

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124131.D
 Acq On : 4 Jun 2021 10:22
 Operator : JU/CG
 Sample : PB136792BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136792BS

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:08 PM

Quant Time: Jun 04 10:55:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	52018	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	198073	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	116428	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	205942	20.00	ng	0.00
76) Chrysene-d12	14.039	240	133114	20.00	ng	0.00
86) Perylene-d12	15.510	264	98810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	401187	116.10	ng	0.02
7) Phenol-d6	6.516	99	508907	109.56	ng	0.00
23) Nitrobenzene-d5	7.434	82	382166	76.52	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	187709	113.80	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	717127	77.51	ng	0.00
79) Terphenyl-d14	12.980	244	779193	80.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	51913	34.33	ng	95
3) Pyridine	3.493	79	125814	32.48	ng	91
4) n-Nitrosodimethylamine	3.457	42	94911	41.24	ng	95
6) Aniline	6.528	93	161985	30.53	ng	# 1
8) 2-Chlorophenol	6.657	128	159267	41.42	ng	94
9) Benzaldehyde	6.416	77	71765	34.76	ng	96
10) Phenol	6.528	94	200439	39.93	ng	# 69
11) bis(2-Chloroethyl)ether	6.604	93	153536	41.96	ng	89
12) 1,3-Dichlorobenzene	6.810	146	177225m	39.43	ng	
13) 1,4-Dichlorobenzene	6.887	146	183751	40.75	ng	94
14) 1,2-Dichlorobenzene	7.040	146	172684	40.04	ng	98
15) Benzyl Alcohol	7.016	79	157515	37.62	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.145	45	231270	40.51	ng	88
17) 2-Methylphenol	7.128	107	128538	41.12	ng	88
18) Hexachloroethane	7.381	117	71066	40.02	ng	# 87
19) n-Nitroso-di-n-propyla...	7.287	70	128086	39.06	ng	88
20) 3+4-Methylphenols	7.281	107	166567	40.22	ng	# 86
22) Acetophenone	7.275	105	236144	41.82	ng	# 94
24) Nitrobenzene	7.451	77	190037	37.93	ng	96
25) Isophorone	7.692	82	327930	36.44	ng	99
26) 2-Nitrophenol	7.769	139	87114	38.93	ng	# 88
27) 2,4-Dimethylphenol	7.810	122	139102	44.08	ng	93
28) bis(2-Chloroethoxy)met...	7.898	93	186143	41.72	ng	98
29) 2,4-Dichlorophenol	8.016	162	143492	39.30	ng	89
30) 1,2,4-Trichlorobenzene	8.092	180	160366	39.19	ng	96
31) Naphthalene	8.175	128	446629	37.72	ng	99
32) Benzoic acid	7.957	122	74336	38.39	ng	85
33) 4-Chloroaniline	8.216	127	45599	10.35	ng	99
34) Hexachlorobutadiene	8.287	225	107667	37.25	ng	98
35) Caprolactam	8.604	113	41170m	41.04	ng	
36) 4-Chloro-3-methylphenol	8.710	107	152965	38.29	ng	87
37) 2-Methylnaphthalene	8.863	142	326481	39.31	ng	99
38) 1-Methylnaphthalene	8.963	142	299807	38.63	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	175106	42.45	ng	97
41) Hexachlorocyclopentadiene	9.022	237	217549	95.57	ng	94
43) 2,4,6-Trichlorophenol	9.145	196	108085	40.17	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124131.D
 Acq On : 4 Jun 2021 10:22
 Operator : JU/CG
 Sample : PB136792BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136792BS

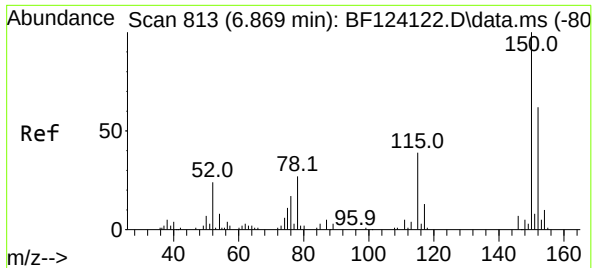
Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:08 PM

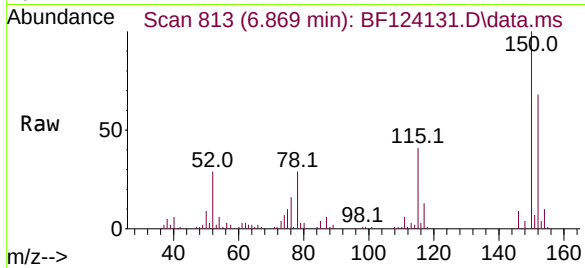
Quant Time: Jun 04 10:55:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	113953	39.46	ng	94
46) 1,1'-Biphenyl	9.328	154	414207	42.14	ng	97
47) 2-Chloronaphthalene	9.357	162	317261	39.66	ng	95
48) 2-Nitroaniline	9.451	65	110412	38.24	ng	98
49) Acenaphthylene	9.775	152	482477	41.49	ng	98
50) Dimethylphthalate	9.633	163	384982	39.97	ng	99
51) 2,6-Dinitrotoluene	9.692	165	85357	38.65	ng	97
52) Acenaphthene	9.945	154	288493	37.98	ng	92
53) 3-Nitroaniline	9.863	138	43381	20.99	ng	99
54) 2,4-Dinitrophenol	9.975	184	93450	82.64	ng	87
55) Dibenzofuran	10.116	168	459361	38.64	ng	99
56) 4-Nitrophenol	10.039	139	121925	82.53	ng	# 83
57) 2,4-Dinitrotoluene	10.098	165	114920	39.45	ng	# 94
58) Fluorene	10.457	166	361481	39.62	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	96186	41.10	ng	# 90
60) Diethylphthalate	10.333	149	387789	39.89	ng	95
61) 4-Chlorophenyl-phenyle...	10.445	204	183458	39.32	ng	95
62) 4-Nitroaniline	10.486	138	77198	37.14	ng	# 79
63) Azobenzene	10.610	77	374032	36.91	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	61754	37.31	ng	# 78
66) n-Nitrosodiphenylamine	10.569	169	316686	40.47	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	115109	40.72	ng	96
68) Hexachlorobenzene	11.004	284	131780	41.16	ng	97
69) Atrazine	11.098	200	114097	51.51	ng	98
70) Pentachlorophenol	11.204	266	129392	76.89	ng	97
71) Phenanthrene	11.422	178	528283	41.06	ng	97
72) Anthracene	11.475	178	540431	41.71	ng	98
73) Carbazole	11.627	167	434801	38.51	ng	95
74) Di-n-butylphthalate	11.951	149	604172	41.64	ng	99
75) Fluoranthene	12.610	202	534091	39.55	ng	98
77) Benzidine	12.727	184	173207m	55.17	ng	
78) Pyrene	12.839	202	527234	41.25	ng	98
80) Butylbenzylphthalate	13.451	149	219995	42.43	ng	96
81) Benzo(a)anthracene	14.027	228	390146	40.23	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	70149	24.66	ng	98
83) Chrysene	14.063	228	370479	39.60	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	276735	44.87	ng	94
85) Di-n-octyl phthalate	14.621	149	369083	44.84	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.009	276	325287	40.32	ng	99
88) Benzo(b)fluoranthene	15.080	252	318393	41.48	ng	99
89) Benzo(k)fluoranthene	15.115	252	280597	38.62	ng	98
90) Benzo(a)pyrene	15.451	252	277806	41.67	ng	97
91) Dibenzo(a,h)anthracene	17.021	278	274804	39.93	ng	96
92) Benzo(g,h,i)perylene	17.457	276	272382	40.01	ng	96

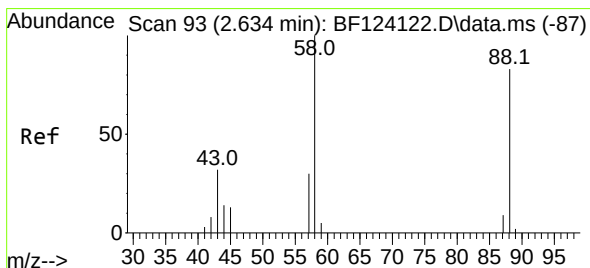
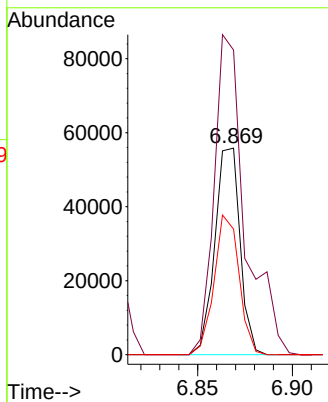
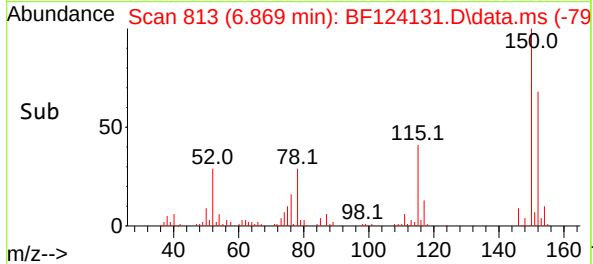
(#) = qualifier out of range (m) = manual integration (+) = signals summed



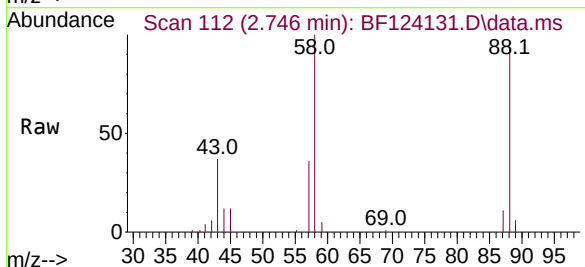
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.869 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: BF124131.D
 Acq: 4 Jun 2021 10:22



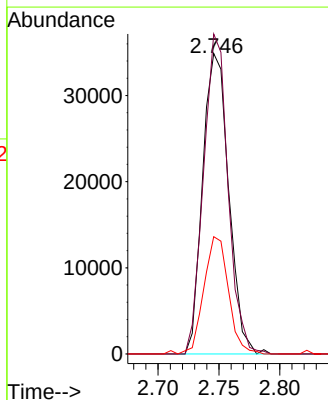
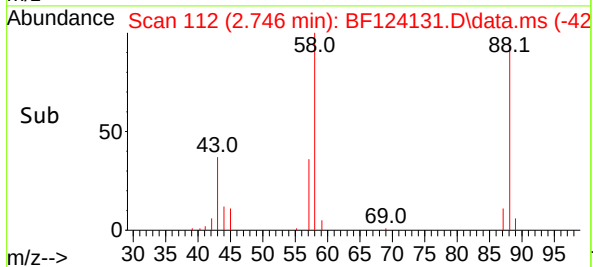
Tgt Ion:152 Resp: 52018
 Ion Ratio Lower Upper
 152 100
 150 147.5 127.0 190.6
 115 60.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 34.33 ng
 RT: 2.746 min Scan# 112
 Delta R.T. 0.112 min
 Lab File: BF124131.D
 Acq: 4 Jun 2021 10:22



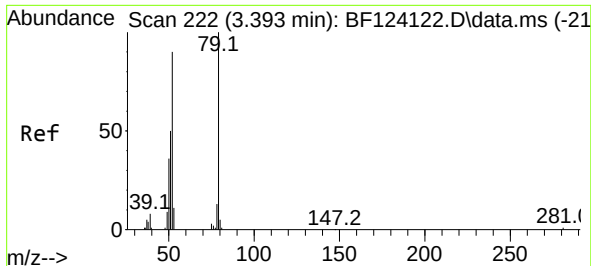
Tgt Ion: 88 Resp: 51913
 Ion Ratio Lower Upper
 88 100
 58 100.3 83.8 125.8
 43 37.0 32.2 48.4



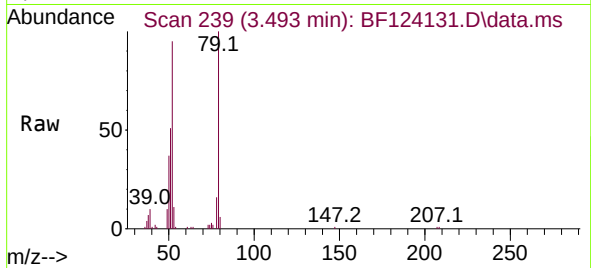
Instrument :
 BNA_F
 ClientSampleId :
 PB136792BS

Manual Integrations
 APPROVED

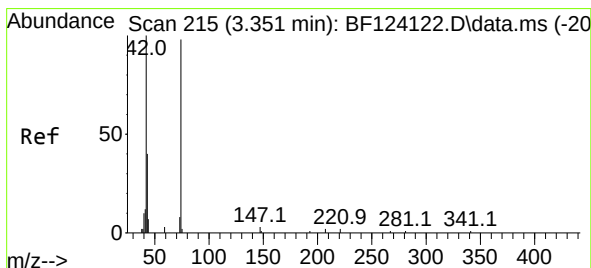
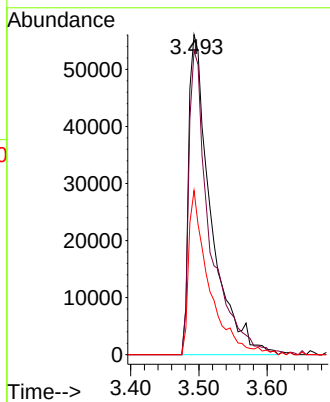
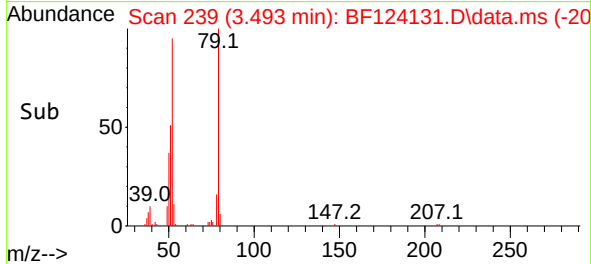
mohammad
 6/7/2021 12:24:08 PM



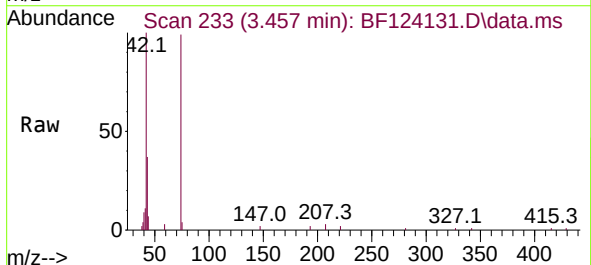
#3
Pyridine
Concen: 32.48 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.100 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



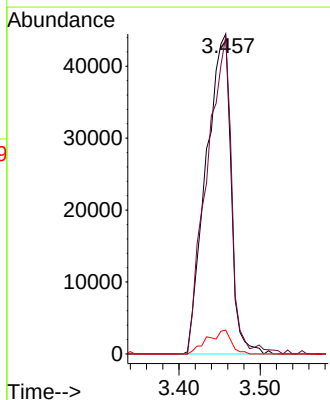
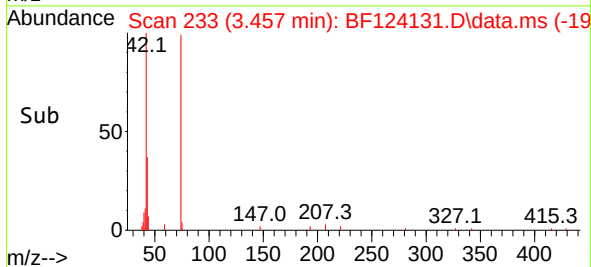
Tgt Ion: 79 Resp: 125814
Ion Ratio Lower Upper
79 100
52 95.1 87.4 131.0
51 51.3 41.4 62.0



#4
n-Nitrosodimethylamine
Concen: 41.24 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.106 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



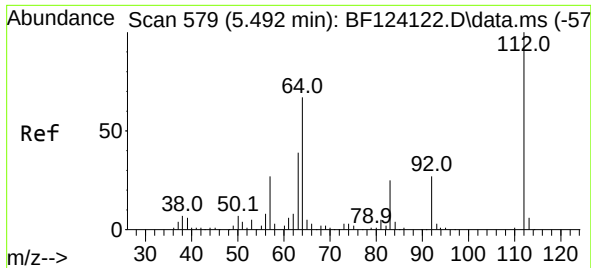
Tgt Ion: 42 Resp: 94911
Ion Ratio Lower Upper
42 100
74 99.1 83.5 125.3
44 7.5 5.7 8.5



Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



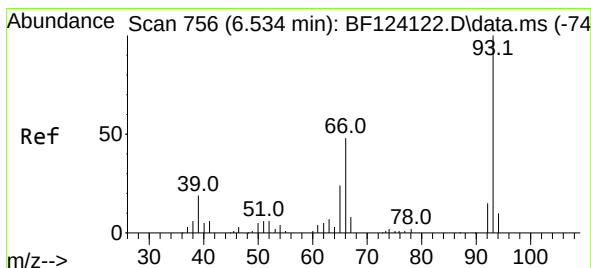
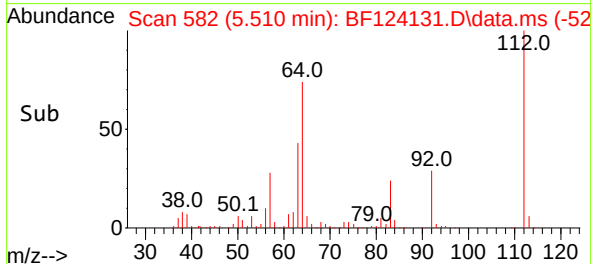
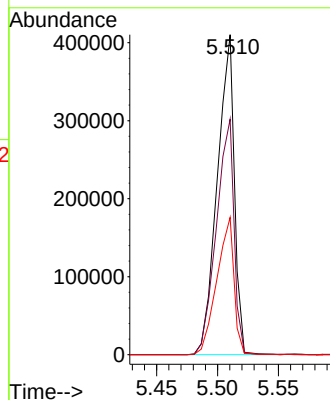
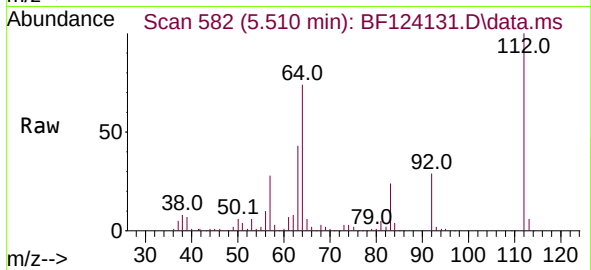
#5
2-Fluorophenol
Concen: 116.10 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:112 Resp: 401187
Ion Ratio Lower Upper
112 100
64 73.6 61.4 92.0
63 42.9 33.0 49.4

Instrument :
BNA_F
ClientSampleId :
PB136792BS

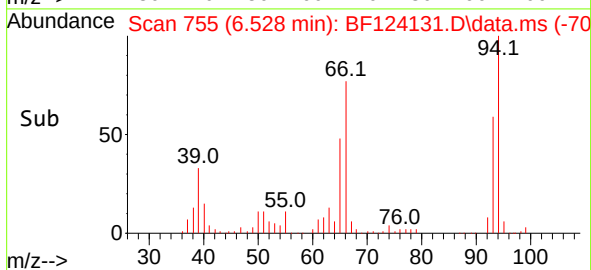
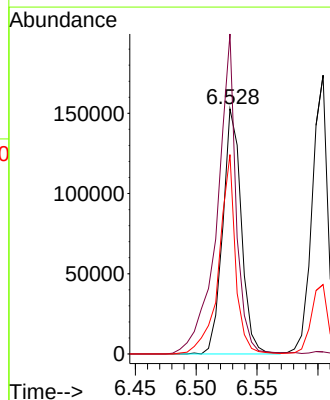
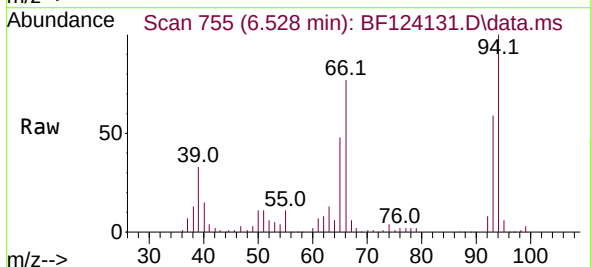
Manual Integrations
APPROVED

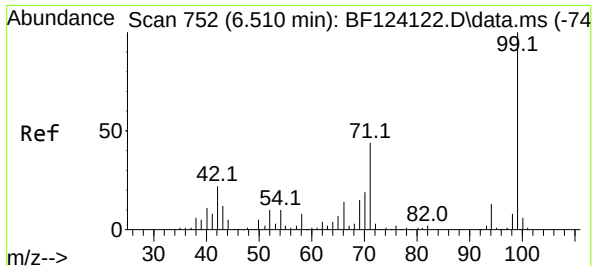
mohammad
6/7/2021 12:24:08 PM



#6
Aniline
Concen: 30.53 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 93 Resp: 161985
Ion Ratio Lower Upper
93 100
66 130.5 36.4 54.6#
65 81.3 19.4 29.0#





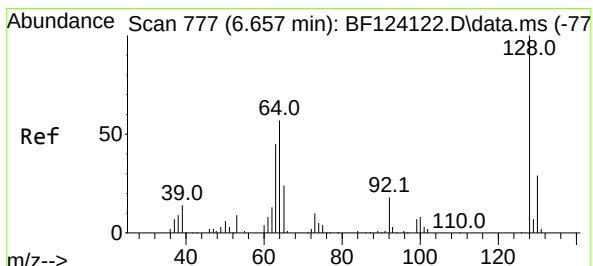
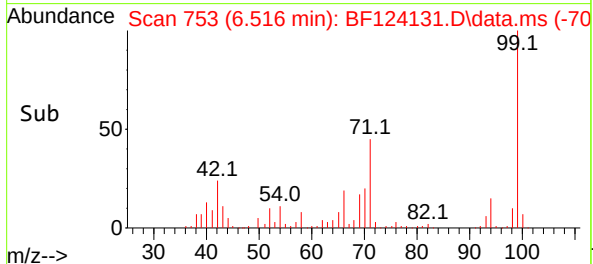
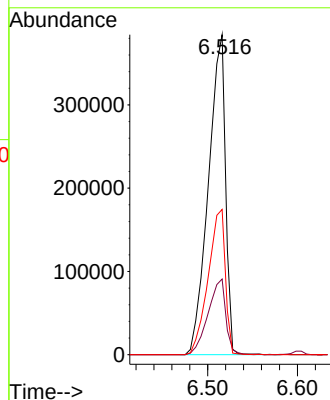
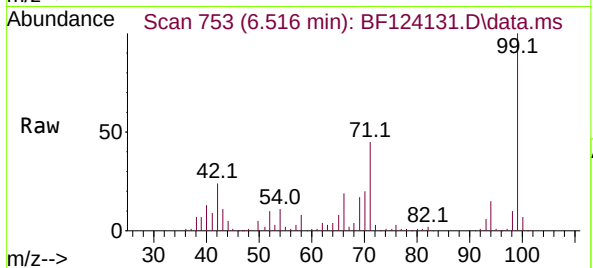
#7
Phenol-d6
Concen: 109.56 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 99 Resp: 508907
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.8
71 45.4 31.1 46.7

Instrument :
BNA_F
ClientSampled :
PB136792BS

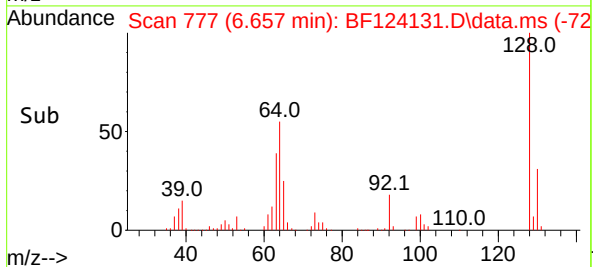
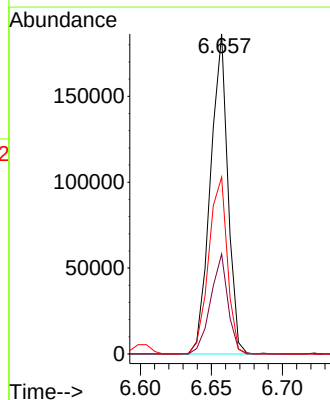
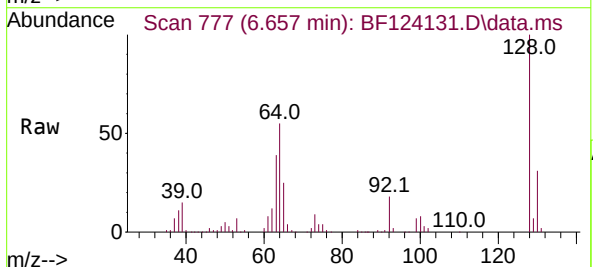
Manual Integrations
APPROVED

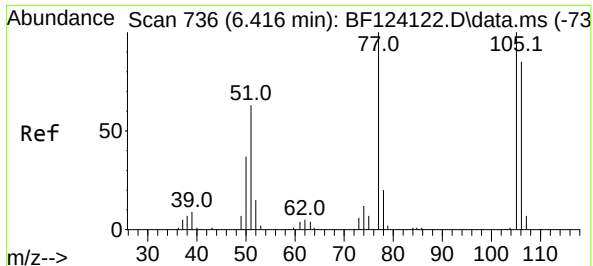
mohammad
6/7/2021 12:24:08 PM



#8
2-Chlorophenol
Concen: 41.42 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

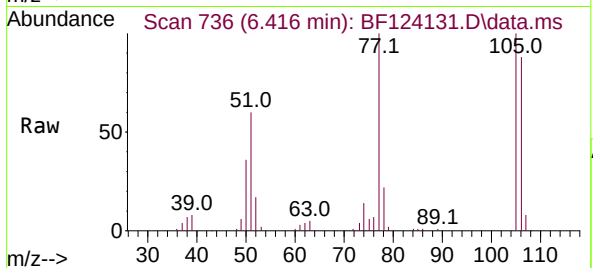
Tgt Ion: 128 Resp: 159267
Ion Ratio Lower Upper
128 100
130 31.2 12.6 52.6
64 55.2 41.5 81.5





#9
Benzaldehyde
Concen: 34.76 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

