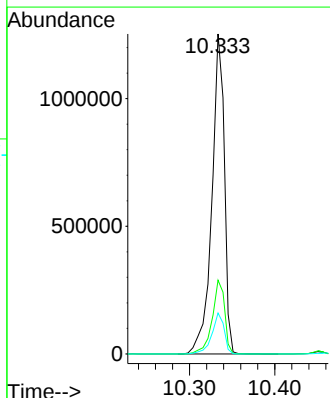
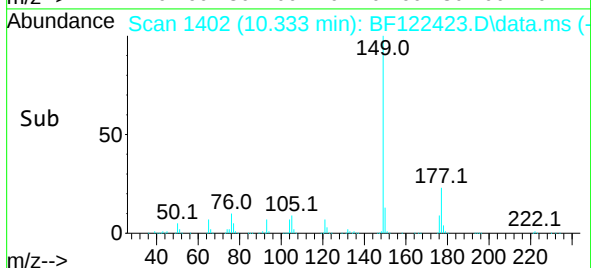
Tgt Ion:232 Resp: 368276
Ion Ratio Lower Upper
232 100
131 41.7 35.9 53.9
130 2.2 1.8 2.6
166 29.2 23.5 35.3



#60
Diethylphthalate
Concen: 34.51 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



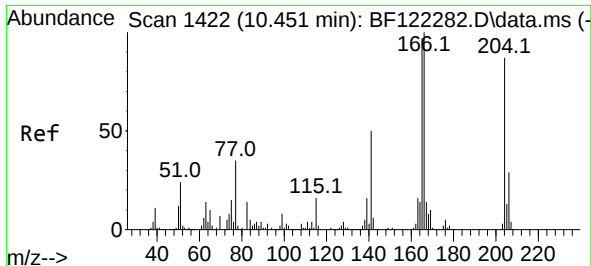
Tgt Ion:149 Resp: 1276604
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.8 10.3 15.5



Instrument :
BNA_F
ClientSampleId :
PB133139BS

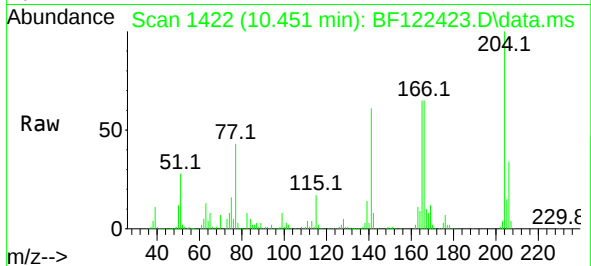
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#61
4-Chlorophenyl-phenylether
Concen: 35.57 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

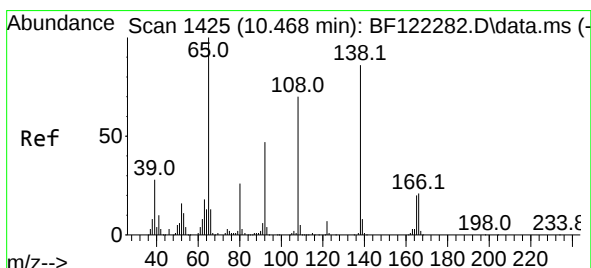
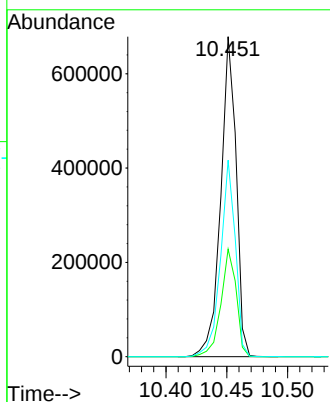
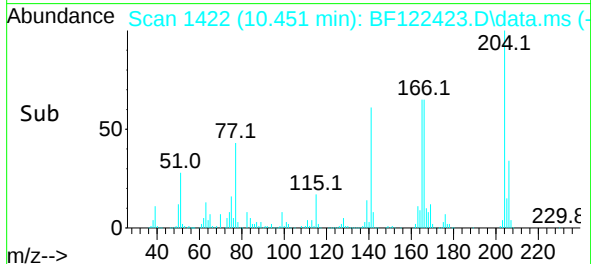
Instrument :
BNA_F
ClientSampled :
PB133139BS



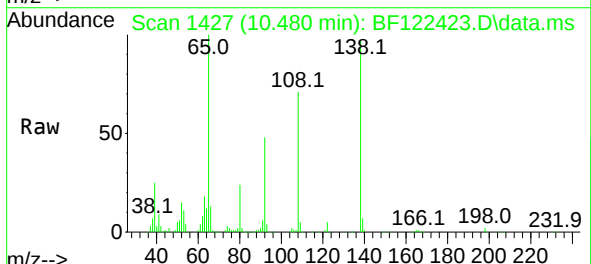
Tgt Ion:204 Resp: 600661
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 61.4 46.2 69.4

Manual Integrations
APPROVED

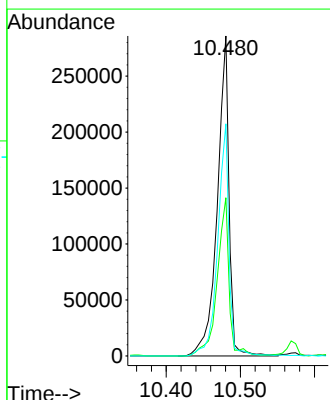
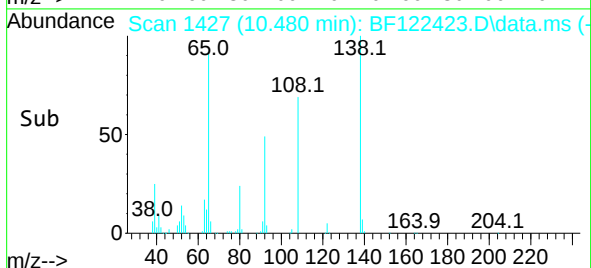
mohammad
11/24/2020 9:02:19 AM

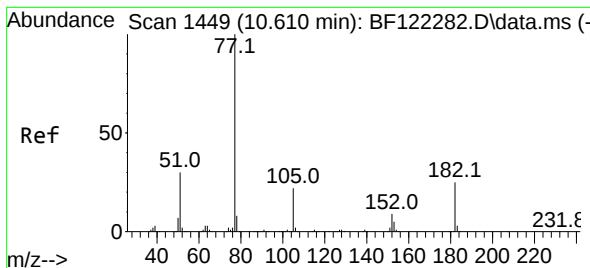


#62
4-Nitroaniline
Concen: 34.77 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



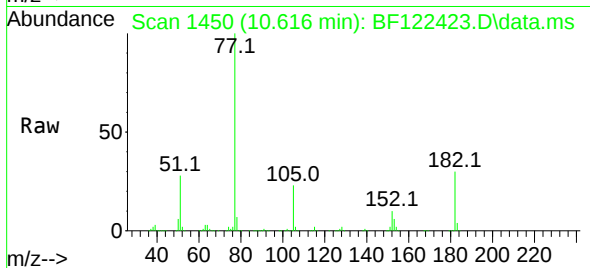
Tgt Ion:138 Resp: 315800
Ion Ratio Lower Upper
138 100
92 49.5 31.0 71.0
108 72.5 51.5 91.5





#63
Azobenzene
Concen: 32.26 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

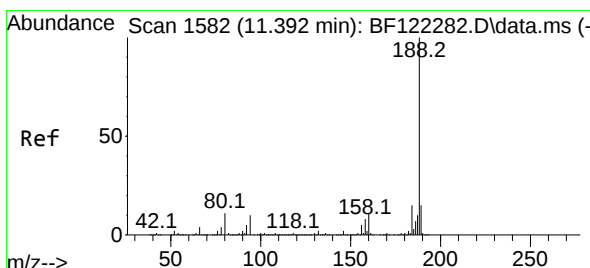
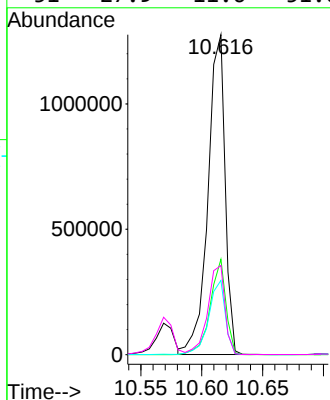
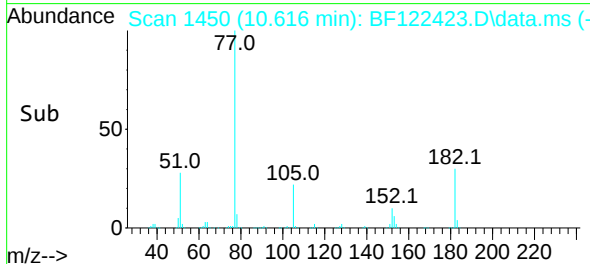
Instrument :
BNA_F
ClientSampleId :
PB133139BS



