

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131612.D
 Acq On : 13 Dec 2022 14:49
 Operator : CG\JU
 Sample : PB149584BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149584BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 03:32:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	71010	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	255066	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	149637	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	288944	20.000	ng	0.00
76) Chrysene-d12	14.092	240	175571	20.000	ng	0.00
86) Perylene-d12	15.592	264	146631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	395461	92.908	ng	0.01
7) Phenol-d6	6.522	99	513684	92.094	ng	0.00
23) Nitrobenzene-d5	7.457	82	533325	79.051	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	145253	87.370	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	910519	76.722	ng	0.00
79) Terphenyl-d14	13.027	244	1074242	83.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	71363	37.144	ng	98
3) Pyridine	3.475	79	196653	36.867	ng	97
4) n-Nitrosodimethylamine	3.452	42	114328	38.863	ng	# 84
6) Aniline	6.545	93	254294	38.120	ng	92
8) 2-Chlorophenol	6.669	128	195273	43.291	ng	97
9) Benzaldehyde	6.434	77	127695	33.419	ng	96
10) Phenol	6.540	94	282679m	45.435	ng	
11) bis(2-Chloroethyl)ether	6.622	93	200287	42.945	ng	97
12) 1,3-Dichlorobenzene	6.822	146	213954	40.911	ng	98
13) 1,4-Dichlorobenzene	6.904	146	220128	41.730	ng	98
14) 1,2-Dichlorobenzene	7.051	146	206524	40.984	ng	98
15) Benzyl Alcohol	7.034	79	211022	41.267	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	242356	40.229	ng	95
17) 2-Methylphenol	7.145	107	174439	42.910	ng	97
18) Hexachloroethane	7.398	117	86209	40.513	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	164860	39.417	ng	96
20) 3+4-Methylphenols	7.298	107	225738	40.768	ng	# 80
22) Acetophenone	7.298	105	320045	40.040	ng	95
24) Nitrobenzene	7.475	77	260946	38.349	ng	94
25) Isophorone	7.716	82	448079	41.233	ng	99
26) 2-Nitrophenol	7.787	139	102728	44.271	ng	99
27) 2,4-Dimethylphenol	7.828	122	171324	48.170	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	245117	43.603	ng	98
29) 2,4-Dichlorophenol	8.034	162	175167	39.832	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	203875	37.803	ng	97
31) Naphthalene	8.198	128	559616	38.954	ng	100
32) Benzoic acid	7.963	122	113905	44.221	ng	97
33) 4-Chloroaniline	8.245	127	160560	29.816	ng	99
34) Hexachlorobutadiene	8.310	225	134851	35.479	ng	99
35) Caprolactam	8.628	113	54037m	47.501	ng	
36) 4-Chloro-3-methylphenol	8.734	107	208592	42.240	ng	98
37) 2-Methylnaphthalene	8.892	142	374255	38.093	ng	98
38) 1-Methylnaphthalene	8.992	142	355255	37.667	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	215822	38.962	ng	98
41) Hexachlorocyclopentadiene	9.039	237	244790	87.065	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	139687	40.770	ng	98

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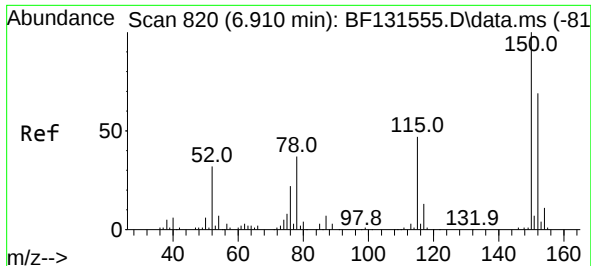
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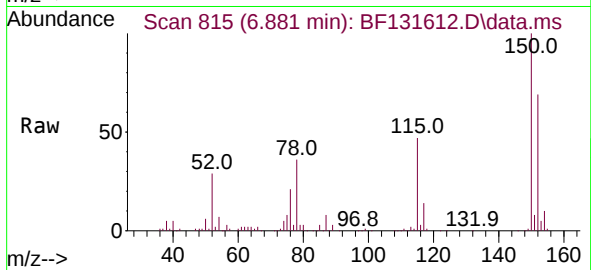
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	145433	39.470	ng	97
46) 1,1'-Biphenyl	9.357	154	475698	40.207	ng	100
47) 2-Chloronaphthalene	9.386	162	385883	40.032	ng	99
48) 2-Nitroaniline	9.486	65	140206	41.060	ng	91
49) Acenaphthylene	9.804	152	578079	40.844	ng	99
50) Dimethylphthalate	9.663	163	448234	39.294	ng	99
51) 2,6-Dinitrotoluene	9.728	165	99874	42.410	ng	85
52) Acenaphthene	9.975	154	426758m	45.009	ng	
53) 3-Nitroaniline	9.898	138	72476	32.076	ng	100
54) 2,4-Dinitrophenol	10.010	184	120349	88.799	ng	# 88
55) Dibenzofuran	10.151	168	533574	39.828	ng	97
56) 4-Nitrophenol	10.075	139	152642	97.247	ng	# 77
57) 2,4-Dinitrotoluene	10.133	165	138045	44.190	ng	98
58) Fluorene	10.492	166	426252	39.138	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	121151m	38.828	ng	
60) Diethylphthalate	10.369	149	414770	37.890	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	227725	37.836	ng	98
62) 4-Nitroaniline	10.522	138	97503	43.547	ng	91
63) Azobenzene	10.645	77	466559	37.369	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	76547	41.827	ng	83
66) n-Nitrosodiphenylamine	10.604	169	358536	38.382	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	135013	36.323	ng	96
68) Hexachlorobenzene	11.039	284	153518	38.183	ng	95
69) Atrazine	11.133	200	134662	45.396	ng	97
70) Pentachlorophenol	11.239	266	159829	77.218	ng	98
71) Phenanthrene	11.463	178	636515	39.522	ng	100
72) Anthracene	11.516	178	633771	40.447	ng	100
73) Carbazole	11.669	167	555790	43.456	ng	99
74) Di-n-butylphthalate	11.998	149	612372	39.028	ng	99
75) Fluoranthene	12.657	202	696367	41.990	ng	99
77) Benzidine	12.780	184	192355	40.890	ng	99
78) Pyrene	12.886	202	707426	40.863	ng	99
80) Butylbenzylphthalate	13.504	149	220679	44.047	ng	97
81) Benzo(a)anthracene	14.080	228	512968	40.458	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	133650	37.049	ng	95
83) Chrysene	14.116	228	472143	39.169	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	249166	37.232	ng	98
85) Di-n-octyl phthalate	14.680	149	327590	31.325	ng	98
87) Indeno(1,2,3-cd)pyrene	17.127	276	447640	37.407	ng	99
88) Benzo(b)fluoranthene	15.151	252	424287	43.903	ng	99
89) Benzo(k)fluoranthene	15.180	252	416193	41.260	ng	99
90) Benzo(a)pyrene	15.533	252	370494	44.922	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	382551	38.843	ng	99
92) Benzo(g,h,i)perylene	17.598	276	376238	38.010	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

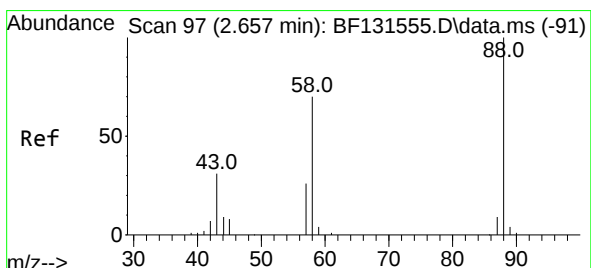
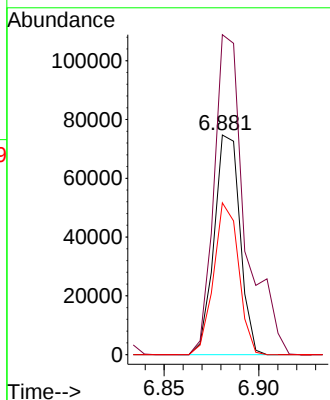
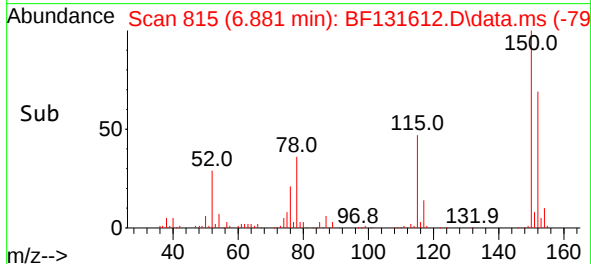
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:152 Resp: 71010
Ion Ratio Lower Upper
152 100
150 145.7 116.7 175.1
115 69.1 54.6 82.0

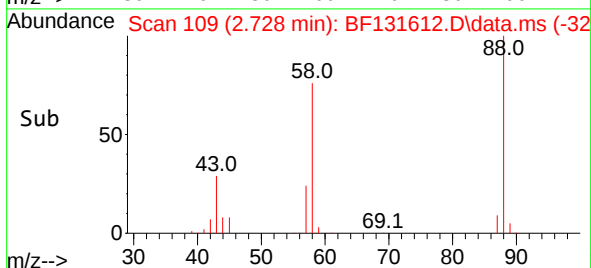
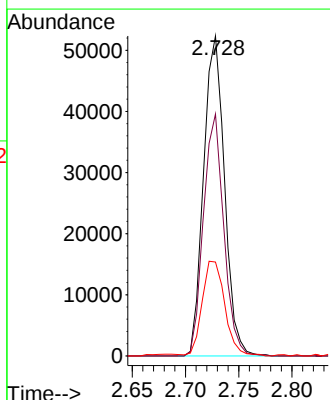
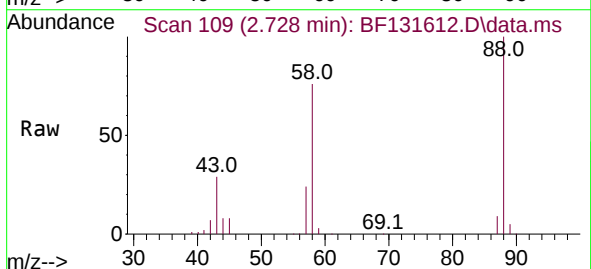
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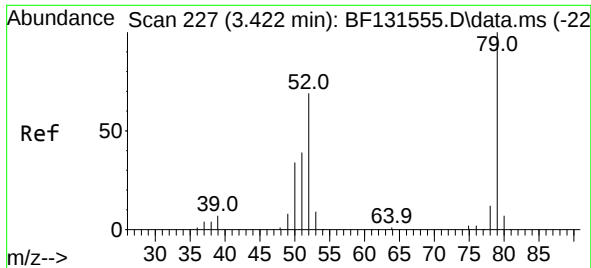
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 37.144 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion: 88 Resp: 71363
Ion Ratio Lower Upper
88 100
58 73.5 60.0 90.0
43 32.0 26.7 40.1





#3

Pyridine

Concen: 36.867 ng

RT: 3.475 min Scan# 231

Delta R.T. 0.083 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

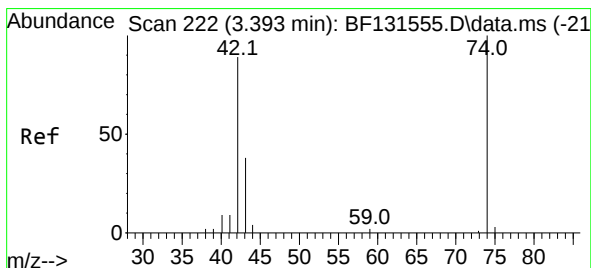
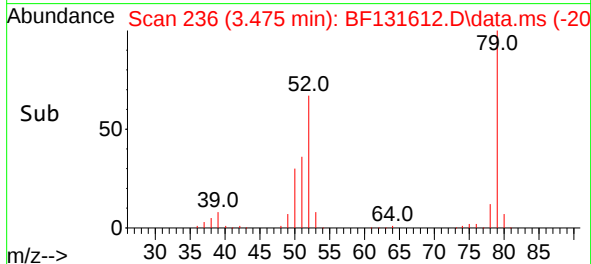
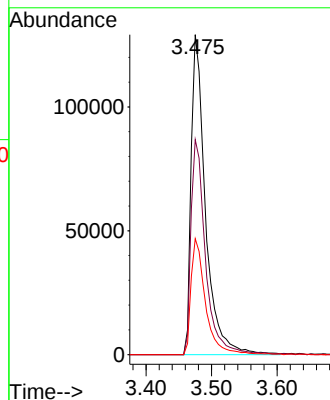
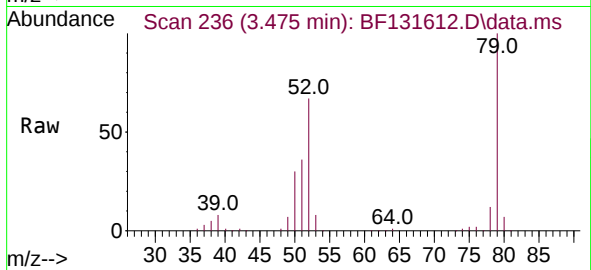
PB149584BS

Tgt Ion: 79	Resp: 196653
Ion Ratio	Lower Upper
79	100
52	67.2 55.0 82.6
51	36.2 31.4 47.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.863 ng

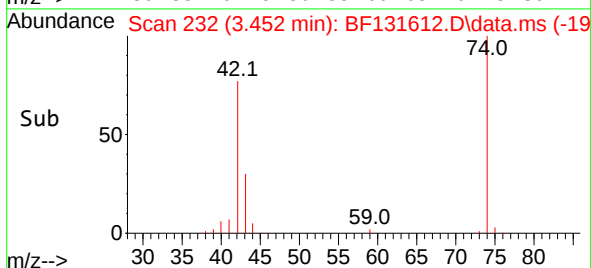
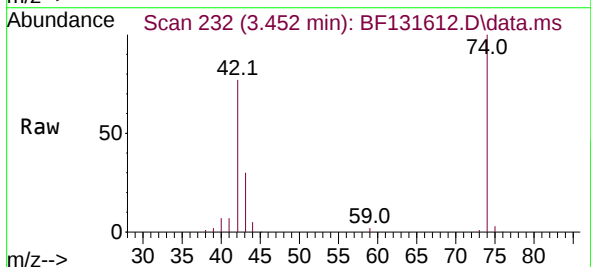
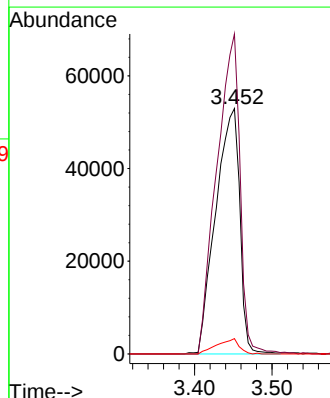
RT: 3.452 min Scan# 232

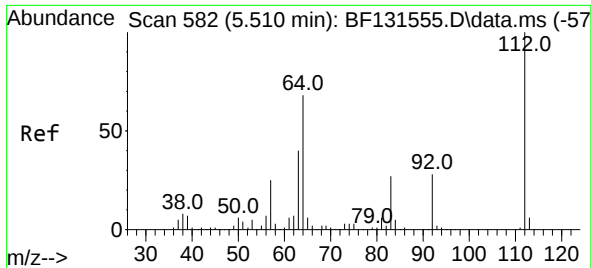
Delta R.T. 0.094 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion: 42	Resp: 114328
Ion Ratio	Lower Upper
42	100
74	130.4 90.2 135.2
44	6.2 3.7 5.5





#5
2-Fluorophenol
Concen: 92.908 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

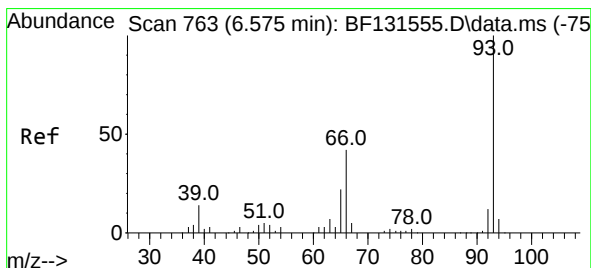
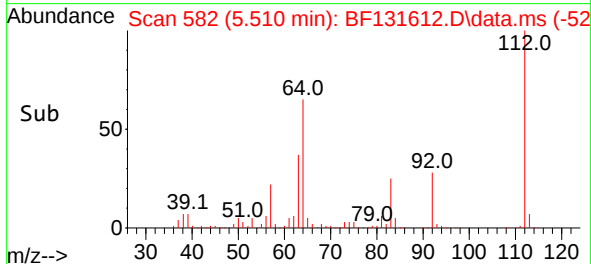
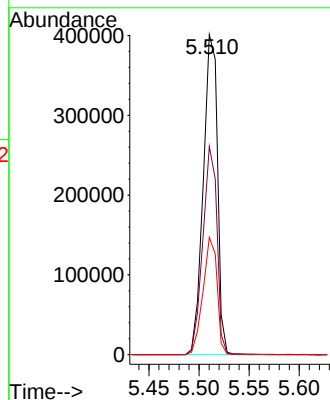
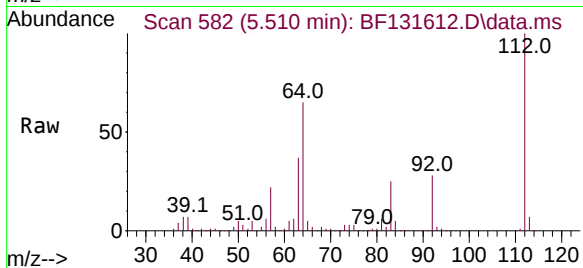
PB149584BS

Tgt Ion:112 Resp: 395463
Ion Ratio Lower Upper
112 100
64 65.1 54.5 81.7
63 36.6 31.9 47.9

Manual Integrations

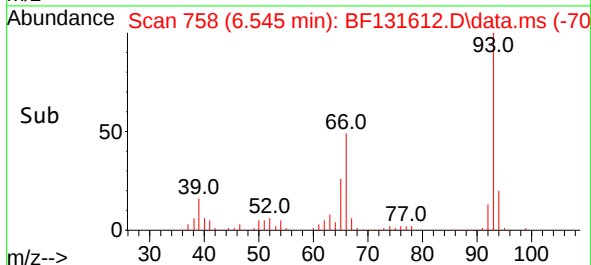
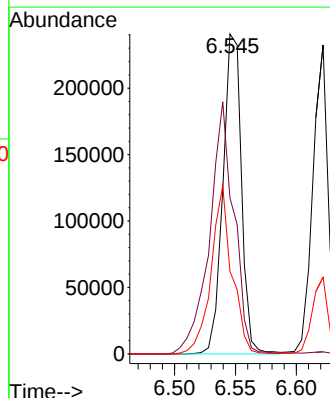
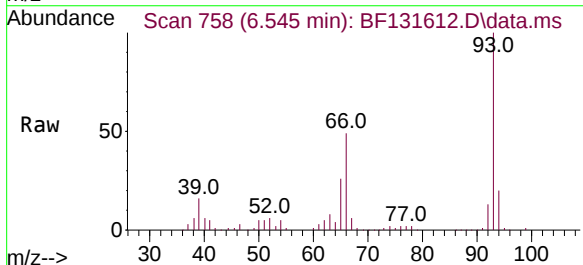
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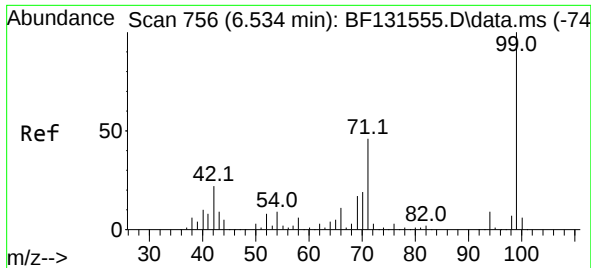
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#6
Aniline
Concen: 38.120 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion: 93 Resp: 254294
Ion Ratio Lower Upper
93 100
66 48.7 34.6 51.8
65 25.8 17.7 26.5





#7

Phenol-d6

Concen: 92.094 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

Tgt Ion: 99 Resp: 513684

Ion Ratio Lower Upper

99 100

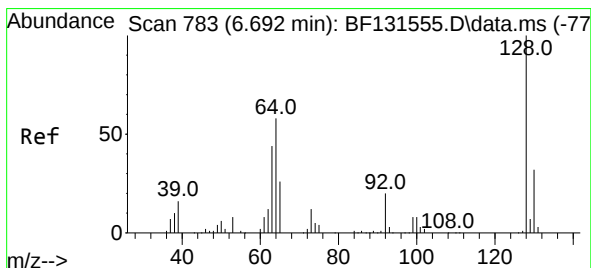
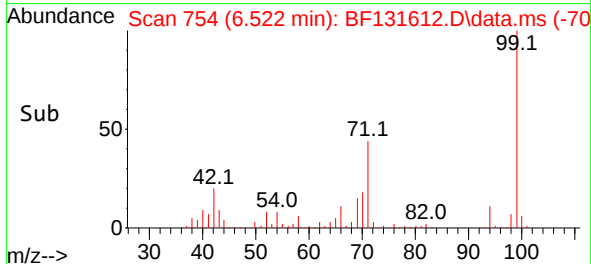
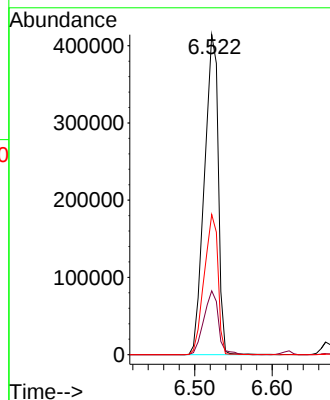
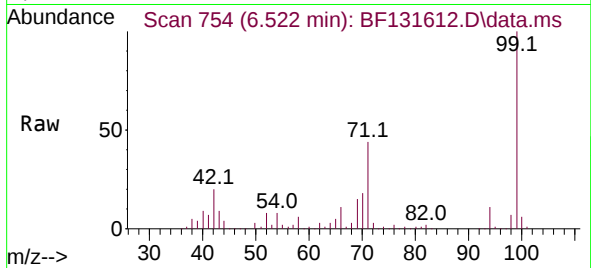
42 19.9 17.9 26.9

71 43.8 37.2 55.8

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#8

2-Chlorophenol

Concen: 43.291 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

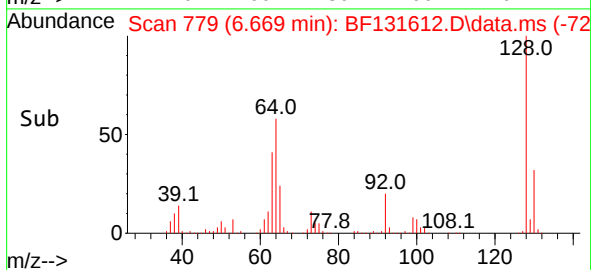
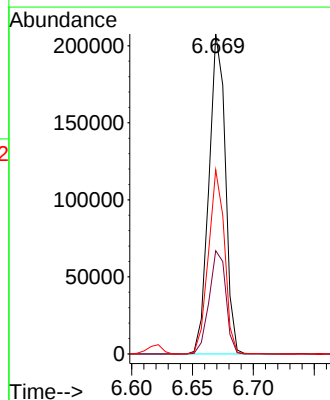
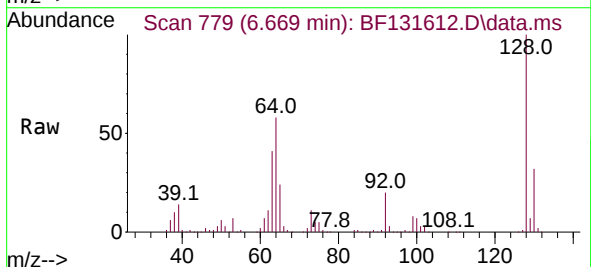
Tgt Ion:128 Resp: 195273