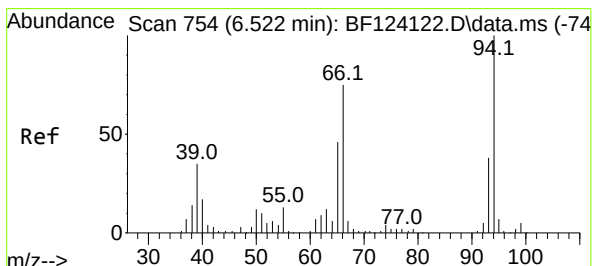
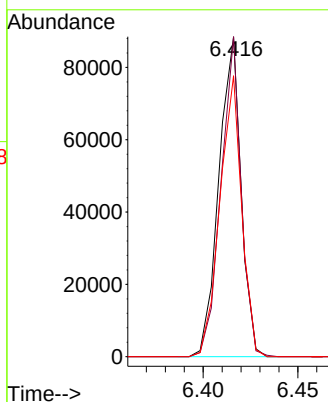
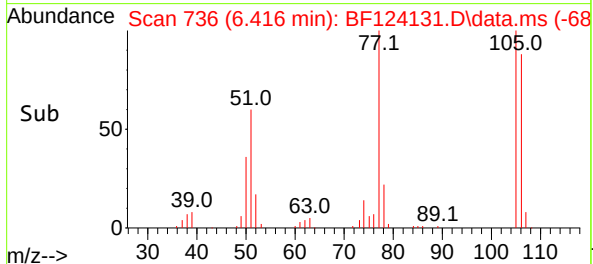
Instrument :
BNA_F
ClientSampleId :
PB136792BS



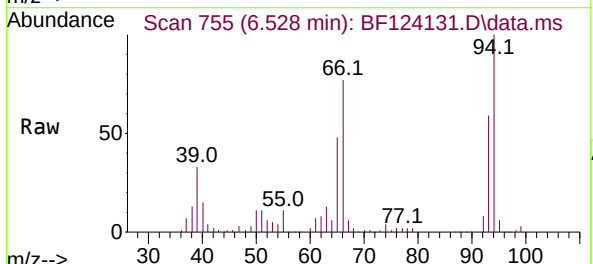
Tgt Ion: 77 Resp: 71765
Ion Ratio Lower Upper
77 100
105 100.0 75.2 115.2
106 87.8 71.6 111.6

Manual Integrations
APPROVED

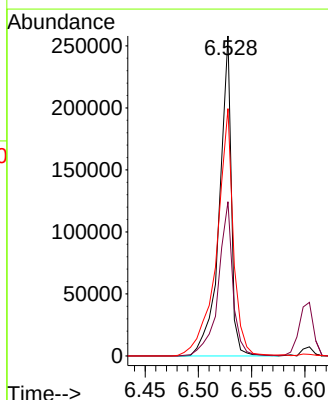
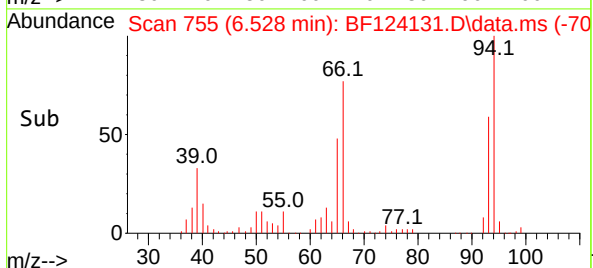
mohammad
6/7/2021 12:24:08 PM

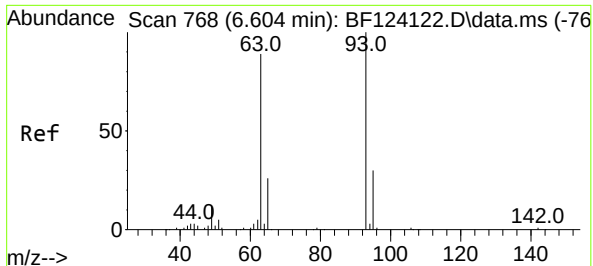


#10
Phenol
Concen: 39.93 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



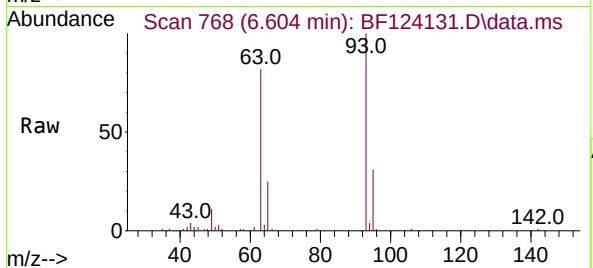
Tgt Ion: 94 Resp: 200439
Ion Ratio Lower Upper
94 100
65 48.2 18.1 58.1
66 77.3 29.0 69.0#





#11
bis(2-Chloroethyl)ether
Concen: 41.96 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

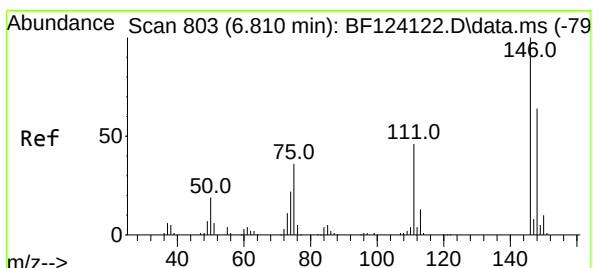
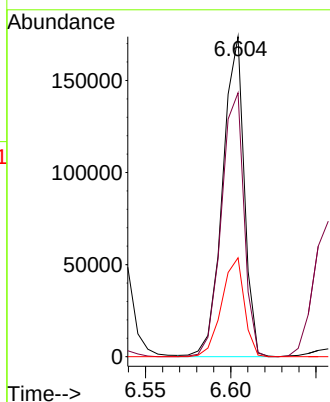
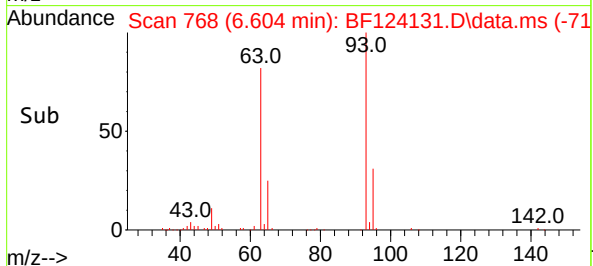
Instrument :
BNA_F
ClientSampleId :
PB136792BS



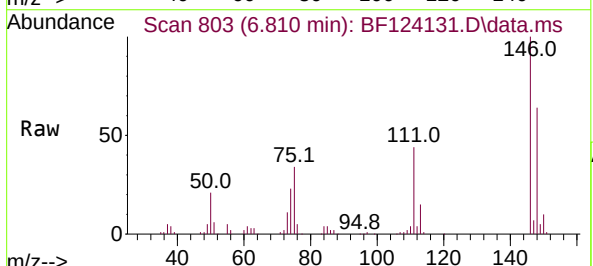
Tgt Ion: 93 Resp: 153536
Ion Ratio Lower Upper
93 100
63 82.4 76.1 116.1
95 30.9 11.5 51.5

Manual Integrations
APPROVED

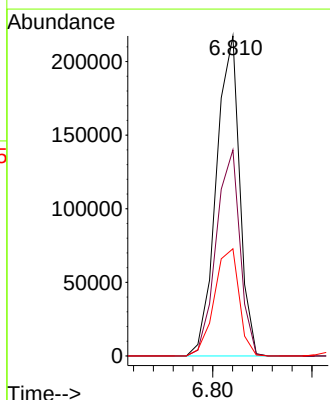
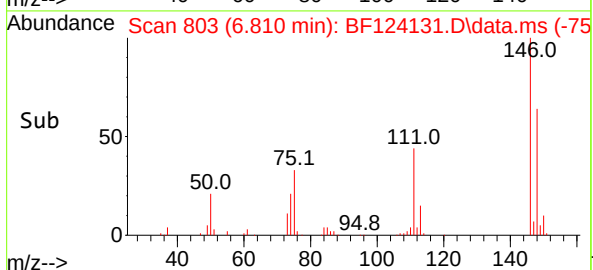
mohammad
6/7/2021 12:24:08 PM

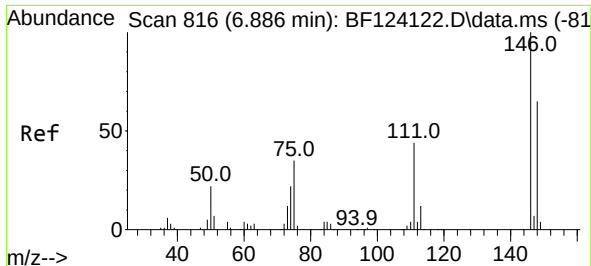


#12
1,3-Dichlorobenzene
Concen: 39.43 ng m
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion: 146 Resp: 177225
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 33.5 34.2 51.4#





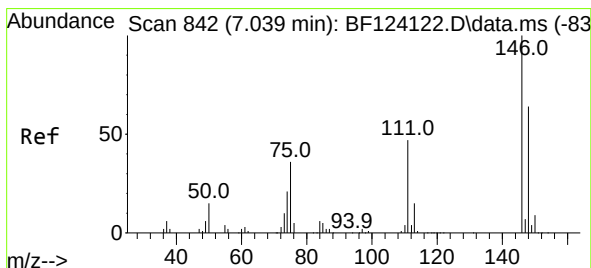
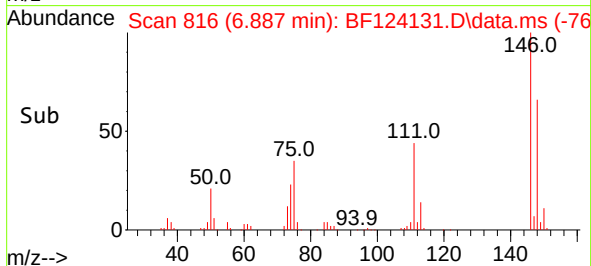
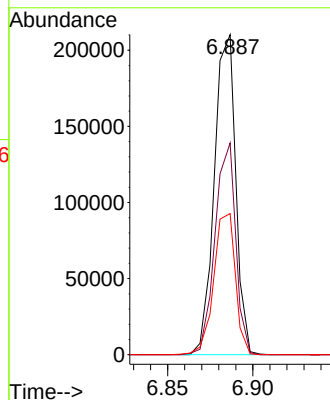
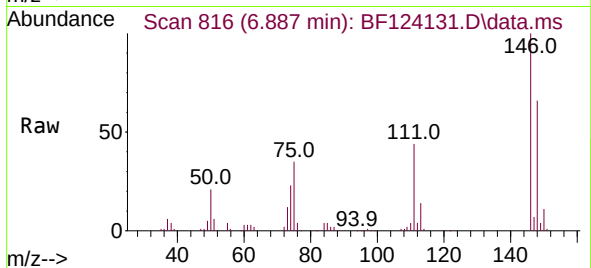
#13
1,4-Dichlorobenzene
Concen: 40.75 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:146 Resp: 183751
Ion Ratio Lower Upper
146 100
148 66.1 49.9 74.9
111 44.1 39.5 59.3

Instrument :
BNA_F
ClientSampleID :
PB136792BS

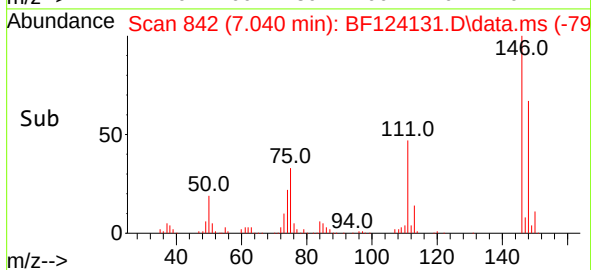
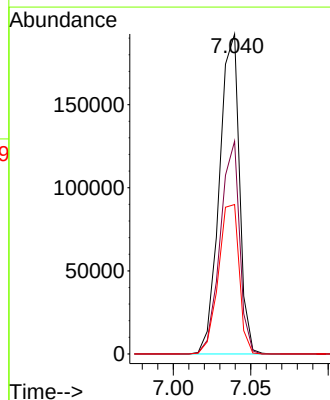
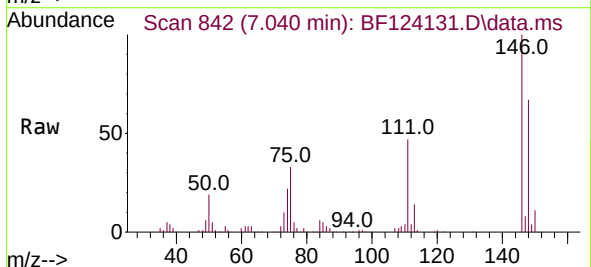
Manual Integrations
APPROVED

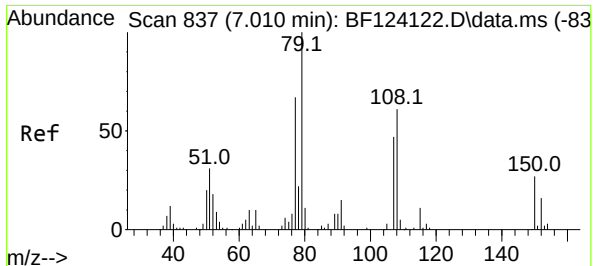
mohammad
6/7/2021 12:24:08 PM



#14
1,2-Dichlorobenzene
Concen: 40.04 ng
RT: 7.040 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:146 Resp: 172684
Ion Ratio Lower Upper
146 100
148 66.5 51.6 77.4
111 46.7 38.4 57.6





#15

Benzyl Alcohol

Concen: 37.62 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.006 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion:	79	Resp:	157515
Ion	Ratio	Lower	Upper
79	100		
108	58.9	55.8	83.8
77	61.4	49.9	74.9

Instrument :

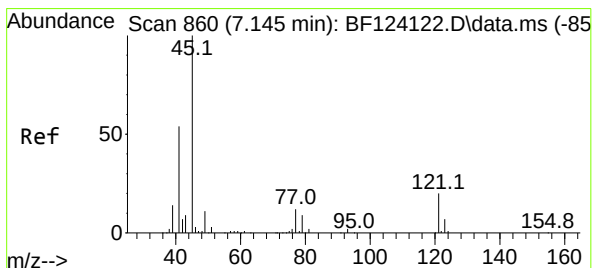
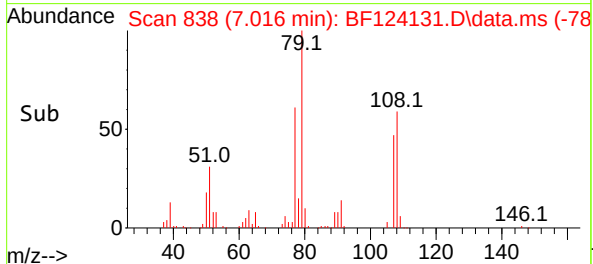
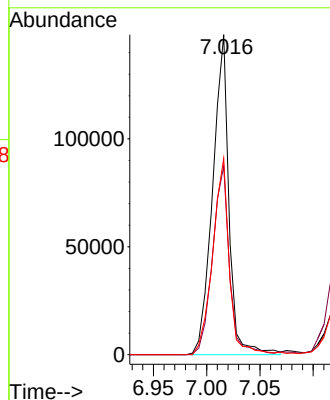
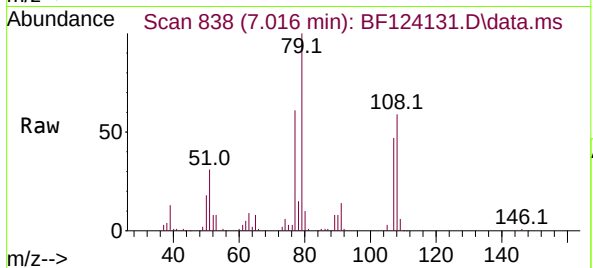
BNA_F

ClientSampleId :

PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.51 ng

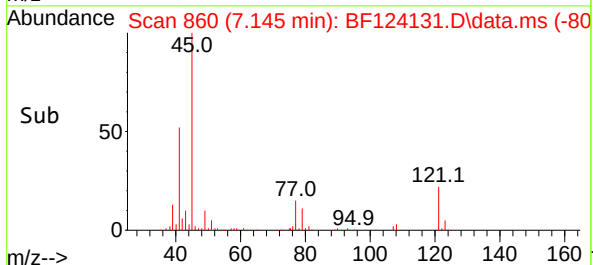
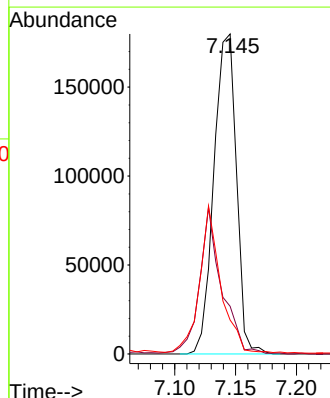
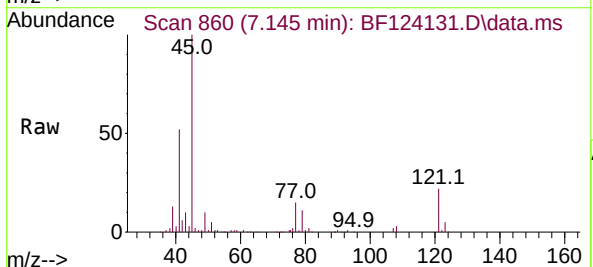
RT: 7.145 min Scan# 860

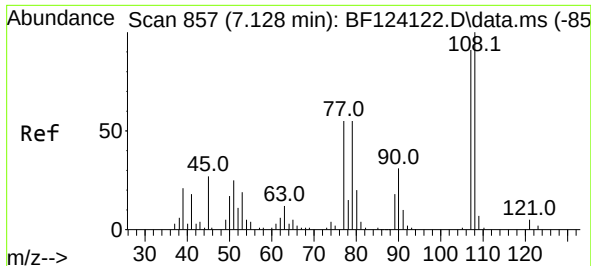
Delta R.T. 0.000 min

Lab File: BF124131.D

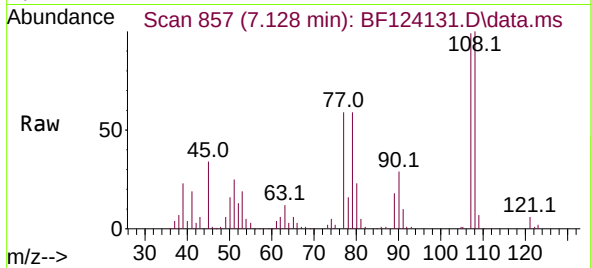
Acq: 4 Jun 2021 10:22

Tgt Ion:	45	Resp:	231270
Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	30.0
79	10.6	0.0	27.3

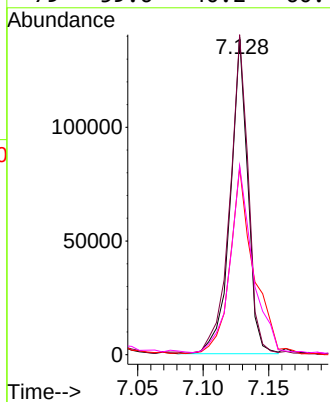
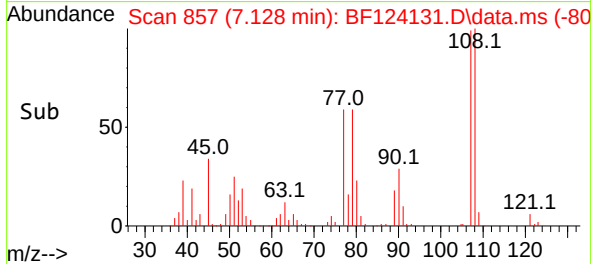




#17
2-Methylphenol
Concen: 41.12 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



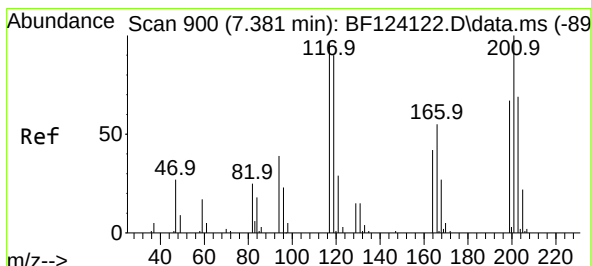
Tgt Ion	Ratio	Lower	Upper
107	100		
108	100.8	89.8	134.8
77	59.0	40.9	61.3
79	59.6	40.2	60.4



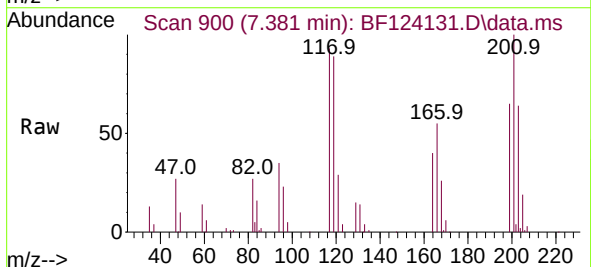
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

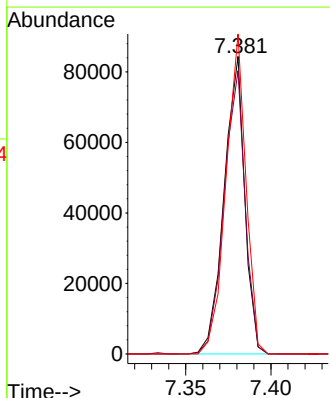
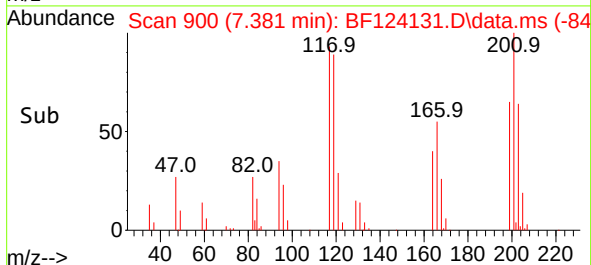
mohammad
6/7/2021 12:24:08 PM

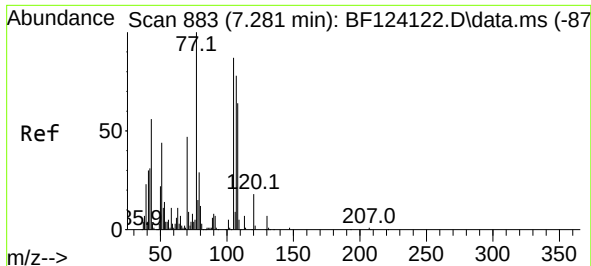


#18
Hexachloroethane
Concen: 40.02 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.8	116.8
201	107.5	67.8	101.8#





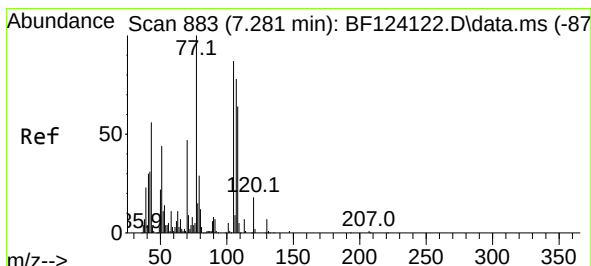
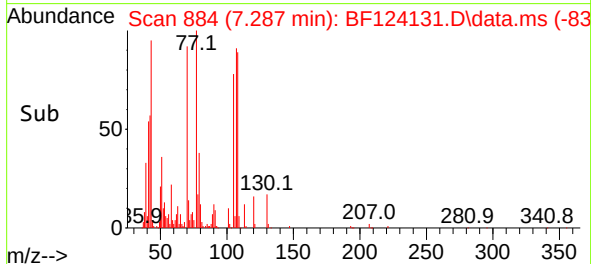
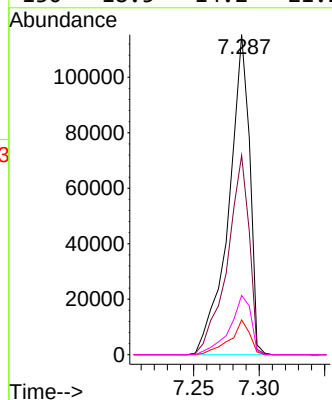
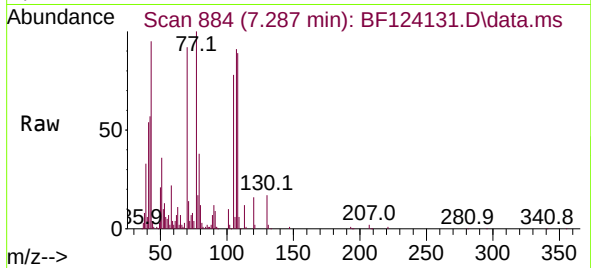
#19
n-Nitroso-di-n-propylamine
Concen: 39.06 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 70 Resp: 128086
Ion Ratio Lower Upper
70 100
42 62.3 60.1 90.1
101 10.8 7.4 11.2
130 18.5 14.2 21.2

Instrument :
BNA_F
ClientSampleId :
PB136792BS

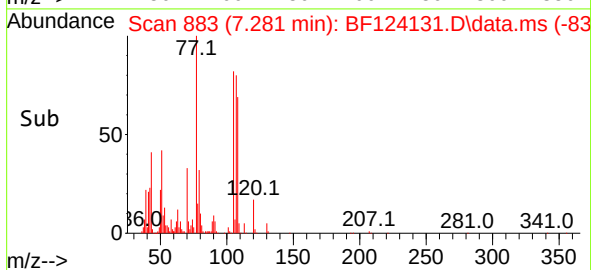
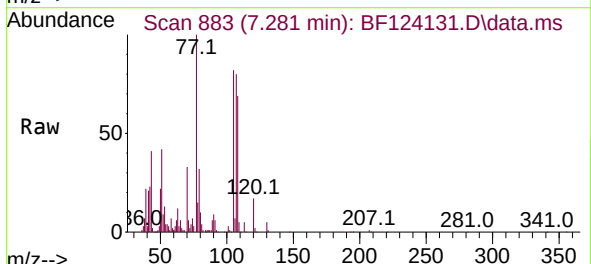
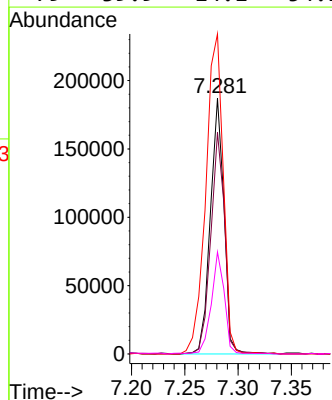
Manual Integrations
APPROVED

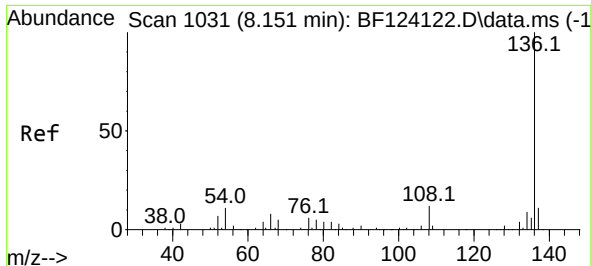
mohammad
6/7/2021 12:24:08 PM



#20
3+4-Methylphenols
Concen: 40.22 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

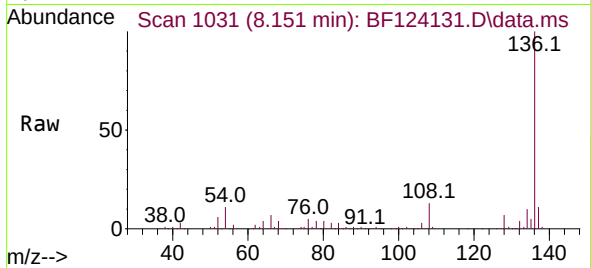
Tgt Ion: 107 Resp: 166567
Ion Ratio Lower Upper
107 100
108 86.6 71.5 111.5
77 125.2 82.0 122.0#
79 39.9 14.1 54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