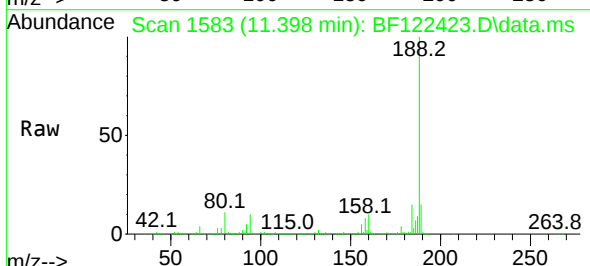
Tgt Ion: 77 Resp: 1251914
Ion Ratio Lower Upper
77 100
182 29.8 3.4 43.4
105 23.2 1.7 41.7
51 27.9 11.6 51.6

Manual Integrations
APPROVED

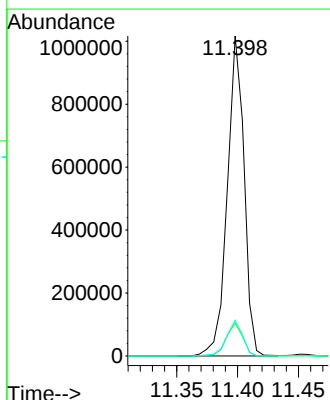
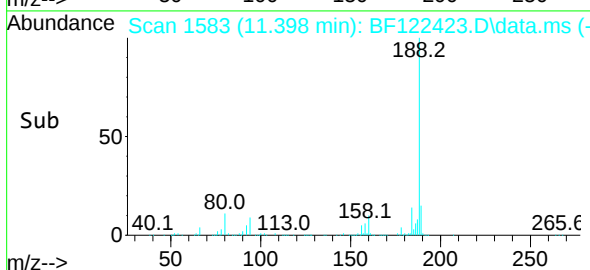
mohammad
11/24/2020 9:02:19 AM

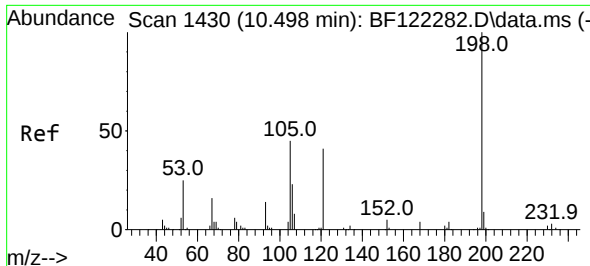


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



Tgt Ion: 188 Resp: 977482
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.2 9.1 13.7





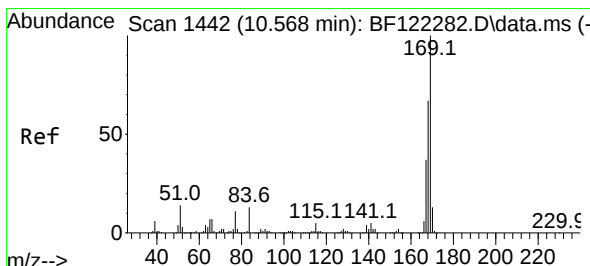
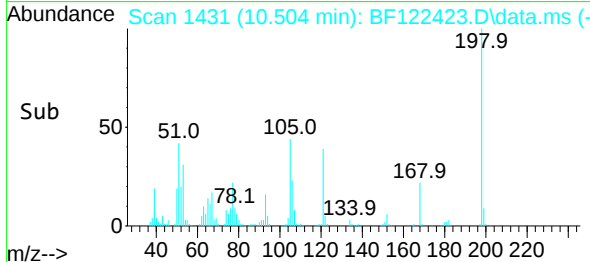
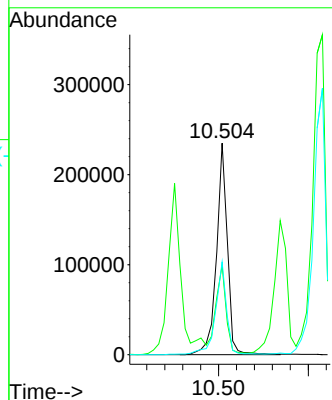
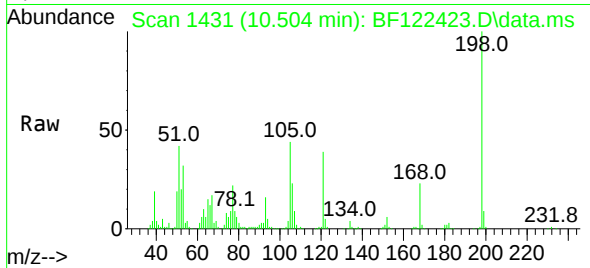
#65
4,6-Dinitro-2-methylphenol
Concen: 47.68 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:198 Resp: 198459
Ion Ratio Lower Upper
198 100
51 42.3 29.6 69.6
105 43.9 24.4 64.4

Instrument :
BNA_F
ClientSampleId :
PB133139BS

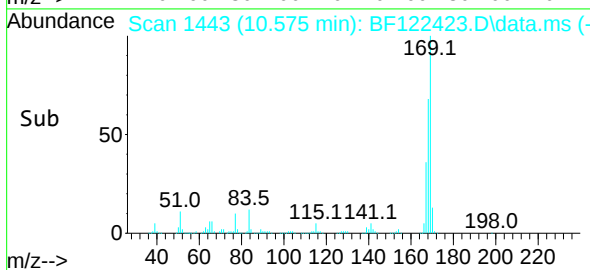
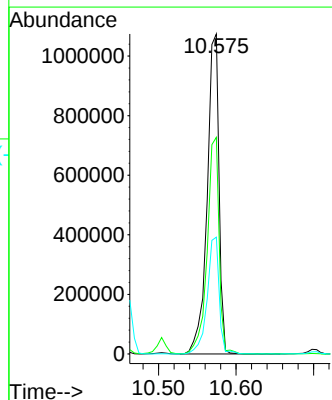
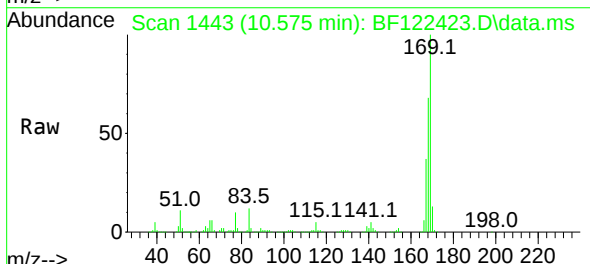
Manual Integrations
APPROVED

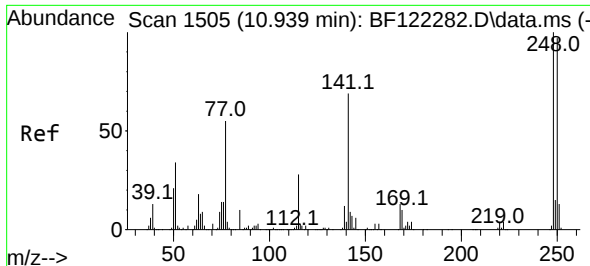
mohammad
11/24/2020 9:02:19 AM



#66
n-Nitrosodiphenylamine
Concen: 34.29 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:169 Resp: 1141986
Ion Ratio Lower Upper
169 100
168 67.7 50.0 75.0
167 36.5 27.8 41.6





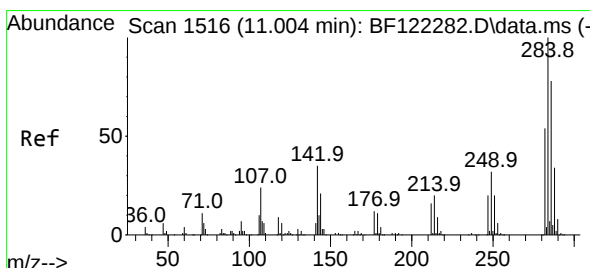
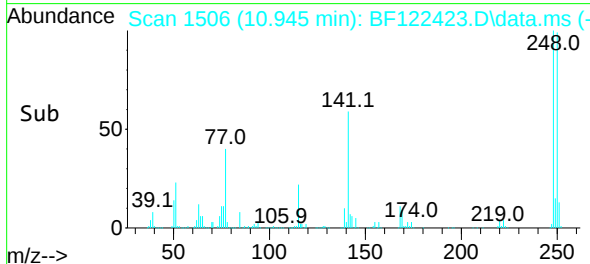
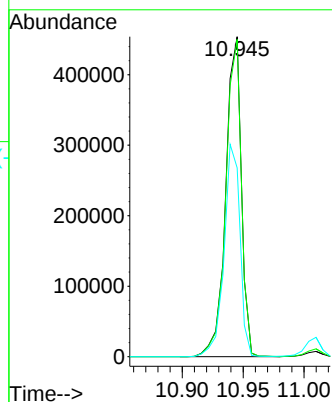
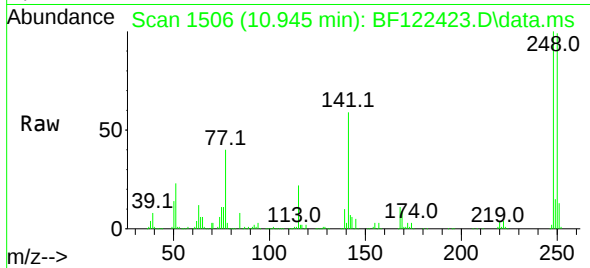
#67
4-Bromophenyl-phenylether
Concen: 35.42 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Instrument :
BNA_F
ClientSampleId :
PB133139BS