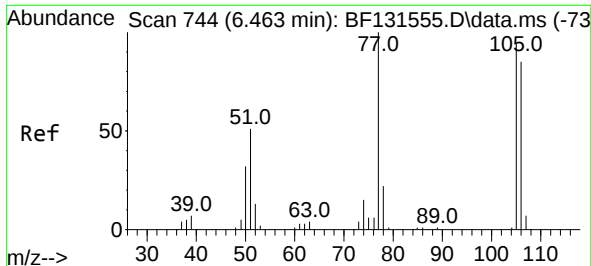
Ion Ratio Lower Upper

128 100

130 32.2 11.6 51.6

64 57.5 40.6 80.6





#9

Benzaldehyde

Concen: 33.419 ng

RT: 6.434 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

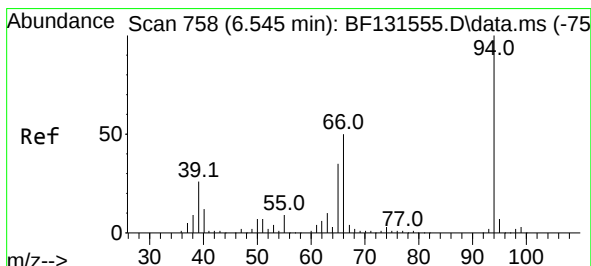
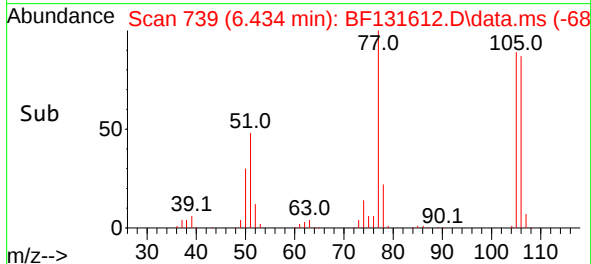
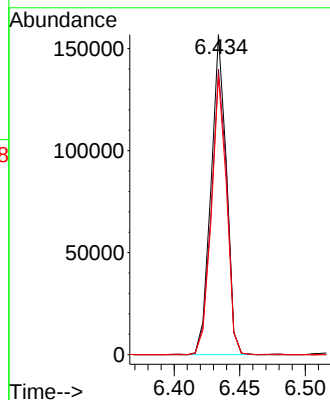
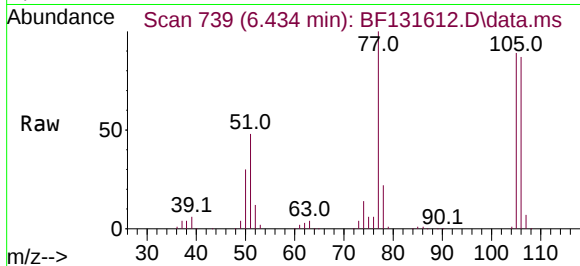
PB149584BS

Tgt Ion:	77	Resp:	127695
Ion	Ratio	Lower	Upper
77	100		
105	89.2	73.8	113.8
106	87.2	65.2	105.2

Manual Integrations

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Supervised By :mohammad ahmed 12/14/2022



#10

Phenol

Concen: 45.435 ng m

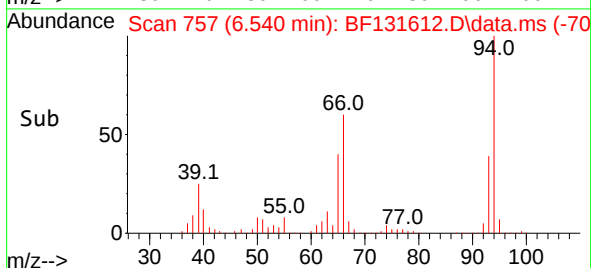
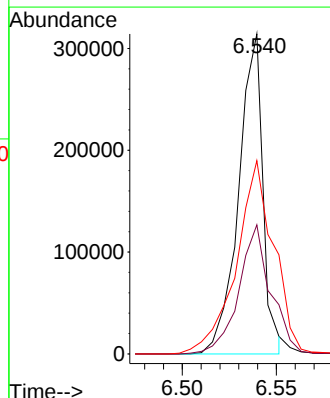
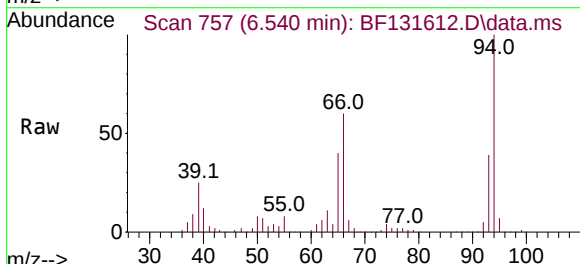
RT: 6.540 min Scan# 757

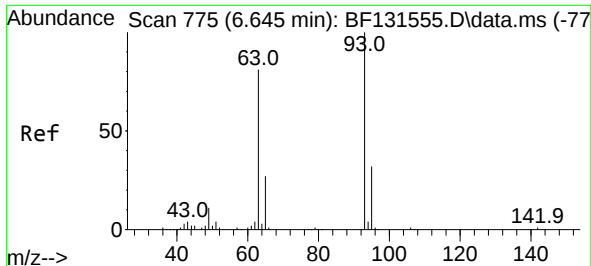
Delta R.T. 0.006 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion:	94	Resp:	282679
Ion	Ratio	Lower	Upper
94	100		
65	40.3	14.8	54.8
66	60.4	30.8	70.8





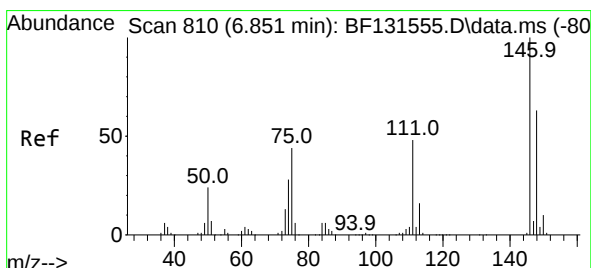
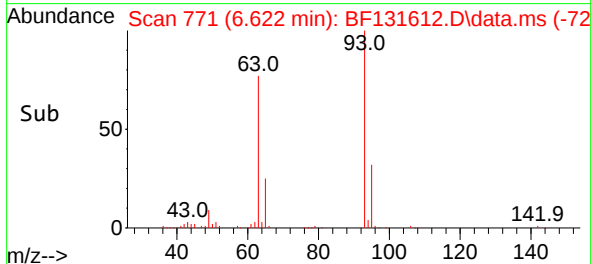
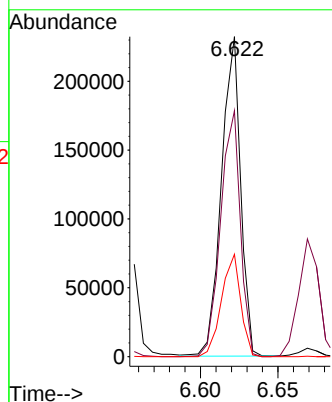
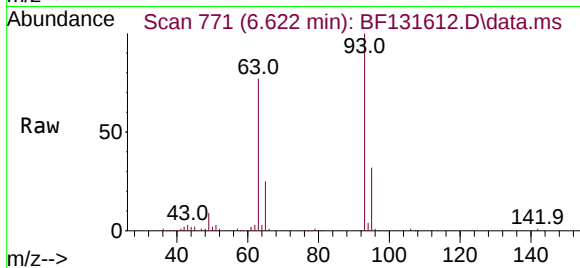
#11
bis(2-Chloroethyl)ether
Concen: 42.945 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion: 93 Resp: 20028
Ion Ratio Lower Upper
93 100
63 76.8 60.4 100.4
95 32.0 12.3 52.3

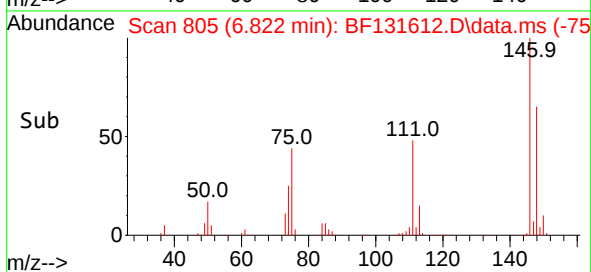
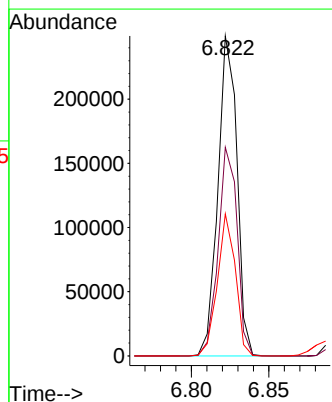
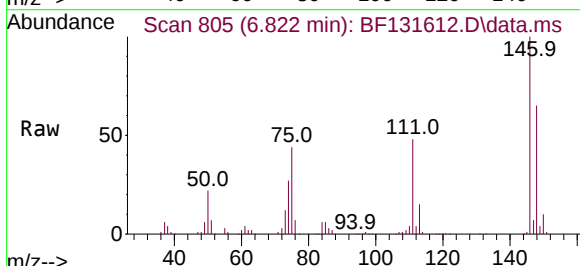
Manual Integrations
APPROVED

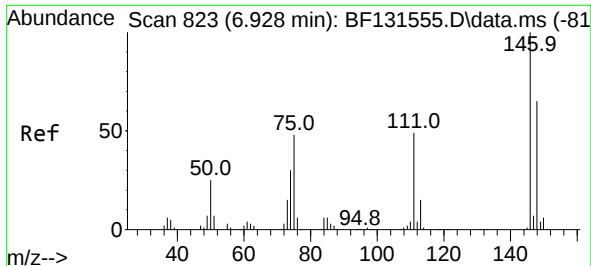
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 40.911 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

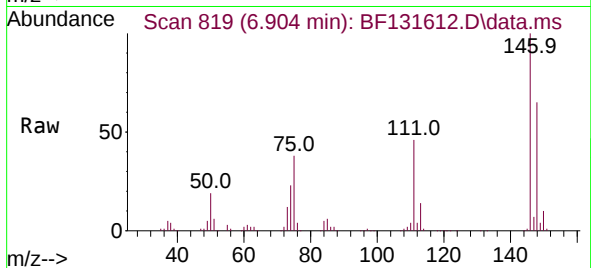
Tgt Ion:146 Resp: 213954
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
75 44.4 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 41.730 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

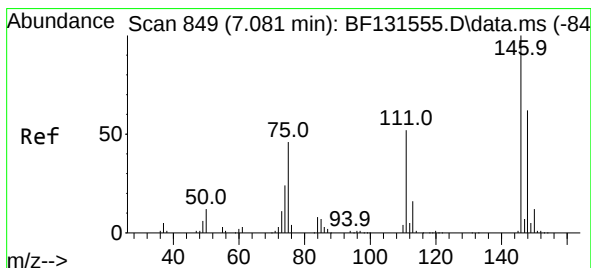
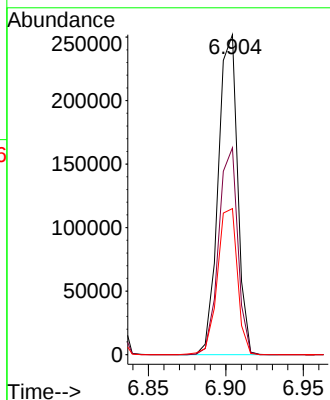
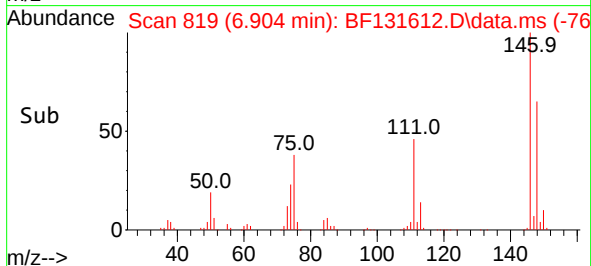
Instrument :
BNA_F
ClientSampleId :
PB149584BS



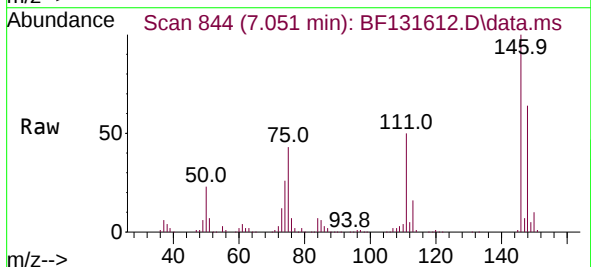
Tgt Ion:146 Resp: 220128
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 45.6 38.9 58.3

Manual Integrations
APPROVED

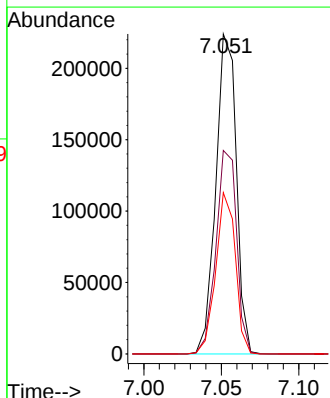
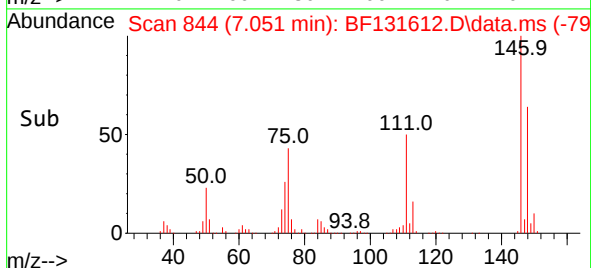
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

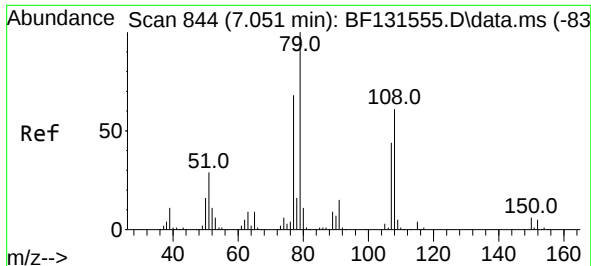


#14
1,2-Dichlorobenzene
Concen: 40.984 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:146 Resp: 206524
Ion Ratio Lower Upper
146 100
148 63.6 49.9 74.9
111 50.4 41.8 62.6





#15

Benzyl Alcohol

Concen: 41.267 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

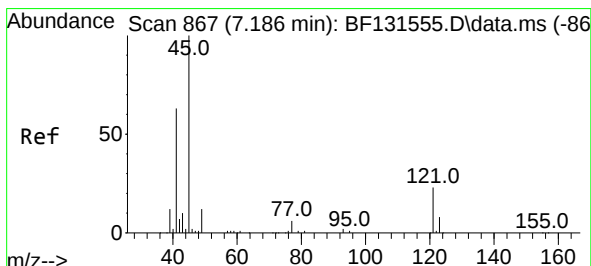
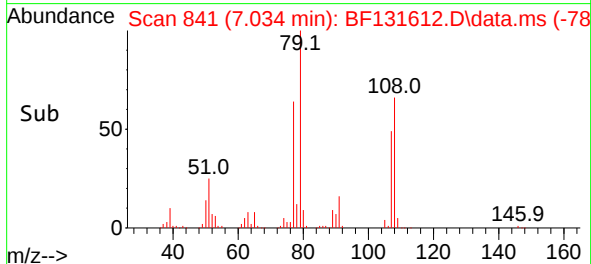
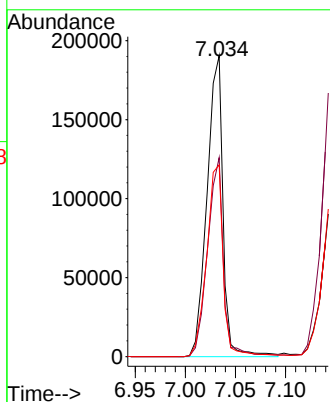
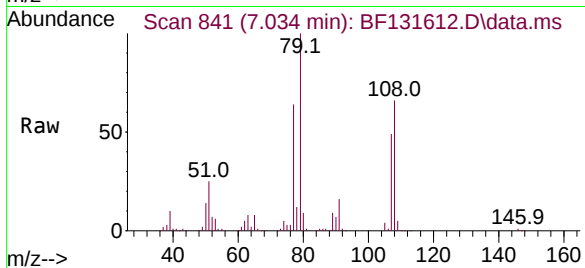
PB149584BS

Tgt Ion: 79 Resp: 211022
 Ion Ratio Lower Upper
 79 100
 108 66.1 49.2 73.8
 77 63.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.229 ng

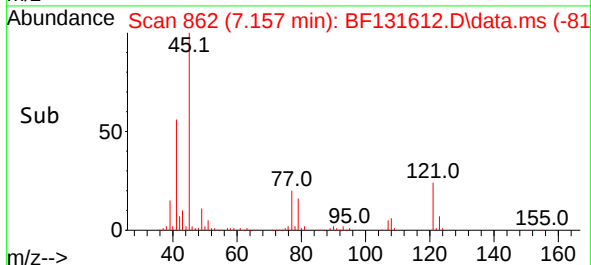
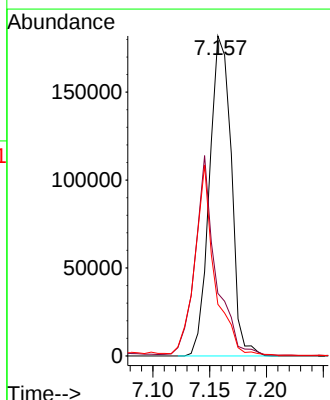
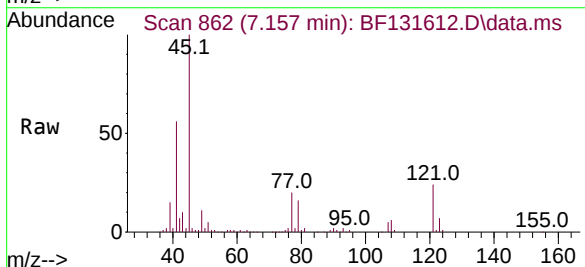
RT: 7.157 min Scan# 862

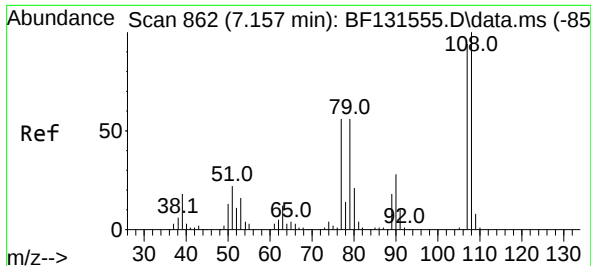
Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

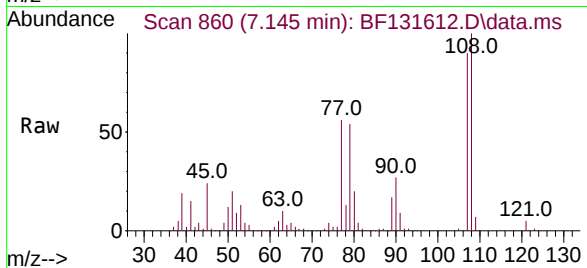
Tgt Ion: 45 Resp: 242356
 Ion Ratio Lower Upper
 45 100
 77 19.5 0.0 37.7
 79 16.1 0.0 33.6





#17
2-Methylphenol
Concen: 42.910 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

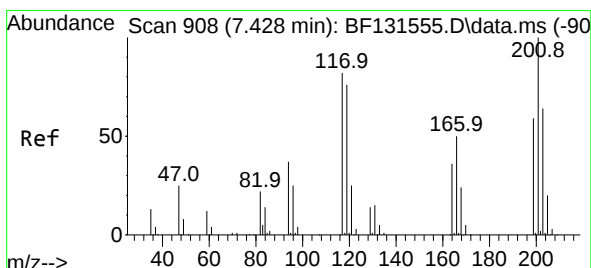
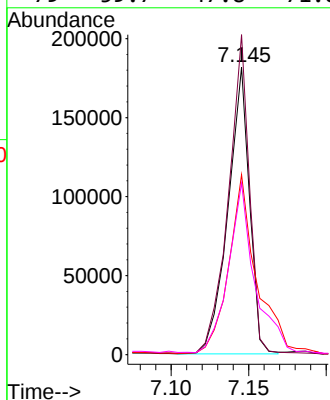
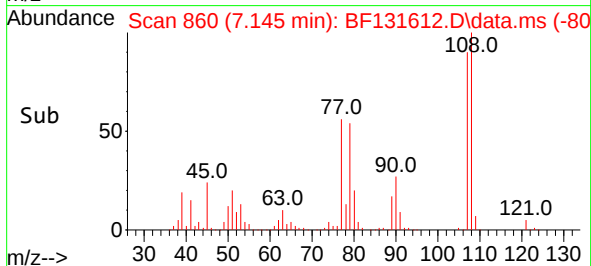
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:107 Resp: 174439
Ion Ratio Lower Upper
107 100
108 111.3 85.5 128.3
77 62.6 48.2 72.4
79 59.7 47.8 71.8

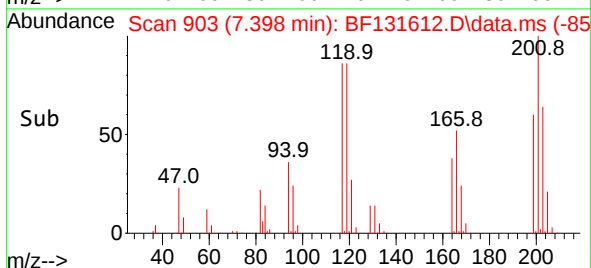
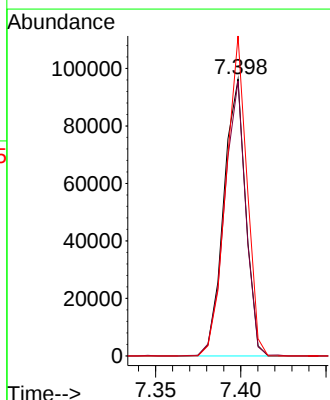
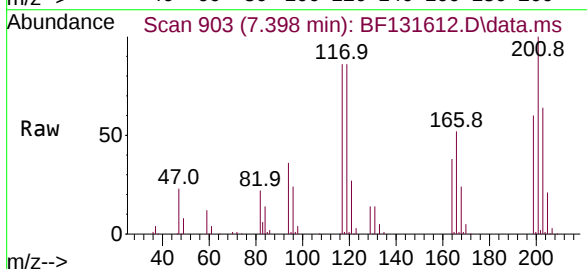
Manual Integrations
APPROVED

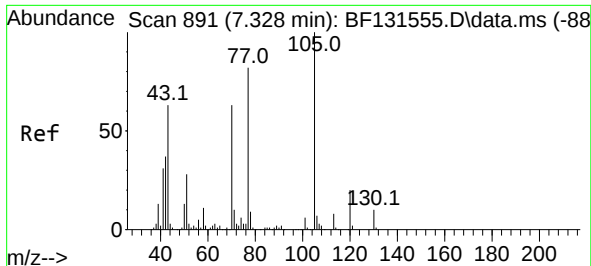
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Hexachloroethane
Concen: 40.513 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:117 Resp: 86209
Ion Ratio Lower Upper
117 100
119 99.3 75.0 112.4
201 115.6 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.417 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.006 min

Lab File: BF131612.D

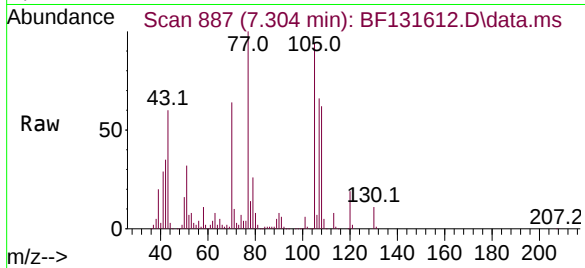
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS