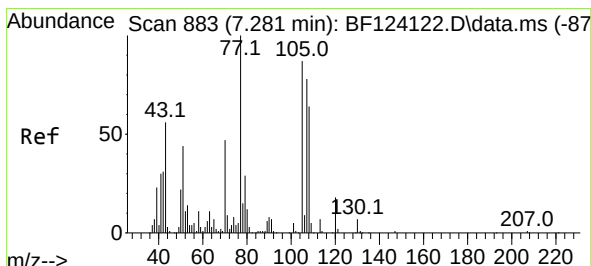
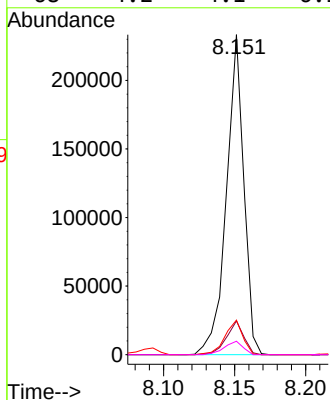
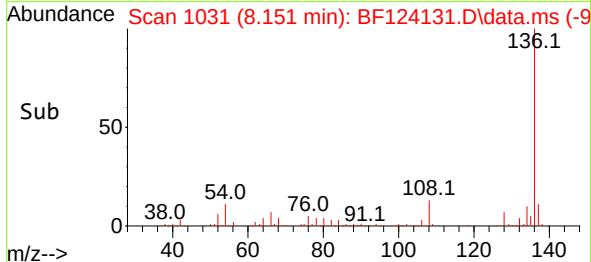
Instrument :
BNA_F
ClientSampleId :
PB136792BS



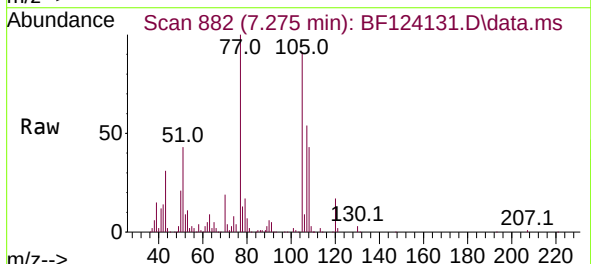
Tgt Ion:	136	Resp:	198073
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	10.8	9.8	14.6
68	4.2	4.1	6.1

Manual Integrations
APPROVED

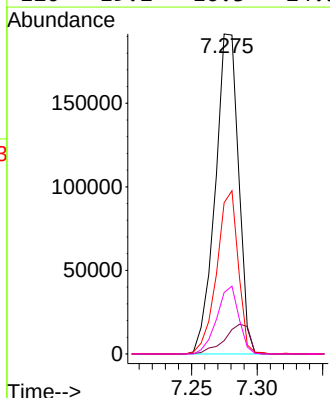
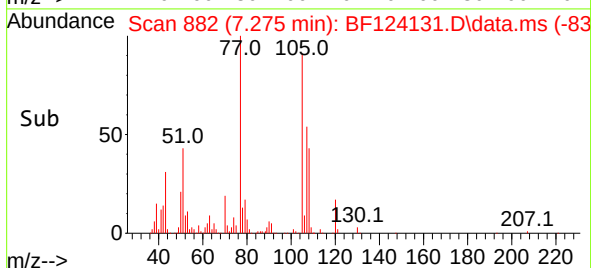
mohammad
6/7/2021 12:24:08 PM

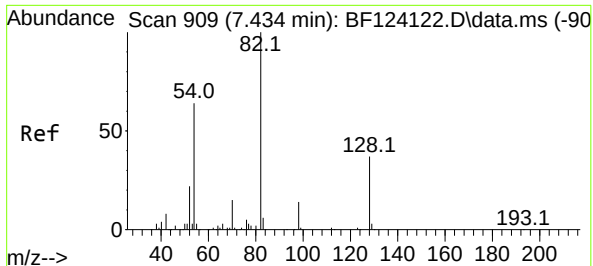


#22
Acetophenone
Concen: 41.82 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion:	105	Resp:	236144
Ion Ratio	Lower	Upper	
105	100		
71	4.1	4.2	6.4#
51	47.2	33.6	50.4
120	19.2	16.3	24.5





#23

Nitrobenzene-d5

Concen: 76.52 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion:	82	Resp:	382166
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.4	44.2
54	63.6	54.1	81.1

Instrument :

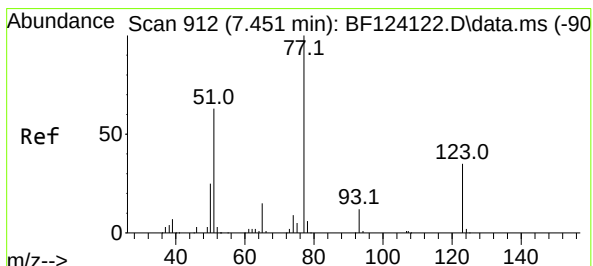
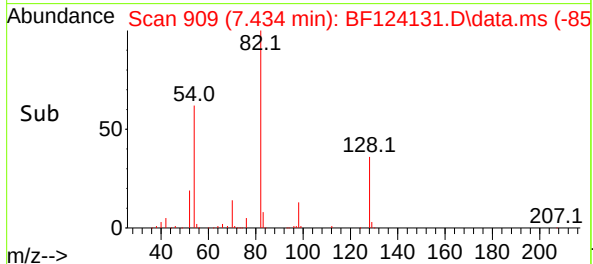
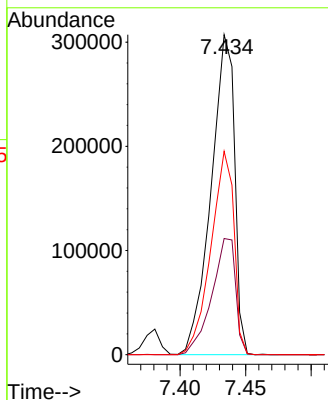
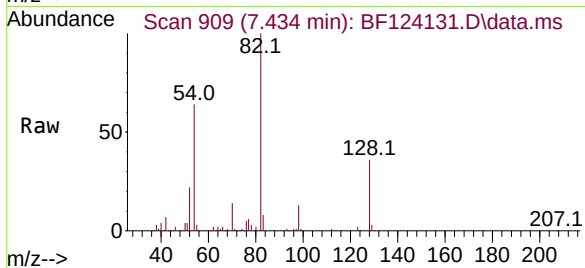
BNA_F

ClientSampleId :

PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



#24

Nitrobenzene

Concen: 37.93 ng

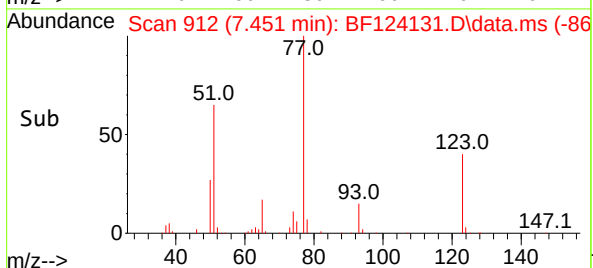
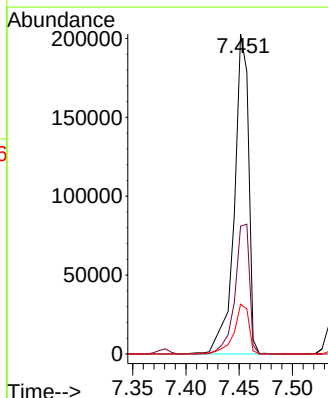
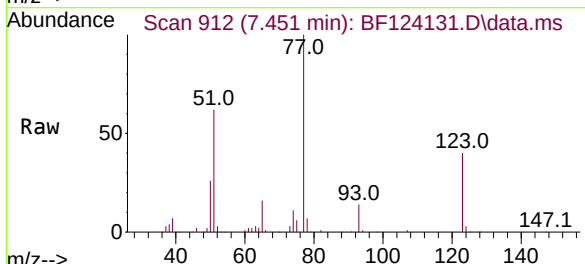
RT: 7.451 min Scan# 912

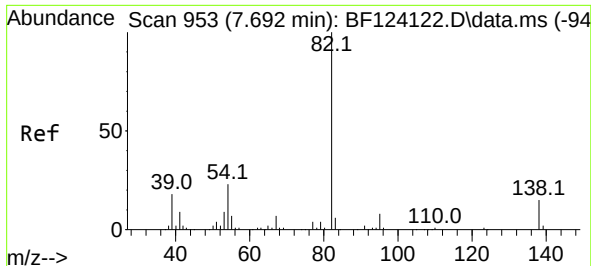
Delta R.T. 0.000 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion:	77	Resp:	190037
Ion	Ratio	Lower	Upper
77	100		
123	40.0	34.5	51.7
65	15.5	12.2	18.2





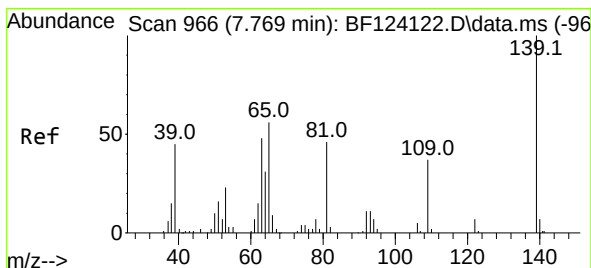
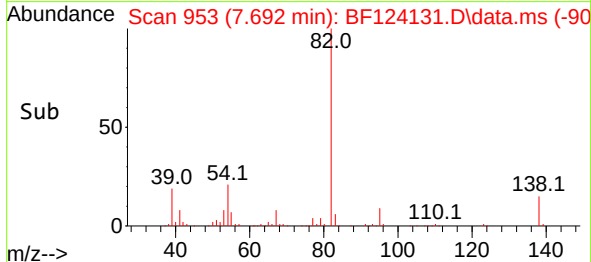
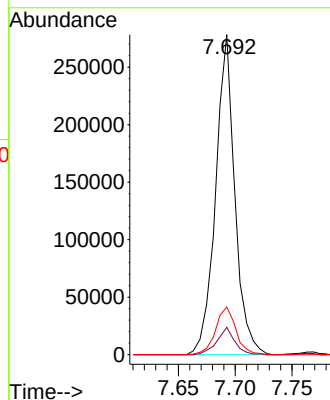
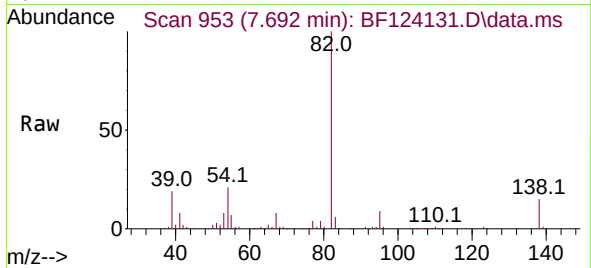
#25
Isophorone
Concen: 36.44 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 82 Resp: 327930
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.6
138 14.9 11.8 17.8

Instrument :
BNA_F
ClientSampleId :
PB136792BS

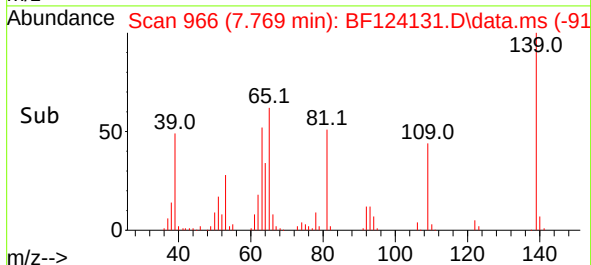
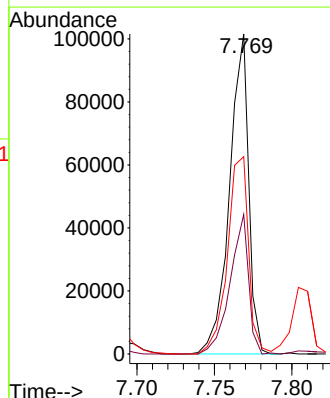
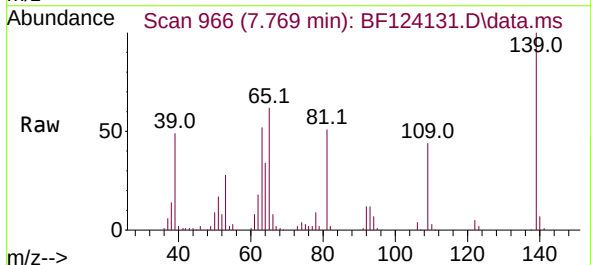
Manual Integrations
APPROVED

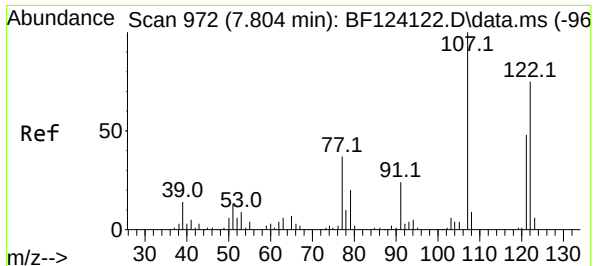
mohammad
6/7/2021 12:24:08 PM



#26
2-Nitrophenol
Concen: 38.93 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:139 Resp: 87114
Ion Ratio Lower Upper
139 100
109 43.6 28.6 43.0#
65 61.6 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 44.08 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion: 122 Resp: 139102
 Ion Ratio Lower Upper
 122 100
 107 124.0 106.3 159.5
 121 60.0 45.4 68.0

Instrument :

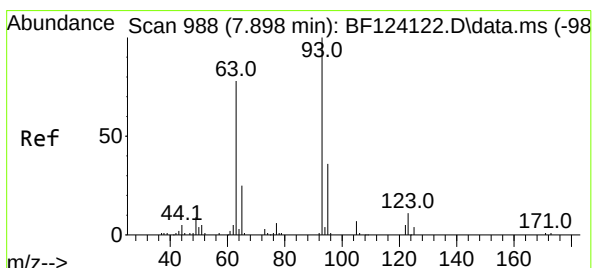
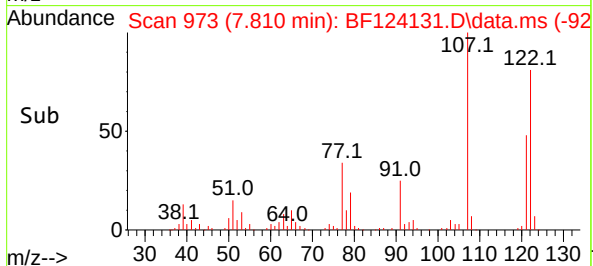
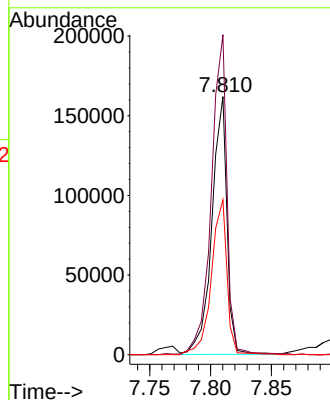
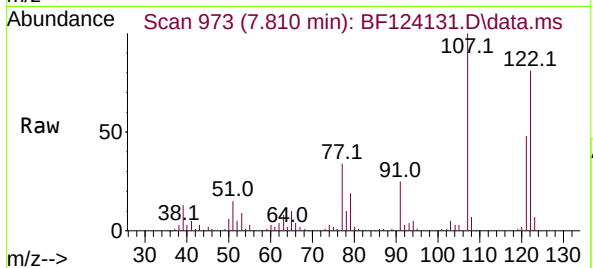
BNA_F

ClientSampleId :

PB136792BS

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:08 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.72 ng

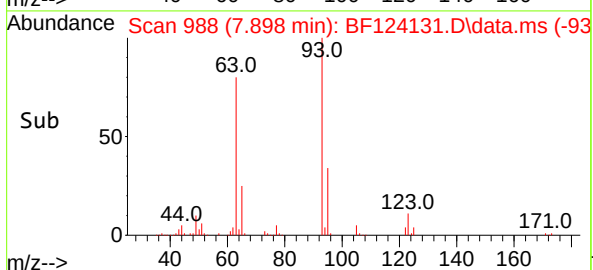
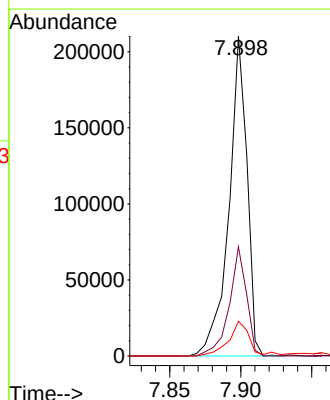
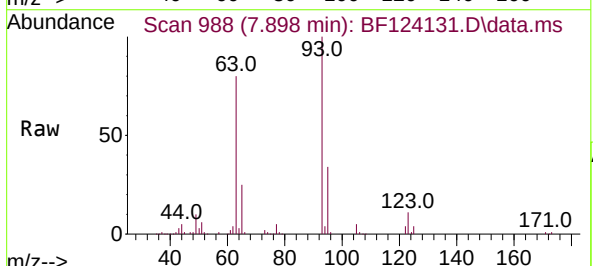
RT: 7.898 min Scan# 988

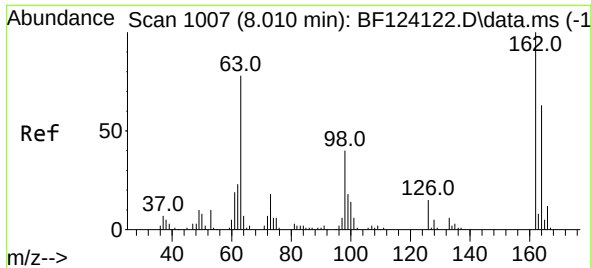
Delta R.T. 0.000 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

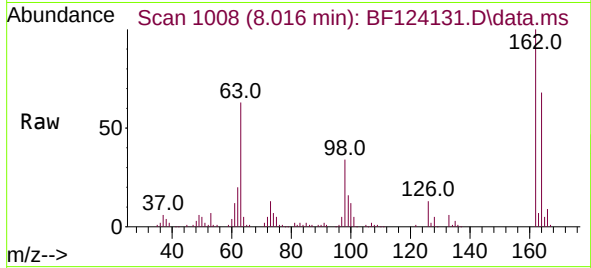
Tgt Ion: 93 Resp: 186143
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.5 39.7
 123 10.8 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 39.30 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

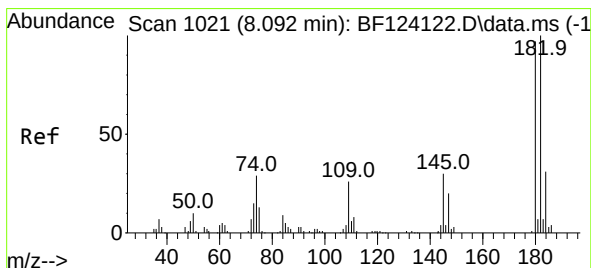
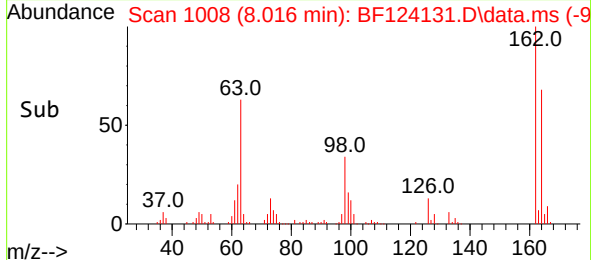
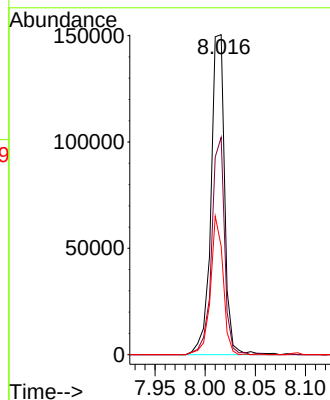
Instrument :
BNA_F
ClientSampleId :
PB136792BS



Tgt Ion:162 Resp: 143492
Ion Ratio Lower Upper
162 100
164 67.9 44.1 84.1
98 33.9 27.3 67.3

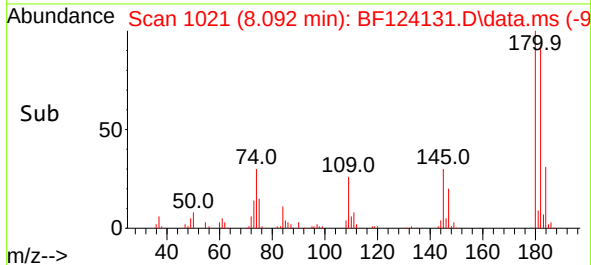
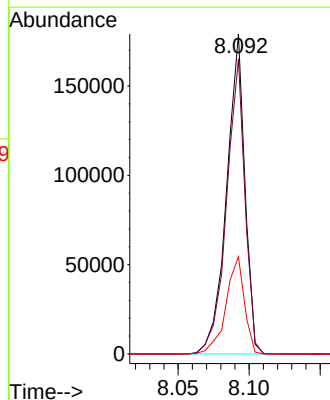
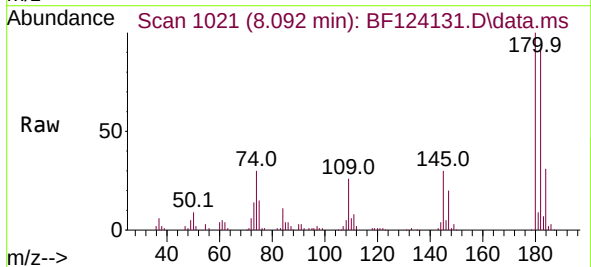
Manual Integrations
APPROVED

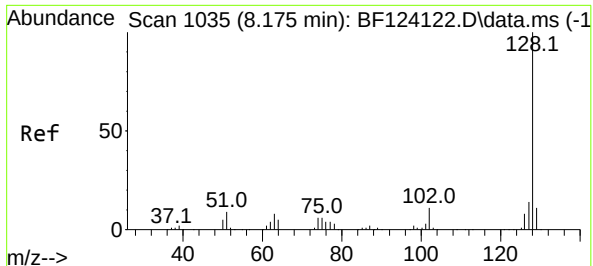
mohammad
6/7/2021 12:24:08 PM



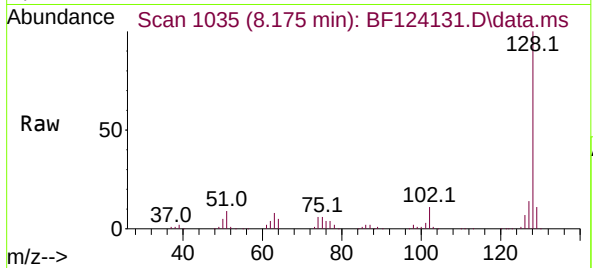
#30
1,2,4-Trichlorobenzene
Concen: 39.19 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:180 Resp: 160366
Ion Ratio Lower Upper
180 100
182 92.2 77.2 115.8
145 30.3 26.0 39.0

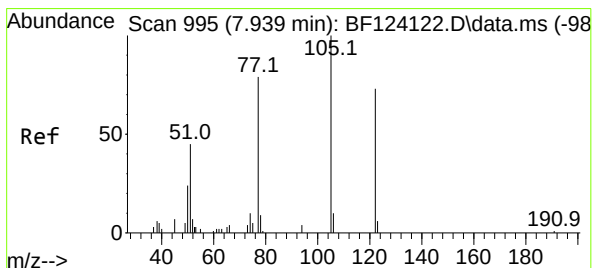
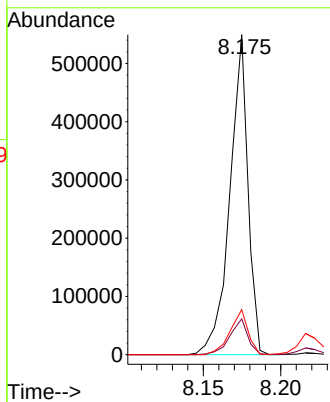
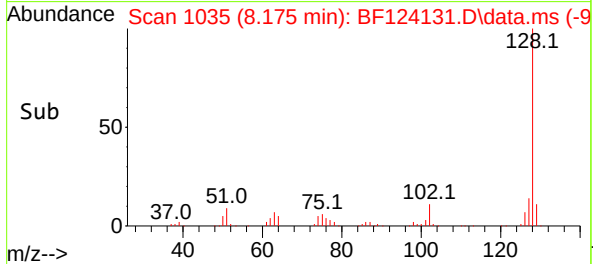




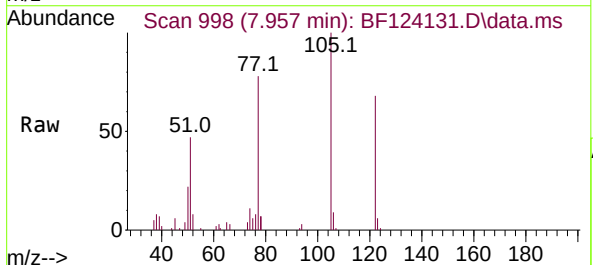
#31
Naphthalene
Concen: 37.72 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



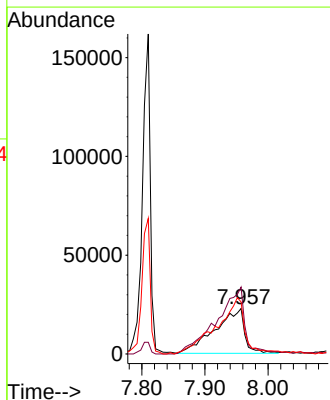
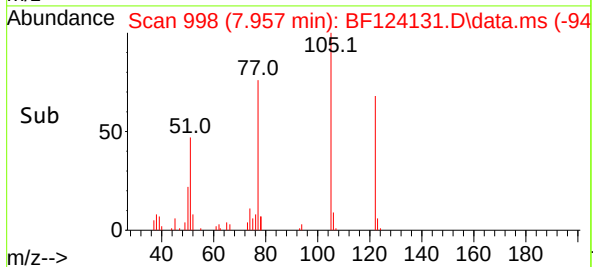
Tgt Ion:128 Resp: 446629
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 38.39 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.018 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



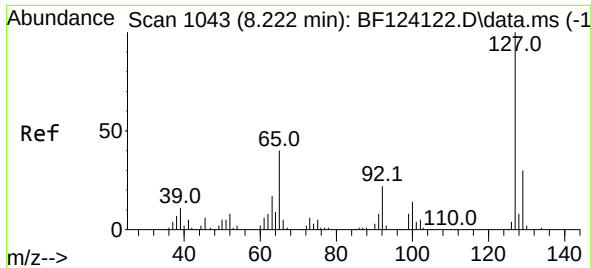
Tgt Ion:122 Resp: 74336
Ion Ratio Lower Upper
122 100
105 147.4 107.8 147.8
77 114.6 81.6 121.6



Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



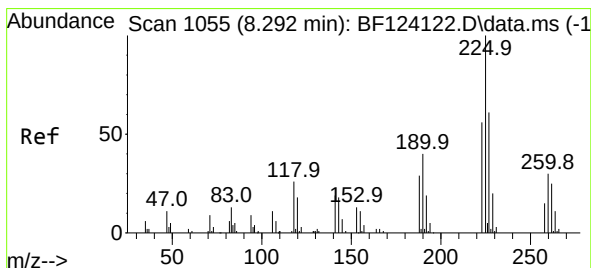
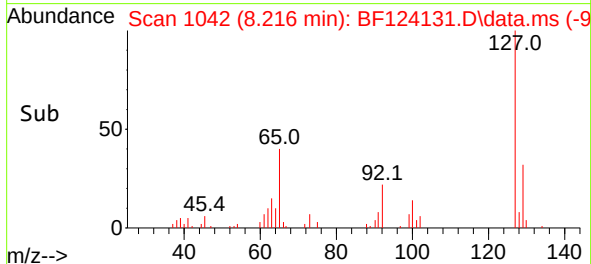
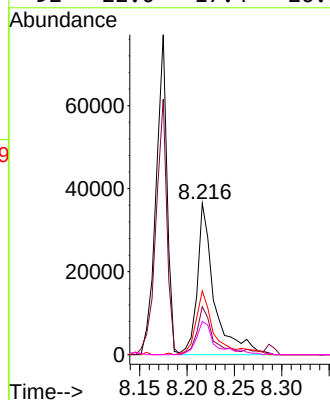
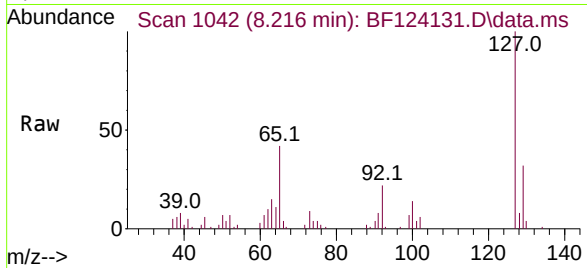
#33
4-Chloroaniline
Concen: 10.35 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	42.2	34.5	51.7
92	22.0	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
PB136792BS

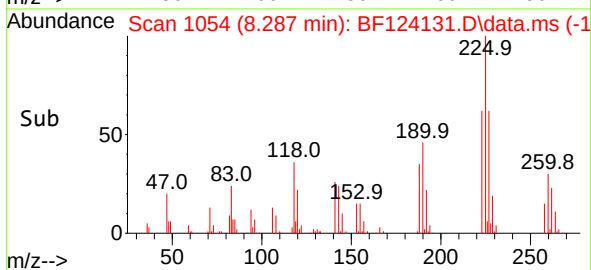
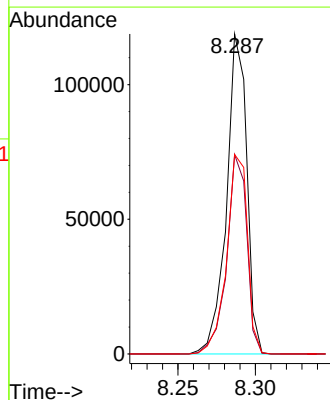
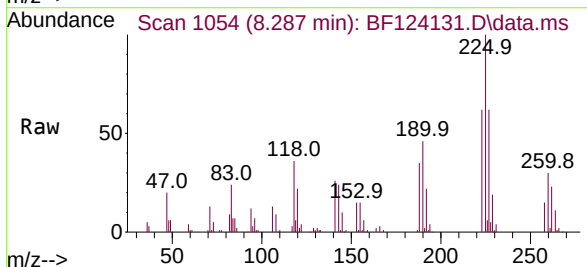
Manual Integrations
APPROVED

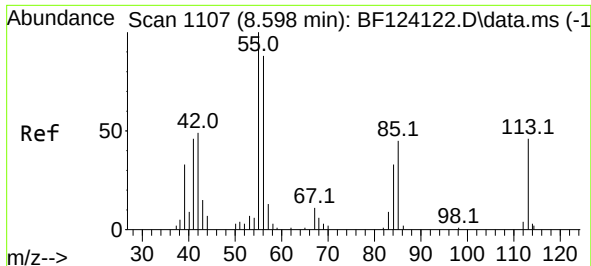
mohammad
6/7/2021 12:24:08 PM



#34
Hexachlorobutadiene
Concen: 37.25 ng
RT: 8.287 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	62.4	51.4	77.0





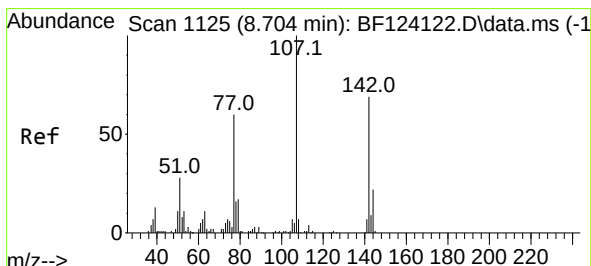
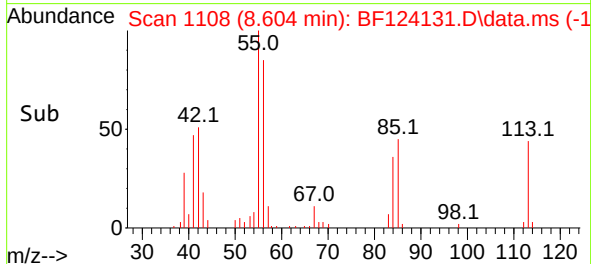
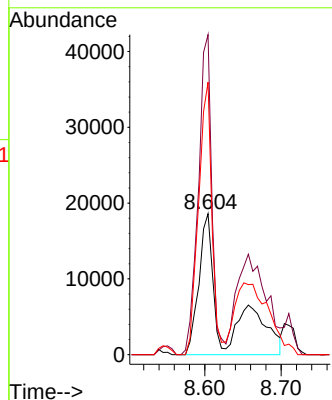
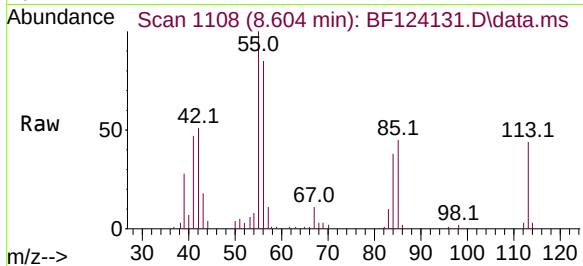
#35
Caprolactam
Concen: 41.04 ng m
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:113 Resp: 41170
Ion Ratio Lower Upper
113 100
55 227.0 254.9 294.9#
56 193.3 179.4 219.4

Instrument :
BNA_F
ClientSampled :
PB136792BS

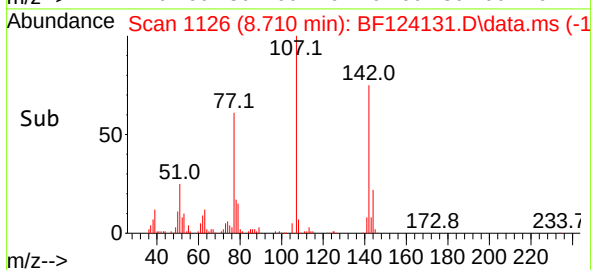
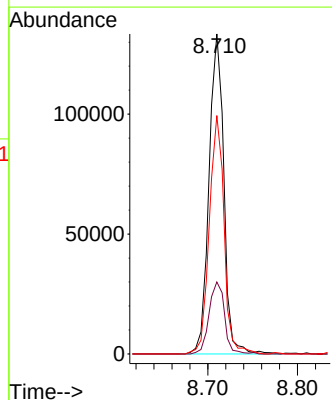
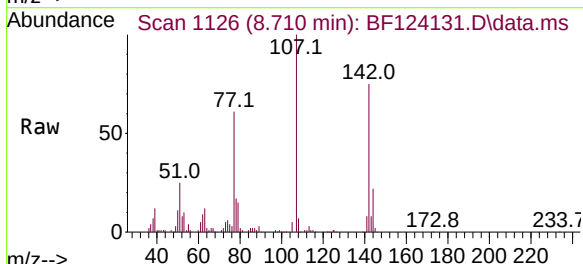
Manual Integrations
APPROVED

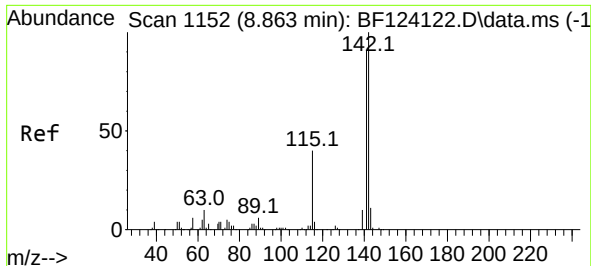
mohammad
6/7/2021 12:24:08 PM



#36
4-Chloro-3-methylphenol
Concen: 38.29 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:107 Resp: 152965
Ion Ratio Lower Upper
107 100
144 22.5 16.3 24.5
142 74.5 50.1 75.1





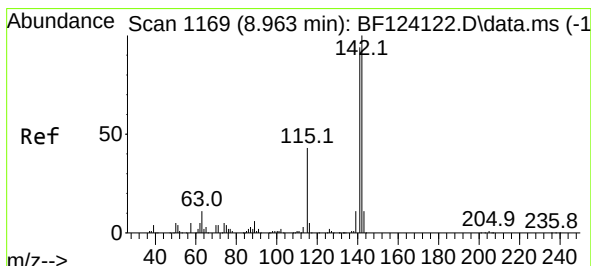
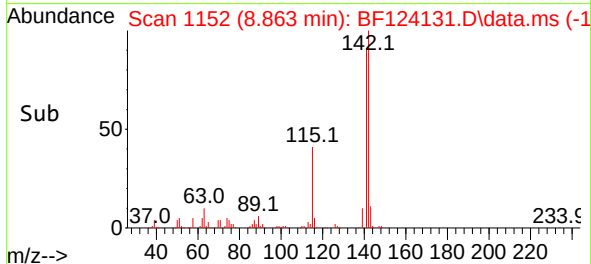
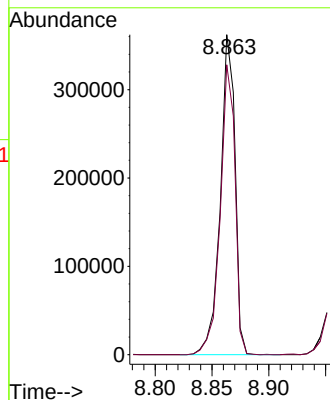
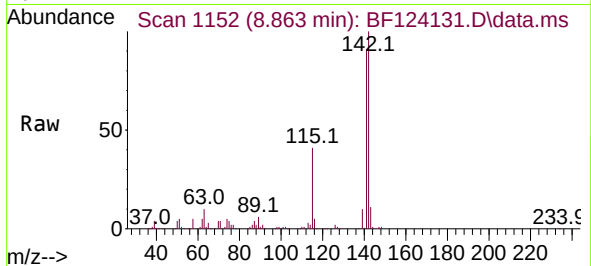
#37
2-Methylnaphthalene
Concen: 39.31 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:142 Resp: 326481
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6

Instrument :
BNA_F
ClientSampled :
PB136792BS

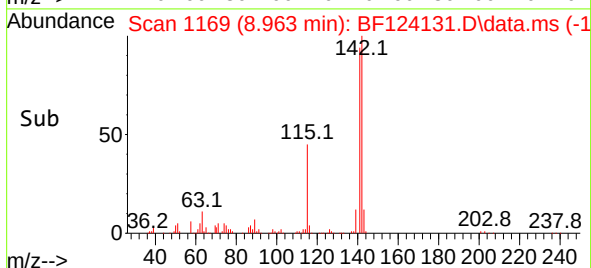
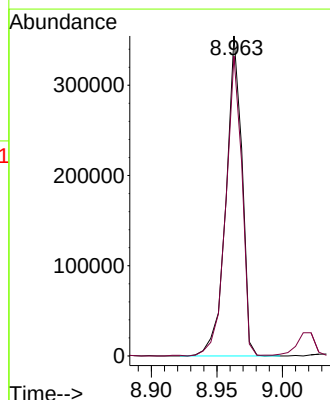
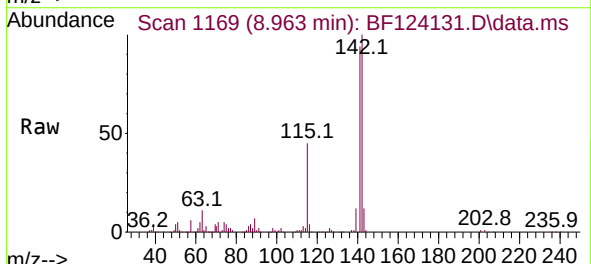
Manual Integrations
APPROVED

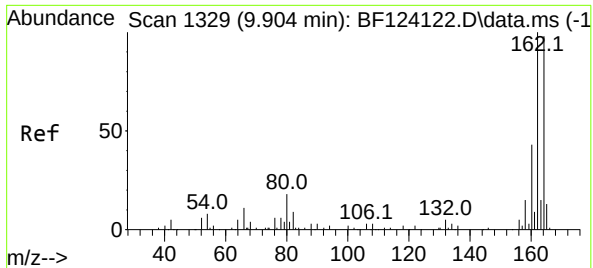
mohammad
6/7/2021 12:24:08 PM



#38
1-Methylnaphthalene
Concen: 38.63 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

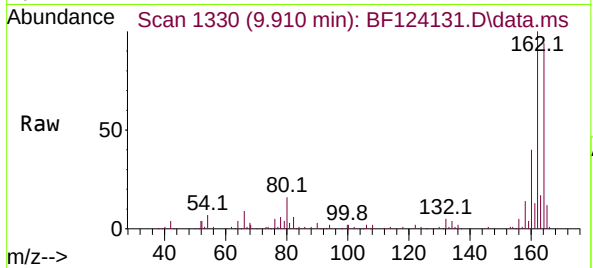
Tgt Ion:142 Resp: 299807
Ion Ratio Lower Upper
142 100
141 93.7 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

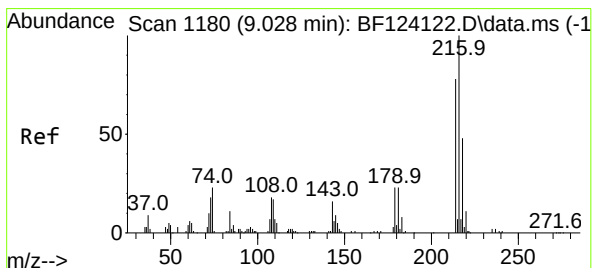
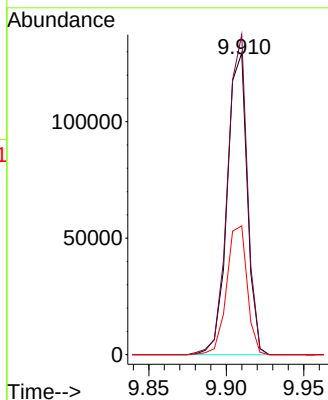
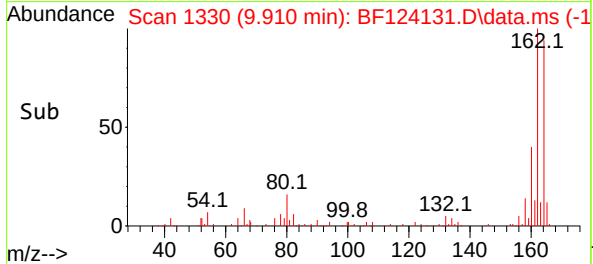
Instrument :
BNA_F
ClientSampleId :
PB136792BS



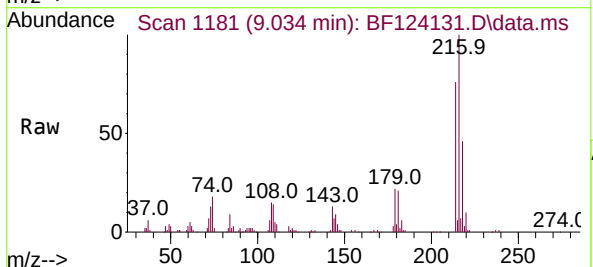
Tgt Ion:164 Resp: 116428
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 42.7 37.3 55.9

Manual Integrations
APPROVED

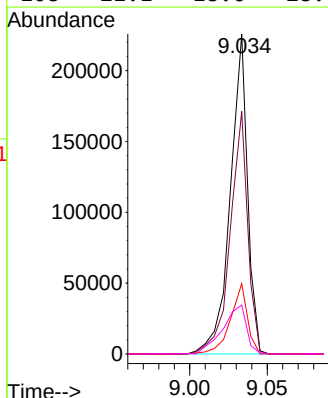
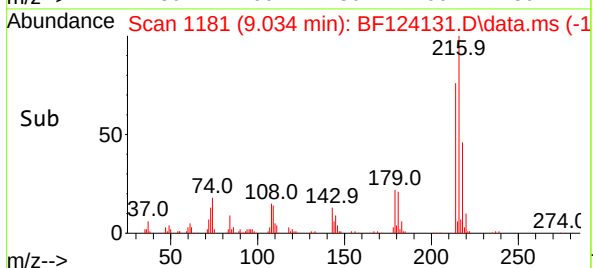
mohammad
6/7/2021 12:24:08 PM

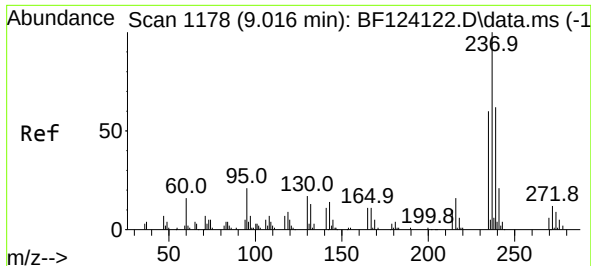


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.45 ng
RT: 9.034 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

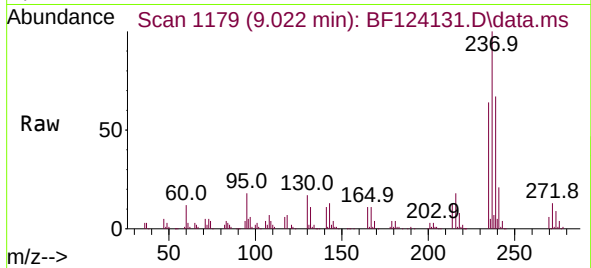


Tgt Ion:216 Resp: 175106
Ion Ratio Lower Upper
216 100
214 76.7 63.8 95.8
179 21.6 17.9 26.9
108 21.1 18.6 28.0

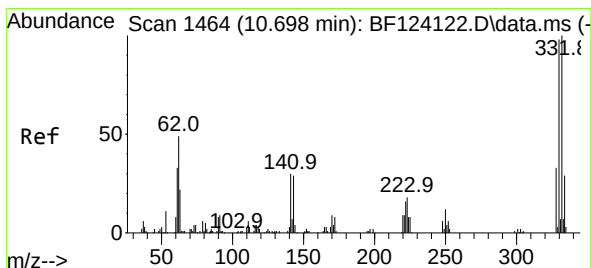
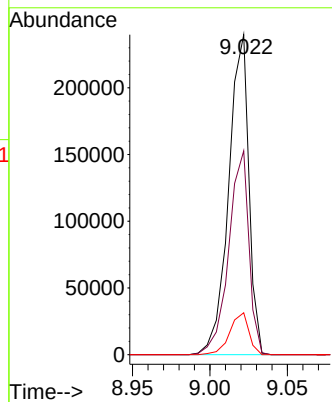
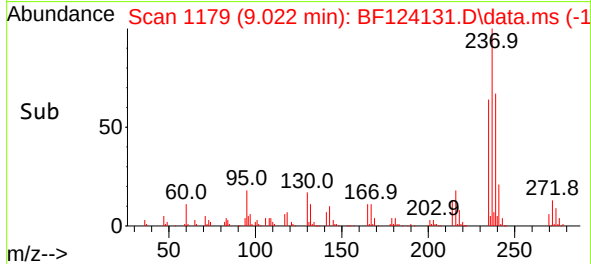




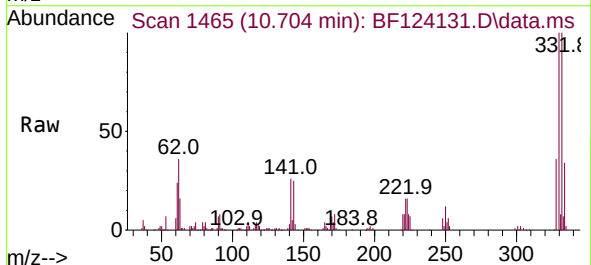
#41
Hexachlorocyclopentadiene
Concen: 95.57 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



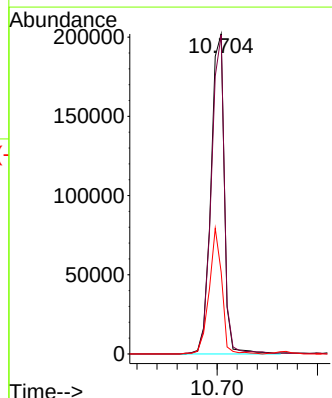
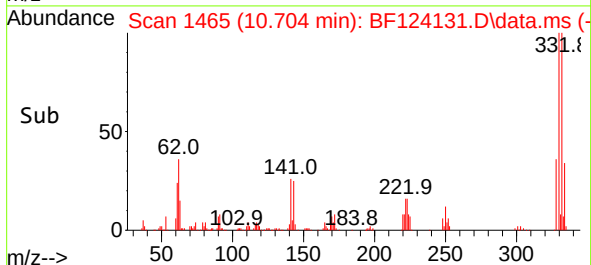
Tgt Ion:237 Resp: 217549
Ion Ratio Lower Upper
237 100
235 63.7 38.8 78.8
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 113.80 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



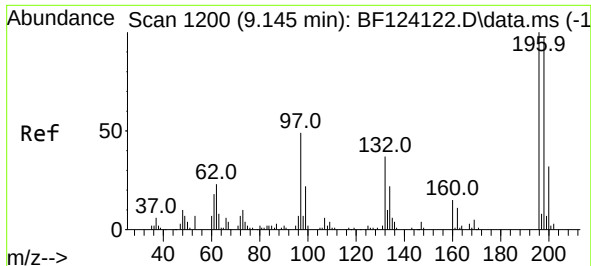
Tgt Ion:330 Resp: 187709
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.1 27.9 41.9



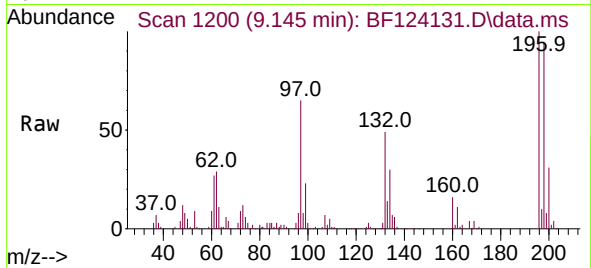
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

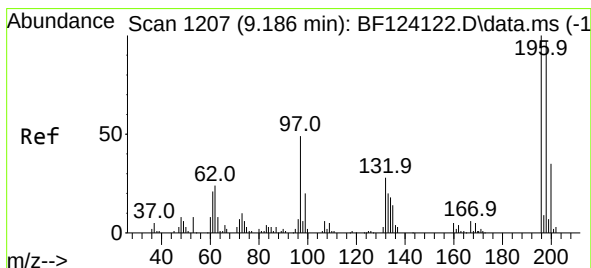
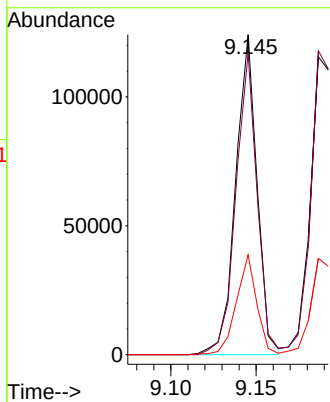
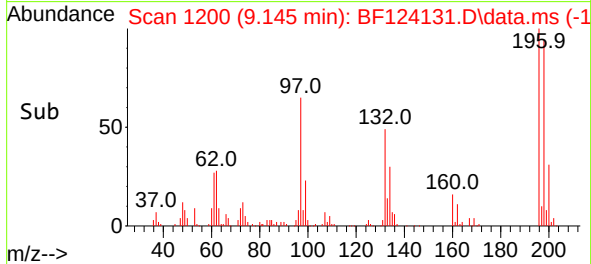
mohammad
6/7/2021 12:24:08 PM



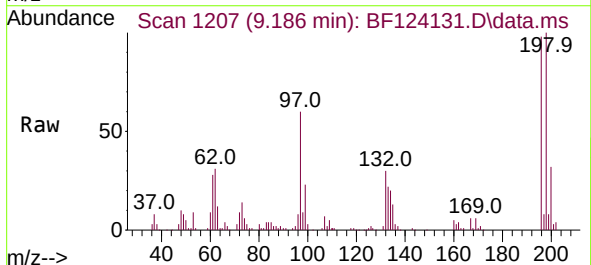
#43
2,4,6-Trichlorophenol
Concen: 40.17 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



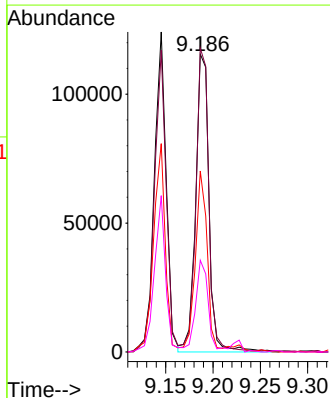
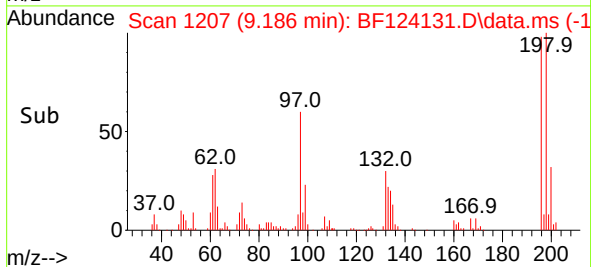
Tgt Ion:196 Resp: 108085
Ion Ratio Lower Upper
196 100
198 94.3 78.2 117.2
200 31.2 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 39.46 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



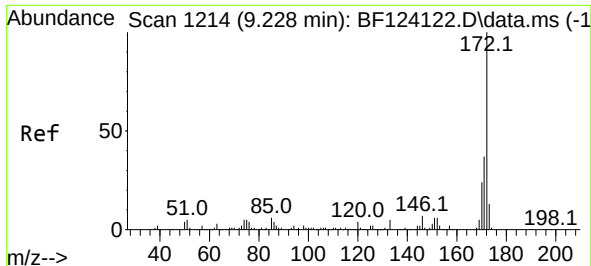
Tgt Ion:196 Resp: 113953
Ion Ratio Lower Upper
196 100
198 102.0 76.5 114.7
97 60.7 52.9 79.3
132 30.8 25.3 37.9