Tgt Ion:248 Resp: 406798
Ion Ratio Lower Upper
248 100
250 99.2 77.0 115.6
141 59.0 53.7 80.5

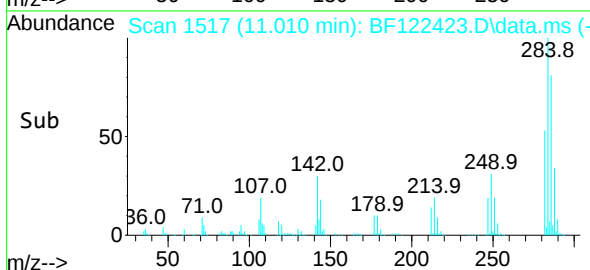
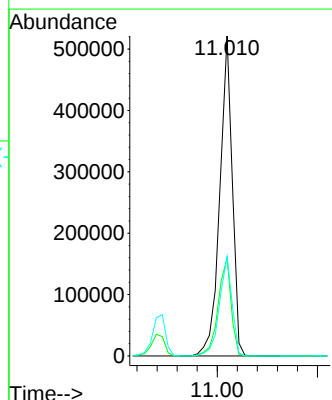
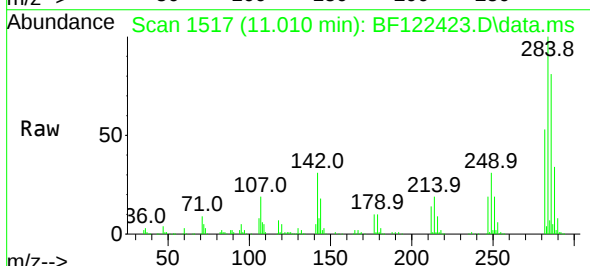
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#68
Hexachlorobenzene
Concen: 36.30 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:284 Resp: 450467
Ion Ratio Lower Upper
284 100
142 30.6 27.4 41.2
249 31.1 24.2 36.4





#69

Atrazine

Concen: 37.33 ng

RT: 11.098 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

Tgt Ion:200 Resp: 309659

Ion Ratio Lower Upper

200 100

173 27.1 7.5 47.5

215 49.1 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

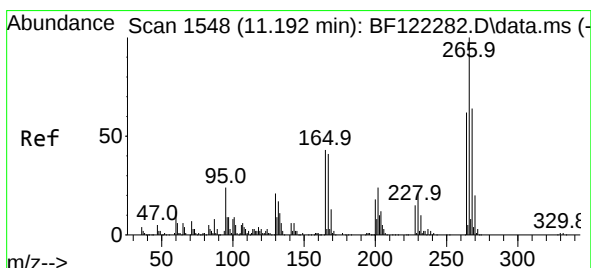
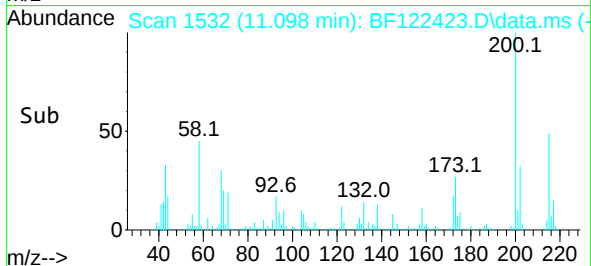
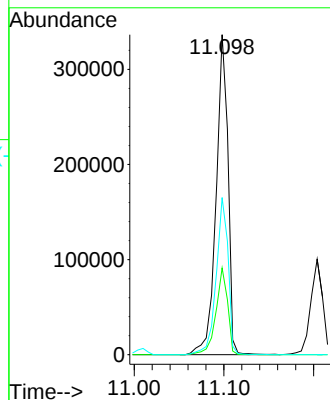
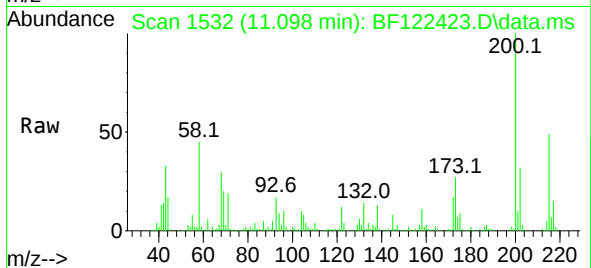
PB133139BS

Manual Integrations

APPROVED

mohammad

11/24/2020 9:02:19 AM



#70

Pentachlorophenol

Concen: 75.22 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF122423.D

Acq: 21 Nov 2020 16:12

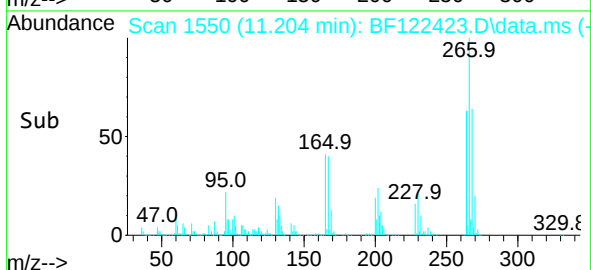
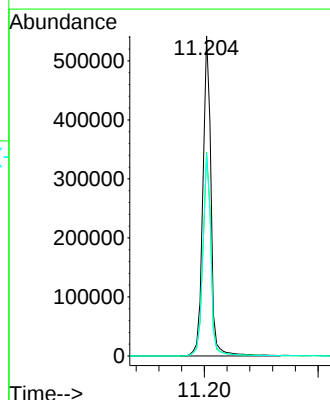
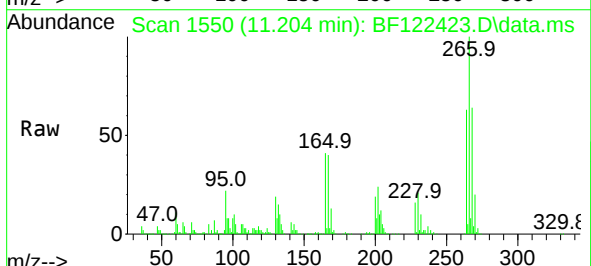
Tgt Ion:266 Resp: 537831

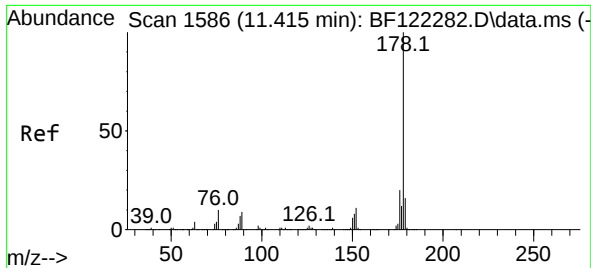
Ion Ratio Lower Upper

266 100

268 63.6 52.4 78.6

264 63.3 49.9 74.9





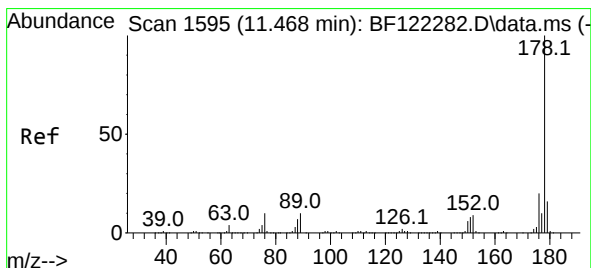
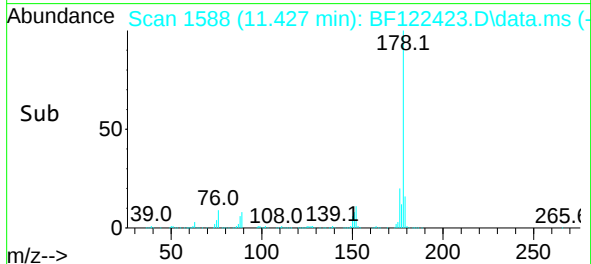
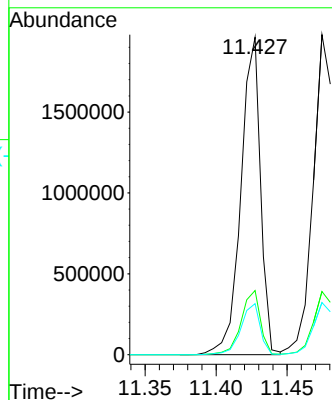
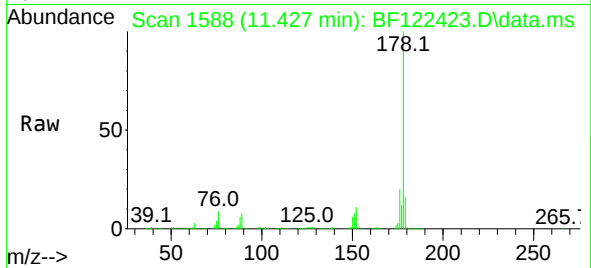
#71
Phenanthrene
Concen: 34.11 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:178 Resp: 1891791
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.1 12.2 18.4