Tgt Ion: 70 Resp: 164860

Ion Ratio Lower Upper

70 100

42 54.3 46.4 69.6

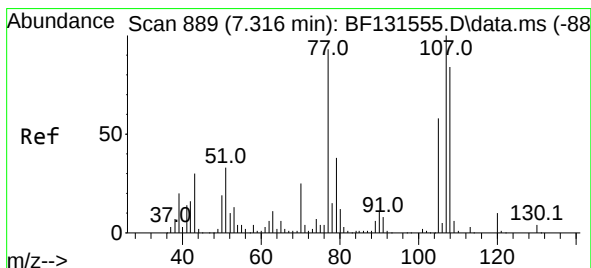
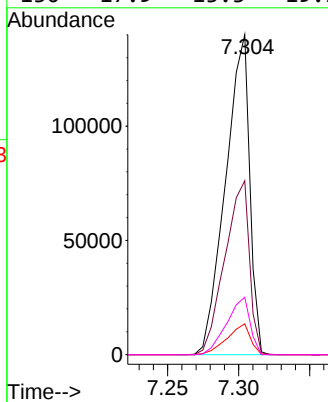
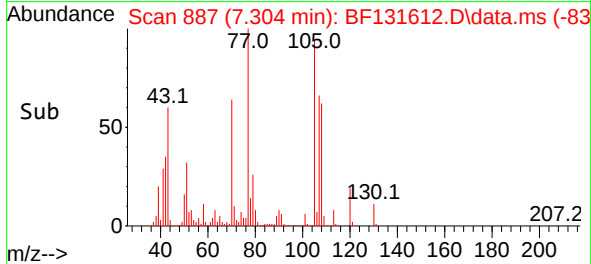
101 9.6 7.2 10.8

130 17.9 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#20

3+4-Methylphenols

Concen: 40.768 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion:107 Resp: 225738

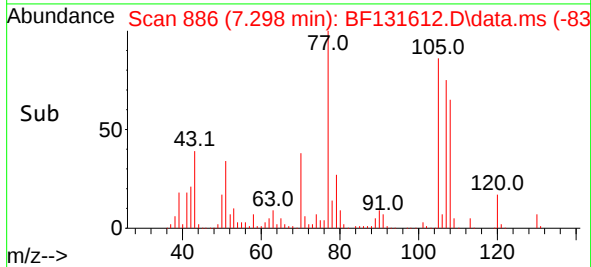
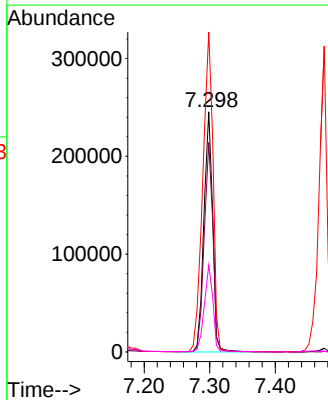
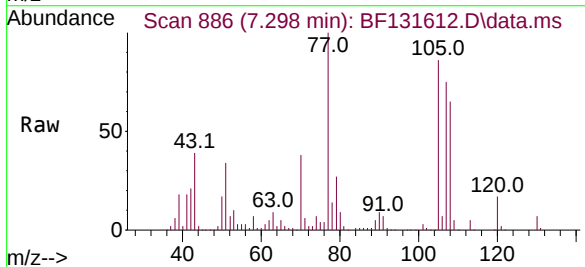
Ion Ratio Lower Upper

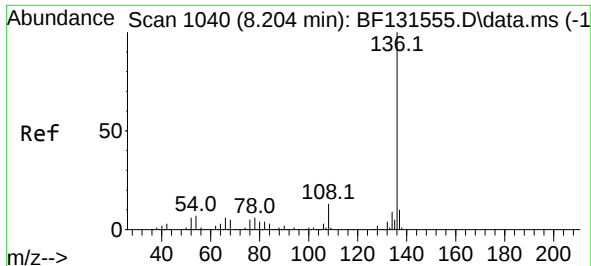
107 100

108 87.2 64.0 104.0

77 133.3 73.1 113.1#

79 36.1 18.2 58.2





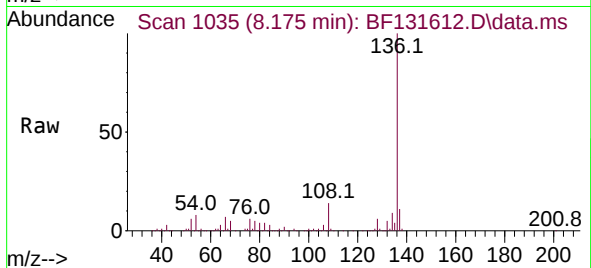
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

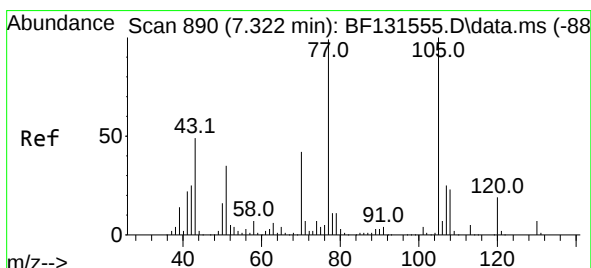
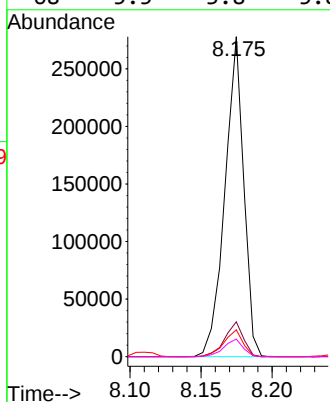
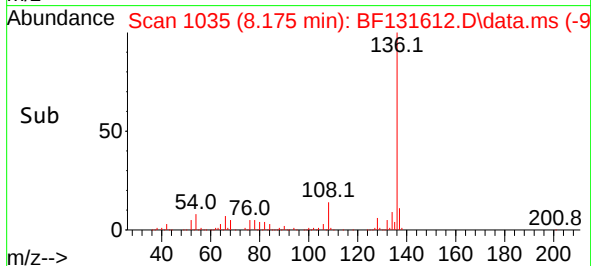


Tgt Ion:136 Resp: 255066
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.4 6.0 9.0
68 5.5 3.8 5.8

Manual Integrations

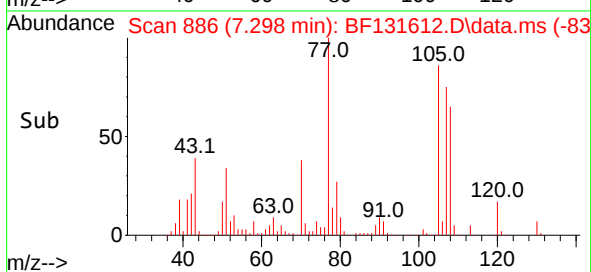
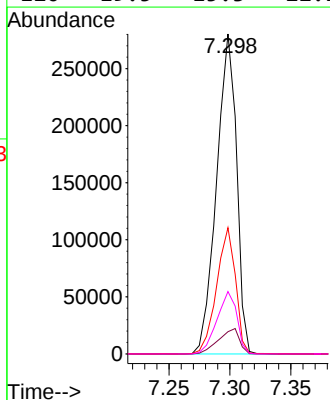
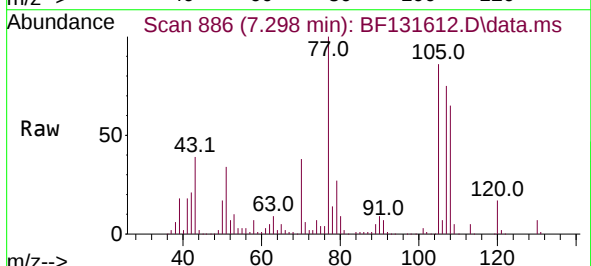
APPROVED

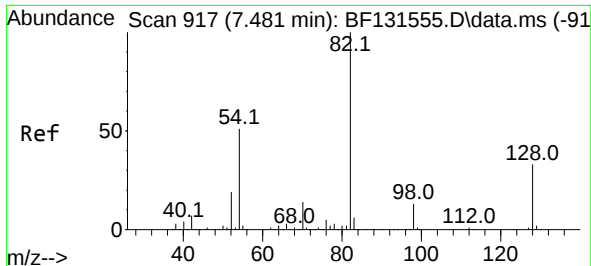
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 40.040 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:105 Resp: 320045
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 39.4 27.8 41.6
120 19.5 15.3 22.9





#23
Nitrobenzene-d5
Concen: 79.051 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

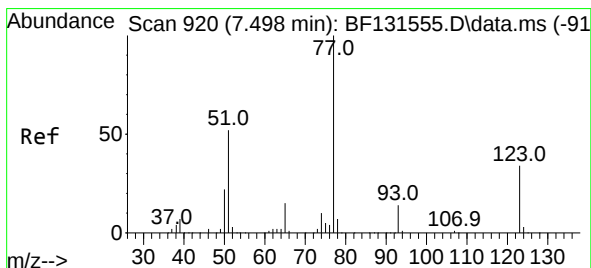
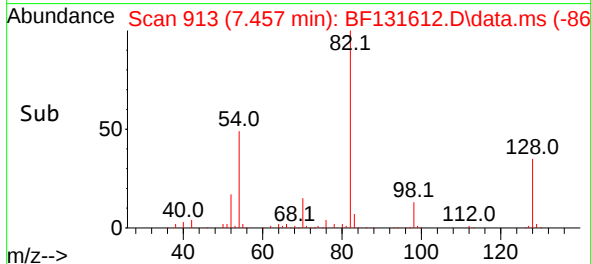
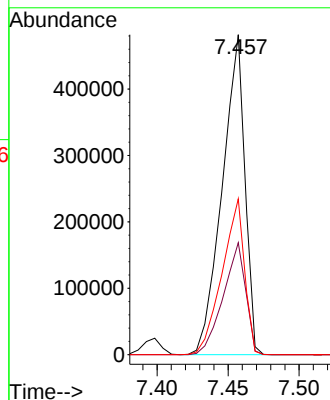
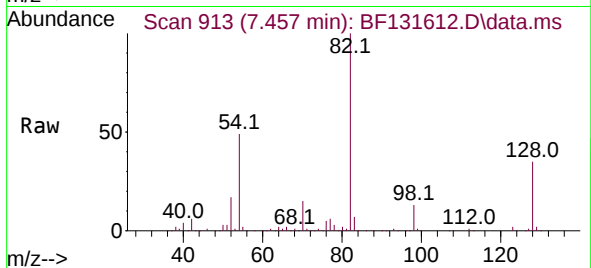
PB149584BS

Tgt Ion: 82 Resp: 533325
Ion Ratio Lower Upper
82 100
128 35.0 26.1 39.1
54 48.7 40.6 60.8

Manual Integrations

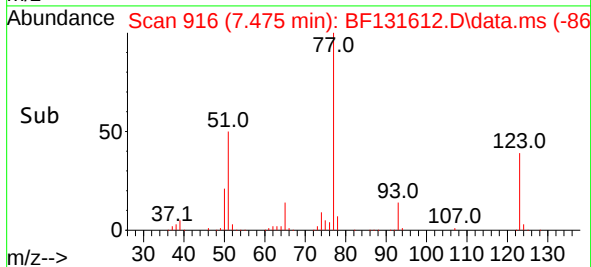
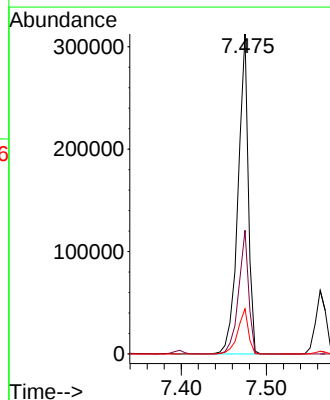
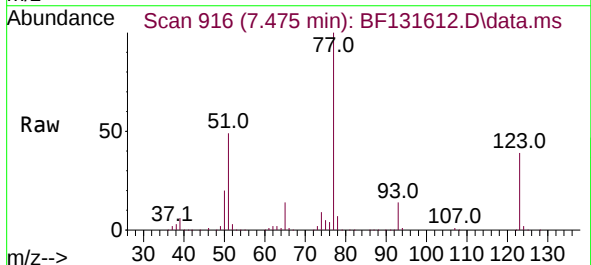
APPROVED

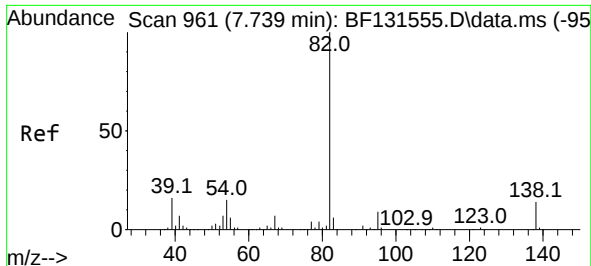
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Nitrobenzene
Concen: 38.349 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion: 77 Resp: 260946
Ion Ratio Lower Upper
77 100
123 38.6 27.1 40.7
65 14.1 11.9 17.9





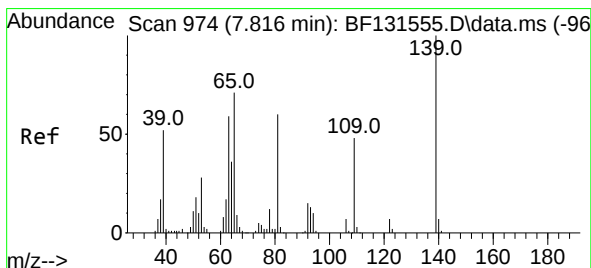
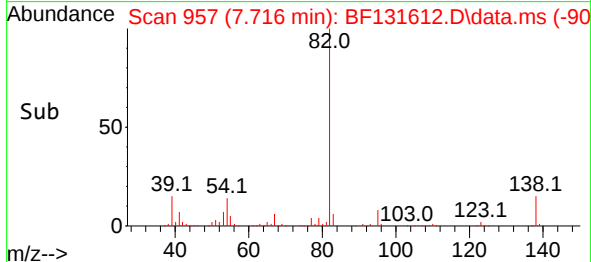
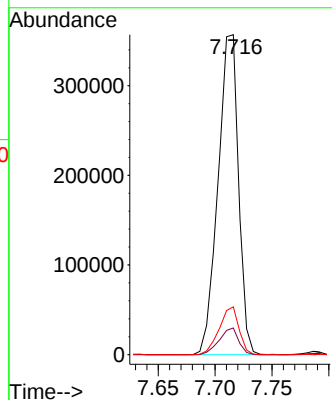
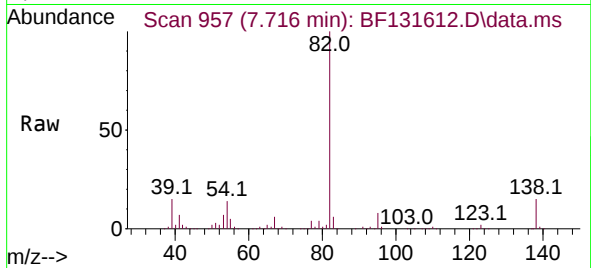
#25
Isophorone
Concen: 41.233 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion: 82 Resp: 448079
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 14.9 11.4 17.0

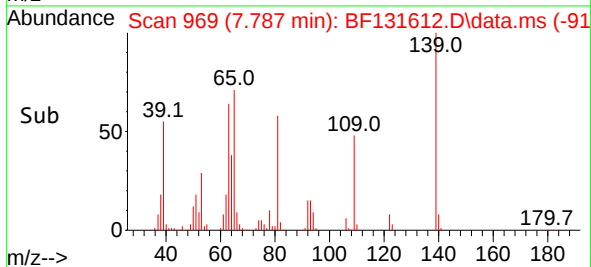
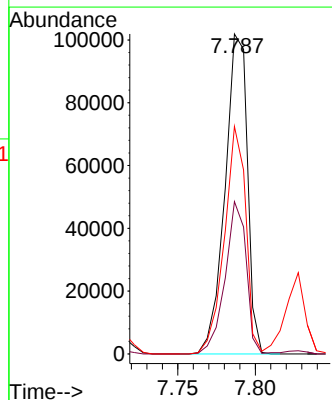
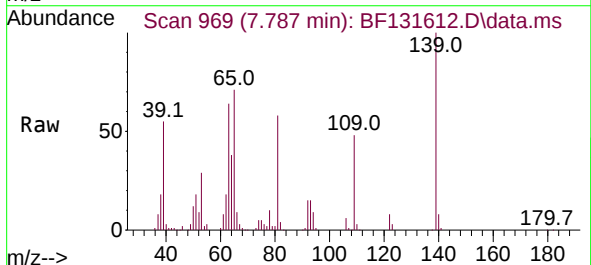
Manual Integrations
APPROVED

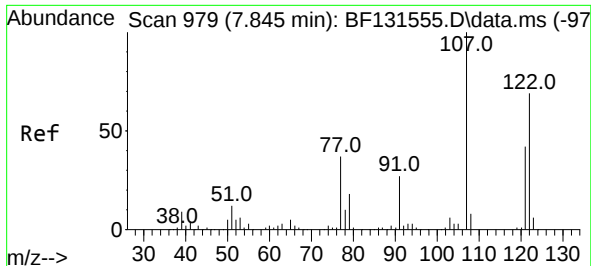
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 44.271 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:139 Resp: 102728
Ion Ratio Lower Upper
139 100
109 47.6 38.6 58.0
65 71.1 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 48.170 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131612.D

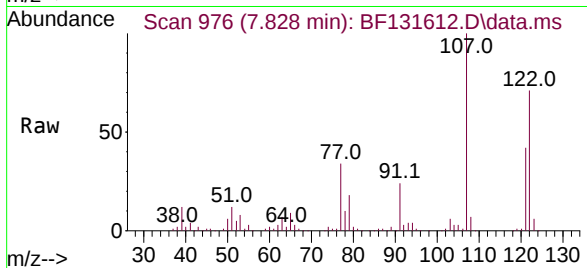
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS



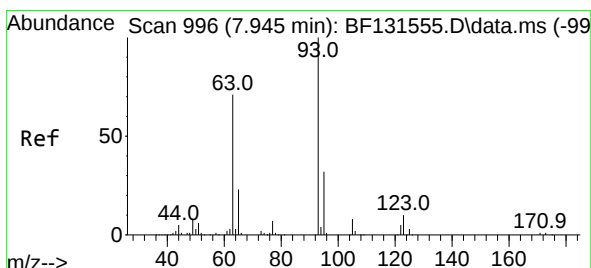
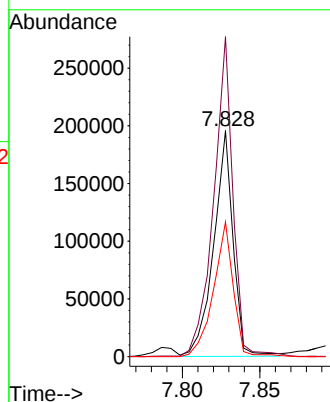
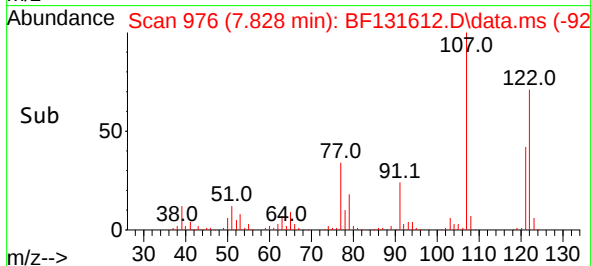
Tgt Ion: 122 Resp: 171324

Ion	Ratio	Lower	Upper
122	100		
107	141.6	114.2	171.2
121	59.6	48.2	72.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.603 ng

RT: 7.922 min Scan# 992

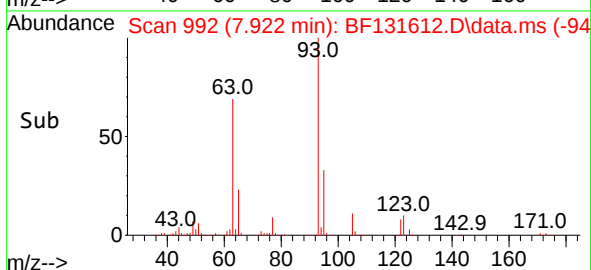
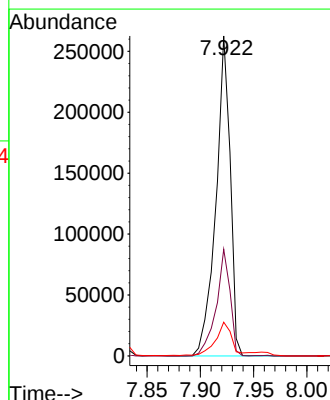
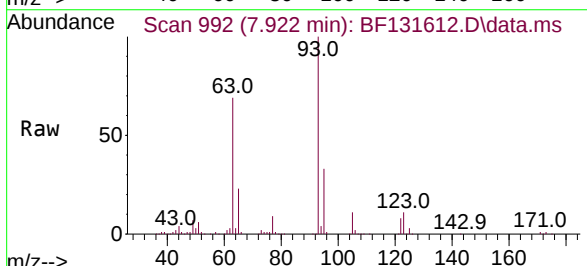
Delta R.T. 0.000 min

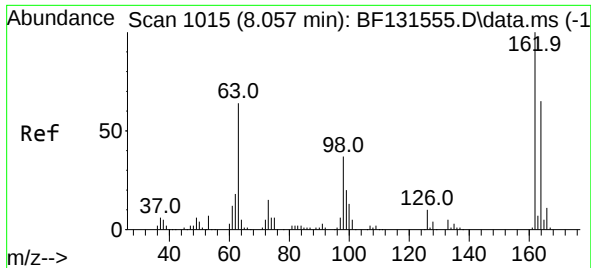
Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion: 93 Resp: 245117

Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.6
123	10.5	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 39.832 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

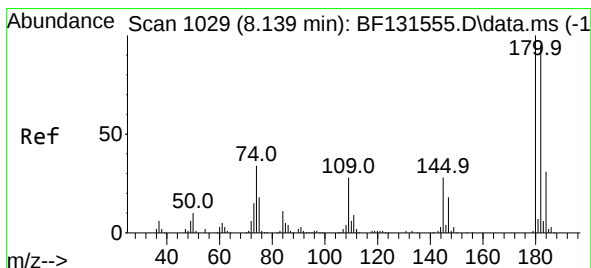
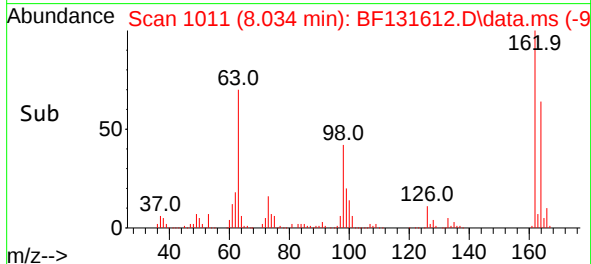
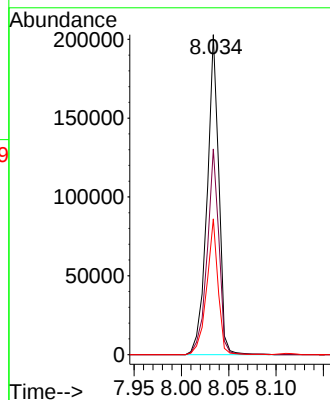
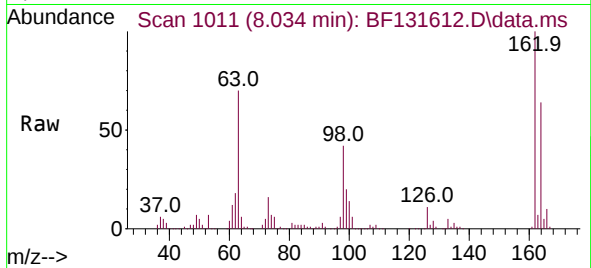
PB149584BS

Tgt Ion:	162	Resp:	175162
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.0	85.0
98	42.4	16.6	56.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.803 ng

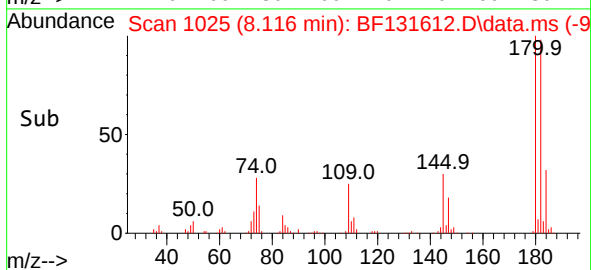
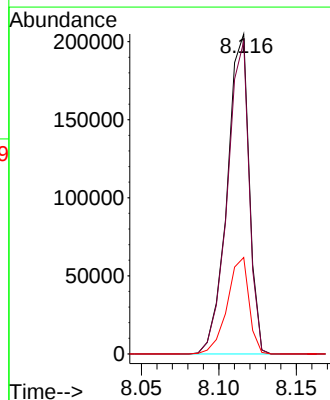
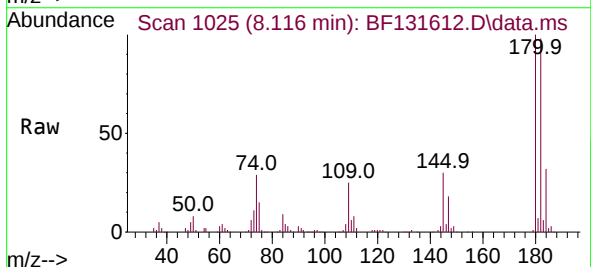
RT: 8.116 min Scan# 1025