Instrument :
BNA_F
ClientSampled :
PB136792BS

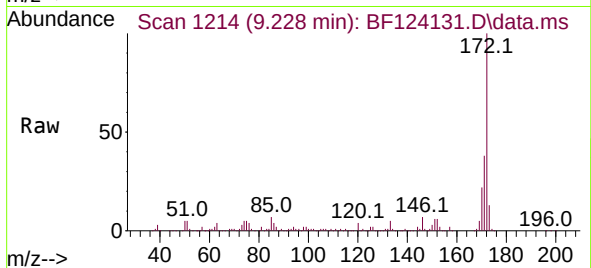
Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



#45
2-Fluorobiphenyl
Concen: 77.51 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

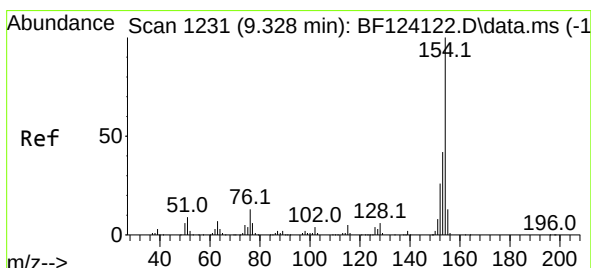
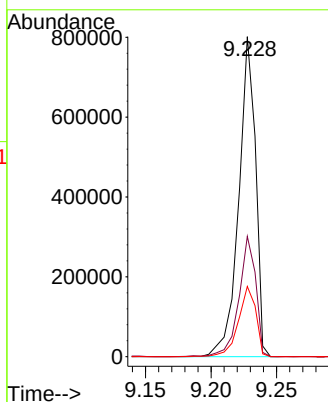
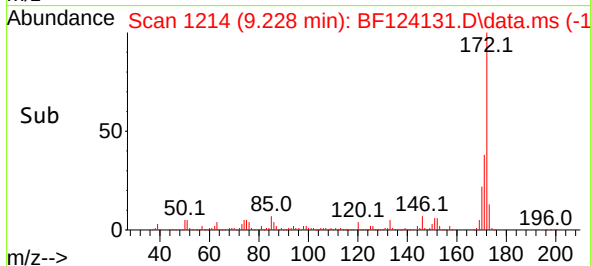
Instrument :
BNA_F
ClientSampleId :
PB136792BS



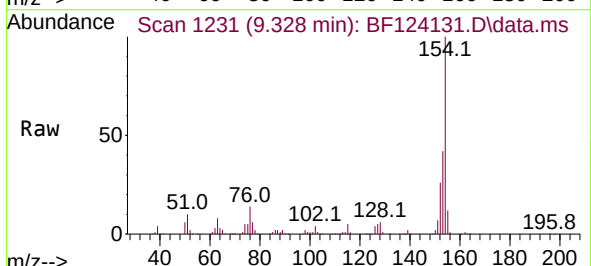
Tgt Ion:172 Resp: 717127
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 21.9 19.2 28.8

Manual Integrations
APPROVED

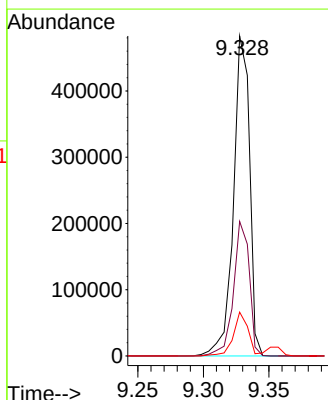
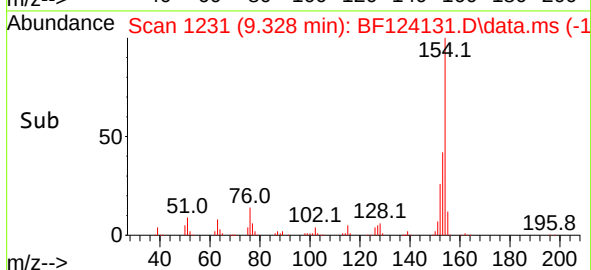
mohammad
6/7/2021 12:24:08 PM

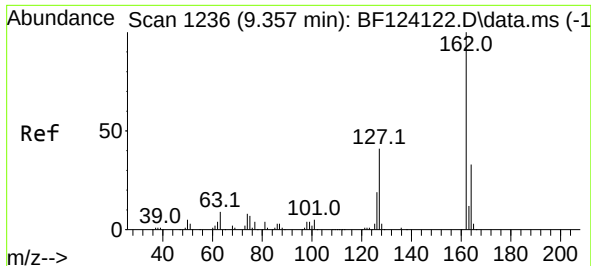


#46
1,1'-Biphenyl
Concen: 42.14 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion:154 Resp: 414207
Ion Ratio Lower Upper
154 100
153 42.0 20.7 60.7
76 13.7 0.0 31.7





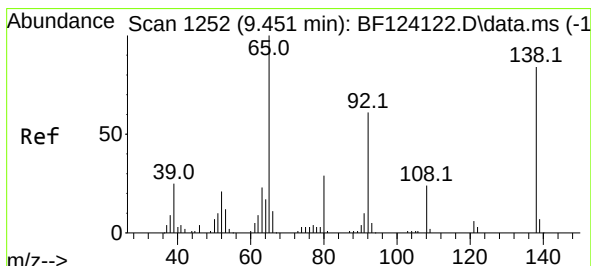
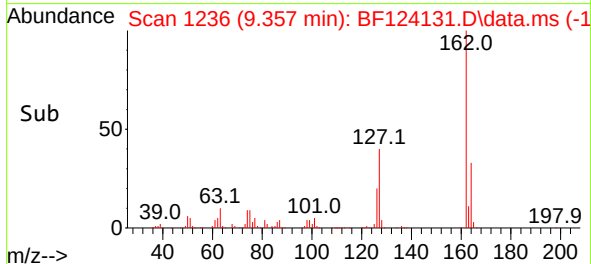
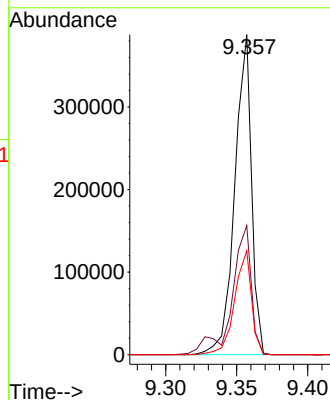
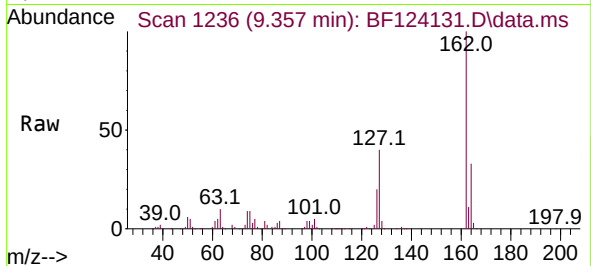
#47
2-Chloronaphthalene
Concen: 39.66 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 162 Resp: 317261
Ion Ratio Lower Upper
162 100
127 40.4 36.2 54.2
164 32.5 25.4 38.2

Instrument :
BNA_F
ClientSampled :
PB136792BS

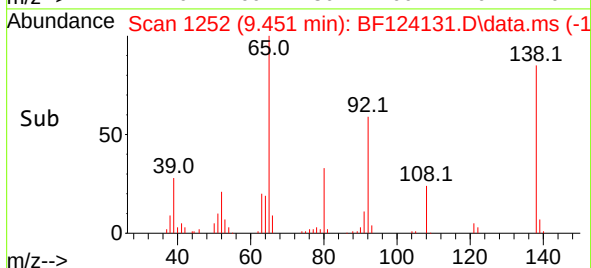
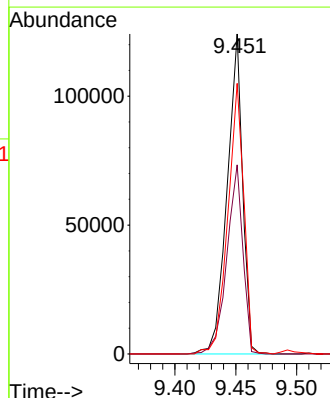
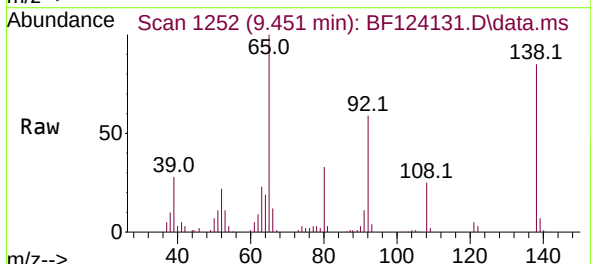
Manual Integrations
APPROVED

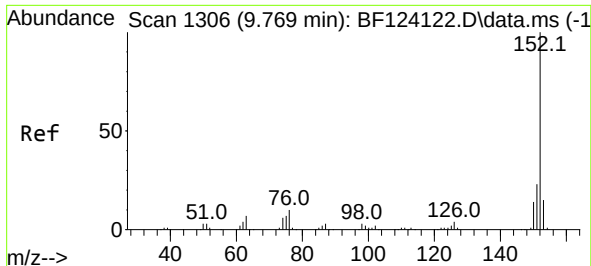
mohammad
6/7/2021 12:24:08 PM



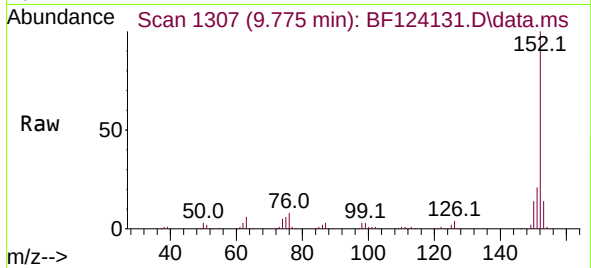
#48
2-Nitroaniline
Concen: 38.24 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion: 65 Resp: 110412
Ion Ratio Lower Upper
65 100
92 59.1 47.1 70.7
138 84.6 70.2 105.2





#49
Acenaphthylene
Concen: 41.49 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

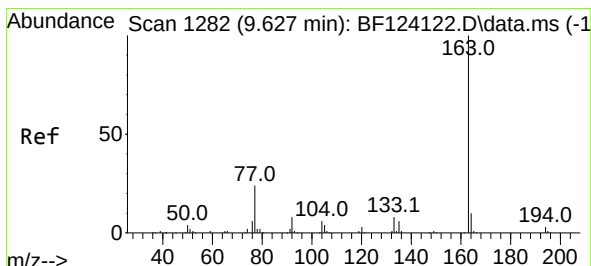
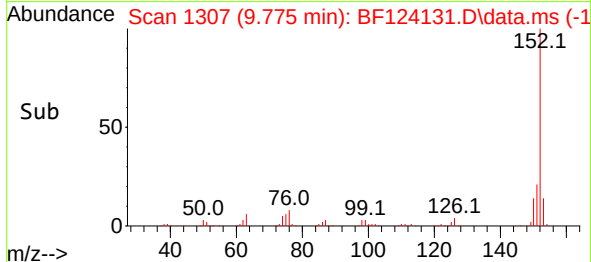
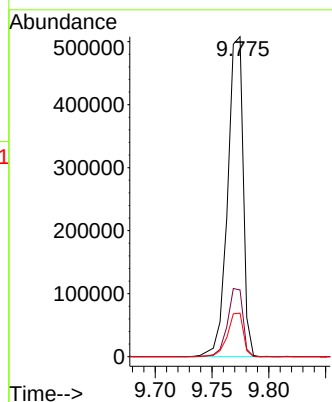


Tgt Ion:152 Resp: 482477
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 13.6 10.4 15.6

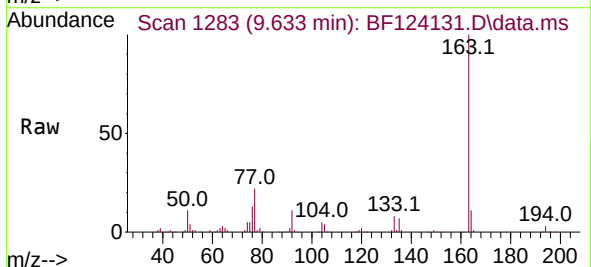
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

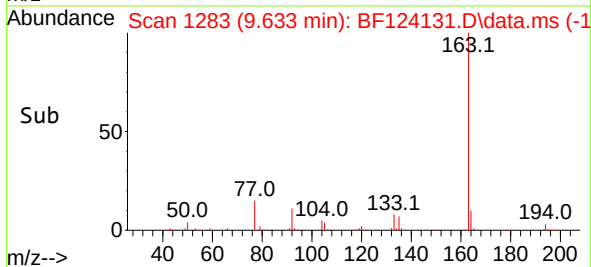
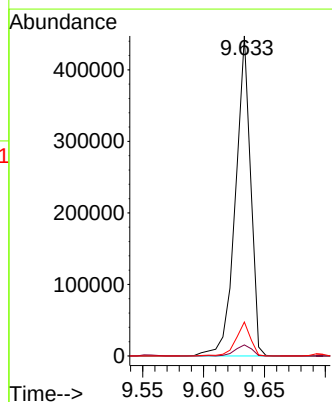
mohammad
6/7/2021 12:24:08 PM

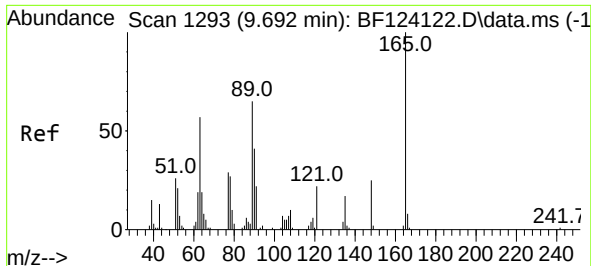


#50
Dimethylphthalate
Concen: 39.97 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion:163 Resp: 384982
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 10.6 8.2 12.2





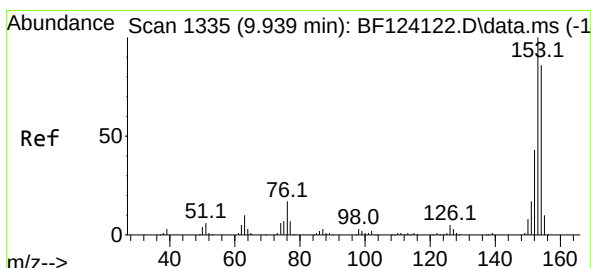
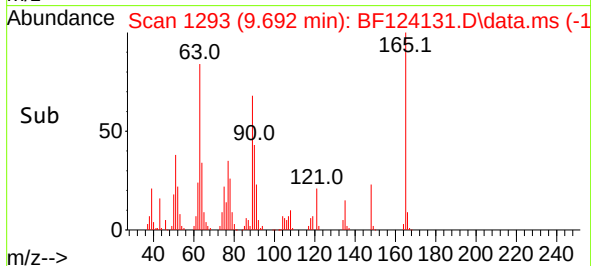
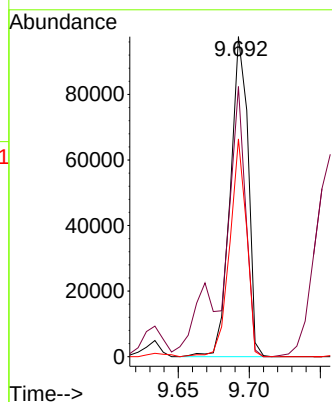
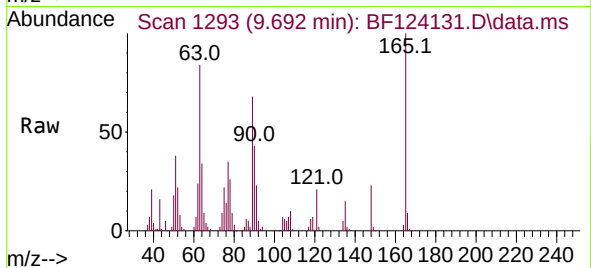
#51
2,6-Dinitrotoluene
Concen: 38.65 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:165 Resp: 85357
Ion Ratio Lower Upper
165 100
63 84.4 67.7 101.5
89 68.1 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
PB136792BS

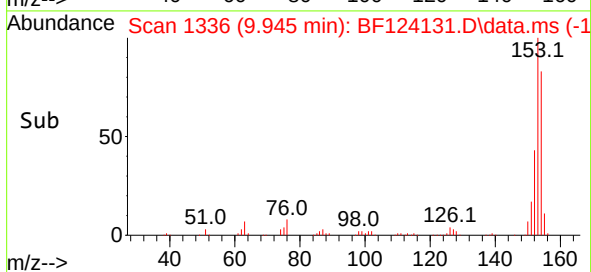
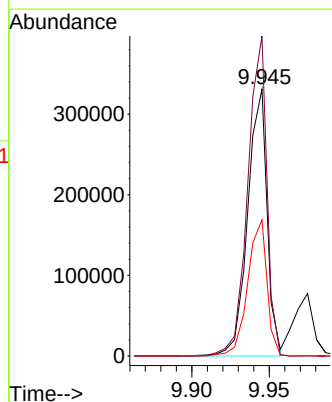
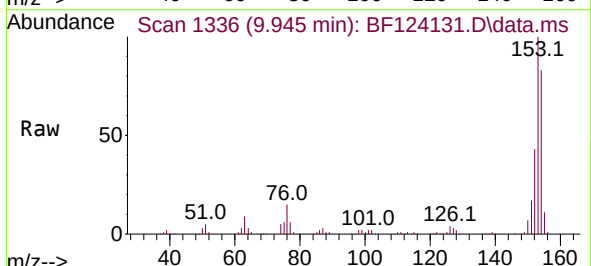
Manual Integrations
APPROVED

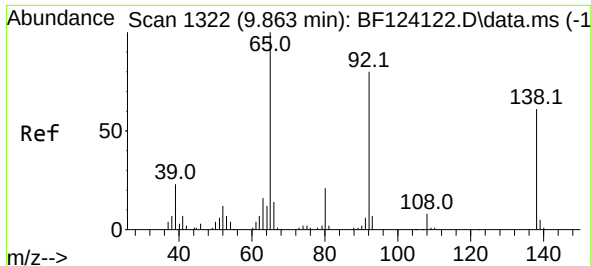
mohammad
6/7/2021 12:24:08 PM



#52
Acenaphthene
Concen: 37.98 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:154 Resp: 288493
Ion Ratio Lower Upper
154 100
153 120.0 88.1 132.1
152 51.1 43.4 65.0





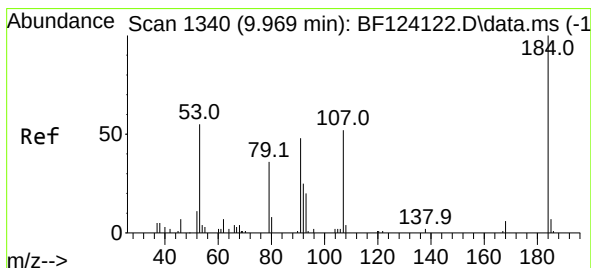
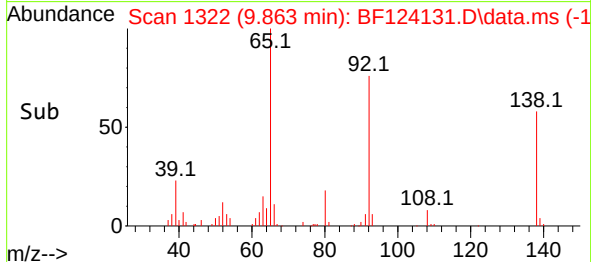
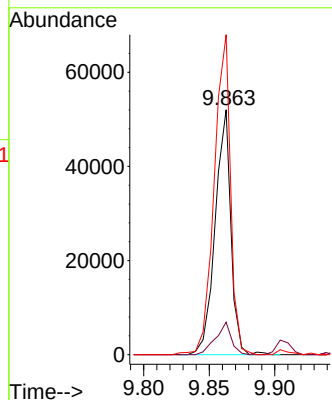
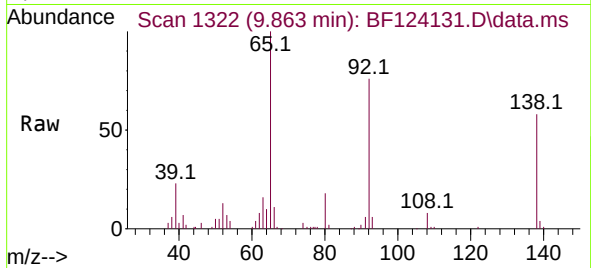
#53
3-Nitroaniline
Concen: 20.99 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:138 Resp: 43381
Ion Ratio Lower Upper
138 100
108 13.3 10.2 15.4
92 130.7 103.3 154.9

Instrument :
BNA_F
ClientSampled :
PB136792BS

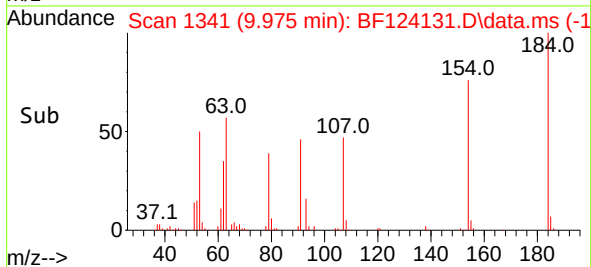
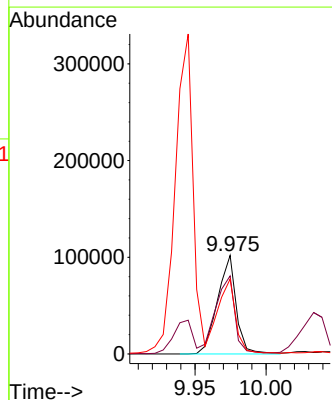
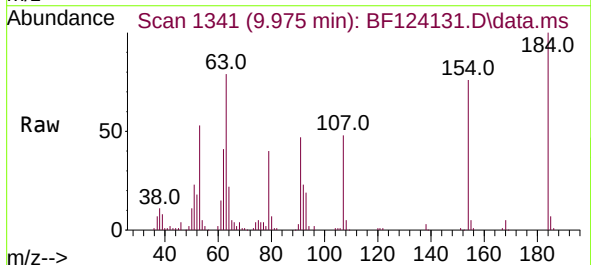
Manual Integrations
APPROVED

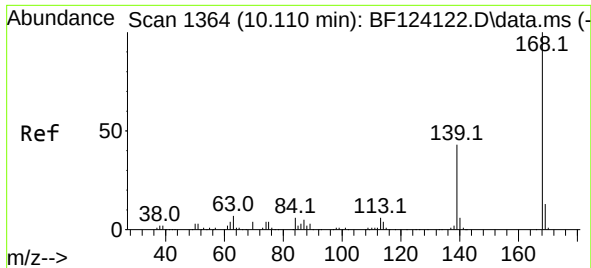
mohammad
6/7/2021 12:24:08 PM



#54
2,4-Dinitrophenol
Concen: 82.64 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

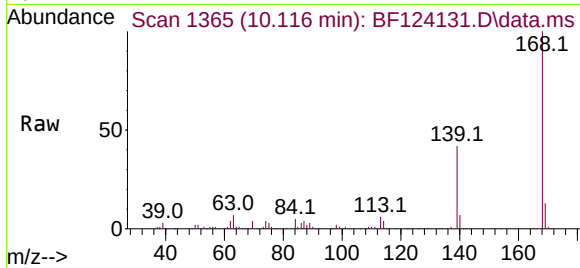
Tgt Ion:184 Resp: 93450
Ion Ratio Lower Upper
184 100
63 79.3 73.5 110.3
154 76.1 52.5 78.7





#55
Dibenzofuran
Concen: 38.64 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

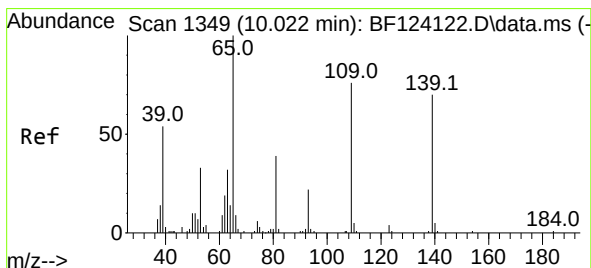
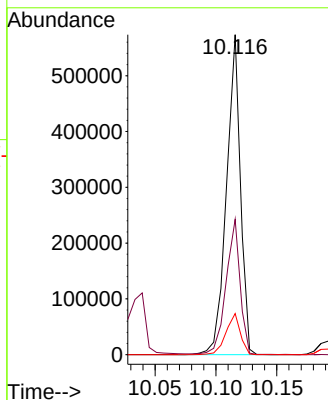
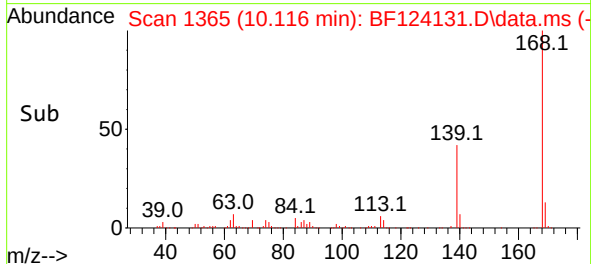
Instrument :
BNA_F
ClientSampled :
PB136792BS



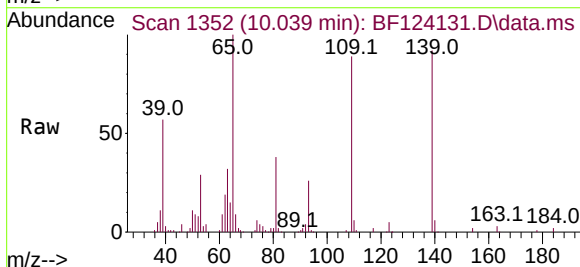
Tgt Ion:168 Resp: 459361
Ion Ratio Lower Upper
168 100
139 42.3 33.2 49.8
169 12.8 10.8 16.2

Manual Integrations
APPROVED

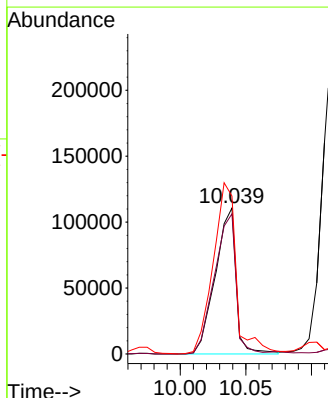
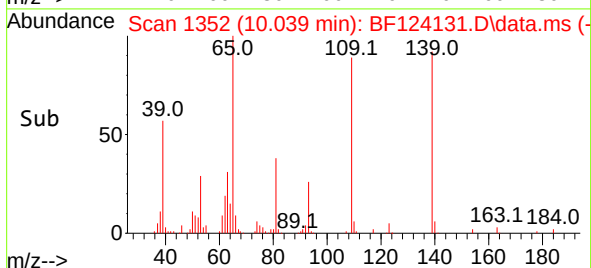
mohammad
6/7/2021 12:24:08 PM