Instrument :
BNA_F
ClientSampleId :
PB133139BS

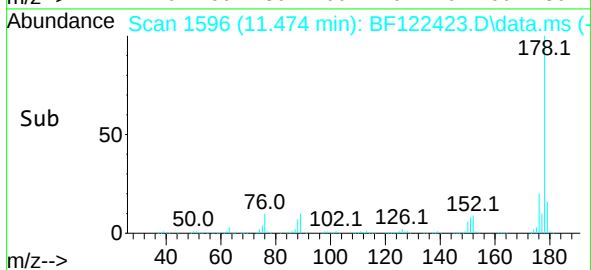
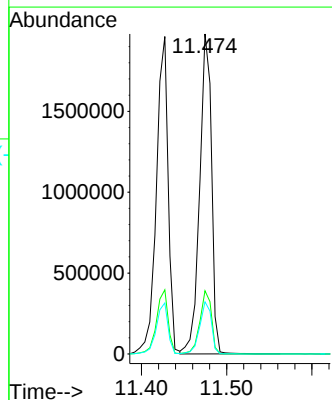
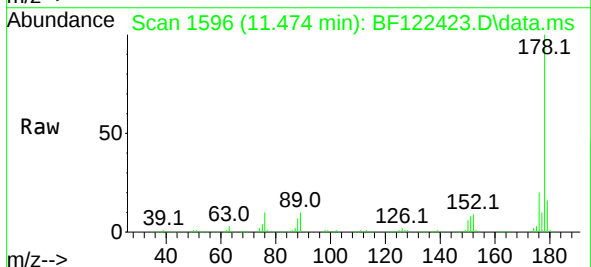
Manual Integrations
APPROVED

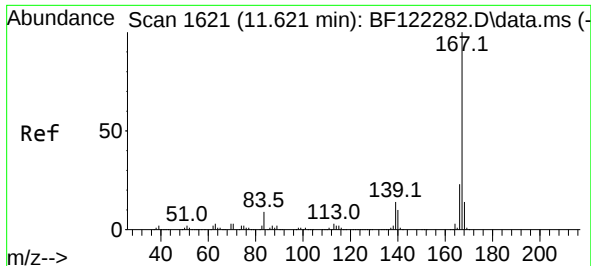
mohammad
11/24/2020 9:02:19 AM



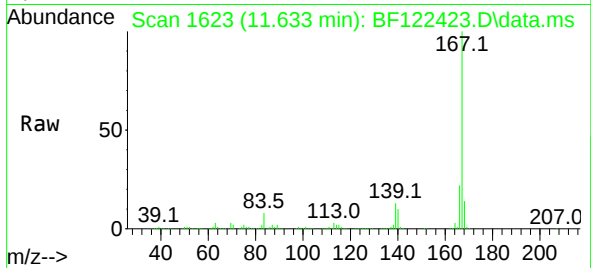
#72
Anthracene
Concen: 33.55 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:178 Resp: 1917559
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.3 12.7 19.1

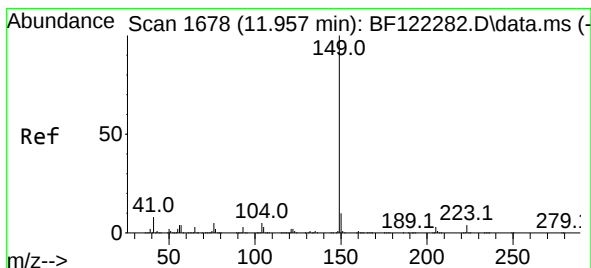
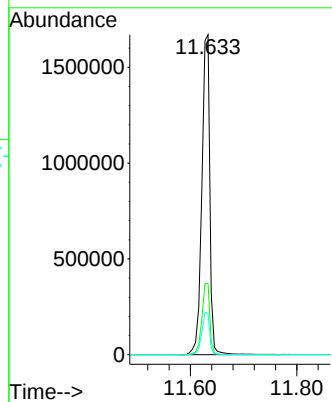
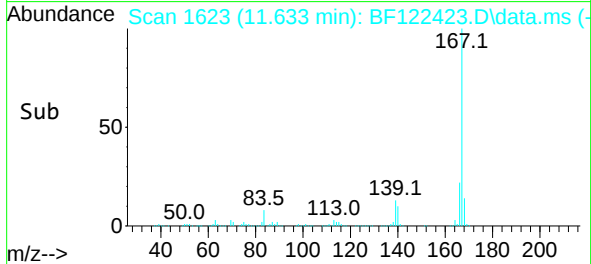




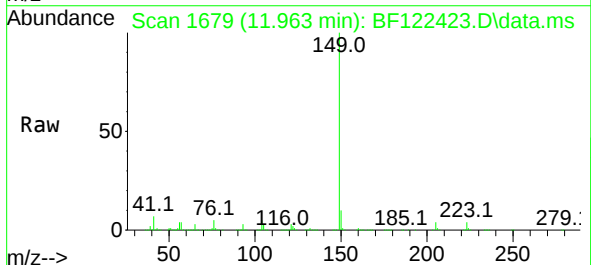
#73
Carbazole
Concen: 33.61 ng
RT: 11.633 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



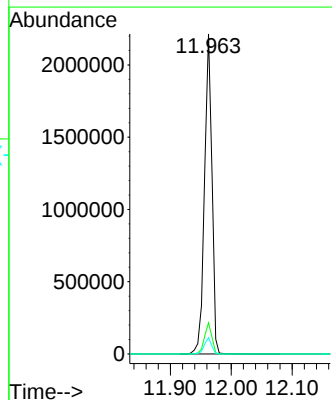
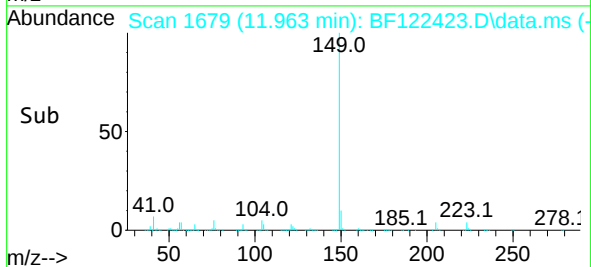
Tgt Ion:167 Resp: 1747880
Ion Ratio Lower Upper
167 100
166 22.3 17.8 26.6
139 12.8 10.8 16.2



#74
Di-n-butylphthalate
Concen: 33.89 ng
RT: 11.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



Tgt Ion:149 Resp: 1878630
Ion Ratio Lower Upper
149 100
150 9.8 7.7 11.5
104 5.1 4.2 6.2



Instrument :
BNA_F
ClientSampleId :
PB133139BS

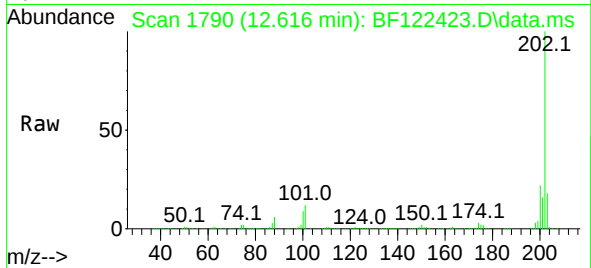
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#75
Fluoranthene
Concen: 34.37 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

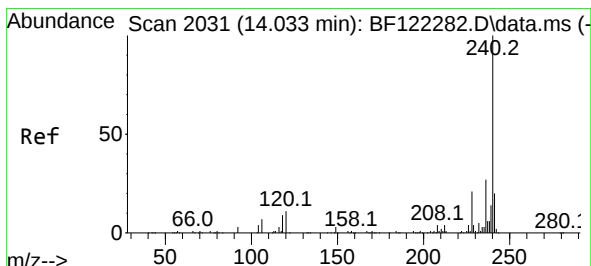
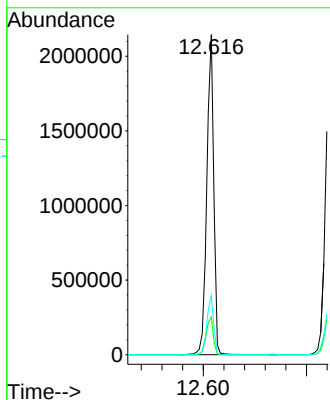
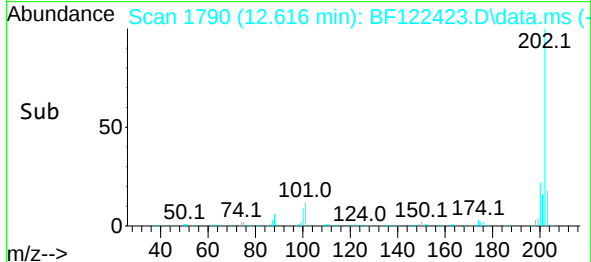
Instrument :
BNA_F
ClientSampleId :
PB133139BS