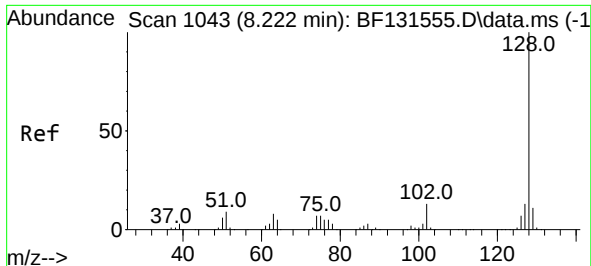
Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

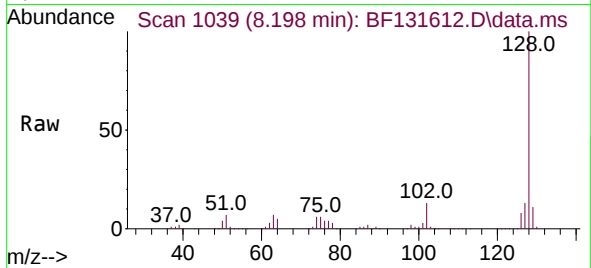
Tgt Ion:	180	Resp:	203875
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.8	113.6
145	30.1	22.4	33.6





#31
Naphthalene
Concen: 38.954 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

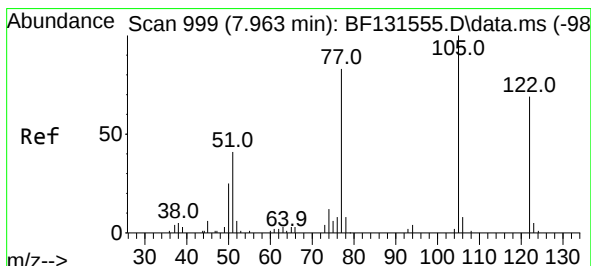
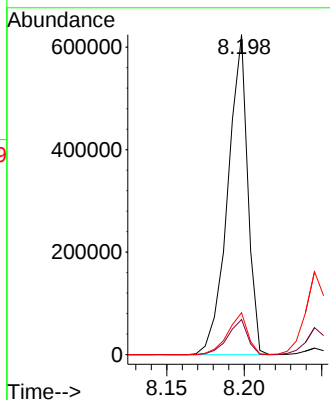
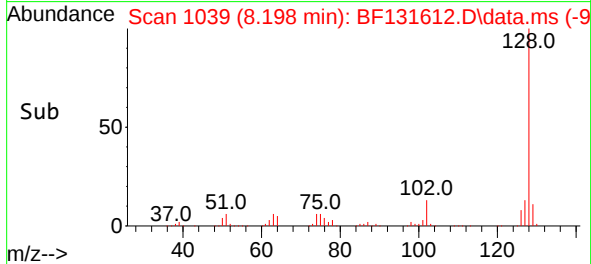
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:128 Resp: 559616
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.6 15.8

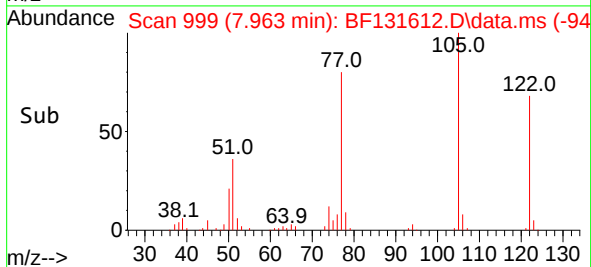
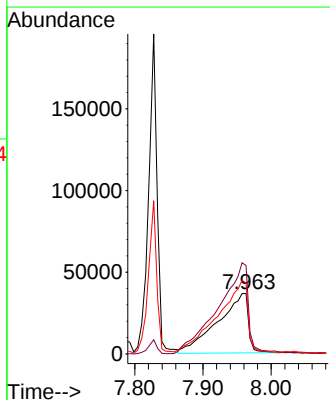
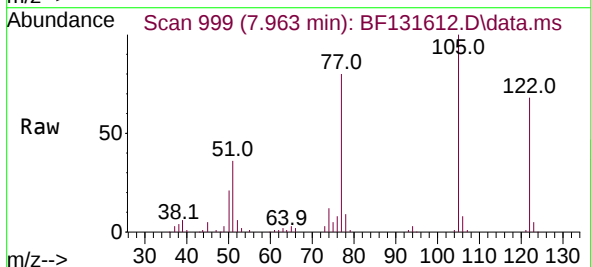
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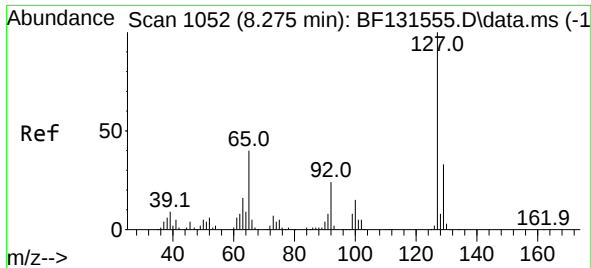
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 44.221 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:122 Resp: 113905
Ion Ratio Lower Upper
122 100
105 146.5 119.8 159.8
77 117.3 97.6 137.6





#33
4-Chloroaniline
Concen: 29.816 ng
RT: 8.245 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

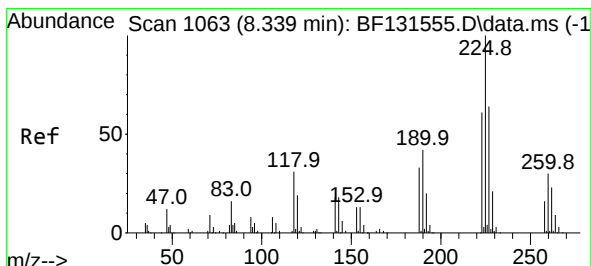
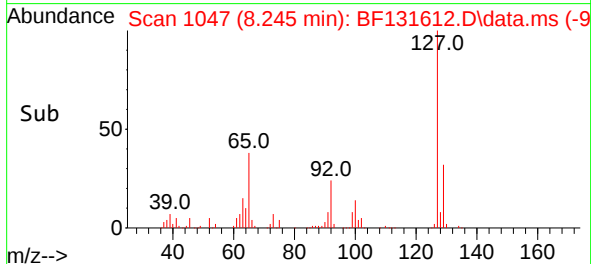
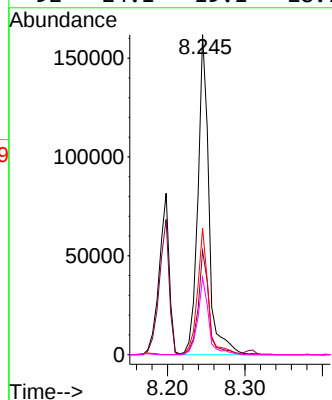
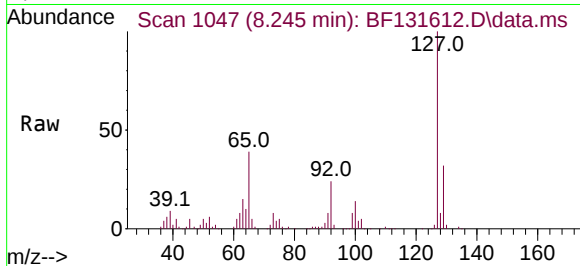
ClientSampleId :

PB149584BS

Tgt Ion:127 Resp: 160560
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 39.5 31.9 47.9
92 24.1 19.1 28.7

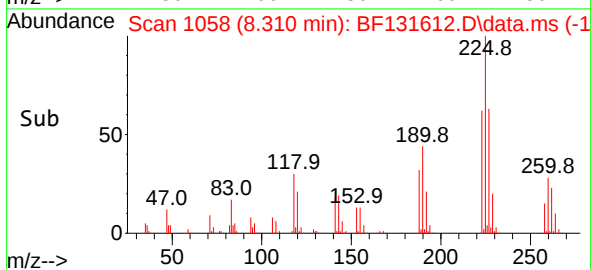
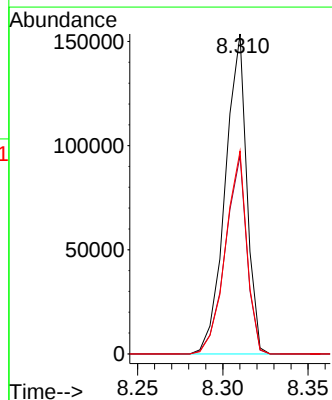
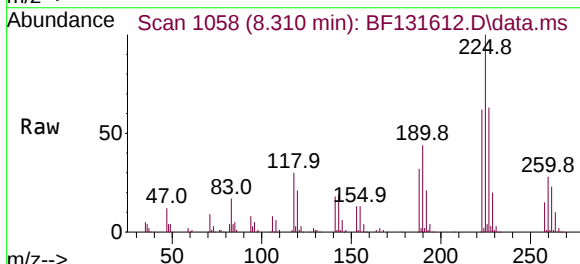
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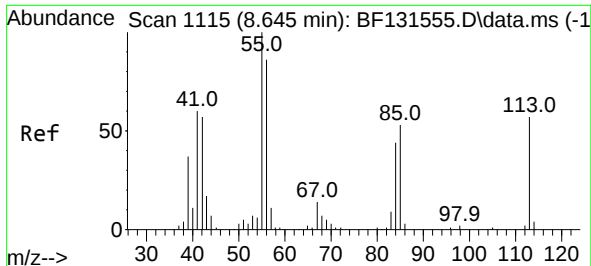
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 35.479 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

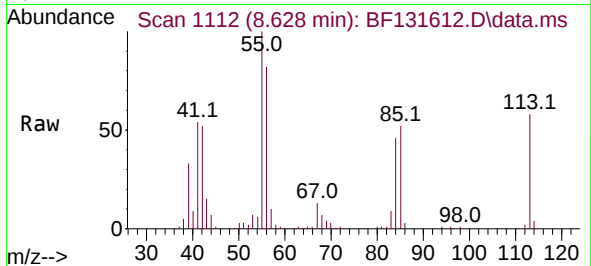
Tgt Ion:225 Resp: 134851
Ion Ratio Lower Upper
225 100
223 61.9 48.7 73.1
227 63.4 51.0 76.6





#35
Caprolactam
Concen: 47.501 ng m
RT: 8.628 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

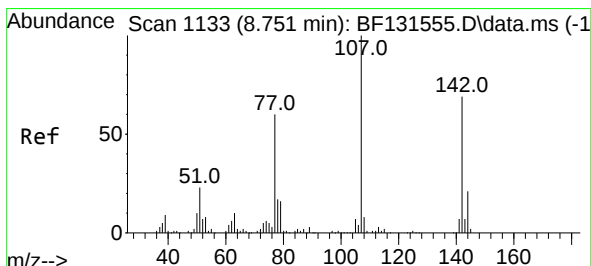
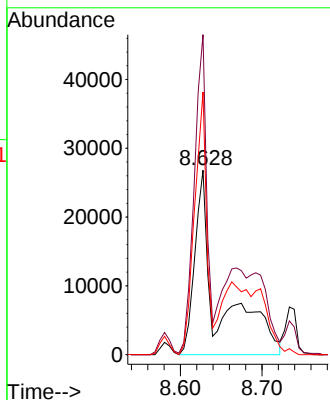
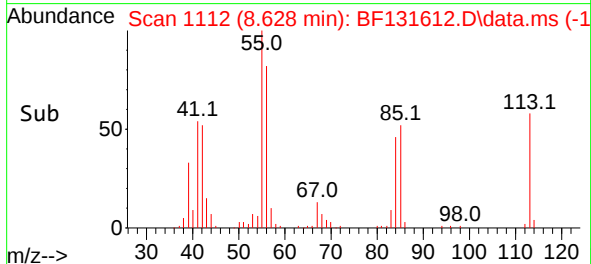
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:113 Resp: 5403
Ion Ratio Lower Upper
113 100
55 173.6 155.8 195.8
56 142.5 131.7 171.7

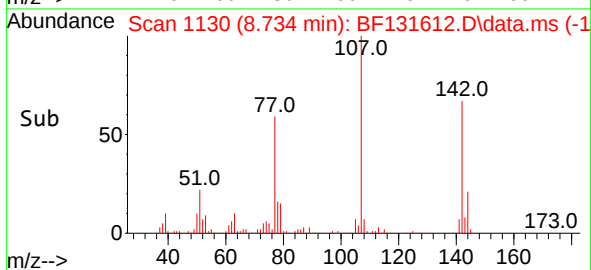
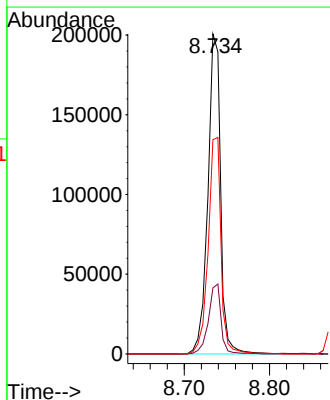
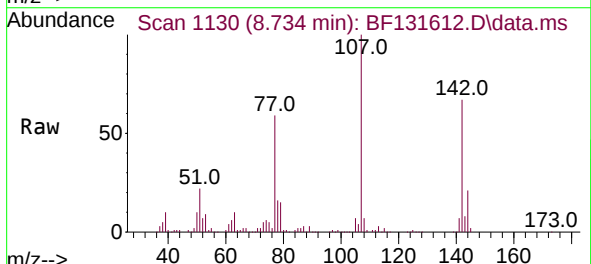
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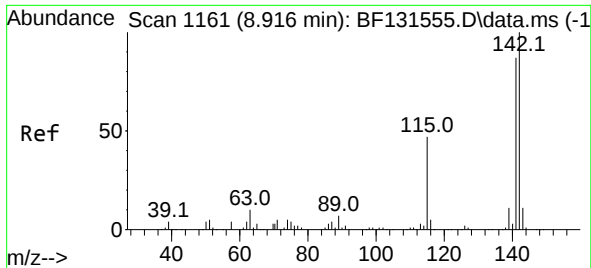
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 42.240 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:107 Resp: 208592
Ion Ratio Lower Upper
107 100
144 20.6 17.0 25.4
142 66.9 54.8 82.2





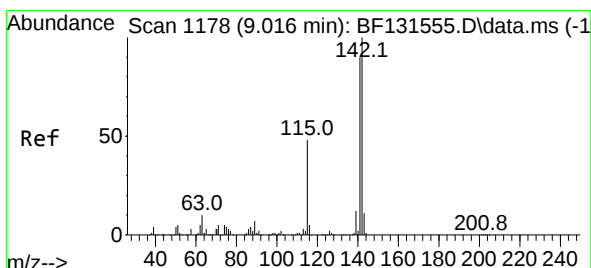
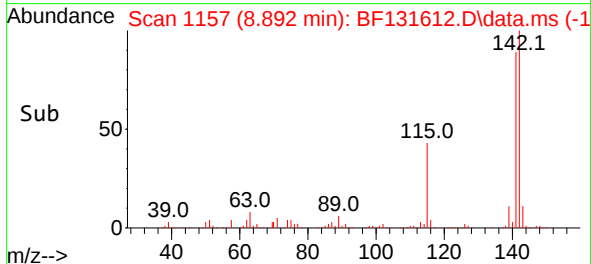
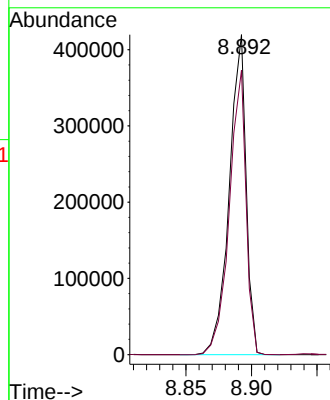
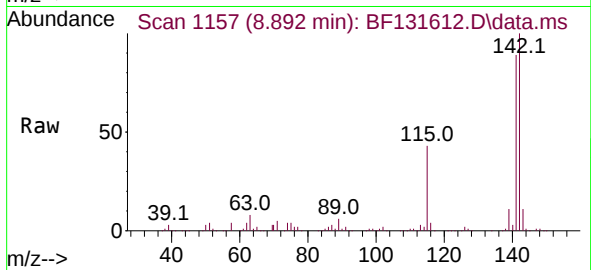
#37
2-Methylnaphthalene
Concen: 38.093 ng
RT: 8.892 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion:142 Resp: 374255
Ion Ratio Lower Upper
142 100
141 88.9 69.7 104.5

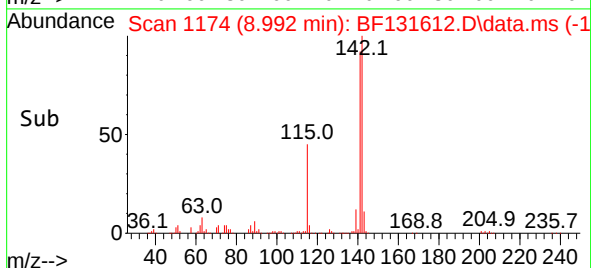
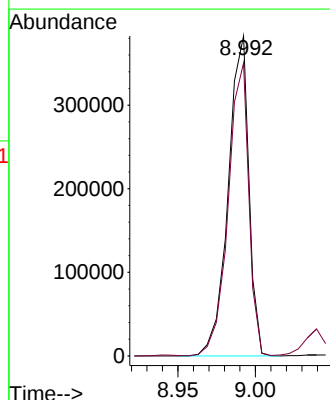
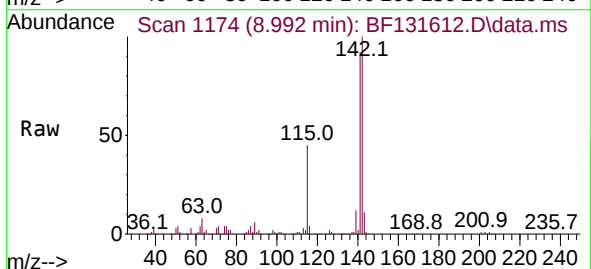
Manual Integrations
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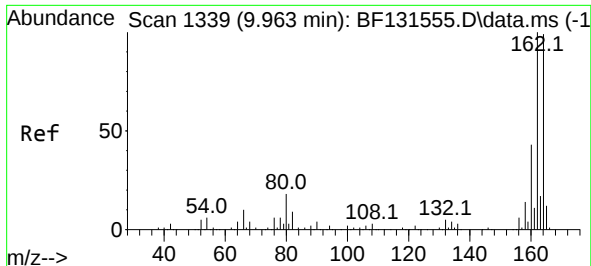
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 37.667 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:142 Resp: 355255
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

Tgt Ion:164 Resp: 149632

Ion Ratio Lower Upper

164 100

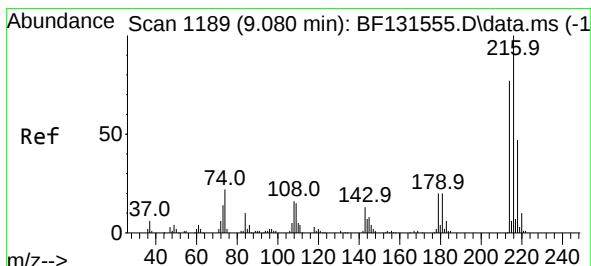
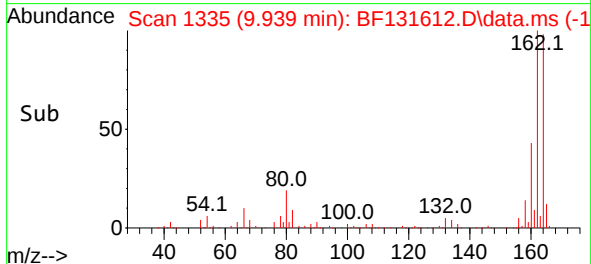
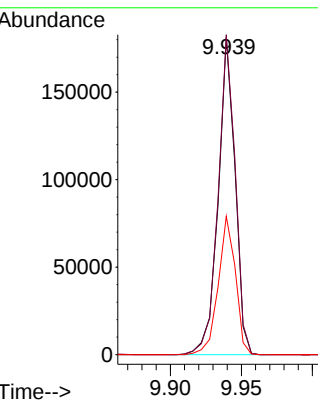
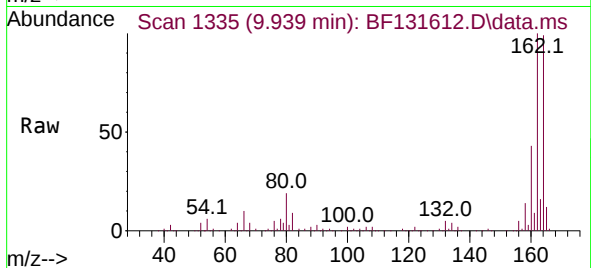
162 100.9 81.0 121.6

160 43.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.962 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion:216 Resp: 215822

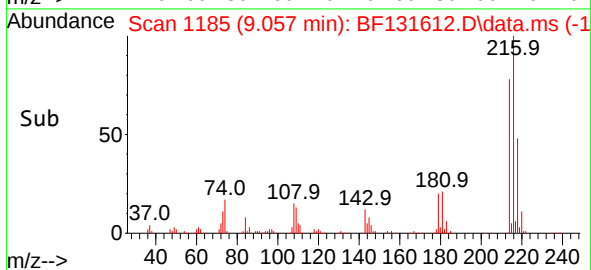
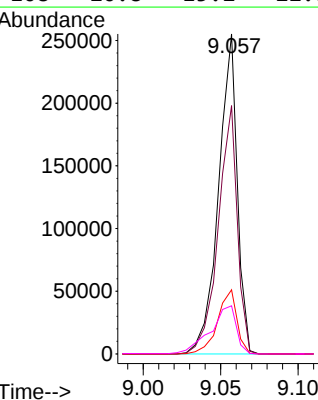
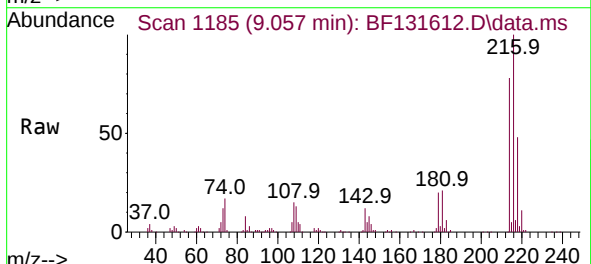
Ion Ratio Lower Upper

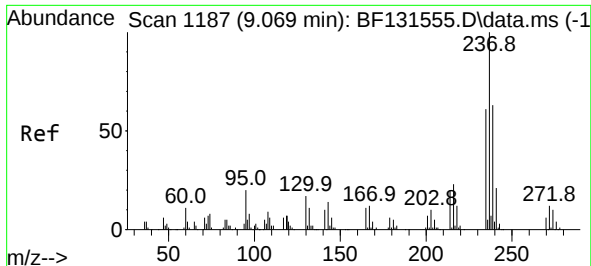
216 100

214 78.8 62.1 93.1

179 20.6 16.0 24.0

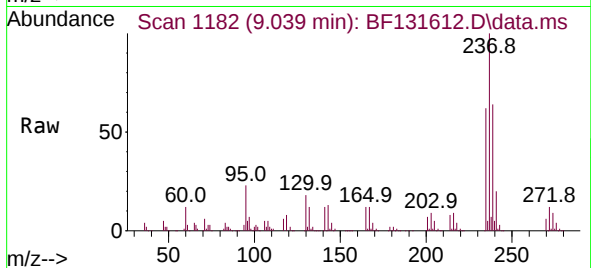
108 20.8 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 87.065 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