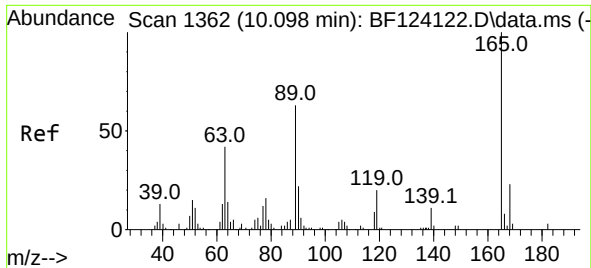


#56
4-Nitrophenol
Concen: 82.53 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



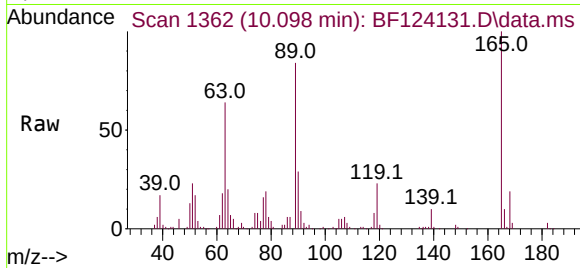
Tgt Ion:139 Resp: 121925
Ion Ratio Lower Upper
139 100
109 96.0 63.2 103.2
65 108.2 110.0 150.0#





#57
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

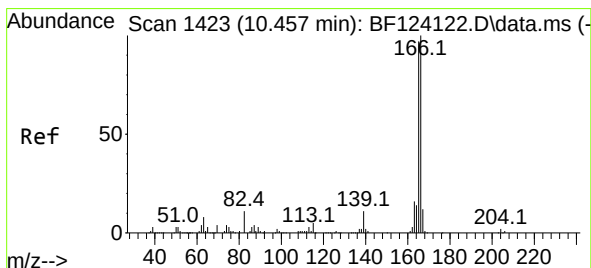
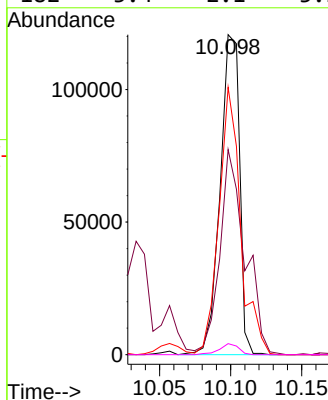
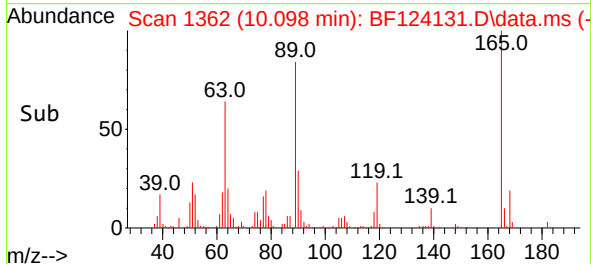
Instrument :
BNA_F
ClientSampleId :
PB136792BS



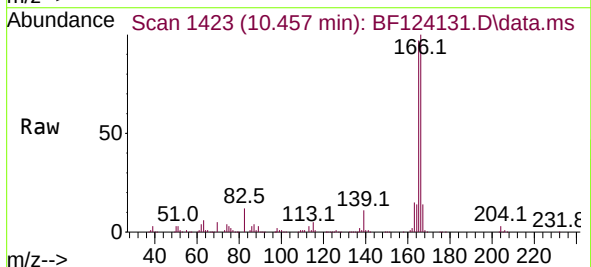
Tgt Ion:165 Resp: 114920
Ion Ratio Lower Upper
165 100
63 64.1 43.5 65.3
89 83.6 67.7 101.5
182 3.4 2.1 3.1#

Manual Integrations
APPROVED

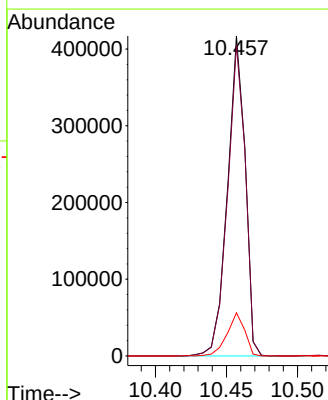
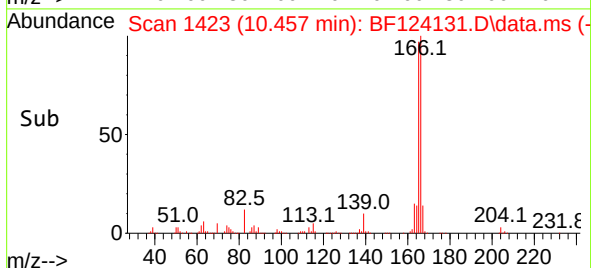
mohammad
6/7/2021 12:24:08 PM

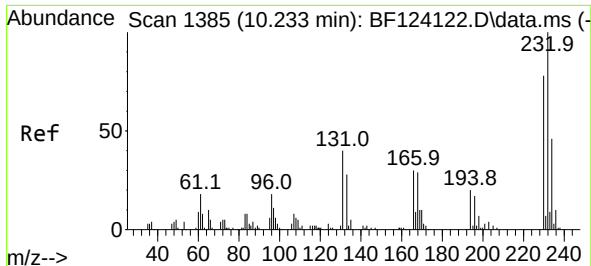


#58
Fluorene
Concen: 39.62 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

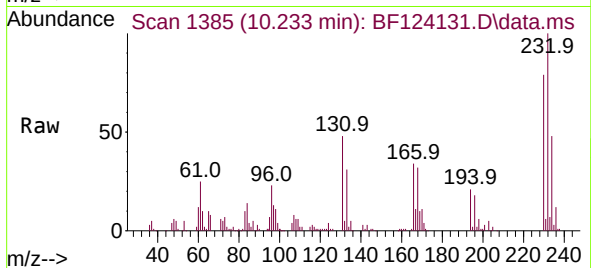


Tgt Ion:166 Resp: 361481
Ion Ratio Lower Upper
166 100
165 97.3 73.5 110.3
167 13.5 10.7 16.1

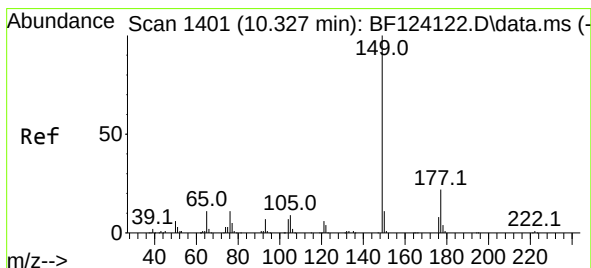
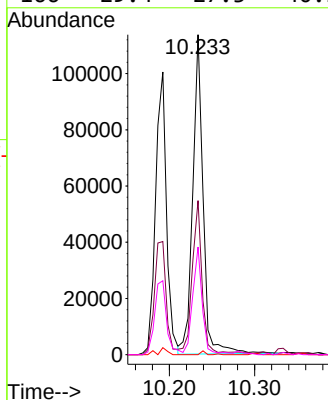
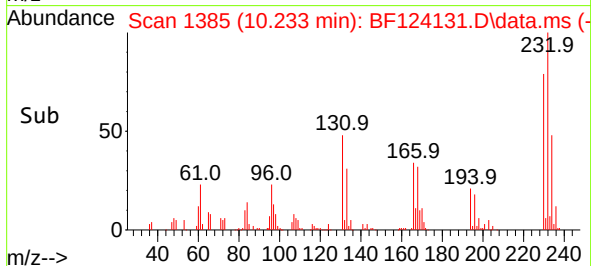




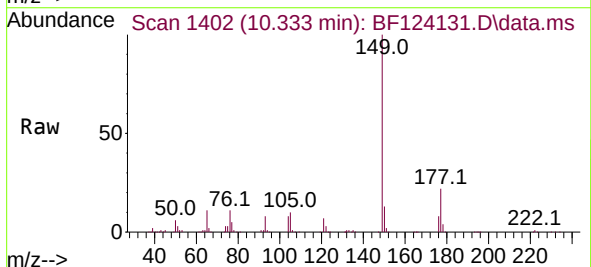
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.10 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



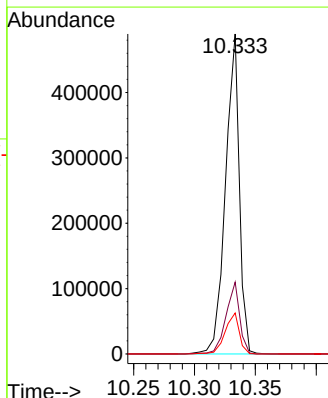
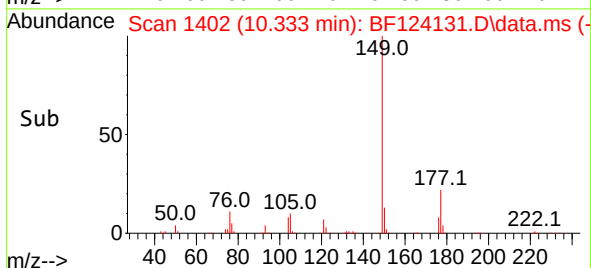
Tgt Ion:232 Resp: 96186
Ion Ratio Lower Upper
232 100
131 46.5 43.2 64.8
130 0.5 2.2 3.2#
166 29.4 27.3 40.9



#60
Diethylphthalate
Concen: 39.89 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



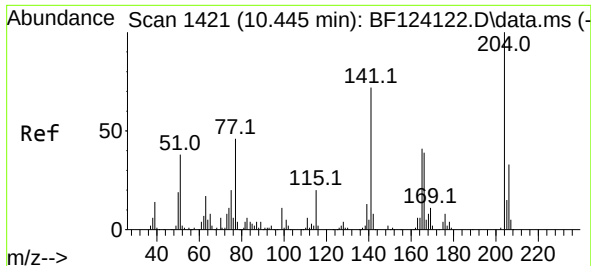
Tgt Ion:149 Resp: 387789
Ion Ratio Lower Upper
149 100
177 22.4 15.4 23.2
150 12.8 9.9 14.9



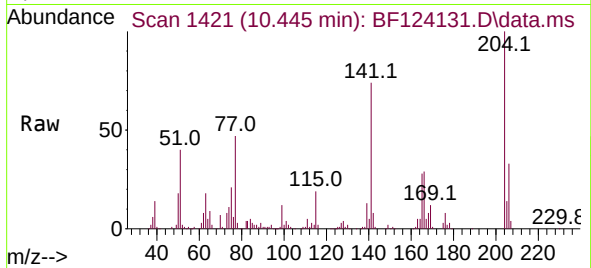
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

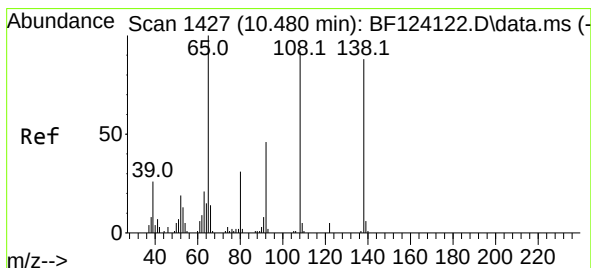
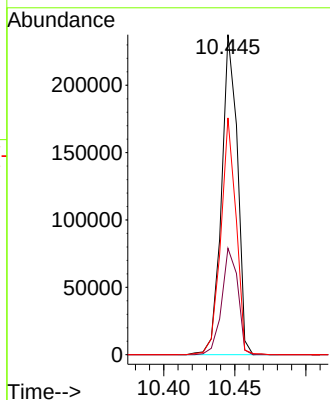
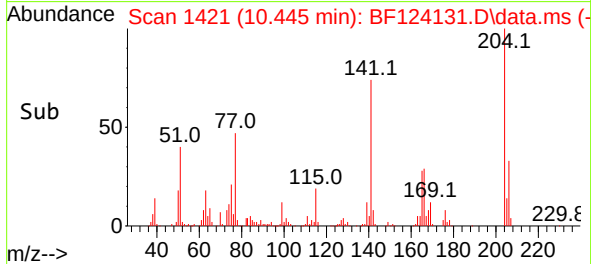
mohammad
6/7/2021 12:24:08 PM



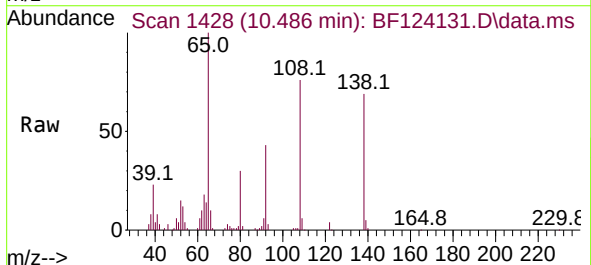
#61
4-Chlorophenyl-phenylether
Concen: 39.32 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



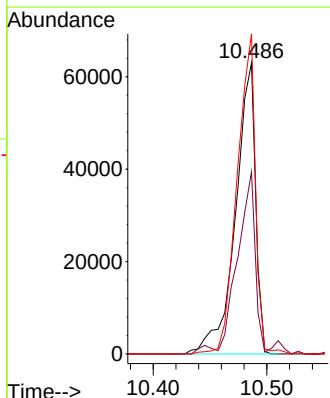
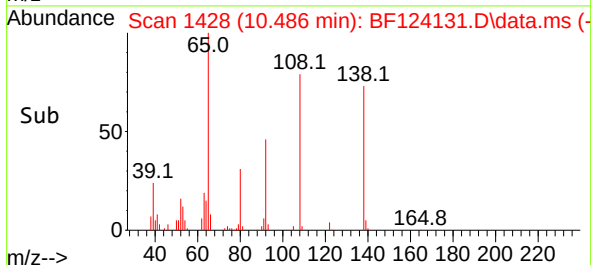
Tgt Ion:204 Resp: 183458
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 74.0 55.5 83.3



#62
4-Nitroaniline
Concen: 37.14 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



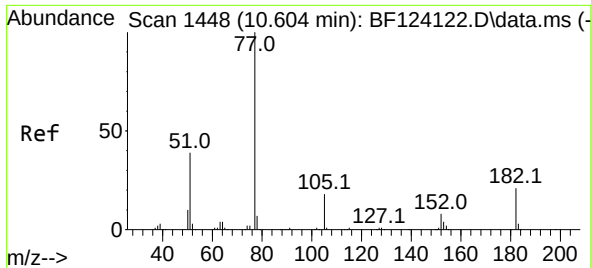
Tgt Ion:138 Resp: 77198
Ion Ratio Lower Upper
138 100
92 62.5 35.8 75.8
108 109.9 63.6 103.6#



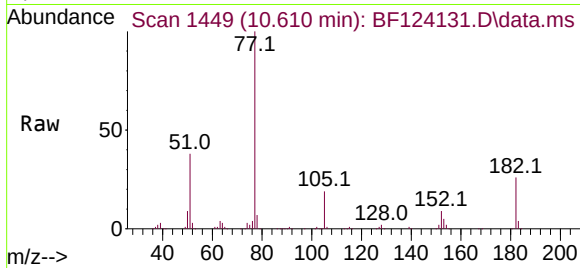
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

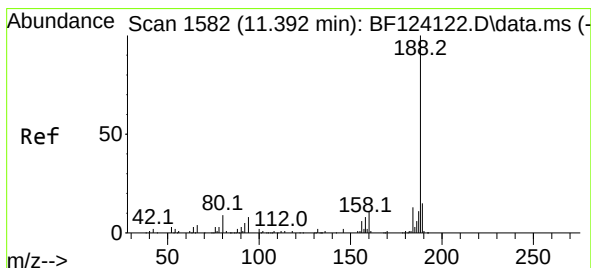
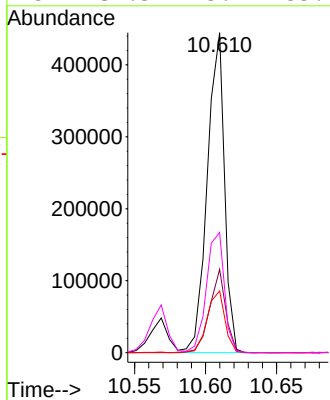
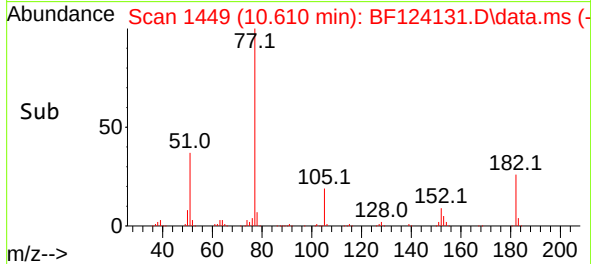
mohammad
6/7/2021 12:24:08 PM



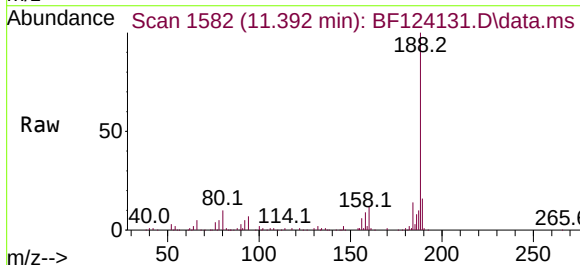
#63
Azobenzene
Concen: 36.91 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



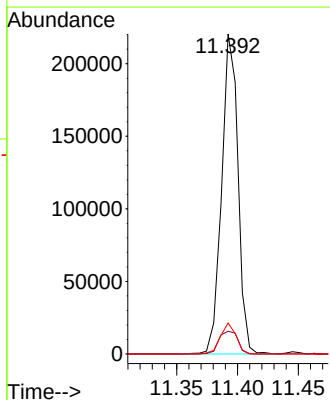
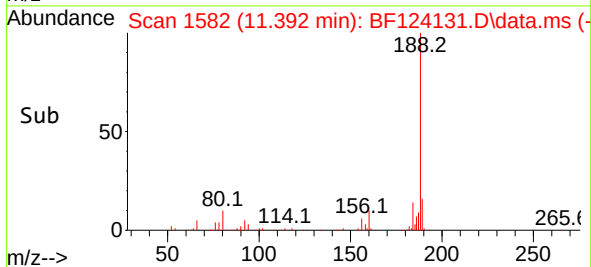
Tgt Ion: 77 Resp: 374032
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 19.3 1.7 41.7
51 37.5 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



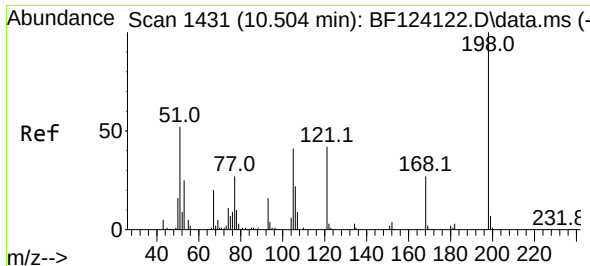
Tgt Ion: 188 Resp: 205942
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 9.7 8.2 12.2



Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



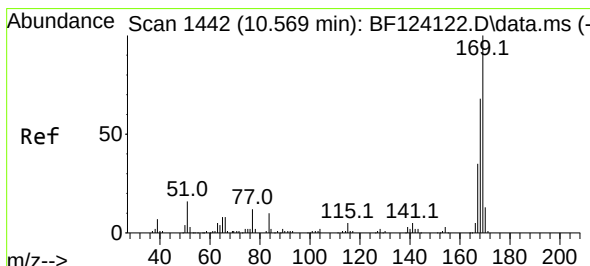
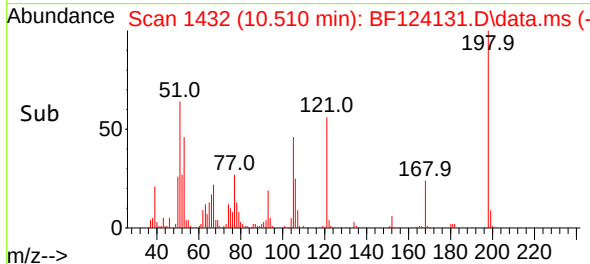
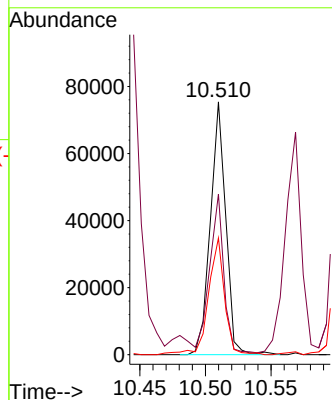
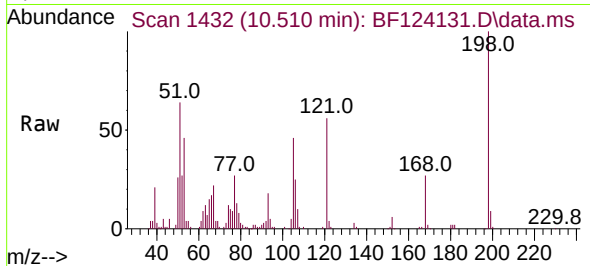
#65
4,6-Dinitro-2-methylphenol
Concen: 37.31 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:198 Resp: 61754
Ion Ratio Lower Upper
198 100
51 63.5 64.8 104.8#
105 46.1 42.6 82.6

Instrument :
BNA_F
ClientSampleId :
PB136792BS

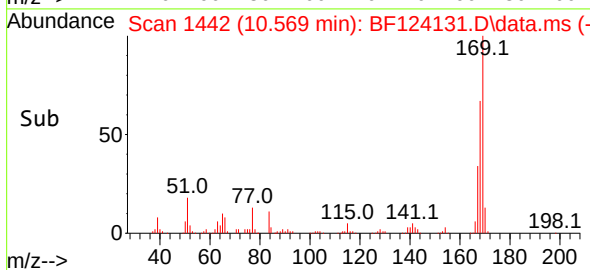
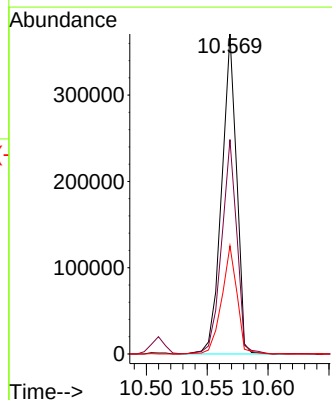
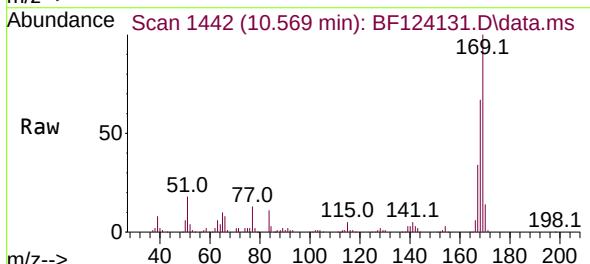
Manual Integrations
APPROVED

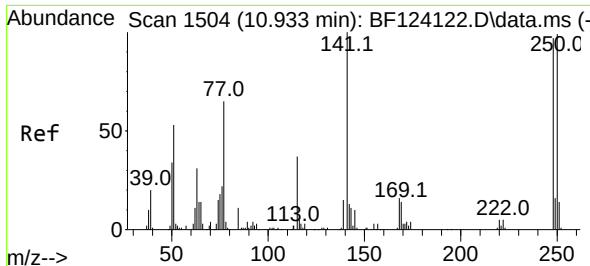
mohammad
6/7/2021 12:24:08 PM



#66
n-Nitrosodiphenylamine
Concen: 40.47 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

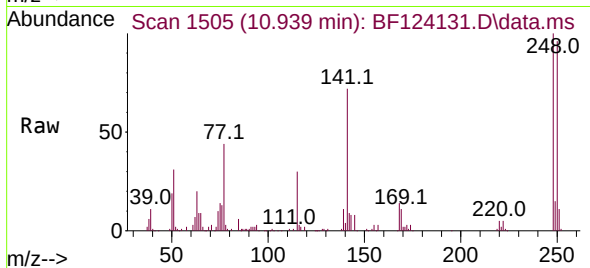
Tgt Ion:169 Resp: 316686
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 33.8 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 40.72 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

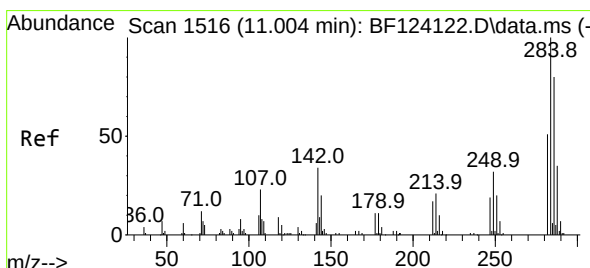
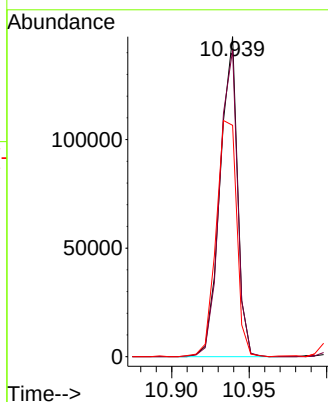
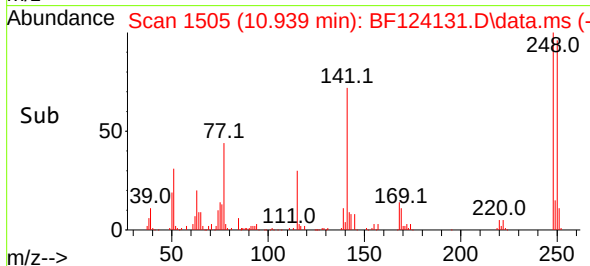
Instrument :
BNA_F
ClientSampleId :
PB136792BS



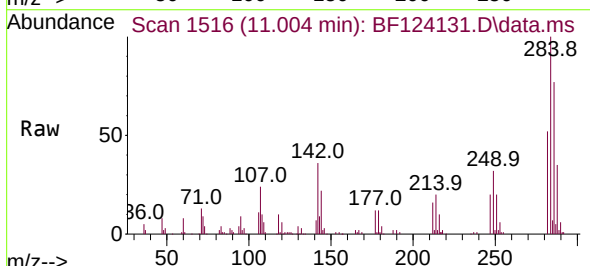
Tgt Ion:248 Resp: 115109
Ion Ratio Lower Upper
248 100
250 95.9 77.4 116.2
141 72.3 63.7 95.5

Manual Integrations
APPROVED

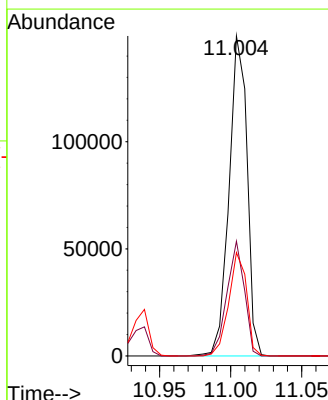
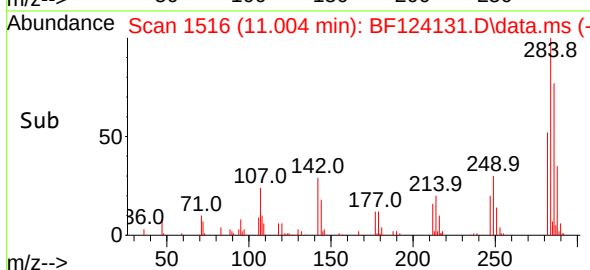
mohammad
6/7/2021 12:24:08 PM