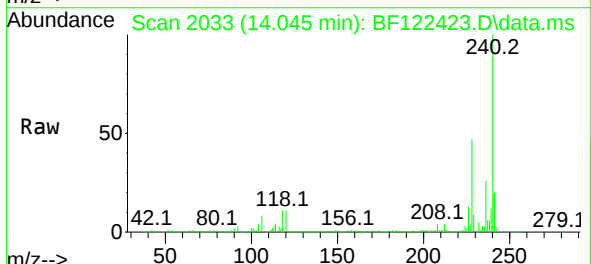
Tgt Ion:202 Resp: 1989991
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.4
203 18.4 0.0 37.9

Manual Integrations
APPROVED

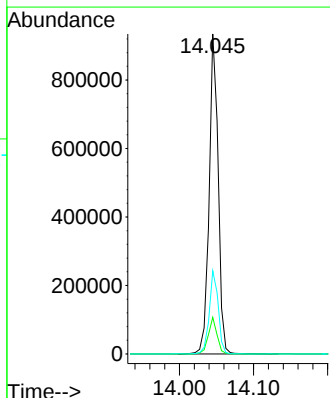
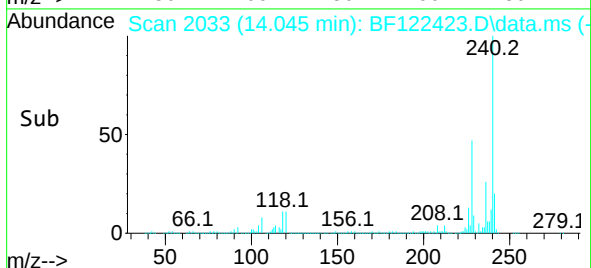
mohammad
11/24/2020 9:02:19 AM

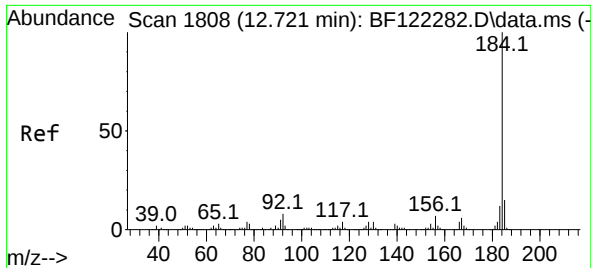


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

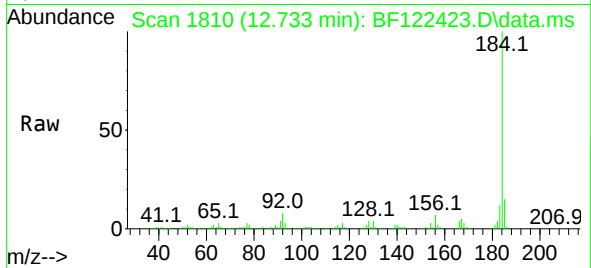


Tgt Ion:240 Resp: 791078
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3

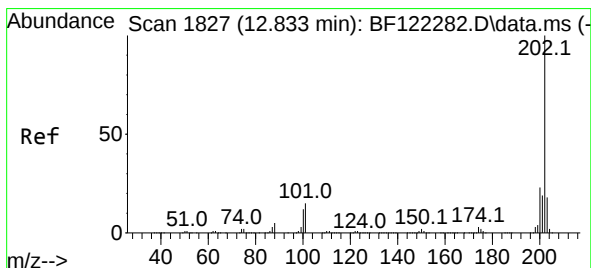
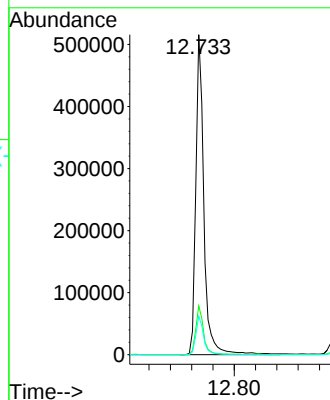
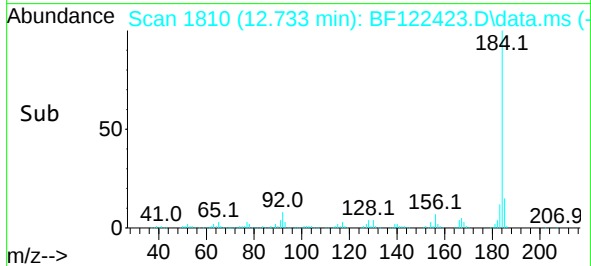




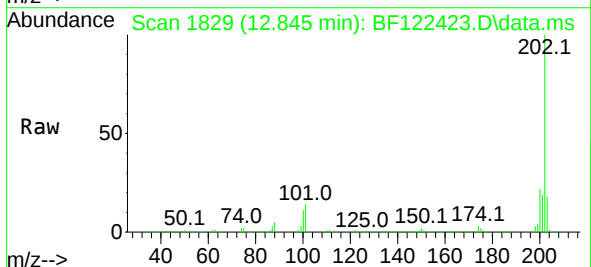
#77
Benzidine
Concen: 24.88 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



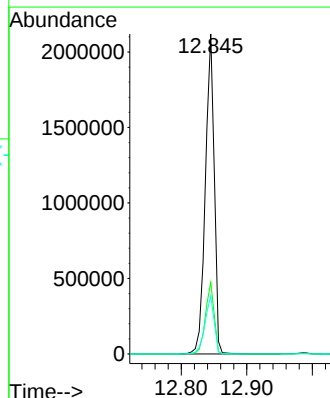
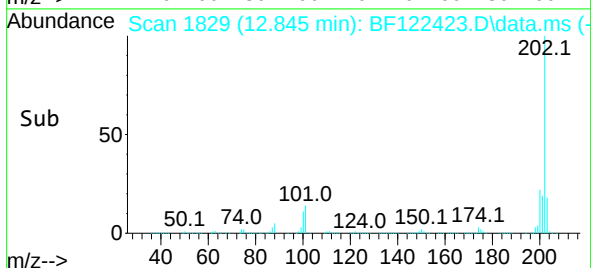
Tgt Ion:184 Resp: 545982
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 12.1 9.4 14.0



#78
Pyrene
Concen: 36.05 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



Tgt Ion:202 Resp: 2003530
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.2 14.6 21.8



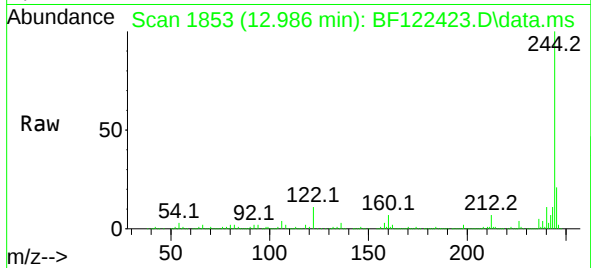
Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

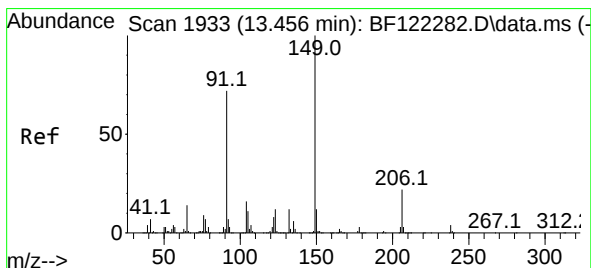
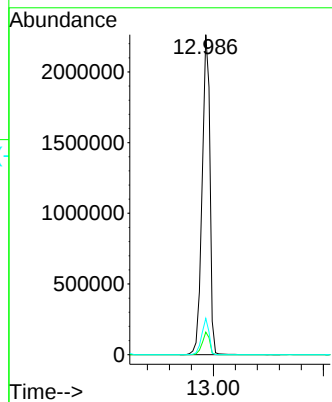
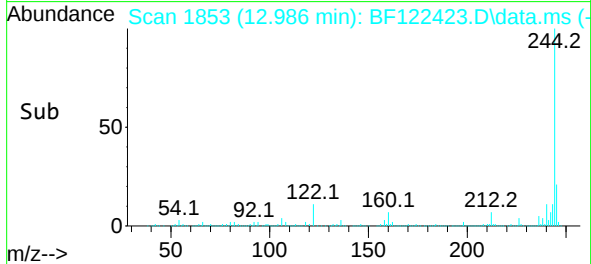
mohammad
11/24/2020 9:02:19 AM



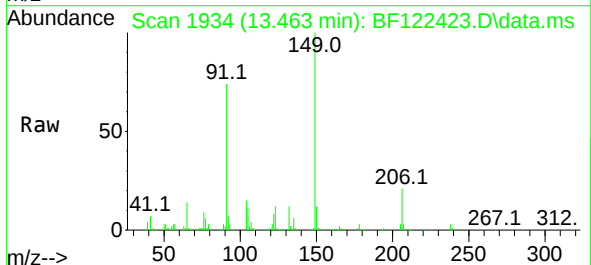
#79
 Terphenyl-d14
 Concen: 59.98 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF122423.D
 Acq: 21 Nov 2020 16:12