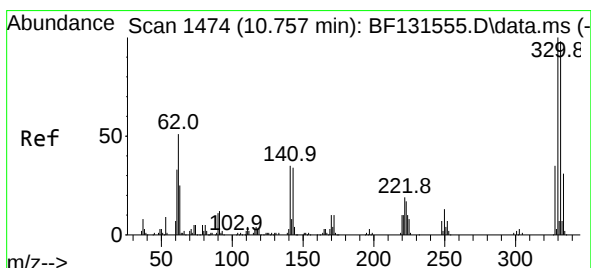
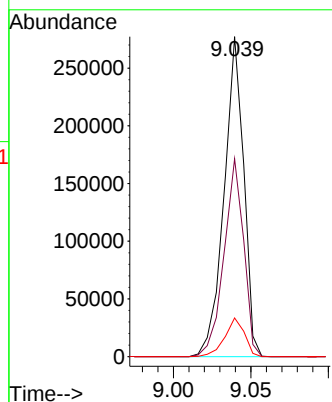
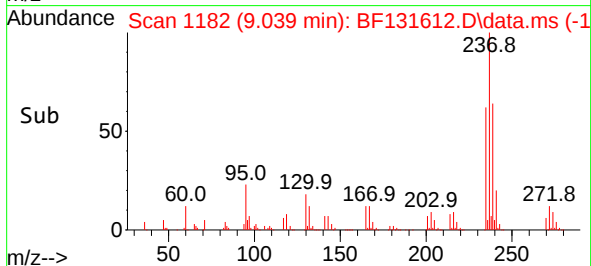
Instrument :
BNA_F
ClientSampleId :
PB149584BS



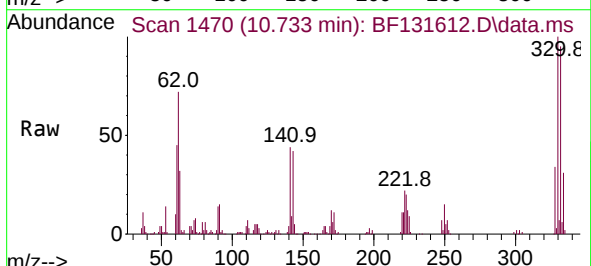
Tgt Ion:237 Resp: 244790
Ion Ratio Lower Upper
237 100
235 61.8 40.6 80.6
272 12.1 0.0 32.2

Manual Integrations
APPROVED

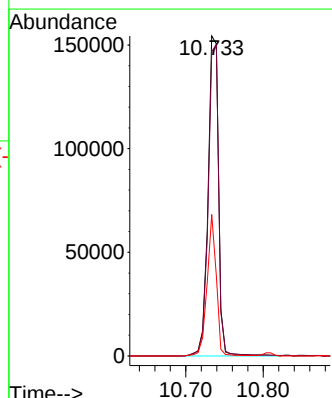
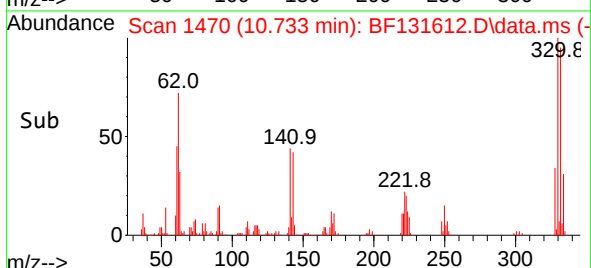
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

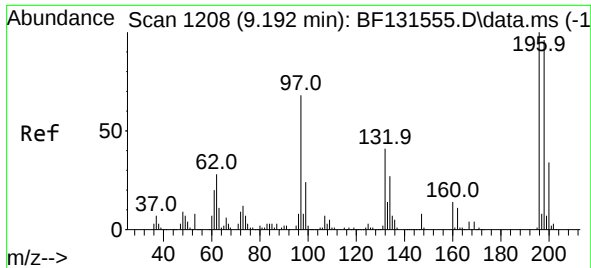


#42
2,4,6-Tribromophenol
Concen: 87.370 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



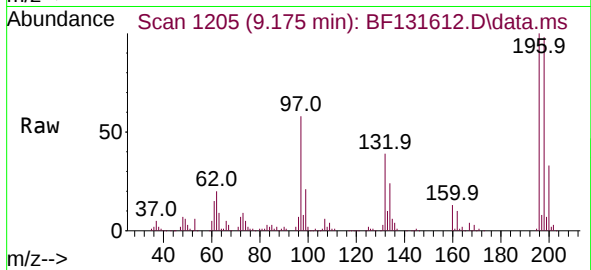
Tgt Ion:330 Resp: 145253
Ion Ratio Lower Upper
330 100
332 96.9 78.3 117.5
141 38.6 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 40.770 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

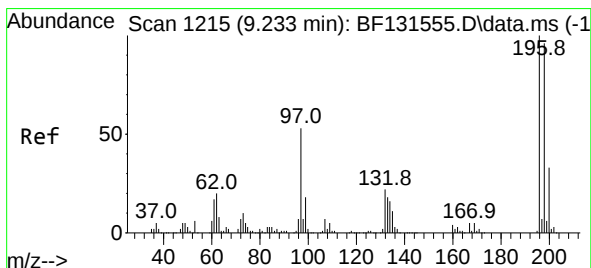
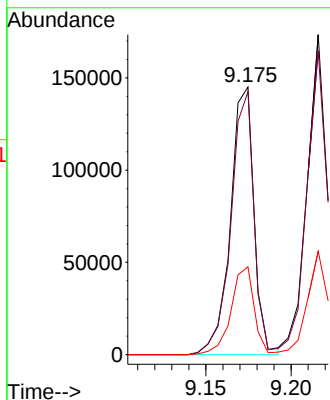
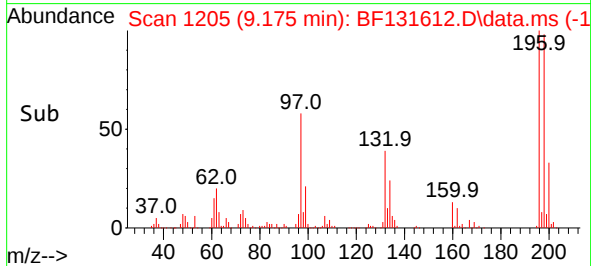
Instrument :
BNA_F
ClientSampleId :
PB149584BS



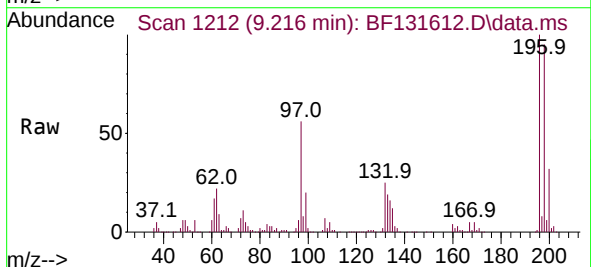
Tgt Ion:196 Resp: 13968
Ion Ratio Lower Upper
196 100
198 98.3 76.9 115.3
200 32.8 26.9 40.3

Manual Integrations
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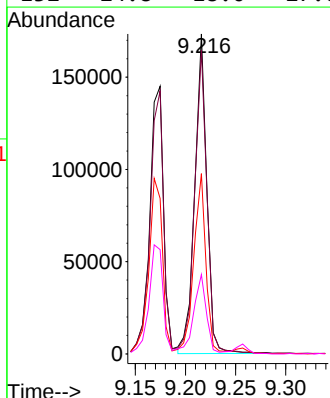
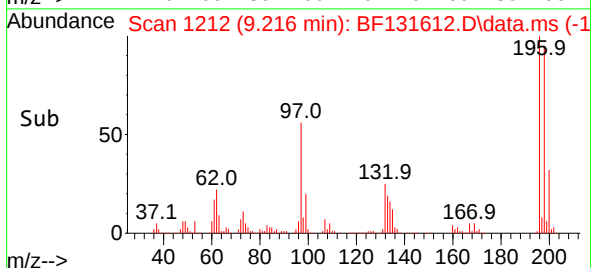
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

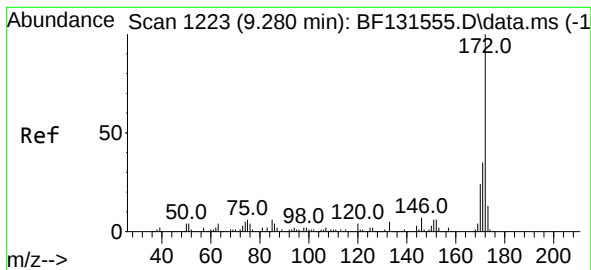


#44
2,4,5-Trichlorophenol
Concen: 39.470 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



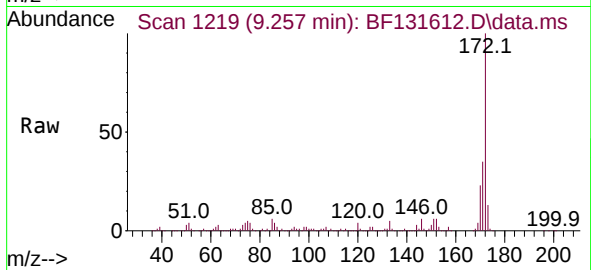
Tgt Ion:196 Resp: 145433
Ion Ratio Lower Upper
196 100
198 95.0 77.2 115.8
97 56.3 42.2 63.2
132 24.8 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 76.722 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

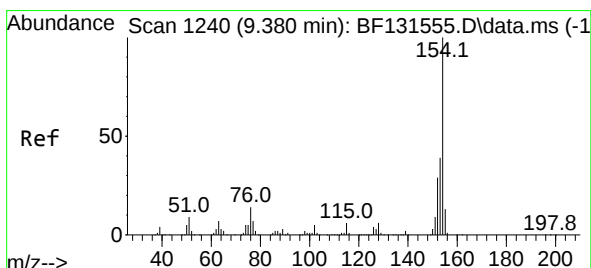
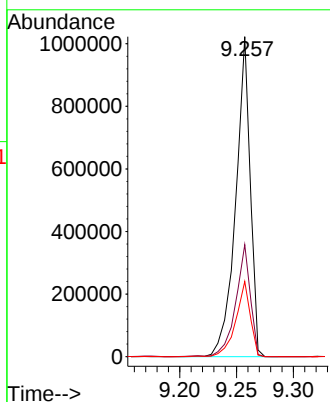
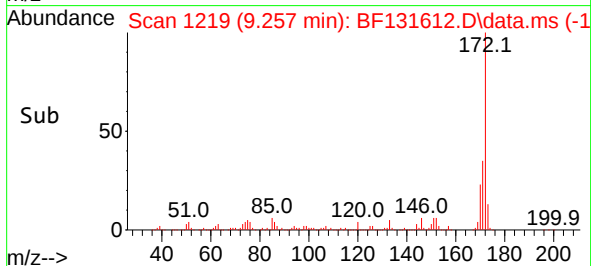
Instrument :
BNA_F
ClientSampleId :
PB149584BS



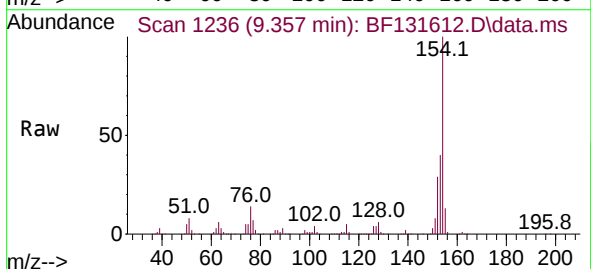
Tgt Ion:172 Resp: 910519
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.5 19.3 28.9

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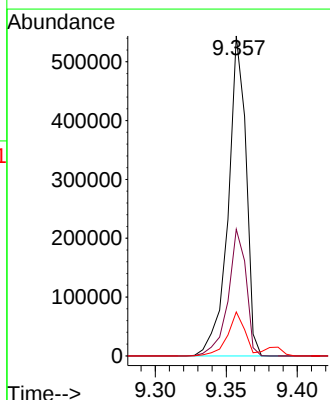
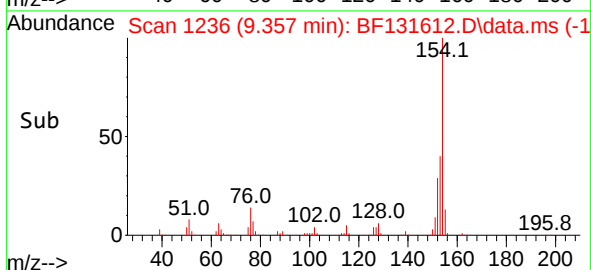
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

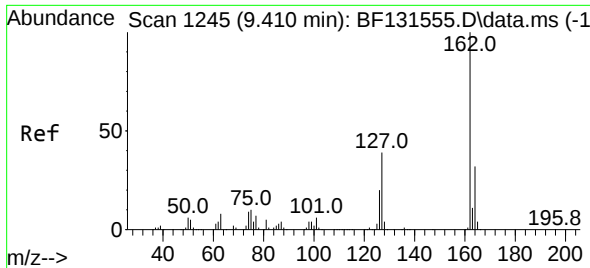


#46
1,1'-Biphenyl
Concen: 40.207 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



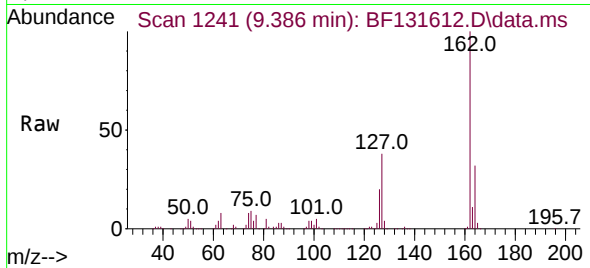
Tgt Ion:154 Resp: 475698
Ion Ratio Lower Upper
154 100
153 39.6 19.4 59.4
76 13.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 40.032 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

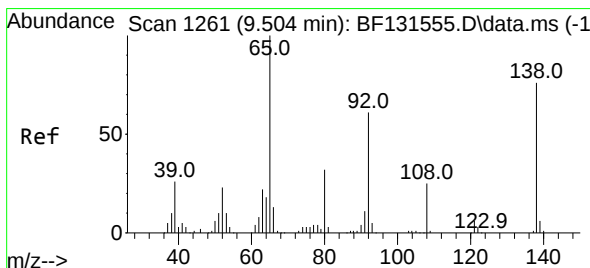
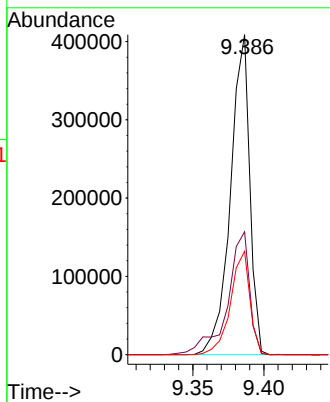
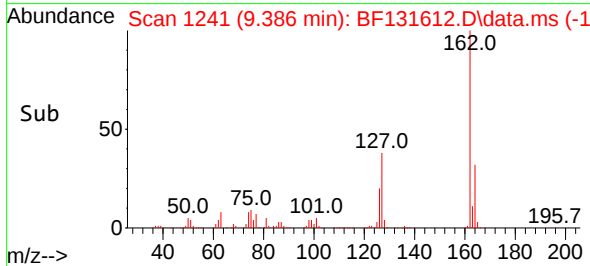
Instrument :
BNA_F
ClientSampleId :
PB149584BS



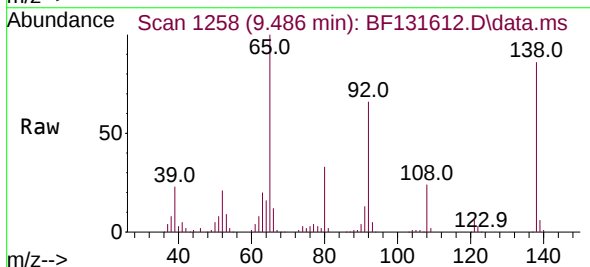
Tgt Ion:162 Resp: 385883
Ion Ratio Lower Upper
162 100
127 38.4 31.4 47.2
164 32.3 25.8 38.8

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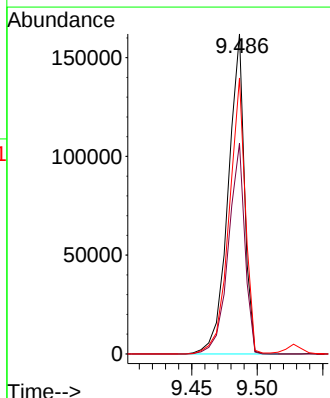
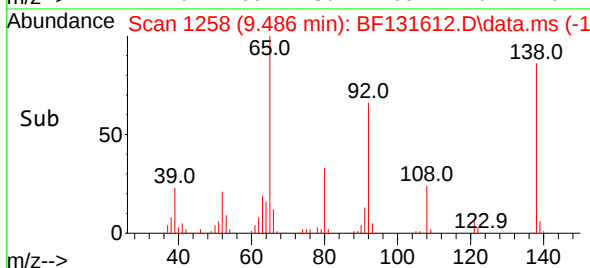
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

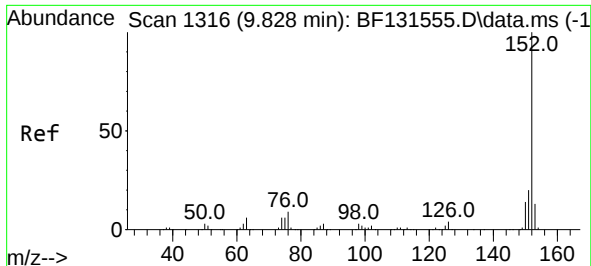


#48
2-Nitroaniline
Concen: 41.060 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion: 65 Resp: 140206
Ion Ratio Lower Upper
65 100
92 65.8 49.2 73.8
138 86.2 60.7 91.1





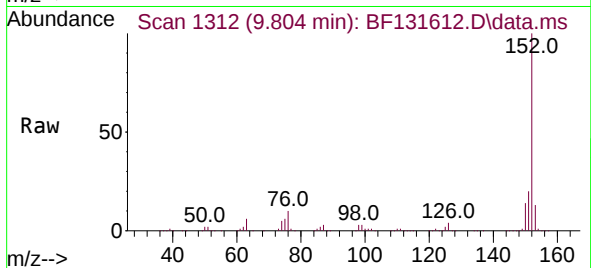
#49
Acenaphthylene
Concen: 40.844 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

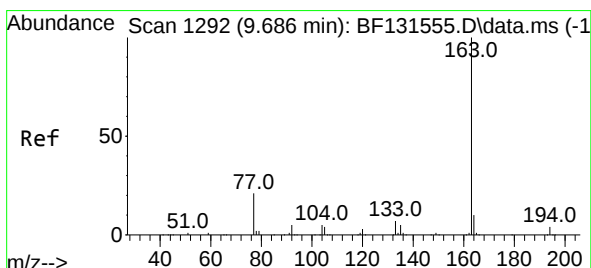
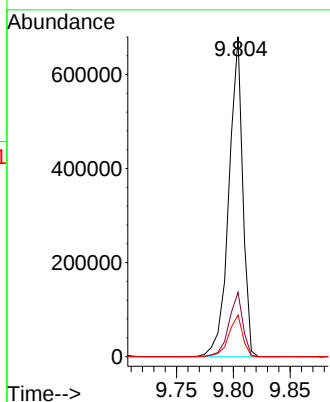
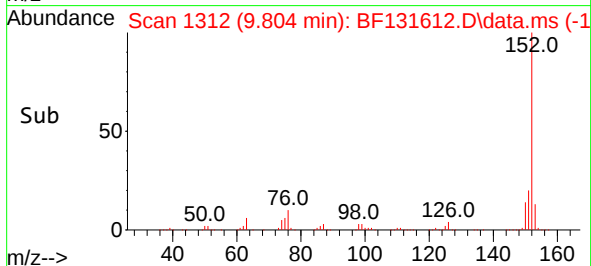


Tgt Ion:152 Resp: 578079
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.0 10.4 15.6

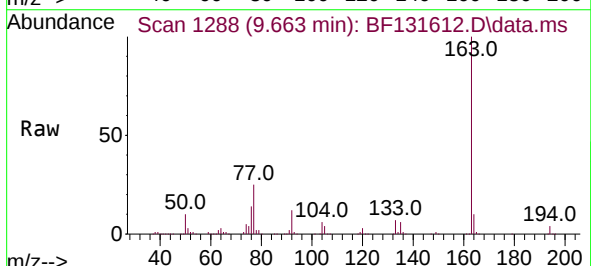
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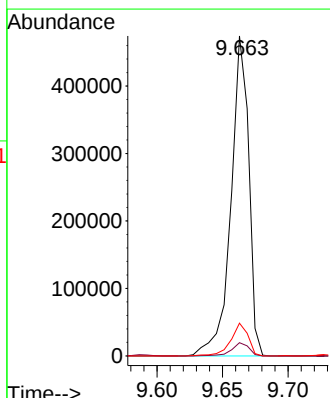
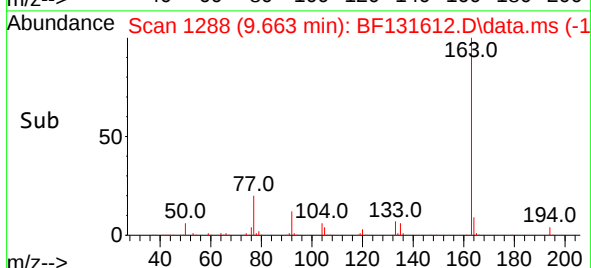
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

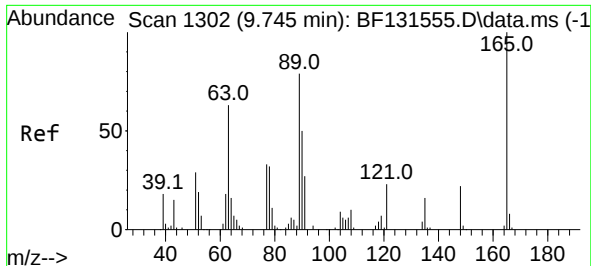


#50
Dimethylphthalate
Concen: 39.294 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:163 Resp: 448234
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.8 11.6





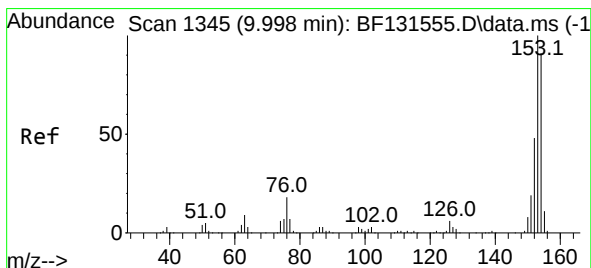
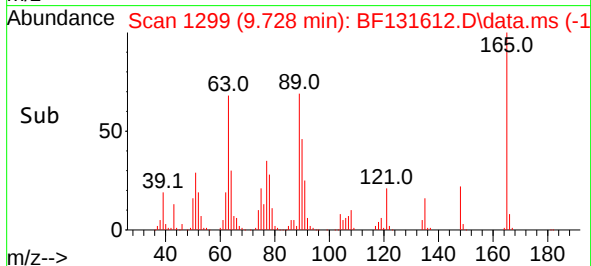
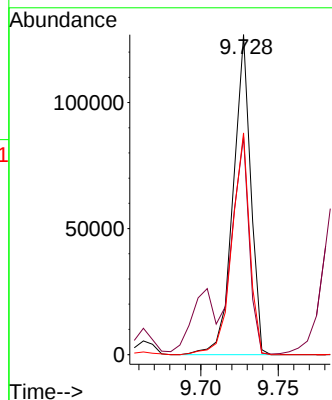
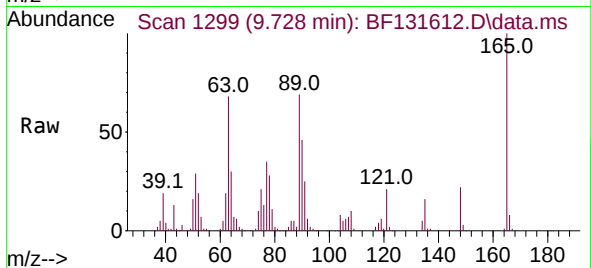
#51
2,6-Dinitrotoluene
Concen: 42.410 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion:165 Resp: 99874
Ion Ratio Lower Upper
165 100
63 68.0 67.9 101.9
89 69.3 63.2 94.8