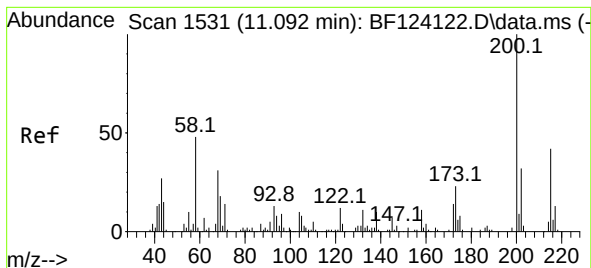


#68
Hexachlorobenzene
Concen: 41.16 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion:284 Resp: 131780
Ion Ratio Lower Upper
284 100
142 35.9 28.3 42.5
249 32.3 23.5 35.3





#69

Atrazine

Concen: 51.51 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion:200	Resp: 114097
Ion Ratio	Lower Upper
200 100	
173 24.8	6.9 46.9
215 46.0	26.5 66.5

Instrument :

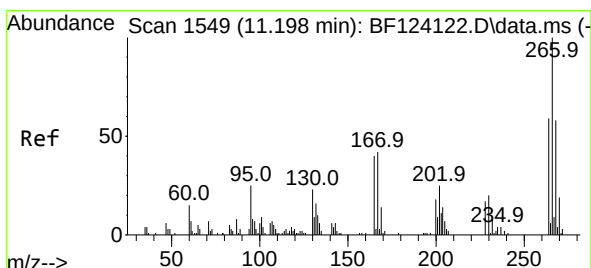
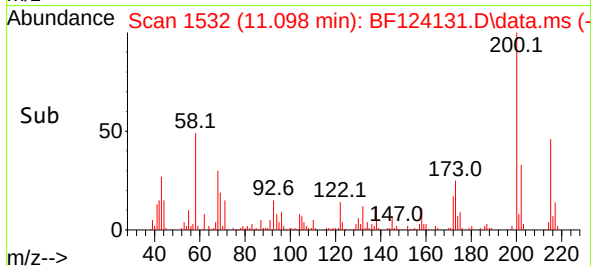
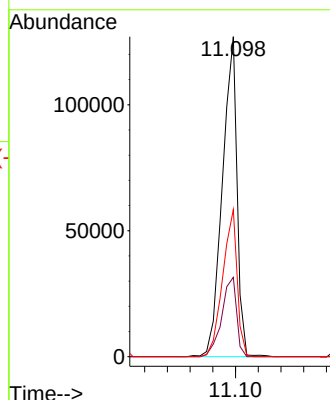
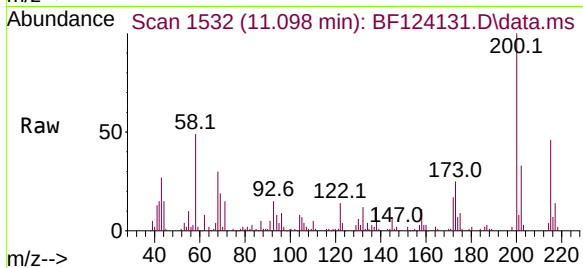
BNA_F

ClientSampleId :

PB136792BS

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



#70

Pentachlorophenol

Concen: 76.89 ng

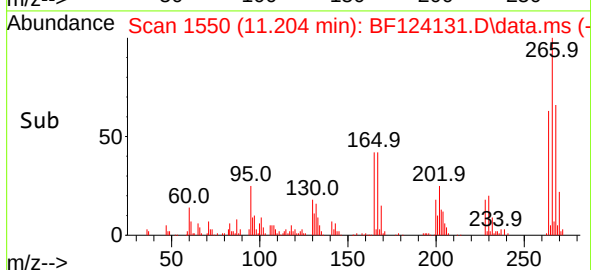
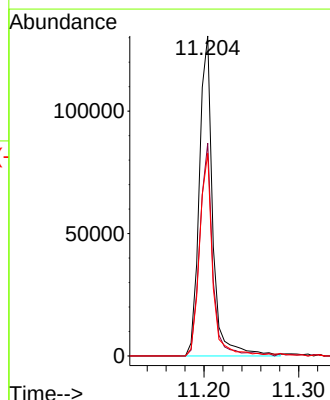
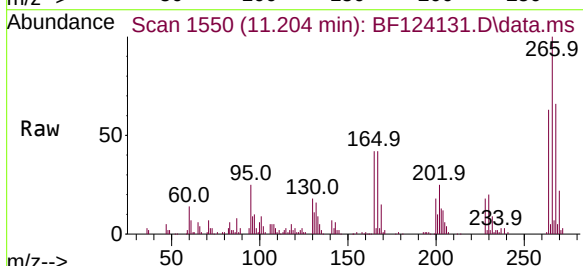
RT: 11.204 min Scan# 1550

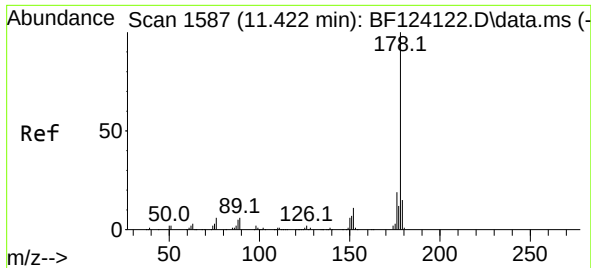
Delta R.T. 0.006 min

Lab File: BF124131.D

Acq: 4 Jun 2021 10:22

Tgt Ion:266	Resp: 129392
Ion Ratio	Lower Upper
266 100	
268 66.5	51.6 77.4
264 63.3	52.6 78.8





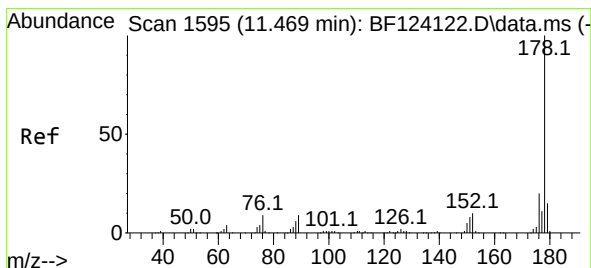
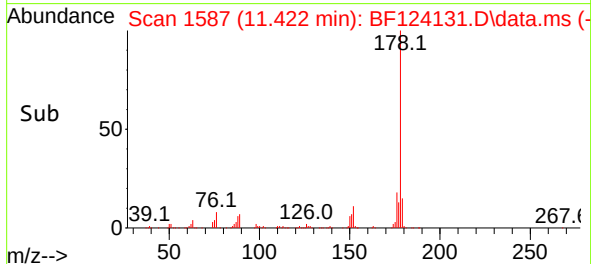
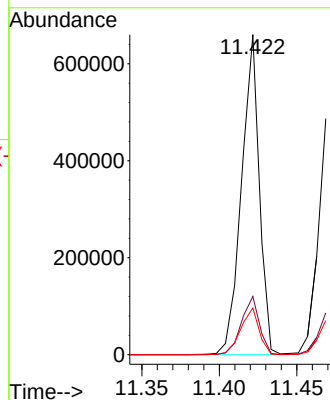
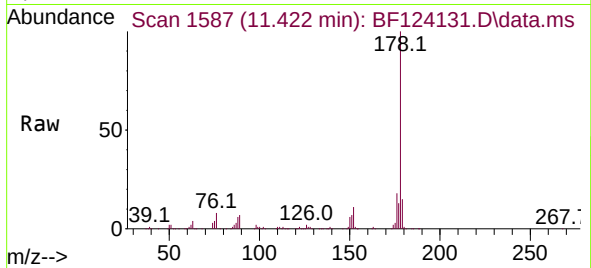
#71
Phenanthrene
Concen: 41.06 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

Tgt Ion:178 Resp: 528283
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 14.6 12.5 18.7

Instrument :
BNA_F
ClientSampleId :
PB136792BS

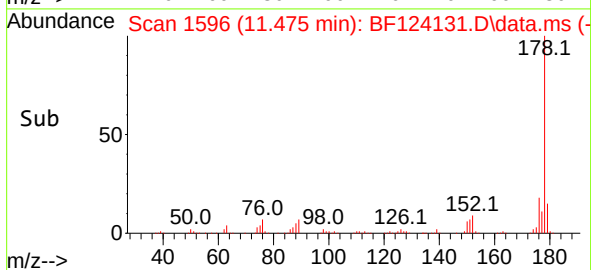
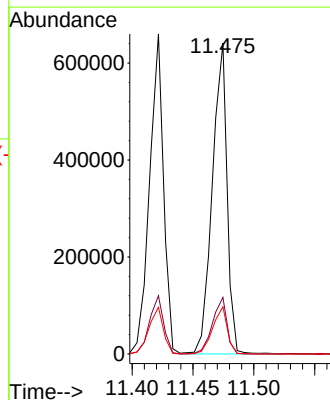
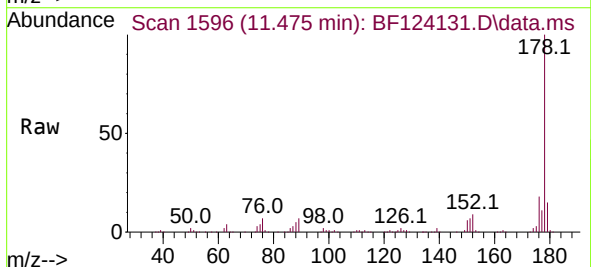
Manual Integrations
APPROVED

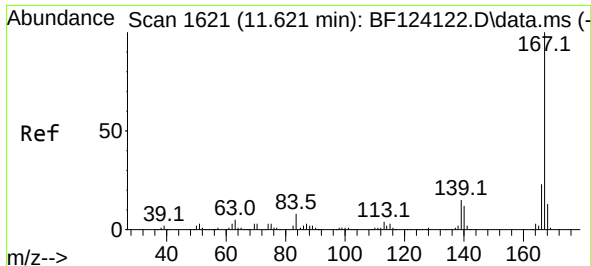
mohammad
6/7/2021 12:24:08 PM



#72
Anthracene
Concen: 41.71 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

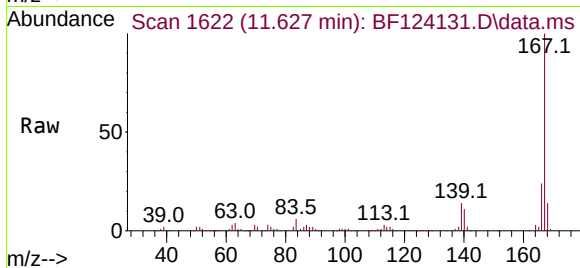
Tgt Ion:178 Resp: 540431
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 15.2 12.6 18.8





#73
Carbazole
Concen: 38.51 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

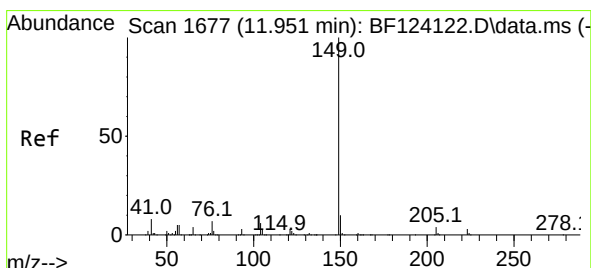
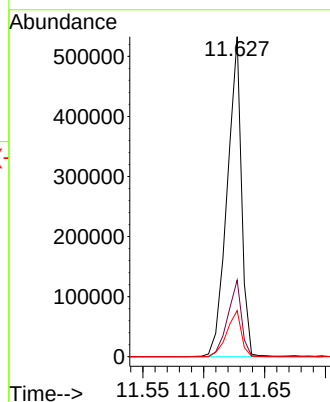
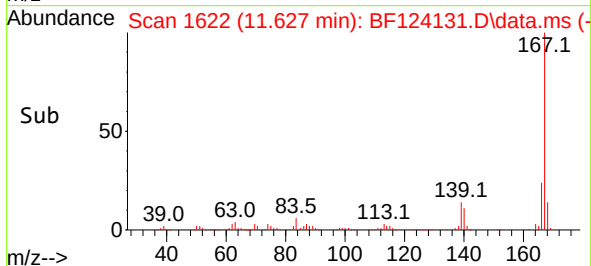
Instrument :
BNA_F
ClientSampleId :
PB136792BS



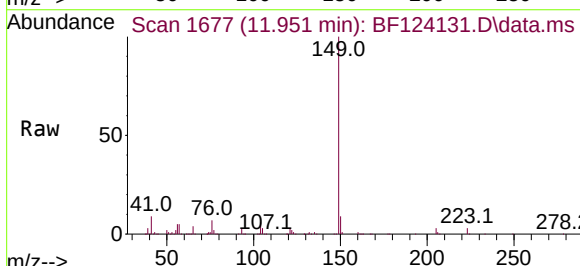
Tgt Ion:167 Resp: 434801
Ion Ratio Lower Upper
167 100
166 23.9 17.0 25.6
139 14.4 10.4 15.6

Manual Integrations
APPROVED

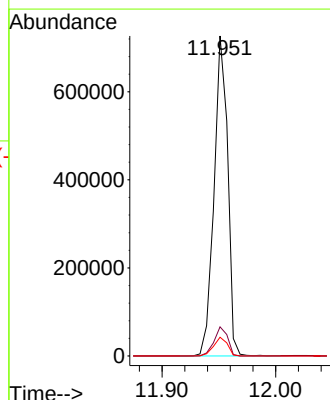
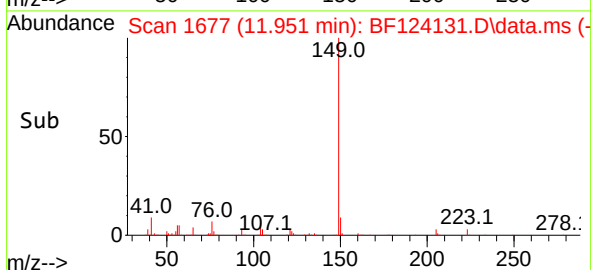
mohammad
6/7/2021 12:24:08 PM

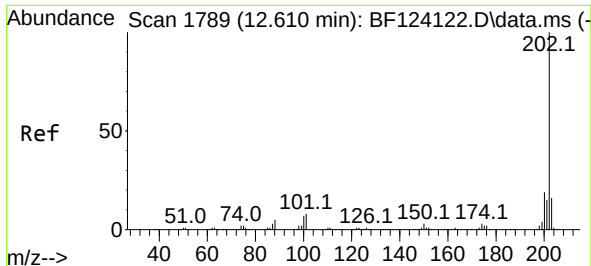


#74
Di-n-butylphthalate
Concen: 41.64 ng
RT: 11.951 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



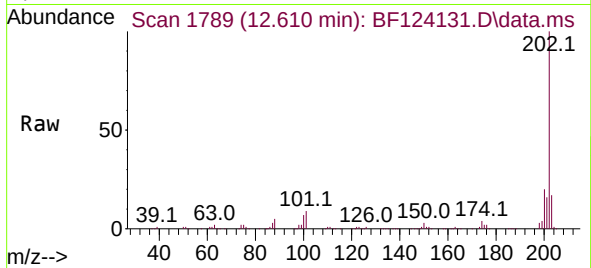
Tgt Ion:149 Resp: 604172
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.8
104 5.8 4.6 6.8





#75
Fluoranthene
Concen: 39.55 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

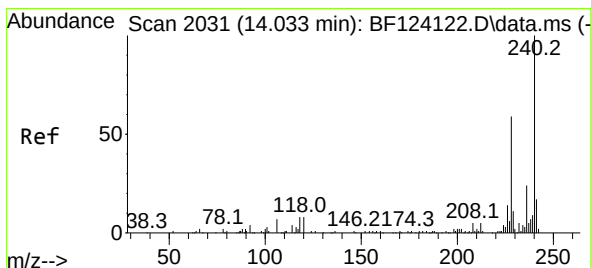
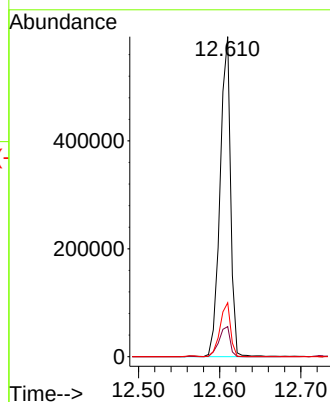
Instrument :
BNA_F
ClientSampleId :
PB136792BS



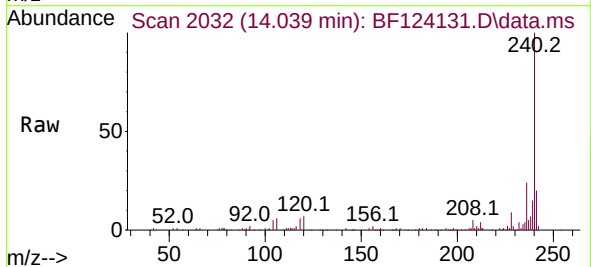
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.9
203	16.9	0.0	37.5

Manual Integrations
APPROVED

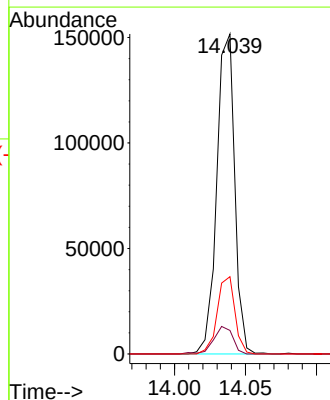
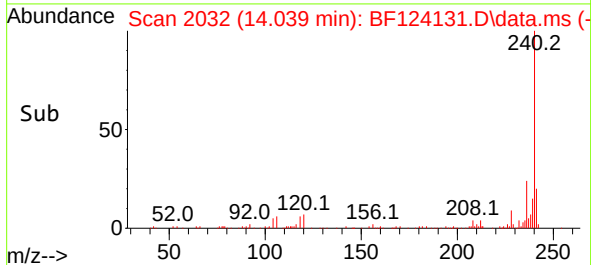
mohammad
6/7/2021 12:24:08 PM

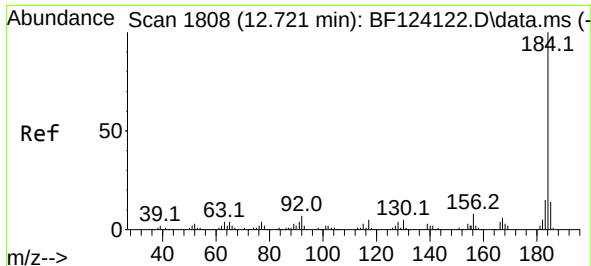


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

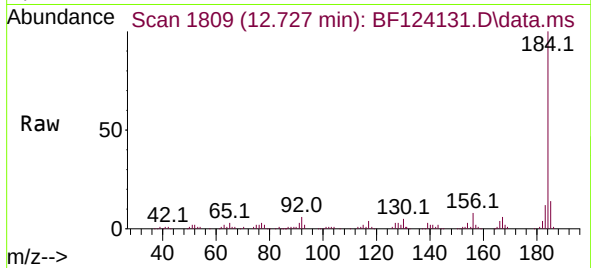


Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.2	10.8
236	24.1	19.0	28.4

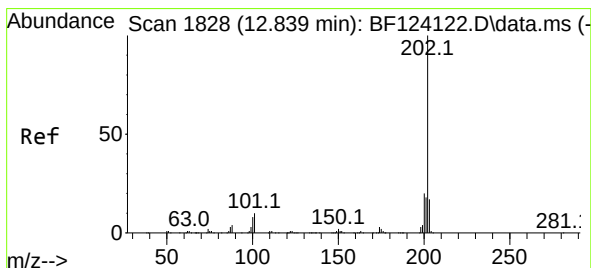
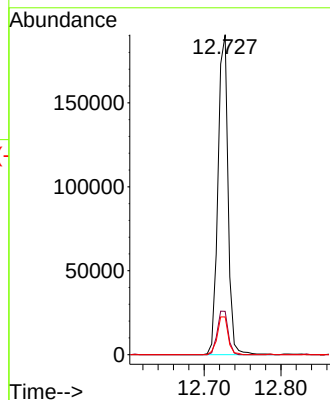
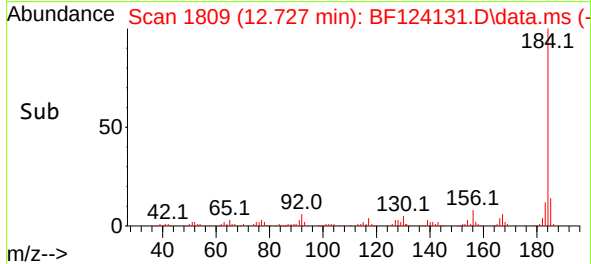




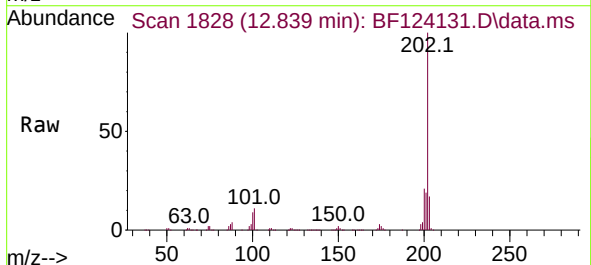
#77
Benzidine
Concen: 55.17 ng m
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



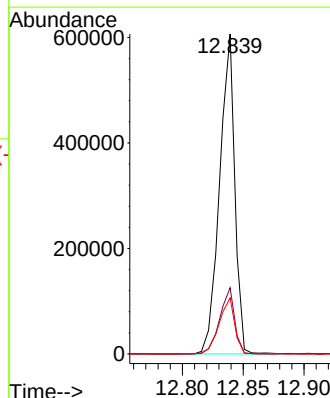
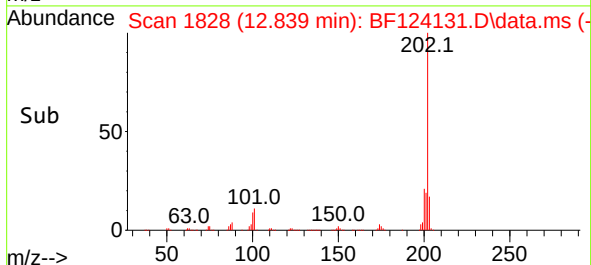
Tgt Ion:184 Resp: 173207
Ion Ratio Lower Upper
184 100
185 13.6 12.1 18.1
183 11.8 7.8 11.8#



#78
Pyrene
Concen: 41.25 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



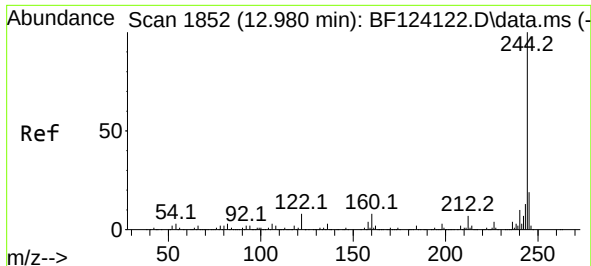
Tgt Ion:202 Resp: 527234
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 17.5 14.8 22.2



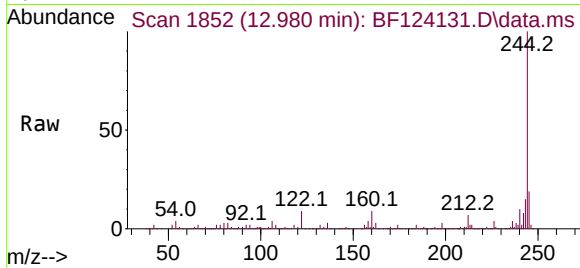
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

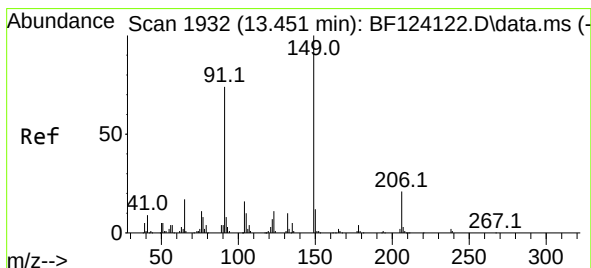
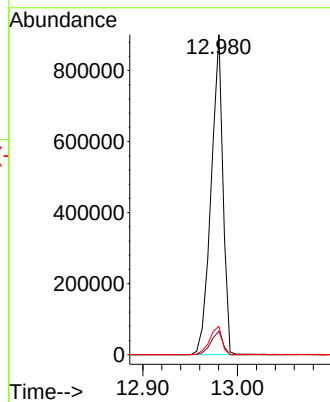
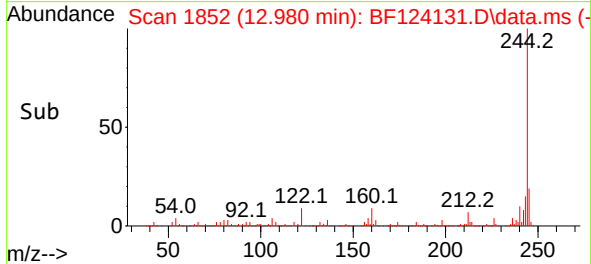
mohammad
6/7/2021 12:24:08 PM



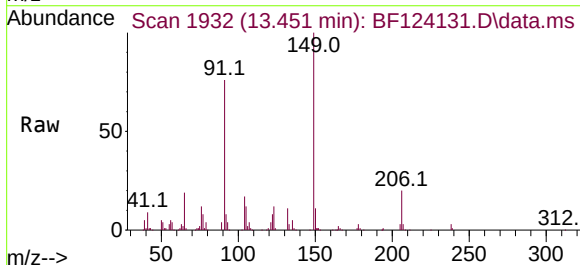
#79
 Terphenyl-d14
 Concen: 80.37 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF124131.D
 Acq: 4 Jun 2021 10:22



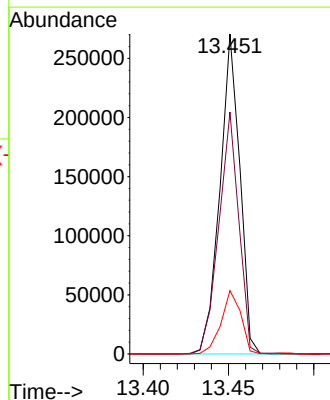
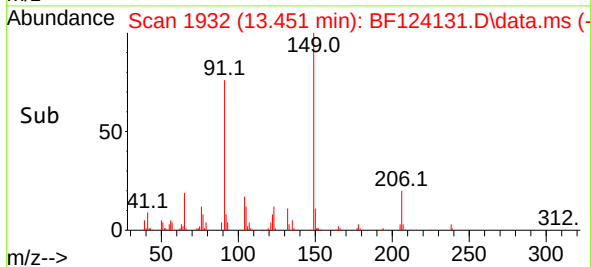
Tgt Ion:244 Resp: 779193
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.9 9.7 14.5#