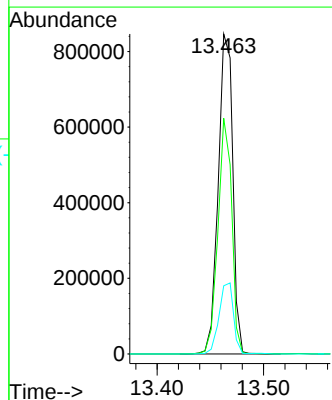
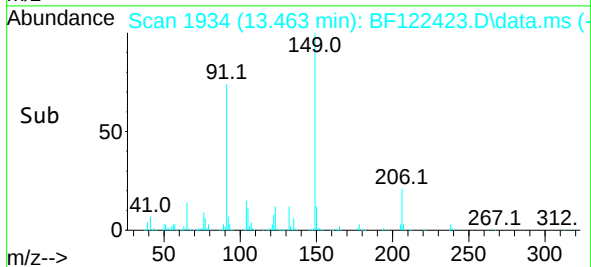
Tgt Ion:244 Resp: 2239900
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 36.60 ng
 RT: 13.463 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF122423.D
 Acq: 21 Nov 2020 16:12



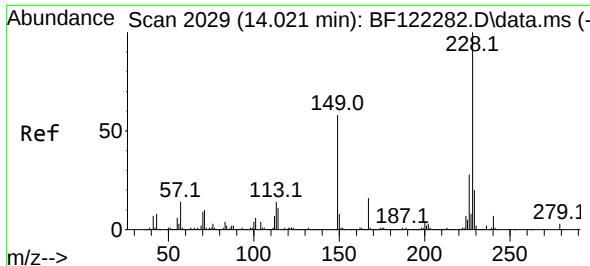
Tgt Ion:149 Resp: 796956
 Ion Ratio Lower Upper
 149 100
 91 73.7 61.0 91.4
 206 21.3 16.7 25.1



Instrument :
 BNA_F
 ClientSampleId :
 PB133139BS

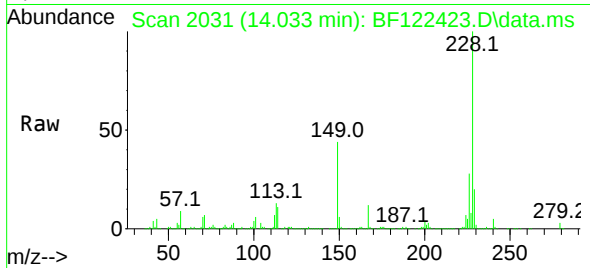
Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:02:19 AM



#81
Benzo(a)anthracene
Concen: 34.50 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

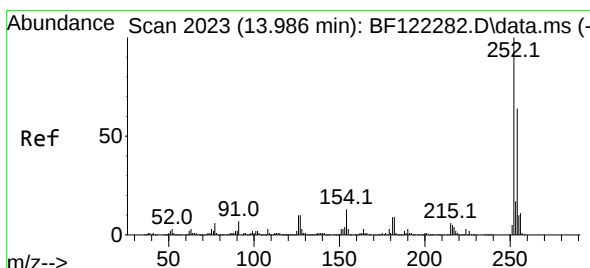
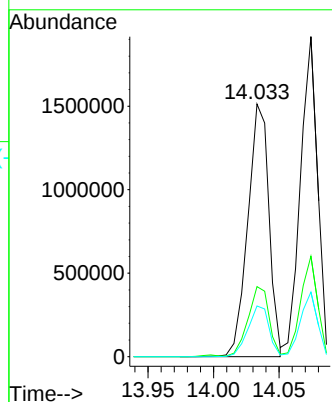
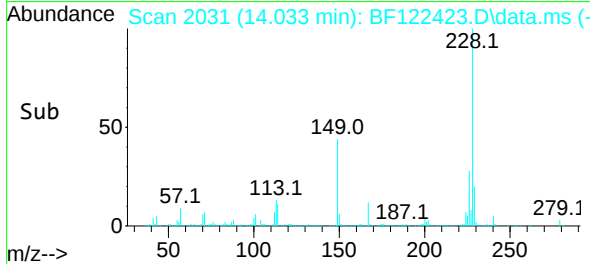
Instrument :
BNA_F
ClientSampleId :
PB133139BS



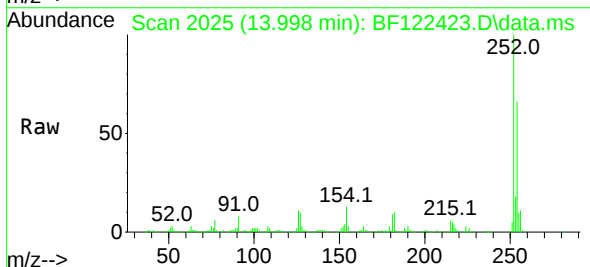
Tgt Ion:228 Resp: 1697515
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.1 16.2 24.4

Manual Integrations
APPROVED

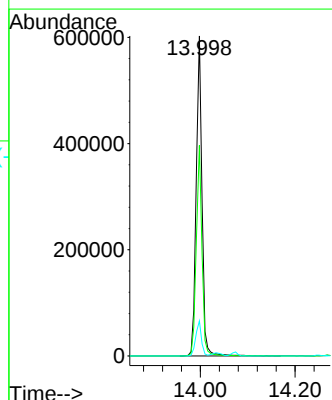
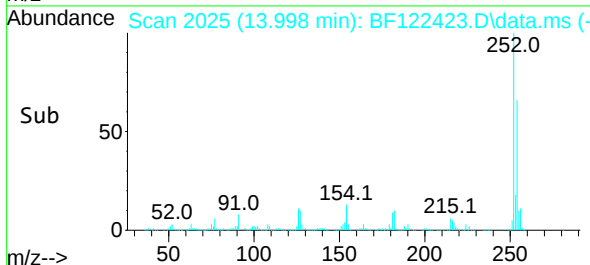
mohammad
11/24/2020 9:02:19 AM

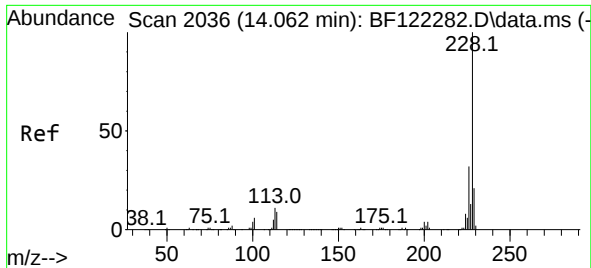


#82
3,3'-Dichlorobenzidine
Concen: 28.15 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

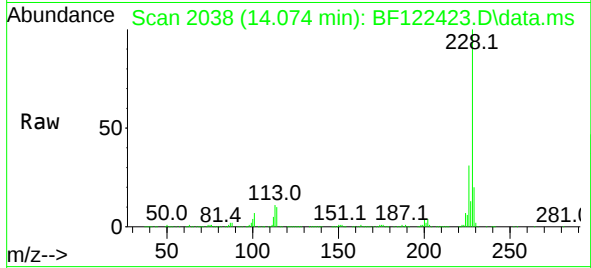


Tgt Ion:252 Resp: 516113
Ion Ratio Lower Upper
252 100
254 65.8 51.8 77.6
126 10.9 8.8 13.2

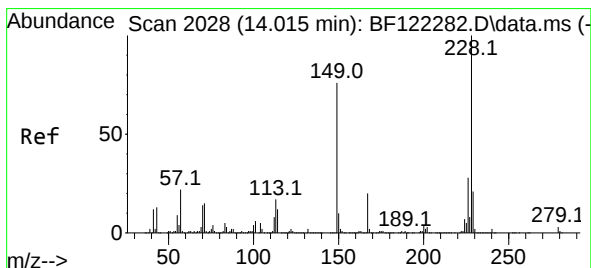
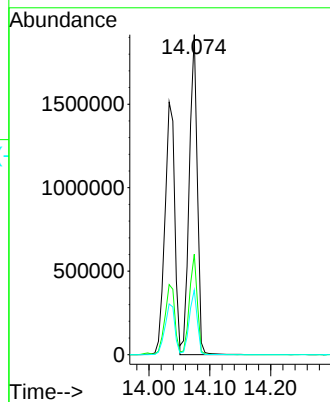
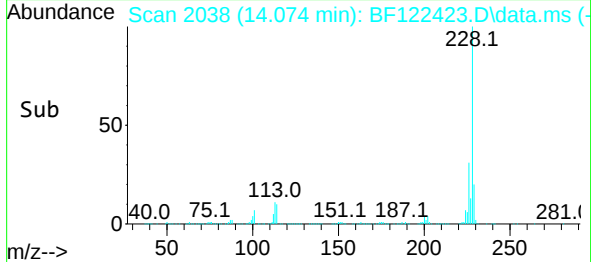