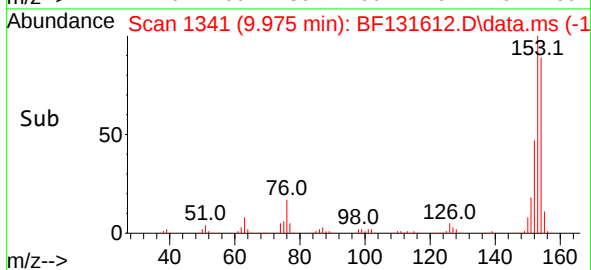
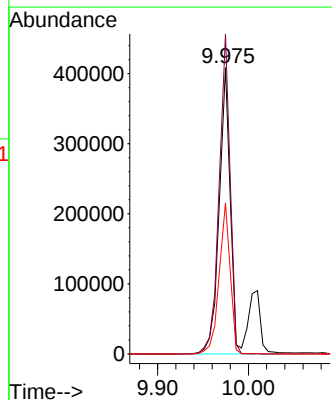
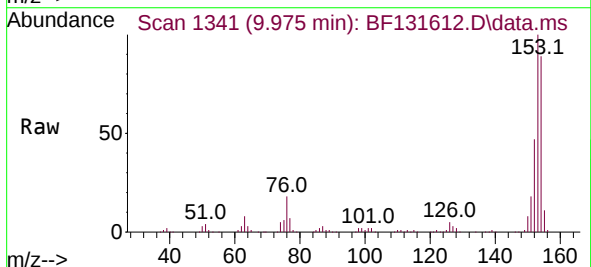
Manual Integrations
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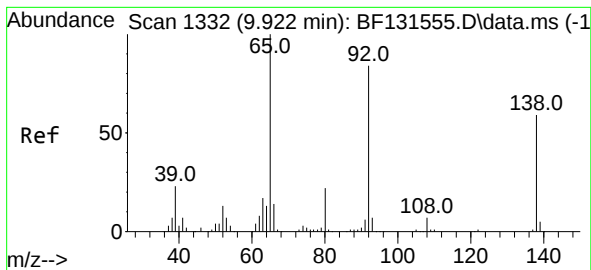
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 45.009 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:154 Resp: 426758
Ion Ratio Lower Upper
154 100
153 111.8 87.9 131.9
152 52.7 42.4 63.6





#53
3-Nitroaniline
Concen: 32.076 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

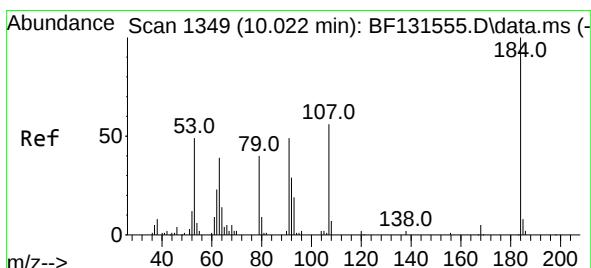
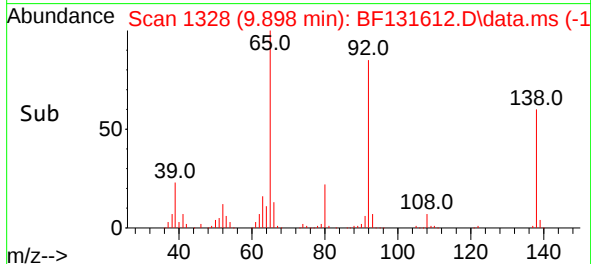
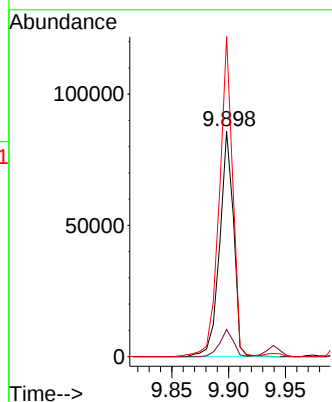
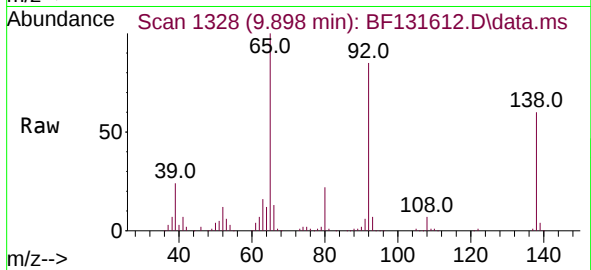
PB149584BS

Tgt Ion:138 Resp: 72476
Ion Ratio Lower Upper
138 100
108 12.1 9.6 14.4
92 142.0 113.4 170.0

Manual Integrations

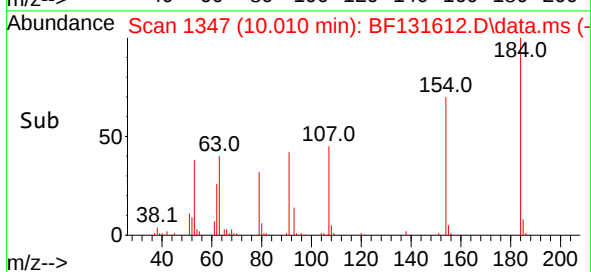
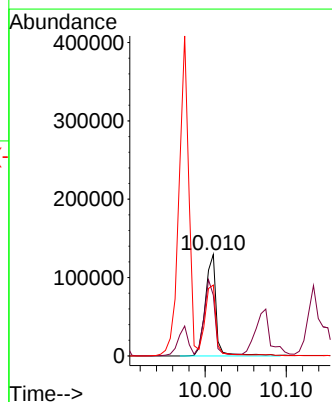
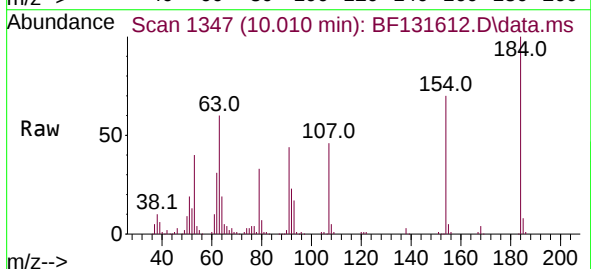
APPROVED

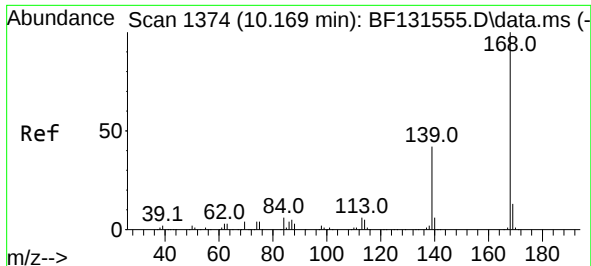
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 88.799 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

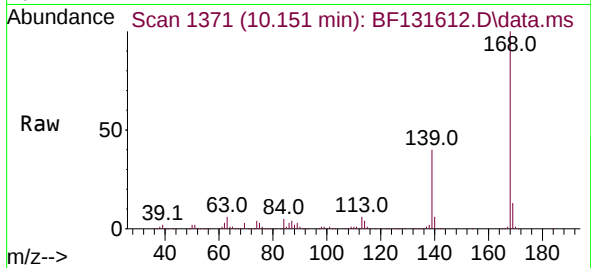
Tgt Ion:184 Resp: 120349
Ion Ratio Lower Upper
184 100
63 59.9 60.7 91.1#
154 69.9 59.0 88.6





#55
Dibenzenofuran
Concen: 39.828 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

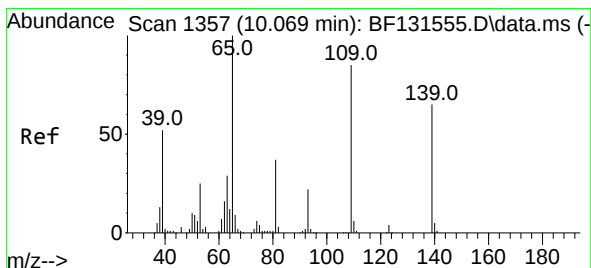
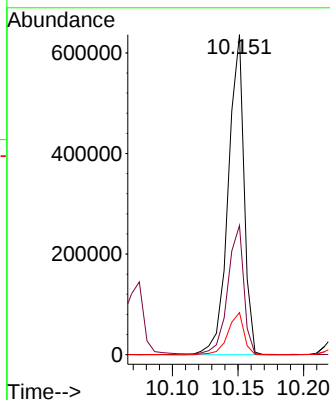
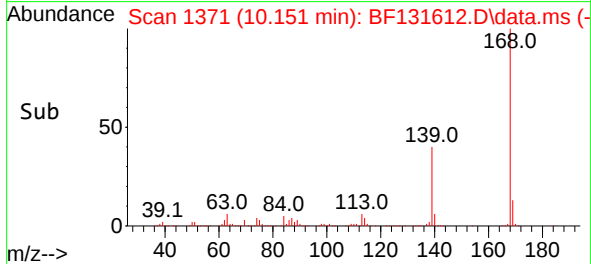
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:168 Resp: 533574
Ion Ratio Lower Upper
168 100
139 40.4 33.9 50.9
169 13.1 10.7 16.1

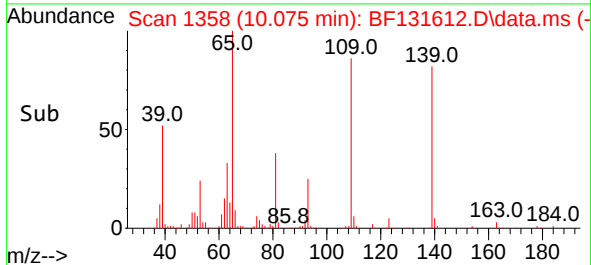
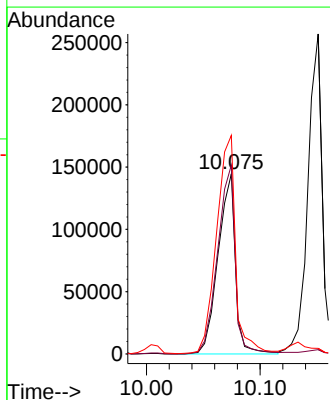
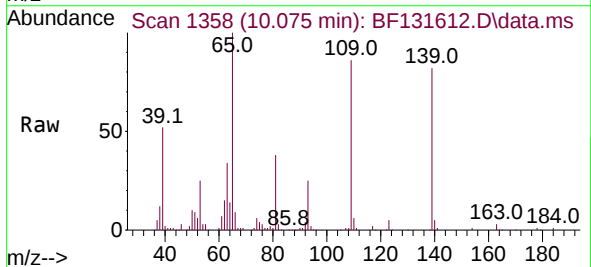
Manual Integrations
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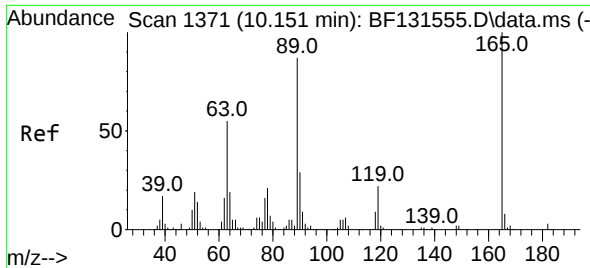
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 97.247 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

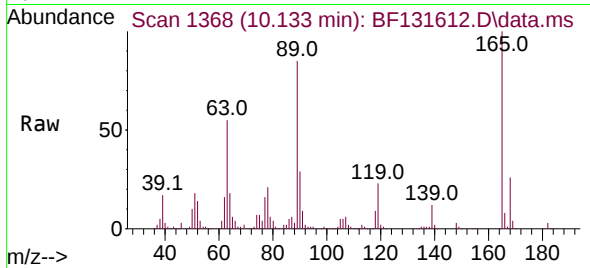
Tgt Ion:139 Resp: 152642
Ion Ratio Lower Upper
139 100
109 104.9 110.2 150.2#
65 121.5 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 44.190 ng
RT: 10.133 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

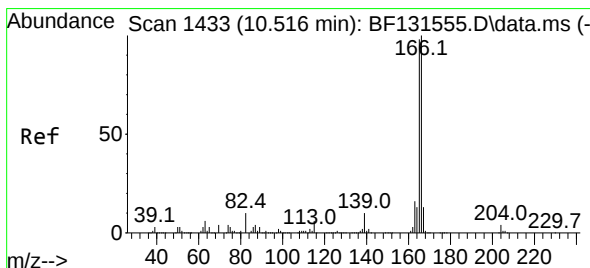
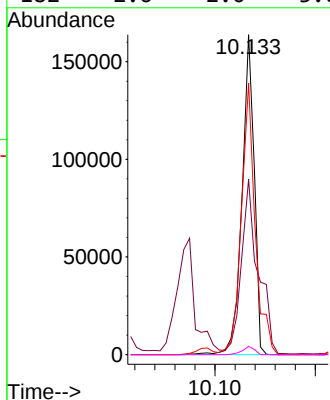
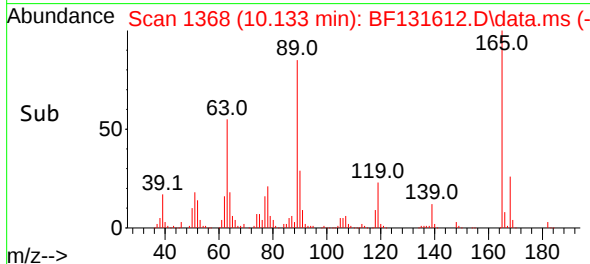
Instrument :
BNA_F
ClientSampleId :
PB149584BS



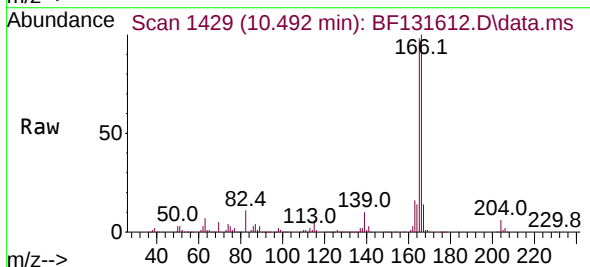
Tgt Ion:165 Resp: 138045
Ion Ratio Lower Upper
165 100
63 54.8 44.4 66.6
89 84.9 69.6 104.4
182 2.6 2.0 3.0

Manual Integrations
APPROVED

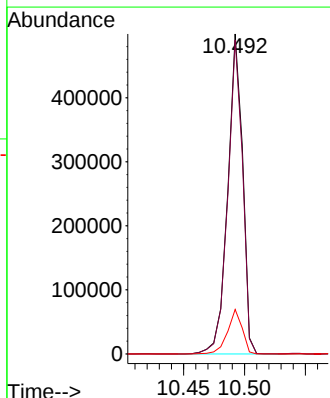
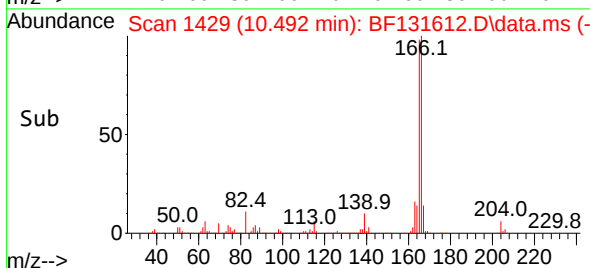
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

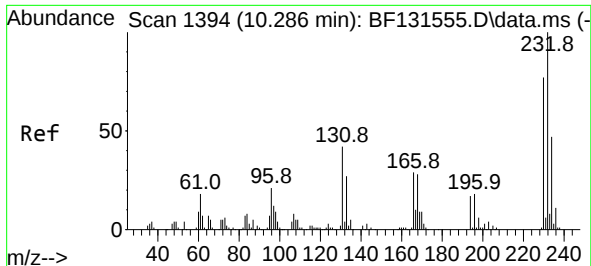


#58
Fluorene
Concen: 39.138 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:166 Resp: 426252
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.828 ng m
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

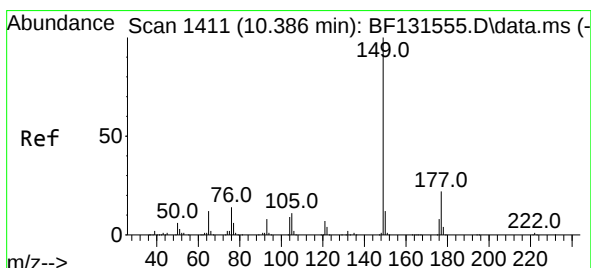
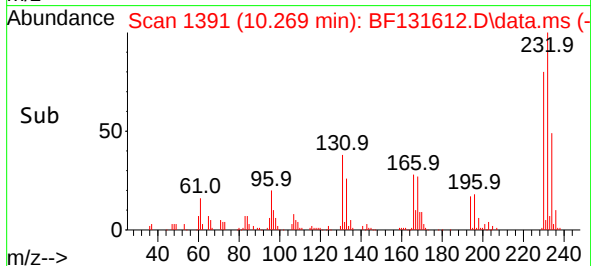
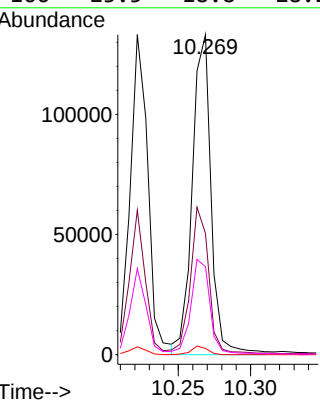
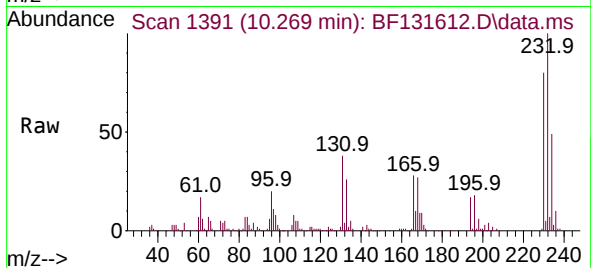
PB149584BS

Tgt Ion:232 Resp: 12115
Ion Ratio Lower Upper
232 100
131 38.7 31.0 46.6
130 2.2 1.8 2.8
166 23.5 18.8 28.2

Manual Integrations

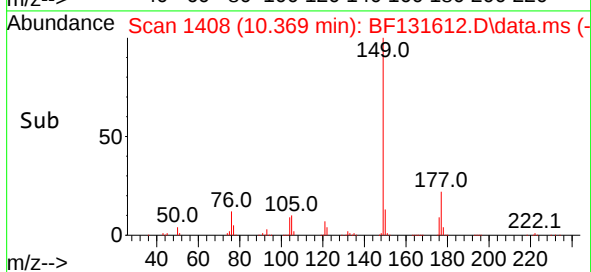
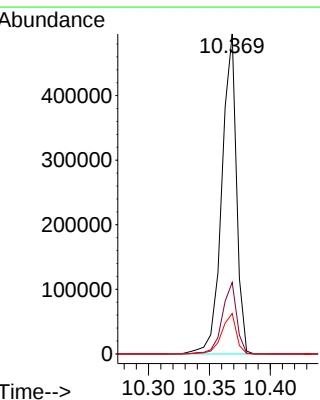
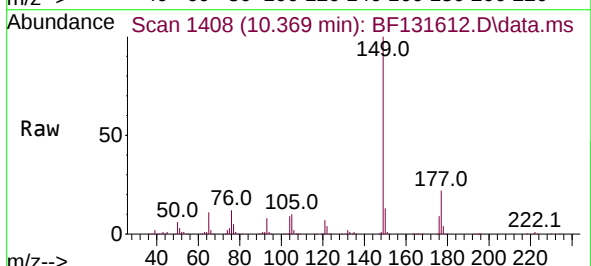
APPROVED

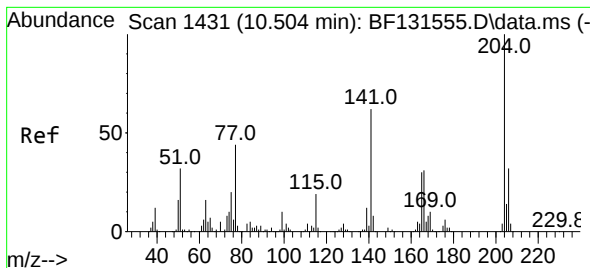
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#60
Diethylphthalate
Concen: 37.890 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

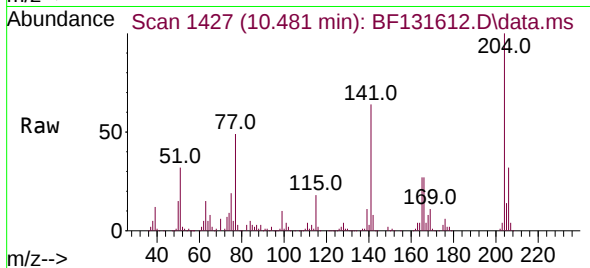
Tgt Ion:149 Resp: 414770
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 37.836 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

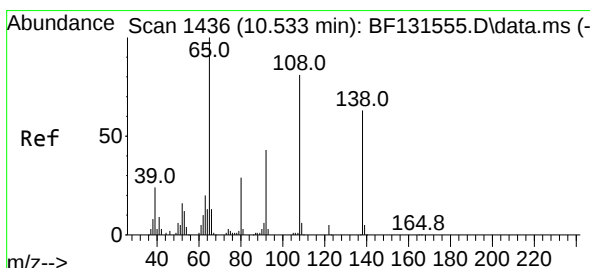
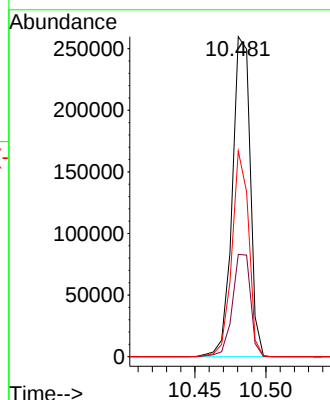
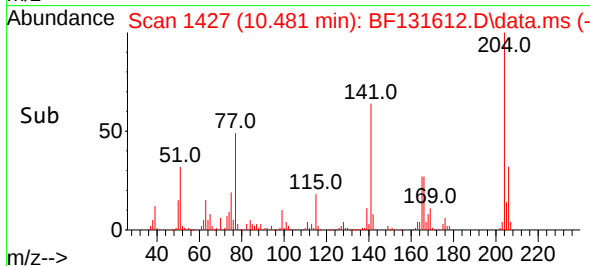
Instrument :
BNA_F
ClientSampleId :
PB149584BS



Tgt Ion:204 Resp: 227725
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 64.3 49.5 74.3

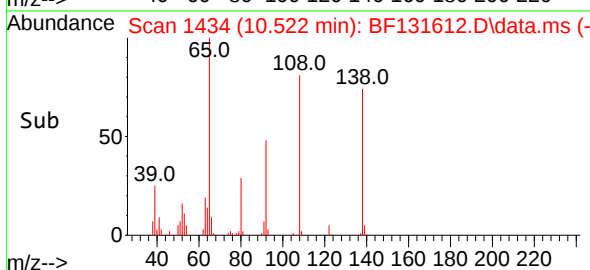
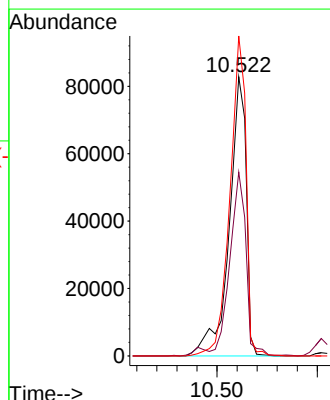
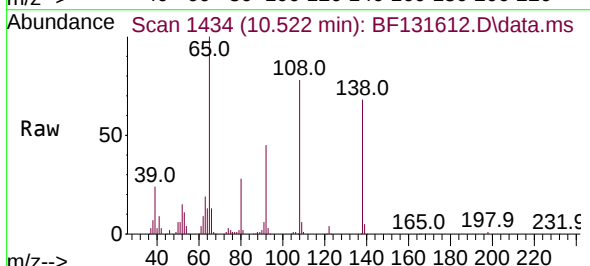
Manual Integrations
APPROVED