#80
 Butylbenzylphthalate
 Concen: 42.43 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BF124131.D
 Acq: 4 Jun 2021 10:22



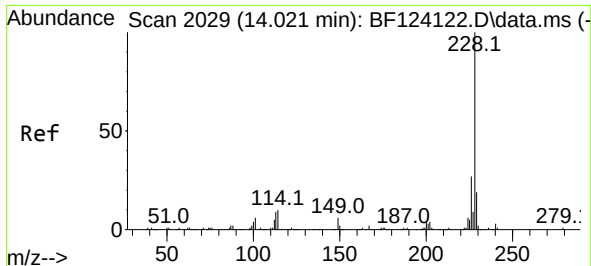
Tgt Ion:149 Resp: 219995
 Ion Ratio Lower Upper
 149 100
 91 75.6 63.6 95.4
 206 19.8 14.5 21.7



Instrument :
 BNA_F
 ClientSampleId :
 PB136792BS

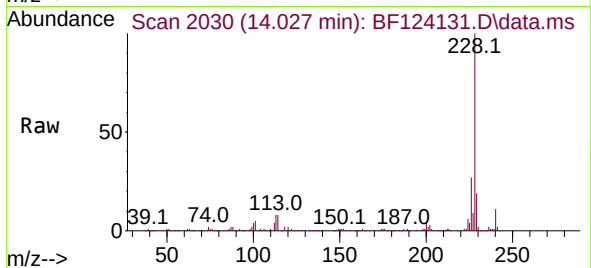
Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:24:08 PM



#81
Benzo(a)anthracene
Concen: 40.23 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

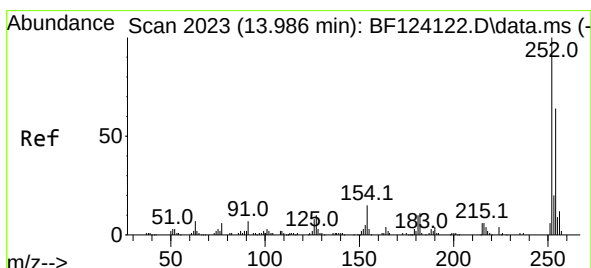
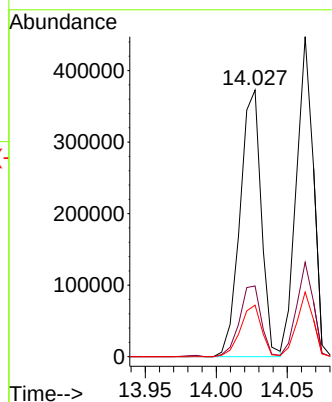
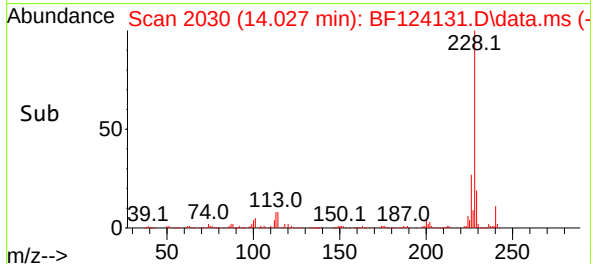
Instrument :
BNA_F
ClientSampleId :
PB136792BS



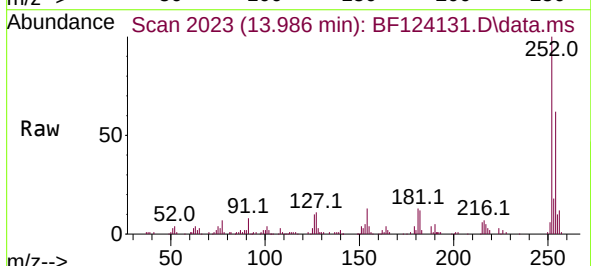
Tgt Ion:228 Resp: 390146
Ion Ratio Lower Upper
228 100
226 26.5 22.4 33.6
229 19.3 16.0 24.0

Manual Integrations
APPROVED

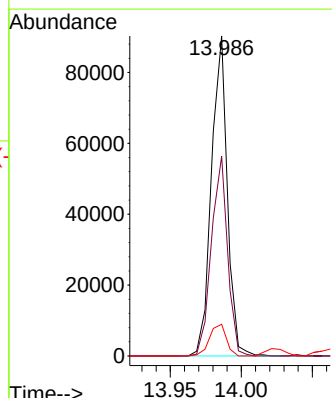
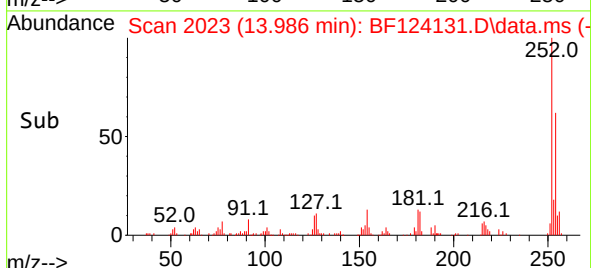
mohammad
6/7/2021 12:24:08 PM

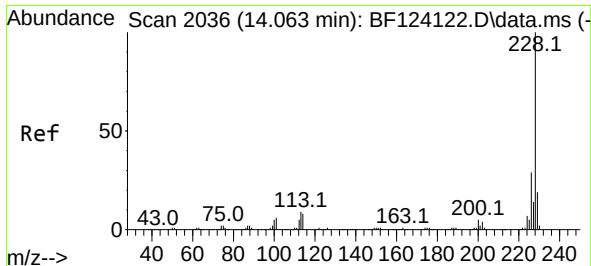


#82
3,3'-Dichlorobenzidine
Concen: 24.66 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

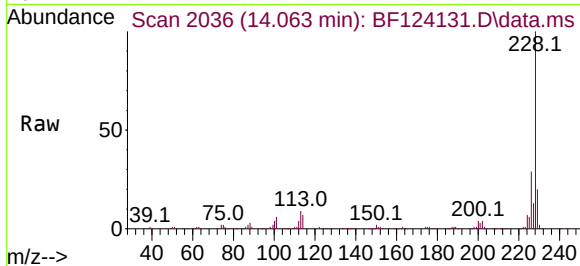


Tgt Ion:252 Resp: 70149
Ion Ratio Lower Upper
252 100
254 62.4 51.1 76.7
126 9.9 7.7 11.5

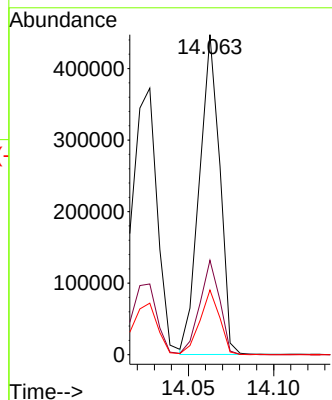
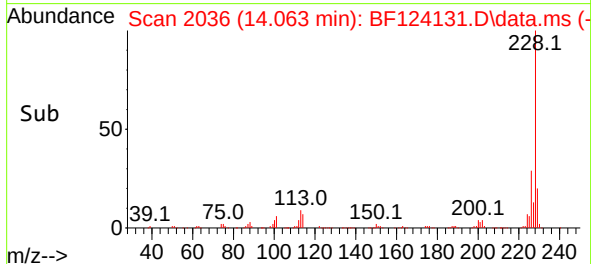




#83
Chrysene
Concen: 39.60 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



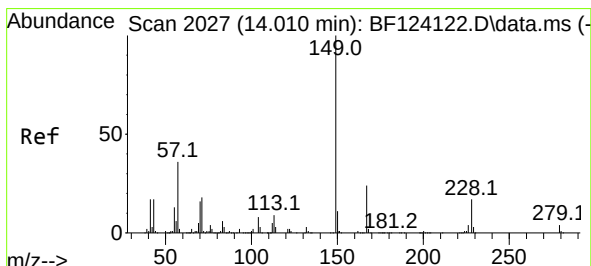
Tgt Ion:228 Resp: 370479
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 20.2 16.2 24.2



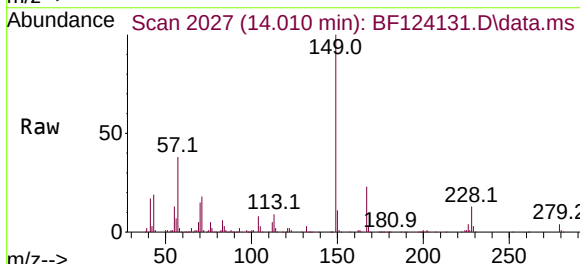
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

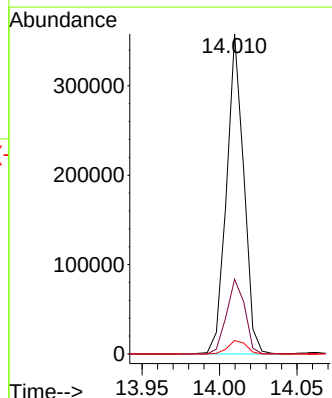
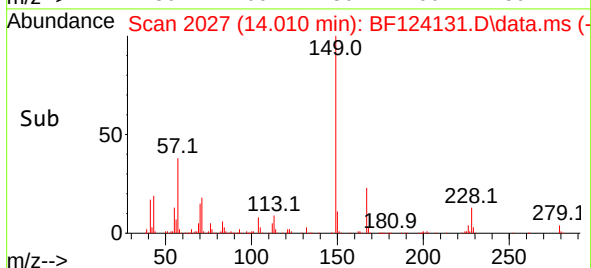
mohammad
6/7/2021 12:24:08 PM

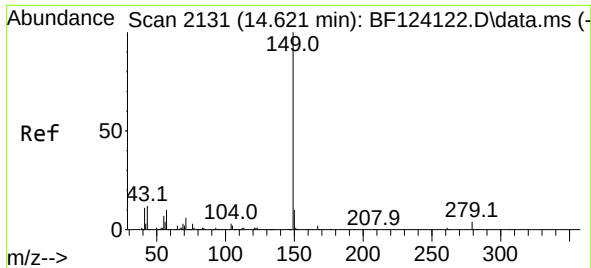


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.87 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



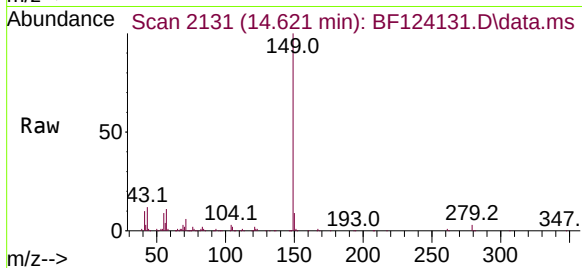
Tgt Ion:149 Resp: 276735
Ion Ratio Lower Upper
149 100
167 23.3 21.8 32.6
279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.84 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

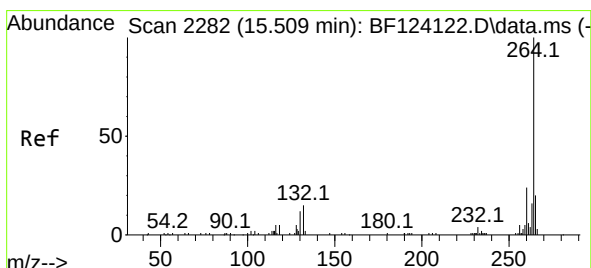
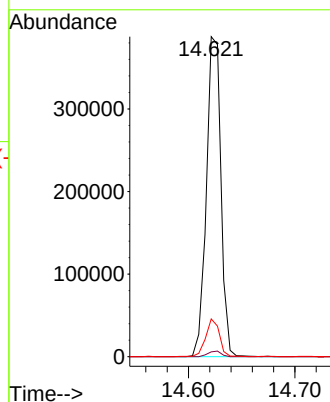
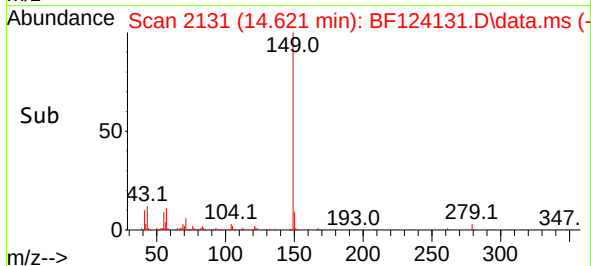
Instrument :
BNA_F
ClientSampleId :
PB136792BS



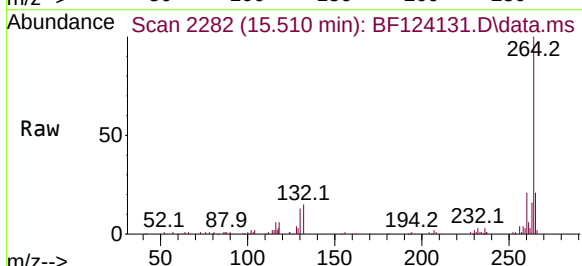
Tgt Ion:149 Resp: 369083
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 11.8 17.6#

Manual Integrations
APPROVED

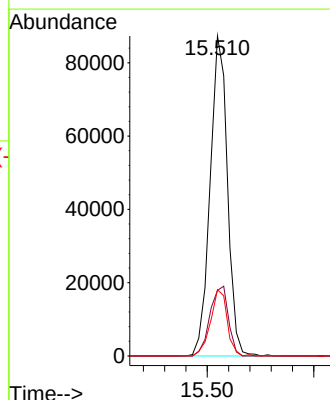
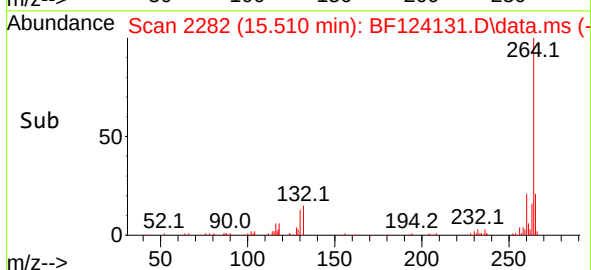
mohammad
6/7/2021 12:24:08 PM

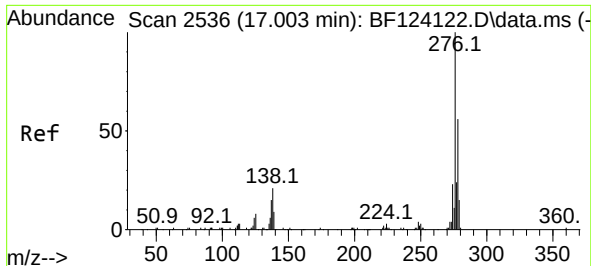


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.001 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



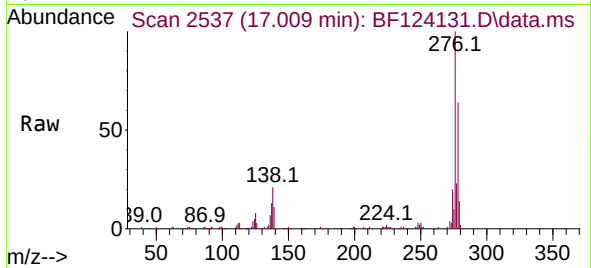
Tgt Ion:264 Resp: 98810
Ion Ratio Lower Upper
264 100
260 20.5 18.7 28.1
265 20.7 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.32 ng
RT: 17.009 min Scan# 2537
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

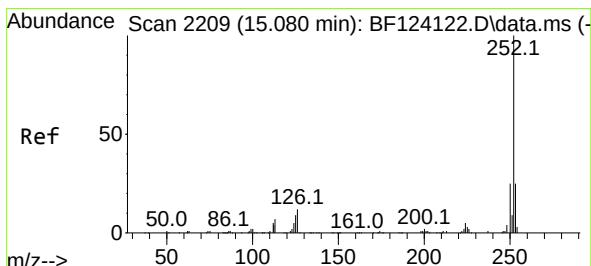
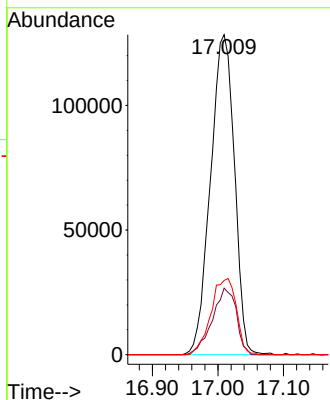
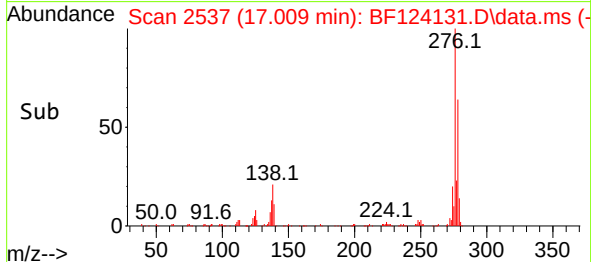
Instrument :
BNA_F
ClientSampleId :
PB136792BS



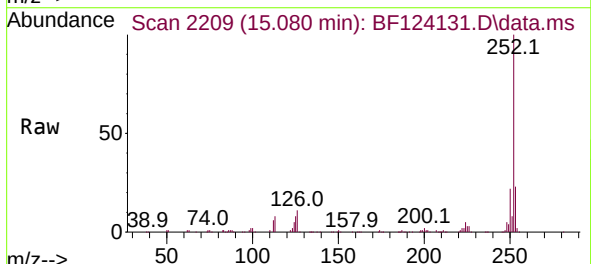
Tgt Ion:276 Resp: 325287
Ion Ratio Lower Upper
276 100
138 20.8 16.2 24.2
277 25.2 20.1 30.1

Manual Integrations
APPROVED

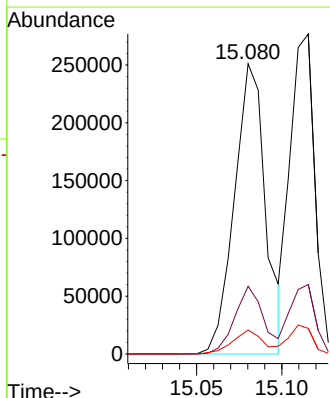
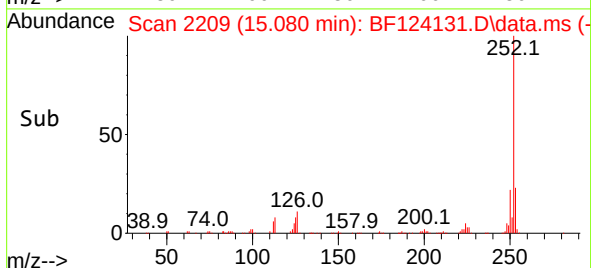
mohammad
6/7/2021 12:24:08 PM

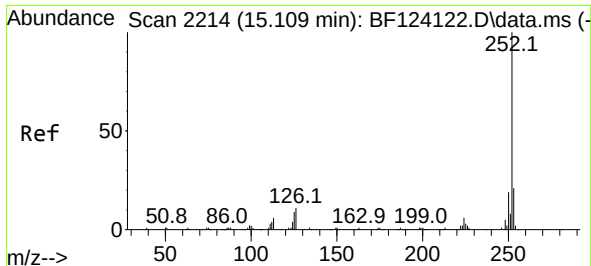


#88
Benzo(b)fluoranthene
Concen: 41.48 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

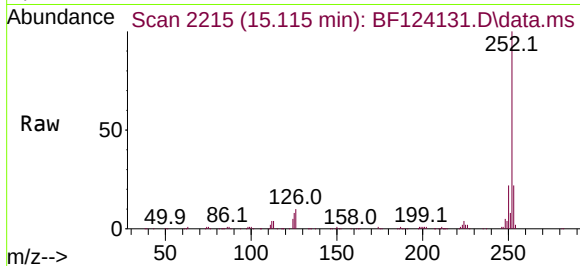


Tgt Ion:252 Resp: 318393
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 8.3 6.2 9.4

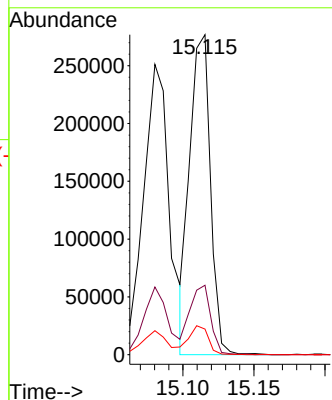
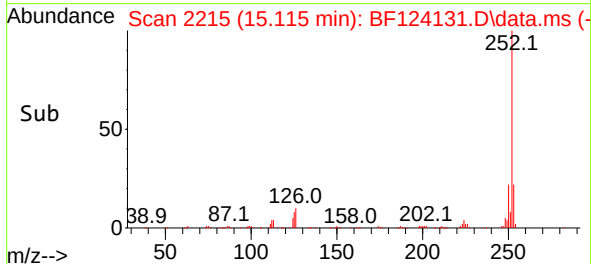




#89
Benzo(k)fluoranthene
Concen: 38.62 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



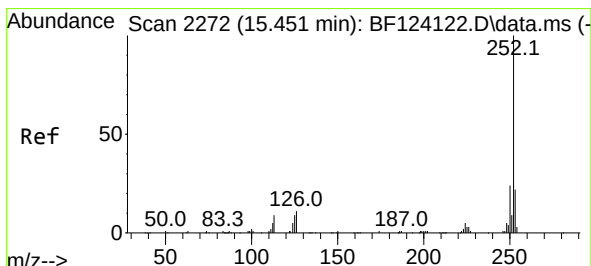
Tgt Ion:252 Resp: 280597
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.0 7.0 10.6



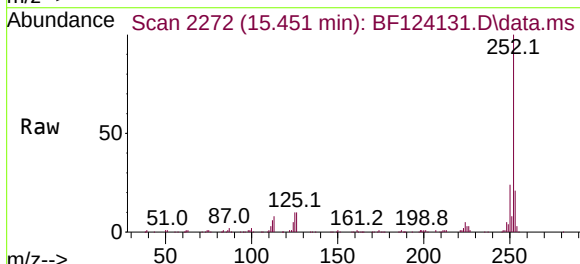
Instrument :
BNA_F
ClientSampleId :
PB136792BS

Manual Integrations
APPROVED

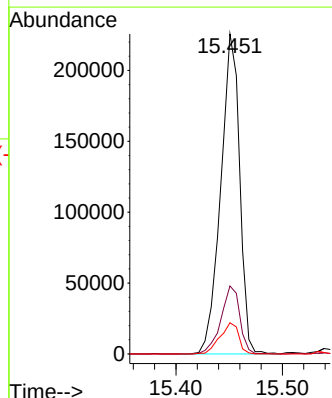
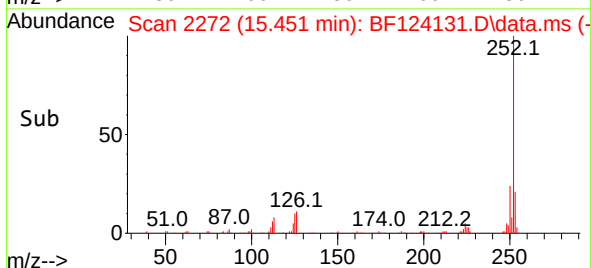
mohammad
6/7/2021 12:24:08 PM

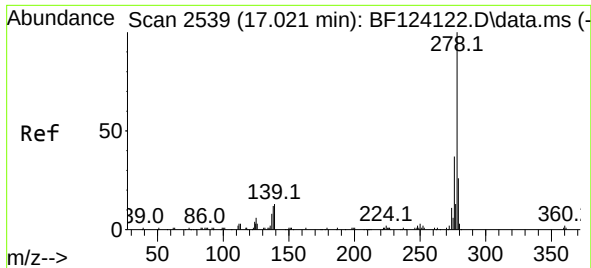


#90
Benzo(a)pyrene
Concen: 41.67 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



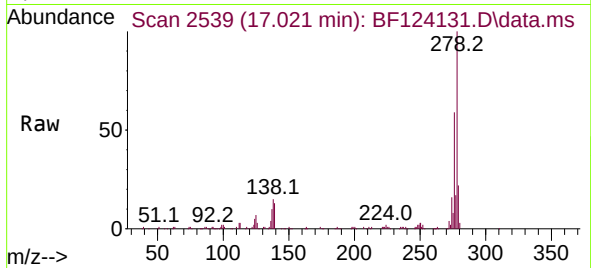
Tgt Ion:252 Resp: 277806
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 9.8 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 39.93 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22

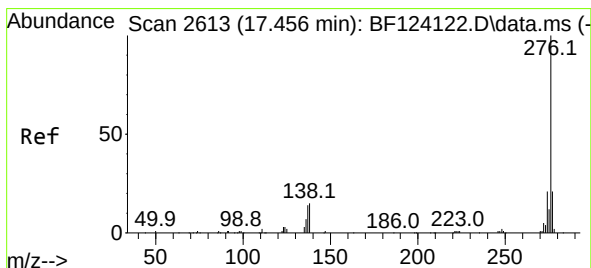
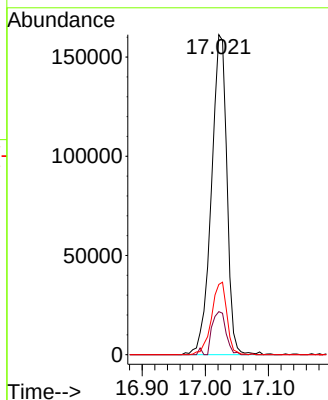
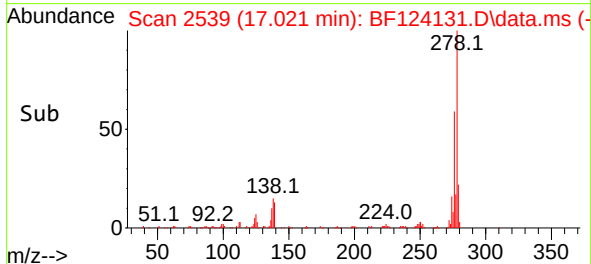
Instrument :
BNA_F
ClientSampleId :
PB136792BS



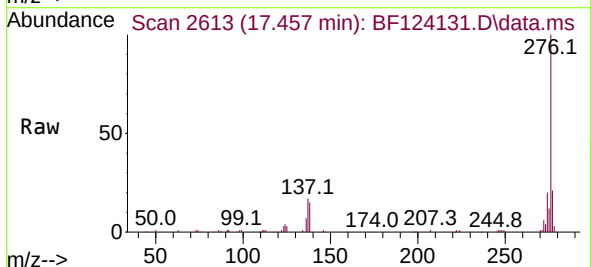
Tgt Ion:278 Resp: 274804
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.2
279 21.9 19.4 29.0

Manual Integrations
APPROVED

mohammad
6/7/2021 12:24:08 PM



#92
Benzo(g,h,i)perylene
Concen: 40.01 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF124131.D
Acq: 4 Jun 2021 10:22



Tgt Ion:276 Resp: 272382
Ion Ratio Lower Upper
276 100
277 21.1 18.2 27.2
138 15.3 13.8 20.6