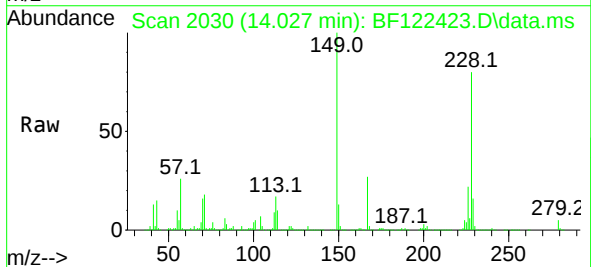
#83
Chrysene
Concen: 35.34 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



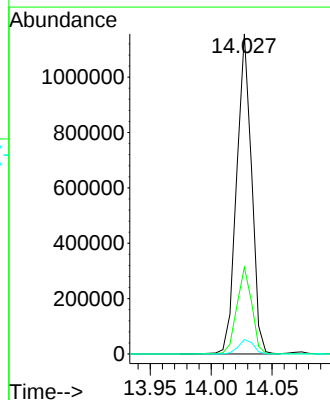
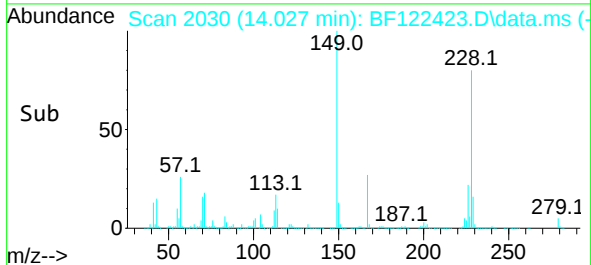
Tgt Ion:228 Resp: 1751012
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 20.2 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.65 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



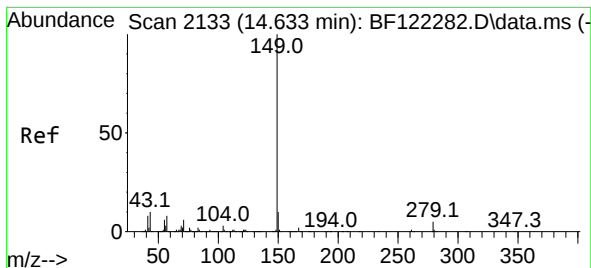
Tgt Ion:149 Resp: 982221
Ion Ratio Lower Upper
149 100
167 27.1 20.9 31.3
279 4.5 3.2 4.8



Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



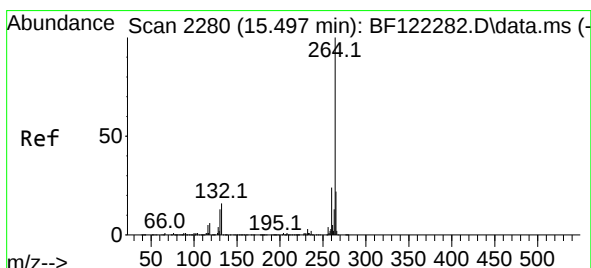
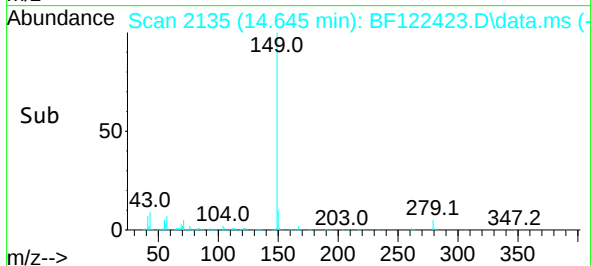
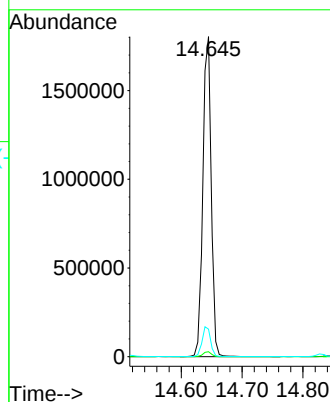
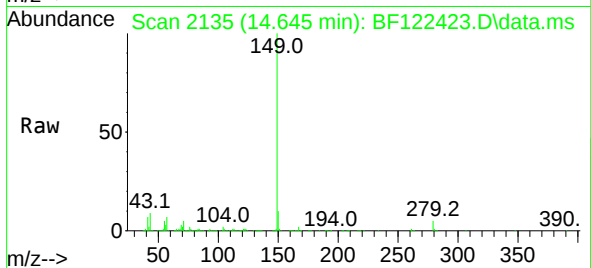
#85
Di-n-octyl phthalate
Concen: 37.99 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:149 Resp: 1725532
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.4 9.0 13.6

Instrument :
BNA_F
ClientSampleId :
PB133139BS

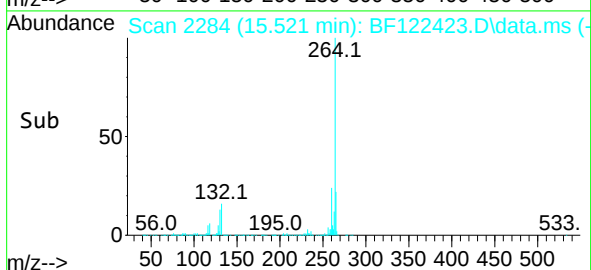
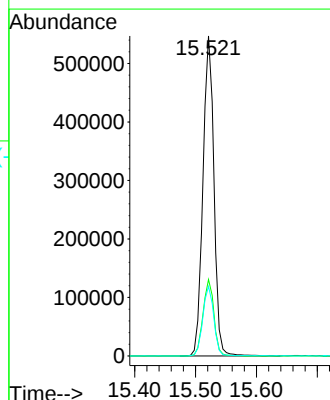
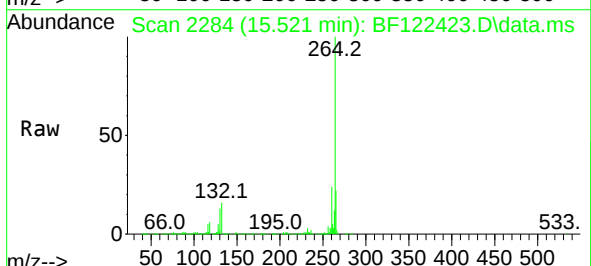
Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

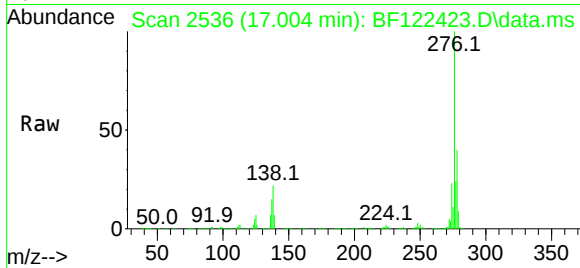
Tgt Ion:264 Resp: 687583
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.57 ng
RT: 17.004 min Scan# 2536
Delta R.T. -0.018 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

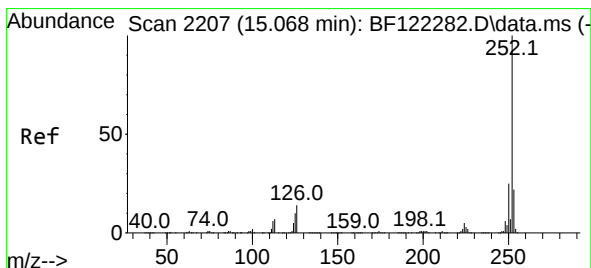
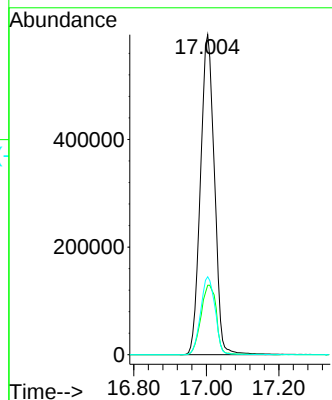
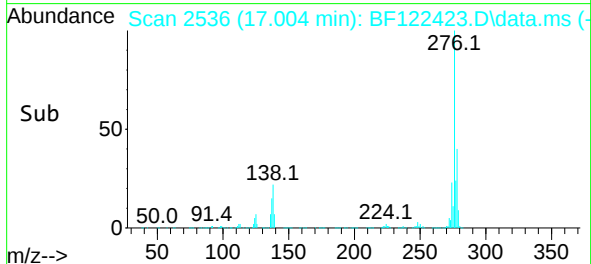
Instrument :
BNA_F
ClientSampleId :
PB133139BS



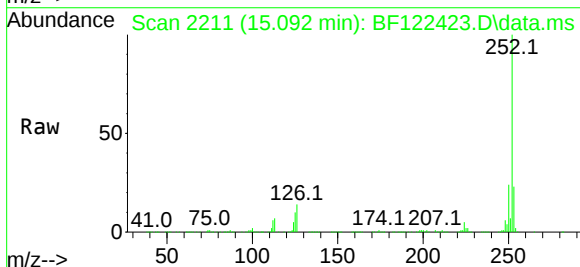
Tgt Ion:276 Resp: 1591320
Ion Ratio Lower Upper
276 100
138 23.9 19.9 29.9
277 25.2 20.4 30.6