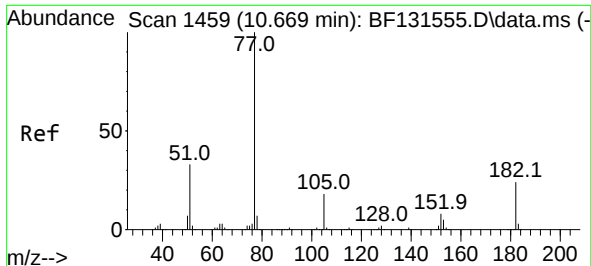
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 43.547 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:138 Resp: 97503
Ion Ratio Lower Upper
138 100
92 65.8 47.5 87.5
108 114.6 108.8 148.8





#63
Azobenzene
Concen: 37.369 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

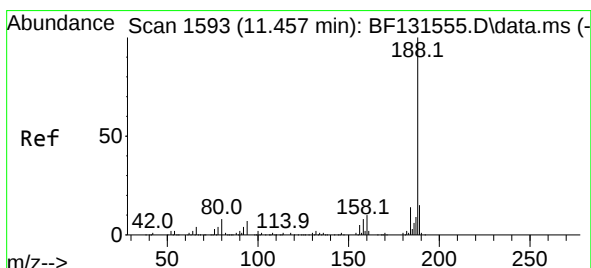
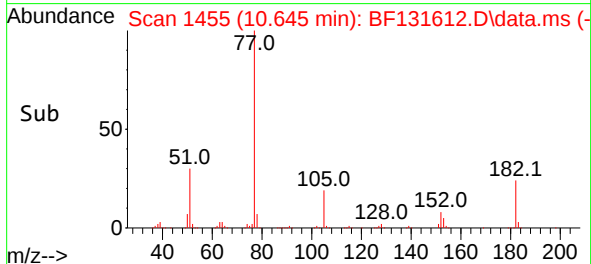
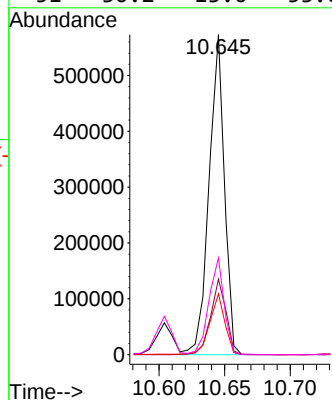
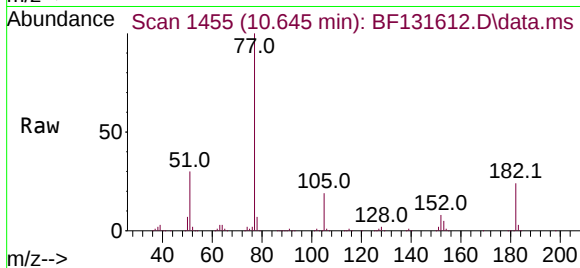
PB149584BS

Tgt Ion: 77 Resp: 466559
Ion Ratio Lower Upper
77 100
182 23.6 3.9 43.9
105 19.0 0.0 38.3
51 30.2 13.0 53.0

Manual Integrations

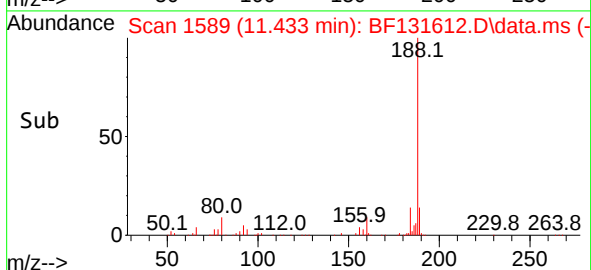
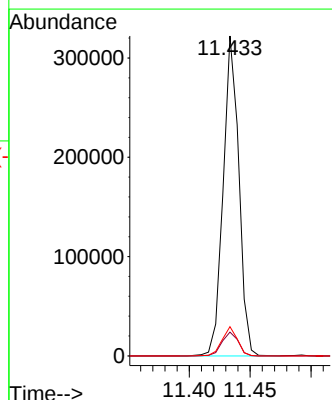
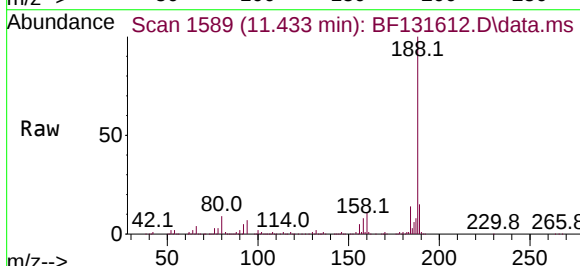
APPROVED

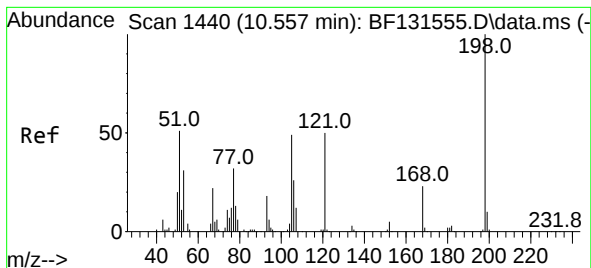
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:188 Resp: 288944
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 9.1 6.6 10.0





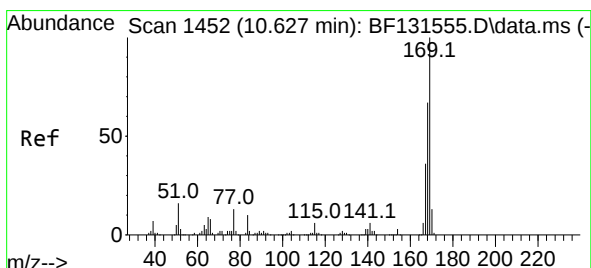
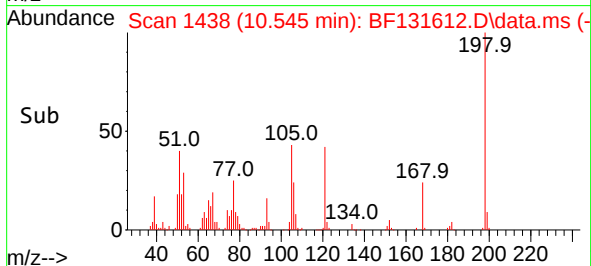
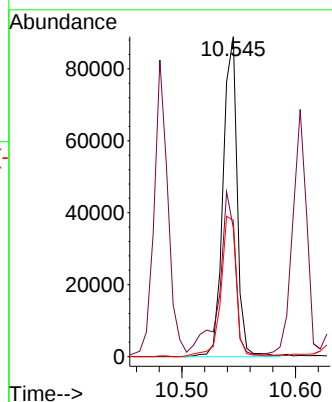
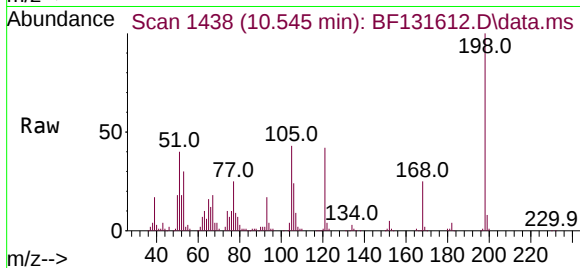
#65
4,6-Dinitro-2-methylphenol
Concen: 41.827 ng
RT: 10.545 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion:198 Resp: 7654
Ion Ratio Lower Upper
198 100
51 40.2 36.7 76.7
105 42.6 29.9 69.9

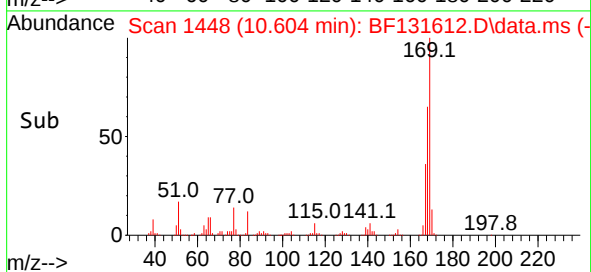
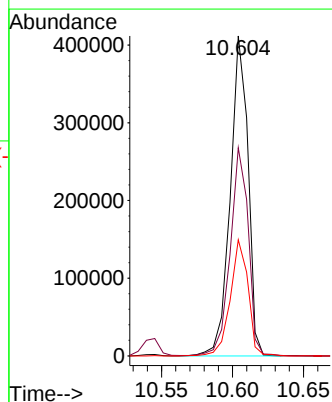
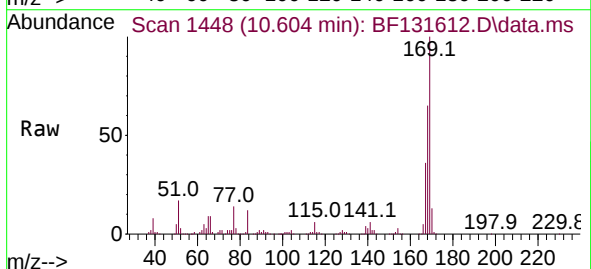
Manual Integrations
APPROVED

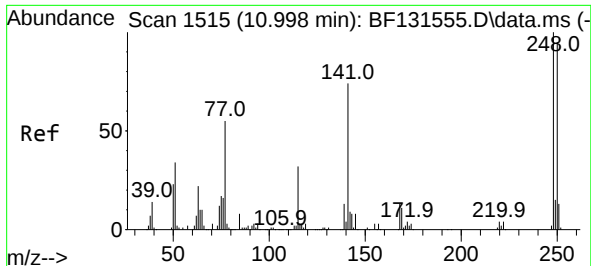
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 38.382 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

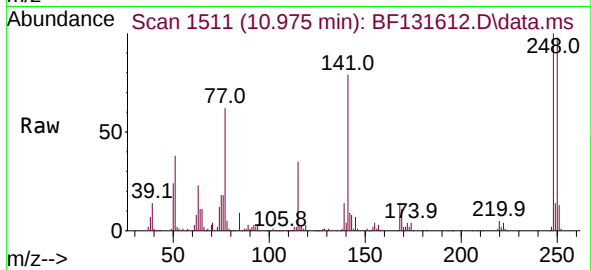
Tgt Ion:169 Resp: 358536
Ion Ratio Lower Upper
169 100
168 65.0 53.8 80.6
167 36.3 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 36.323 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

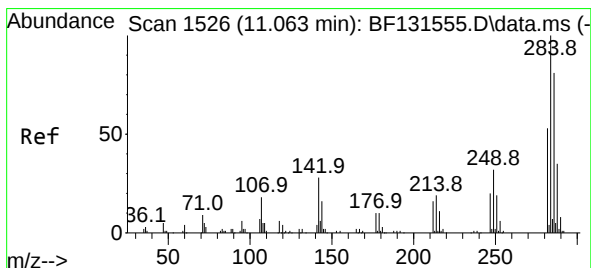
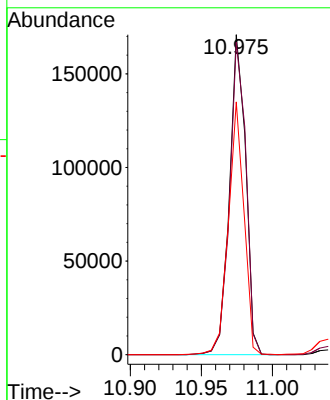
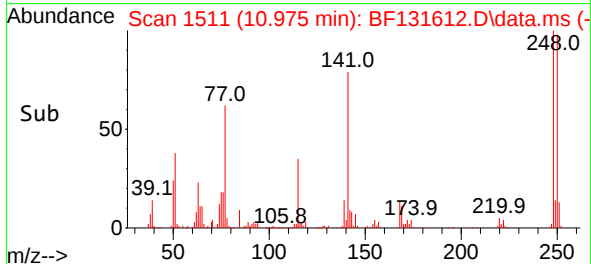
Instrument :
BNA_F
ClientSampleId :
PB149584BS



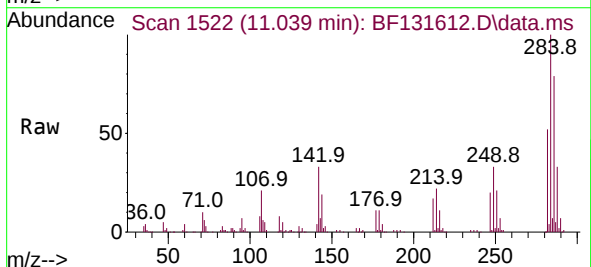
Tgt Ion:248 Resp: 135013
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.2
141 79.0 59.5 89.3

Manual Integrations
APPROVED

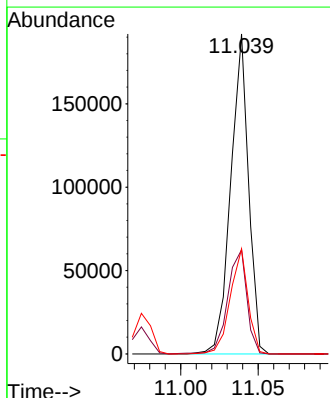
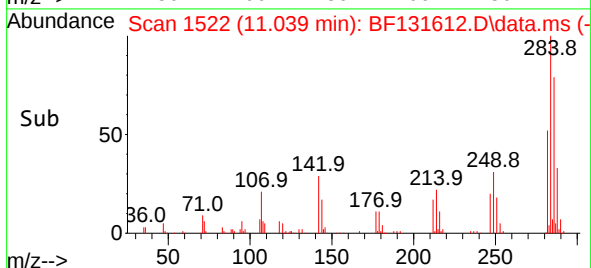
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

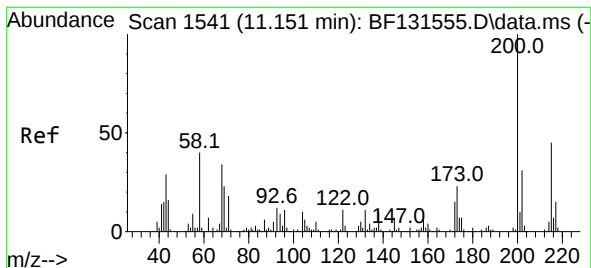


#68
Hexachlorobenzene
Concen: 38.183 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:284 Resp: 153518
Ion Ratio Lower Upper
284 100
142 32.5 22.3 33.5
249 32.8 25.4 38.2





#69

Atrazine

Concen: 45.396 ng

RT: 11.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

Tgt Ion:200 Resp: 134662

Ion Ratio Lower Upper

200 100

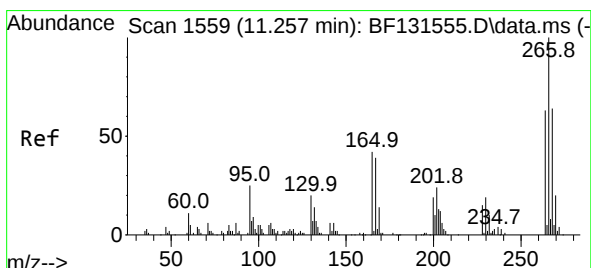
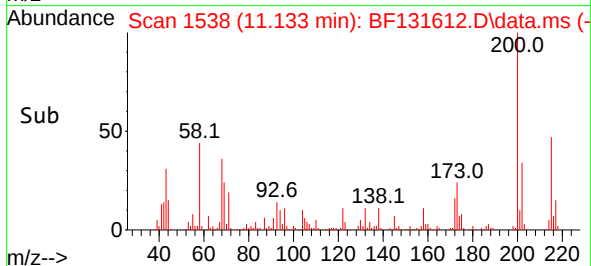
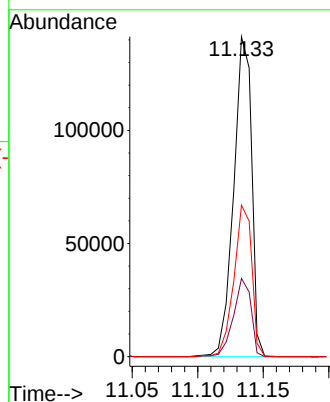
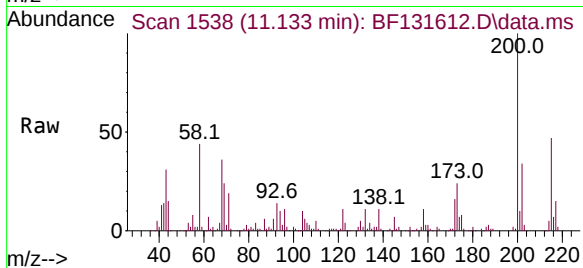
173 24.4 3.4 43.4

215 47.3 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#70

Pentachlorophenol

Concen: 77.218 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

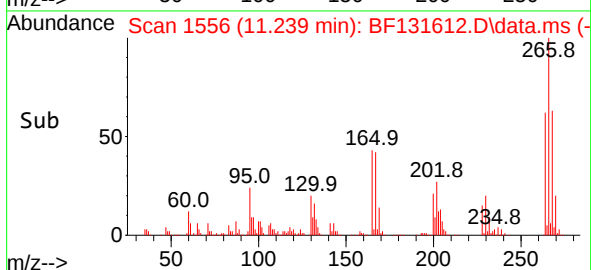
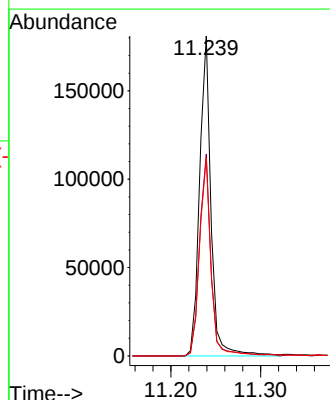
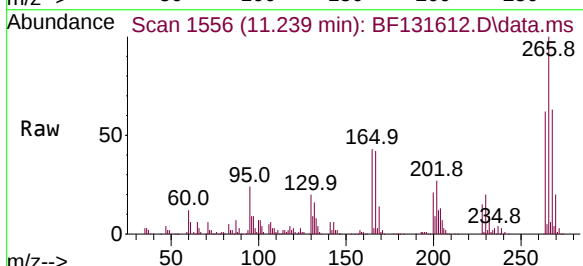
Tgt Ion:266 Resp: 159829

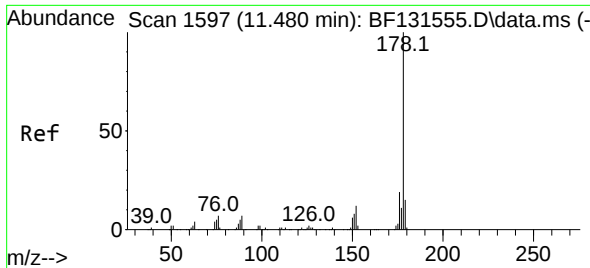
Ion Ratio Lower Upper

266 100

268 63.1 51.5 77.3

264 61.9 50.7 76.1





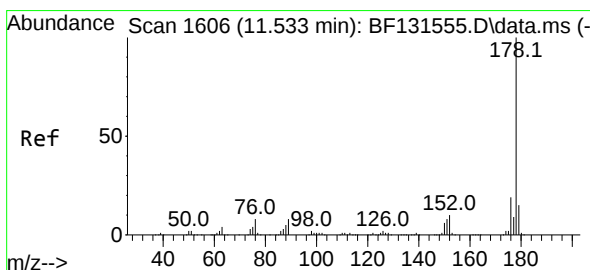
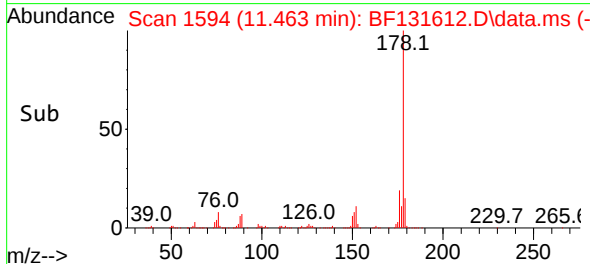
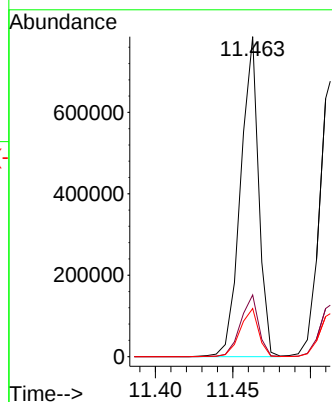
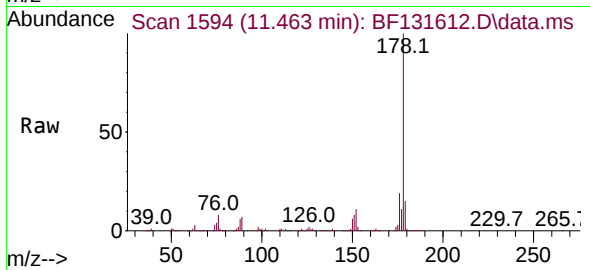
#71
Phenanthrene
Concen: 39.522 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion:178 Resp: 636515
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.0 12.2 18.4

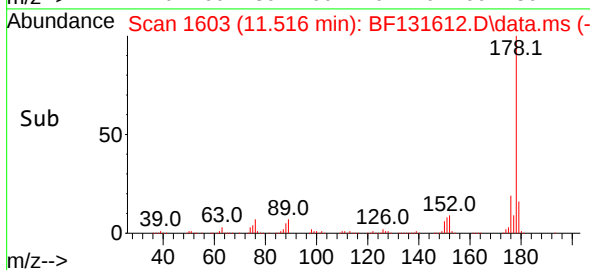
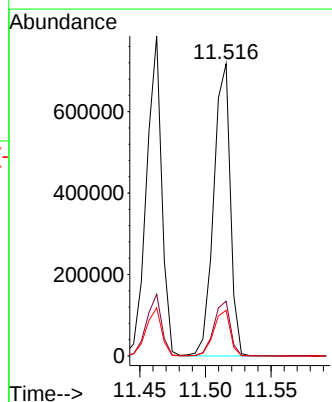
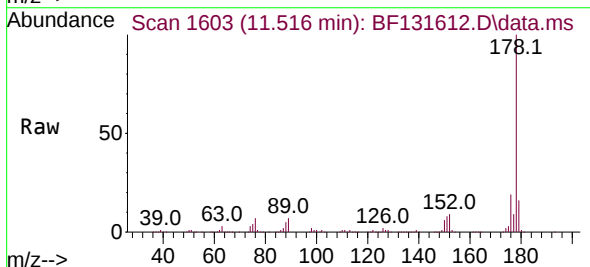
Manual Integrations
APPROVED

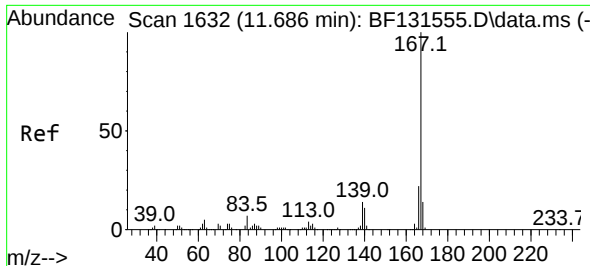
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#72
Anthracene
Concen: 40.447 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

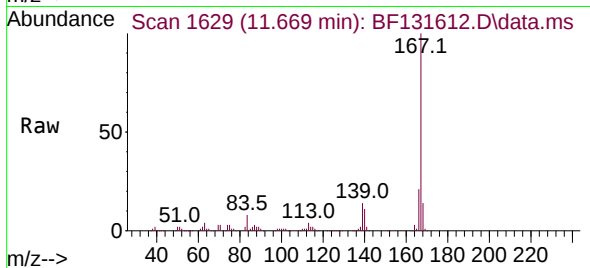
Tgt Ion:178 Resp: 633771
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 43.456 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131612.D
 Acq: 13 Dec 2022 14:49

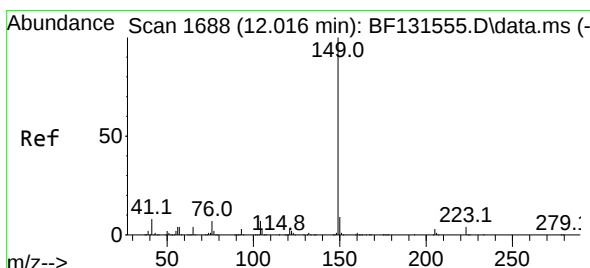
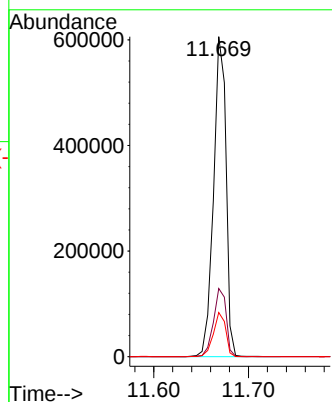
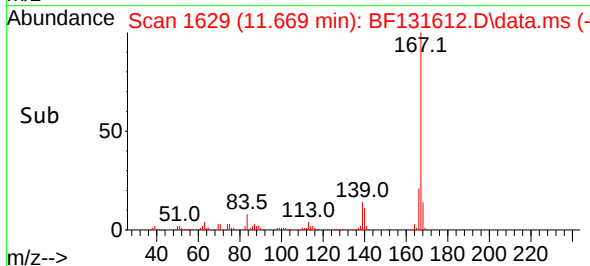
Instrument :
 BNA_F
 ClientSampleId :
 PB149584BS