Manual Integrations
APPROVED

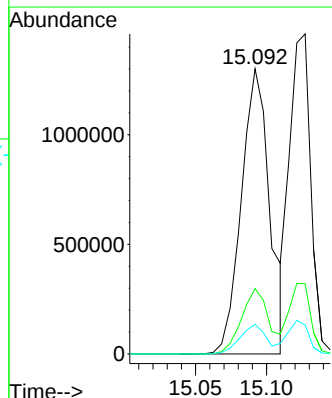
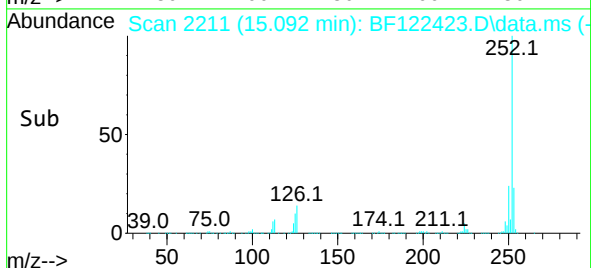
mohammad
11/24/2020 9:02:19 AM

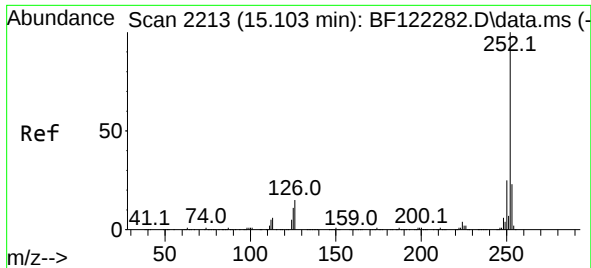


#88
Benzo(b)fluoranthene
Concen: 40.65 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12



Tgt Ion:252 Resp: 1810336
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.4 8.0 12.0





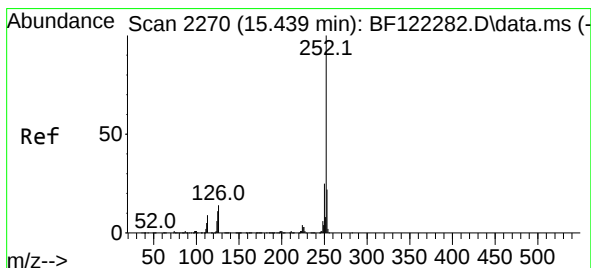
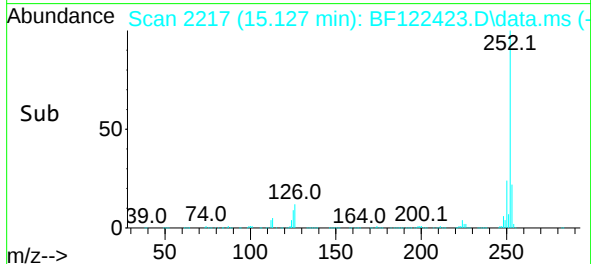
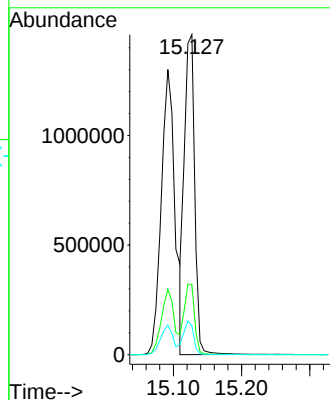
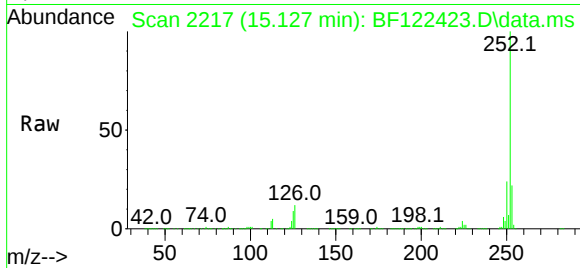
#89
Benzo(k)fluoranthene
Concen: 35.31 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:252 Resp: 1533263
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.0 7.7 11.5

Instrument :
BNA_F
ClientSampleId :
PB133139BS

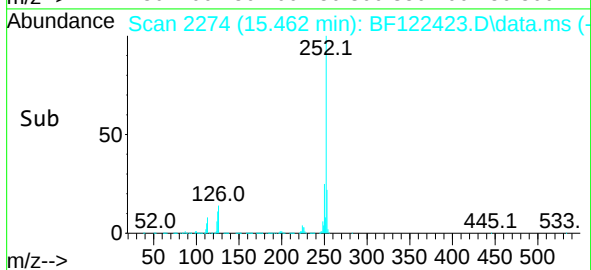
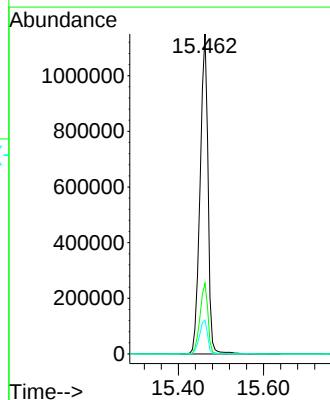
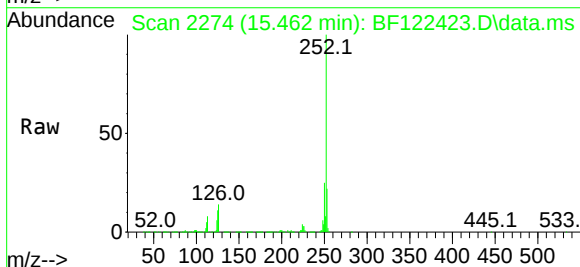
Manual Integrations
APPROVED

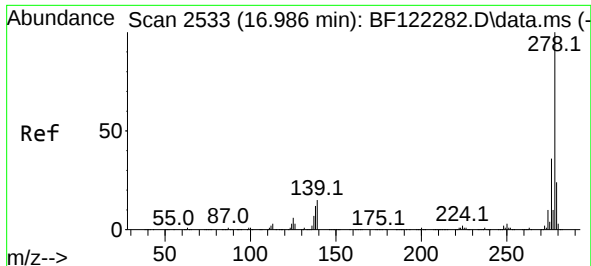
mohammad
11/24/2020 9:02:19 AM



#90
Benzo(a)pyrene
Concen: 38.13 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.012 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:252 Resp: 1480369
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.6 8.6 13.0





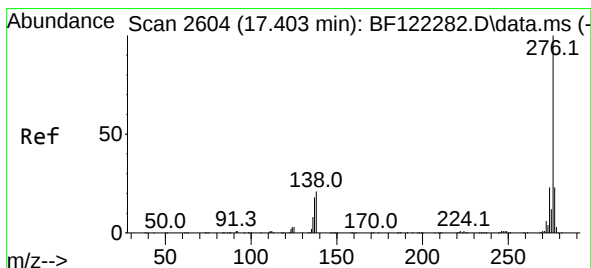
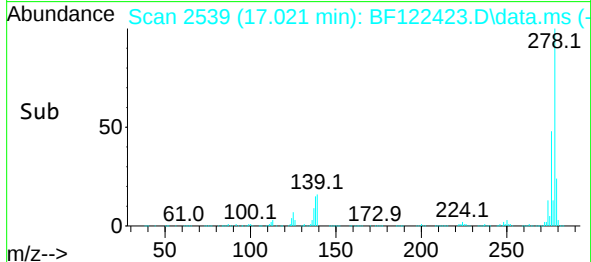
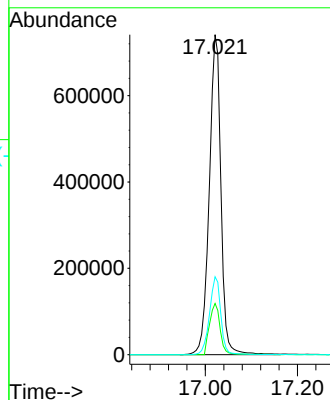
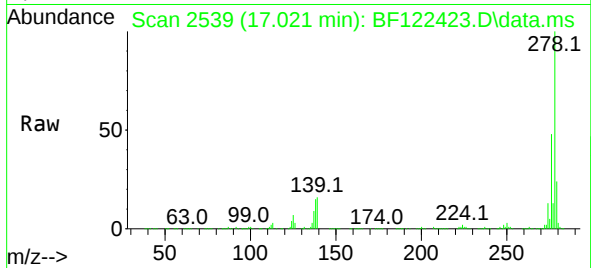
#91
Dibenzo(a,h)anthracene
Concen: 37.80 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.018 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:278 Resp: 1306271
Ion Ratio Lower Upper
278 100
139 16.0 13.0 19.4
279 24.3 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations
APPROVED

mohammad
11/24/2020 9:02:19 AM



#92
Benzo(g,h,i)perylene
Concen: 38.67 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.018 min
Lab File: BF122423.D
Acq: 21 Nov 2020 16:12

Tgt Ion:276 Resp: 1299681
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 20.6 17.8 26.6