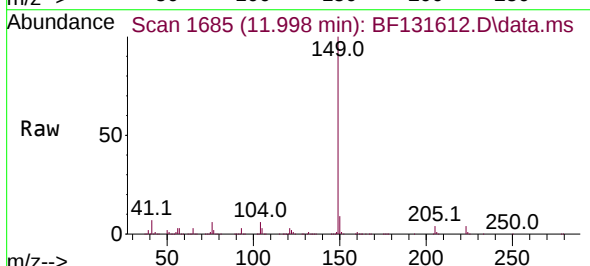
Tgt Ion:167 Resp: 555790
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

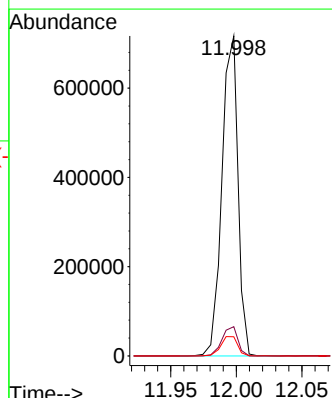
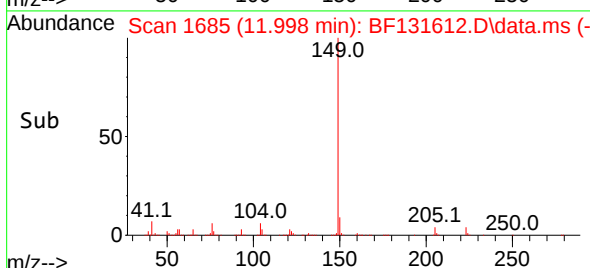
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

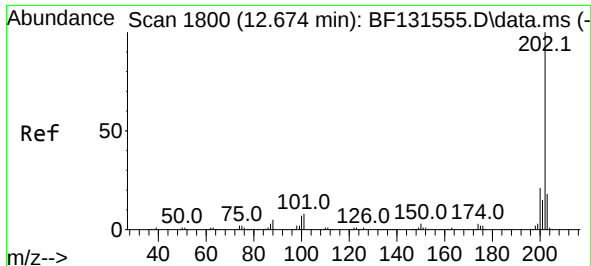


#74
 Di-n-butylphthalate
 Concen: 39.028 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: BF131612.D
 Acq: 13 Dec 2022 14:49



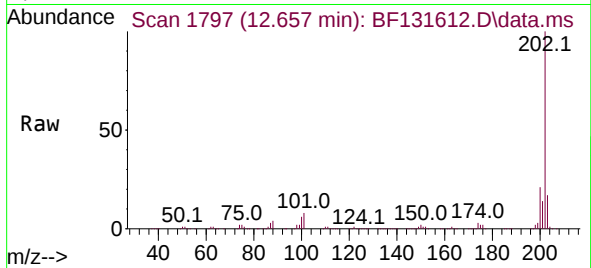
Tgt Ion:149 Resp: 612372
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.0 5.2 7.8





#75
Fluoranthene
Concen: 41.990 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

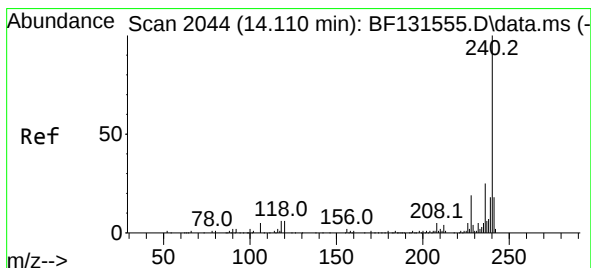
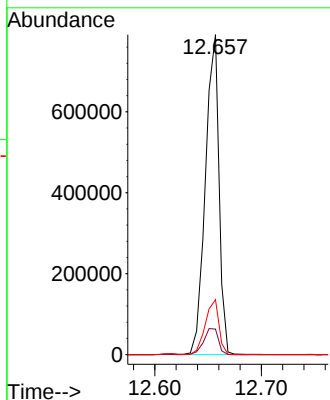
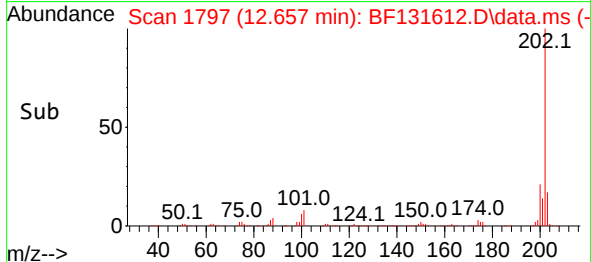
Instrument :
BNA_F
ClientSampleId :
PB149584BS



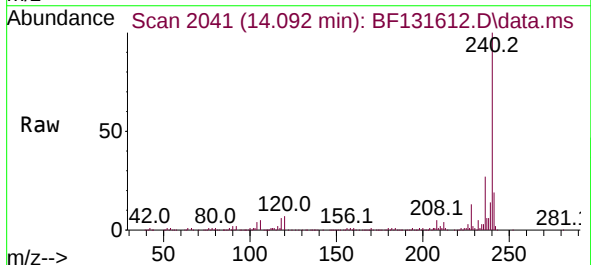
Tgt Ion:202 Resp: 696362
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.2 0.0 37.7

Manual Integrations
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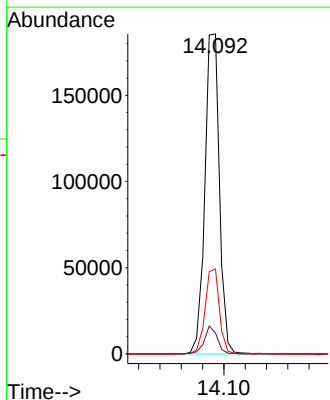
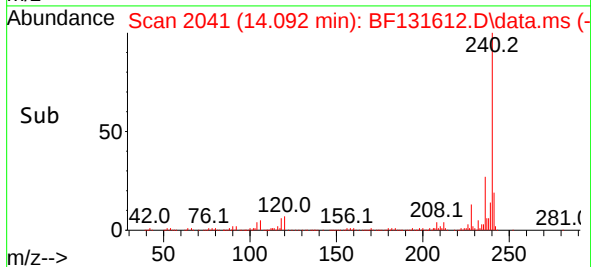
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

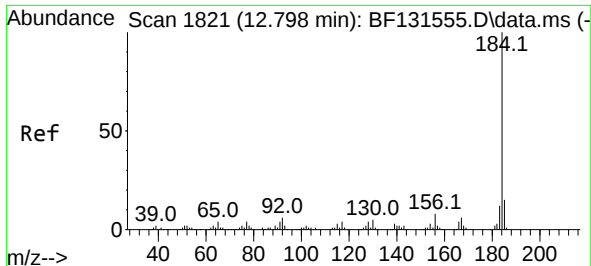


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



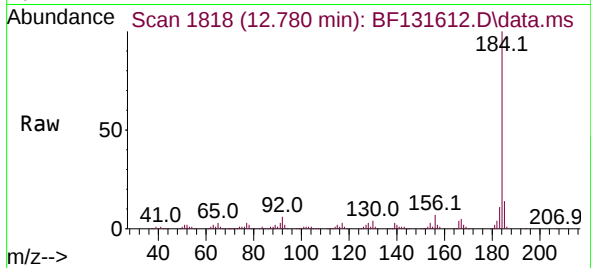
Tgt Ion:240 Resp: 175571
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 26.6 20.2 30.2





#77
Benzidine
Concen: 40.890 ng
RT: 12.780 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

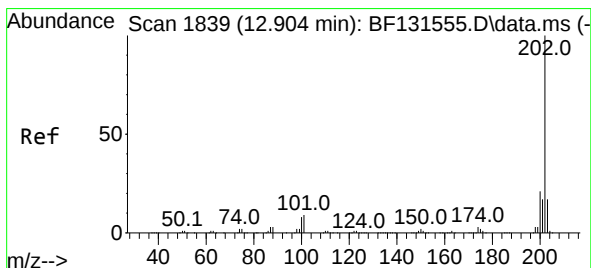
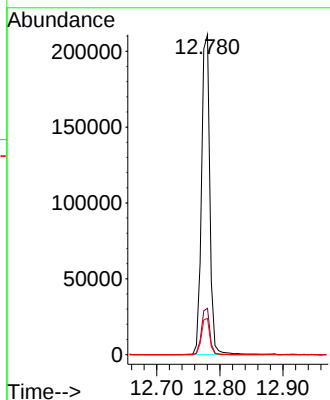
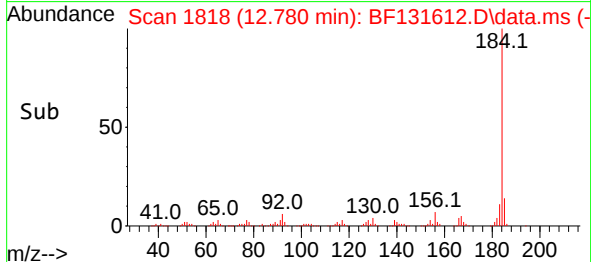
Instrument :
BNA_F
ClientSampleId :
PB149584BS



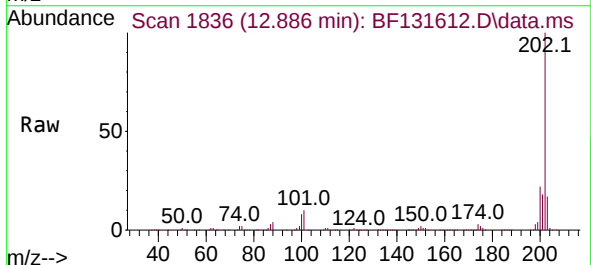
Tgt Ion:184 Resp: 19235
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.3 9.3 13.9

Manual Integrations
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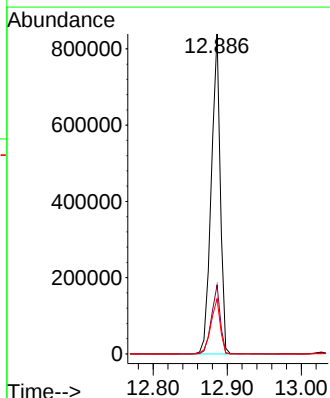
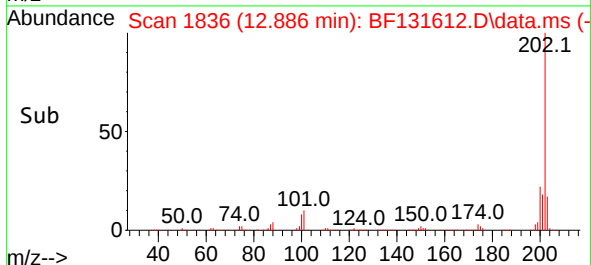
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

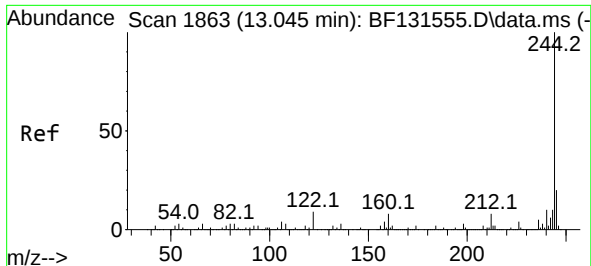


#78
Pyrene
Concen: 40.863 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:202 Resp: 707426
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 17.3 13.8 20.6





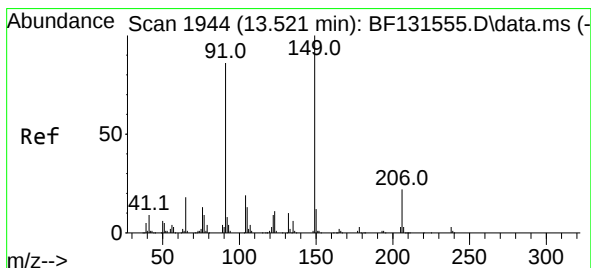
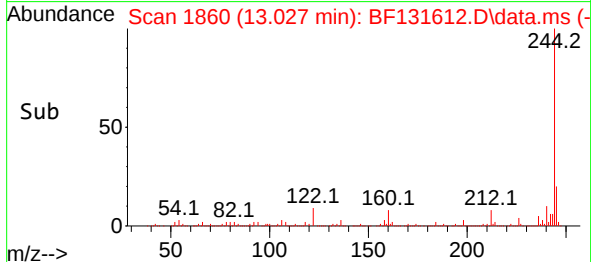
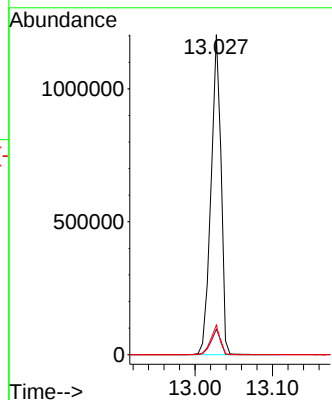
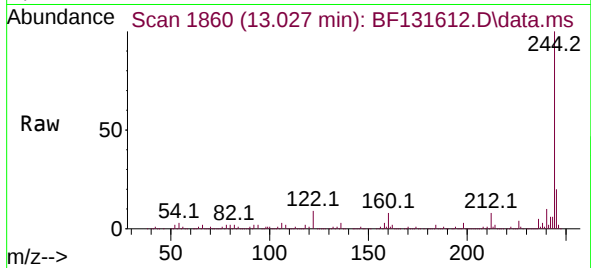
#79
Terphenyl-d14
Concen: 83.910 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB149584BS

Tgt Ion:244 Resp: 1074242
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.2 7.1 10.7

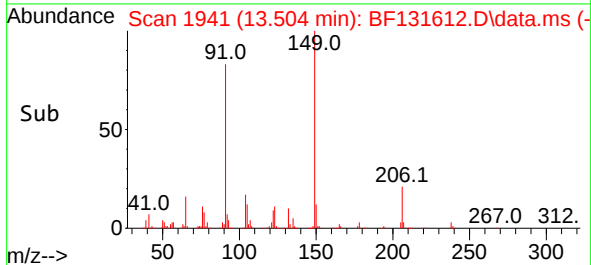
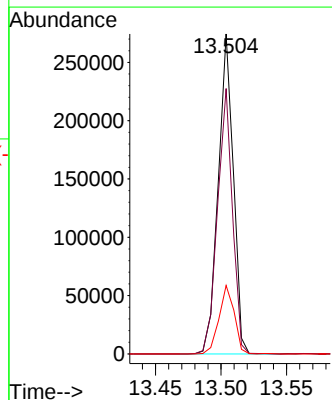
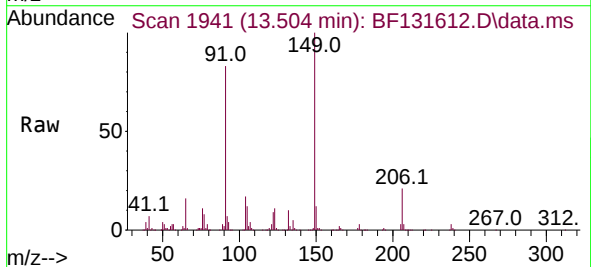
Manual Integrations
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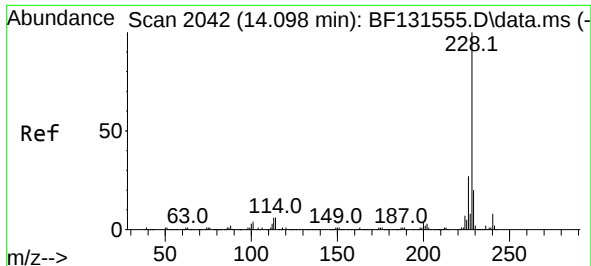
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#80
Butylbenzylphthalate
Concen: 44.047 ng
RT: 13.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:149 Resp: 220679
Ion Ratio Lower Upper
149 100
91 82.9 69.0 103.4
206 21.4 17.8 26.8





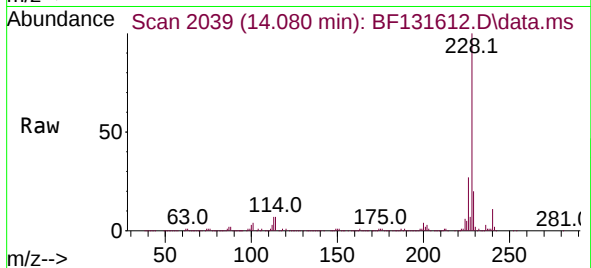
#81
Benzo(a)anthracene
Concen: 40.458 ng
RT: 14.080 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

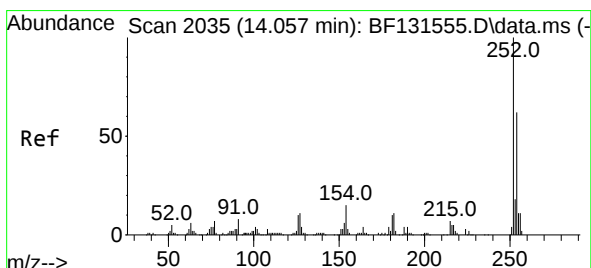
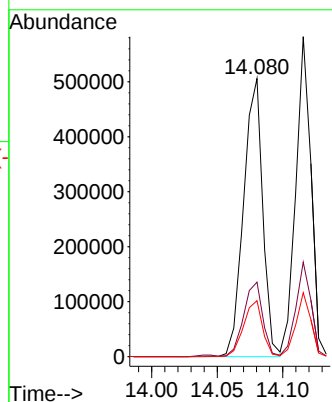
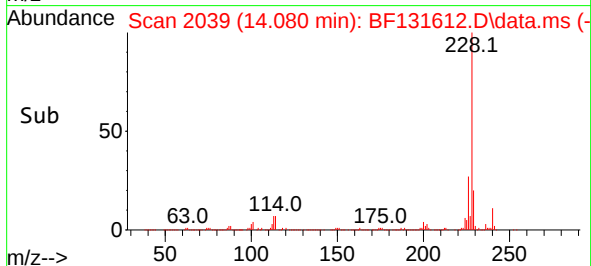


Tgt Ion:228 Resp: 512968
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 20.1 15.8 23.6

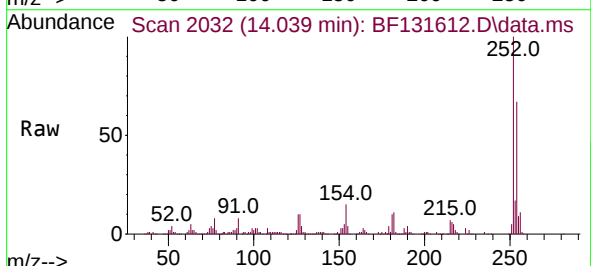
Manual Integrations

APPROVED

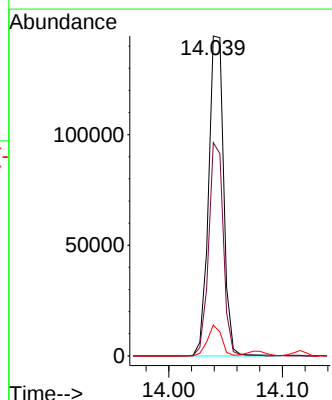
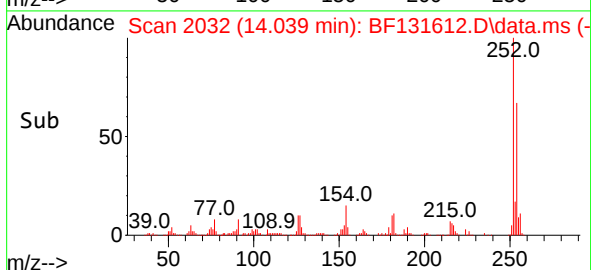
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

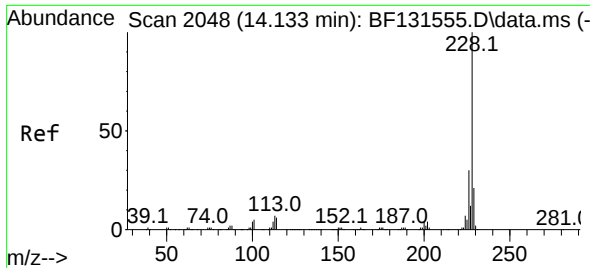


#82
3,3'-Dichlorobenzidine
Concen: 37.049 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



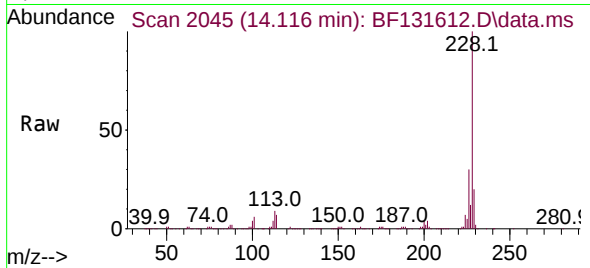
Tgt Ion:252 Resp: 133650
Ion Ratio Lower Upper
252 100
254 66.6 49.6 74.4
126 9.6 7.9 11.9





#83
Chrysene
Concen: 39.169 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

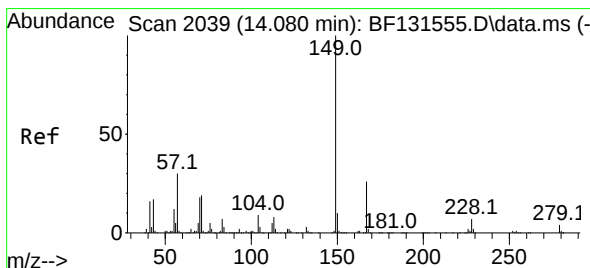
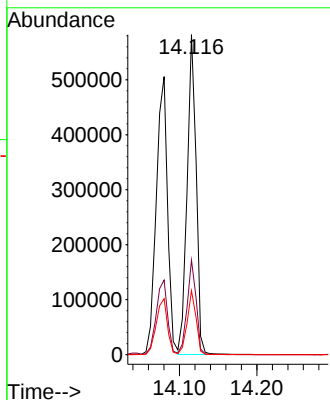
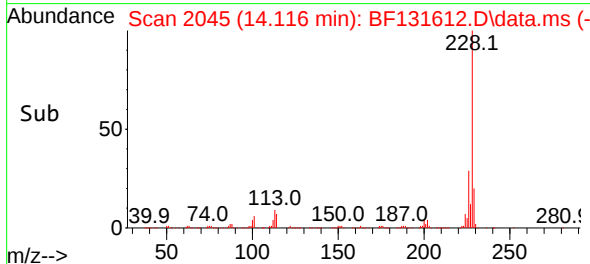
Instrument :
BNA_F
ClientSampleId :
PB149584BS



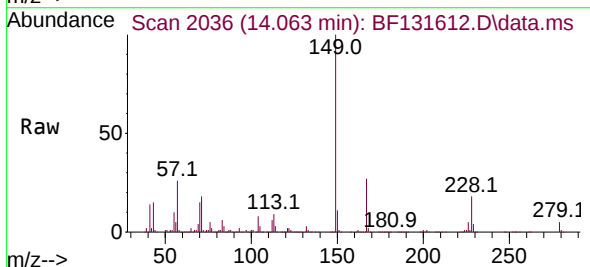
Tgt Ion:228 Resp: 472143
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 20.0 16.7 25.1

Manual Integrations
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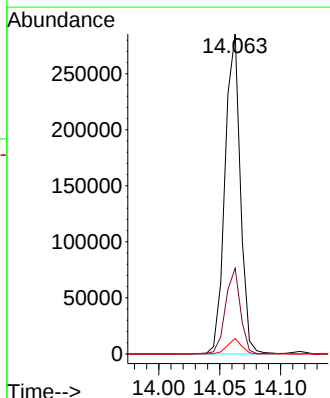
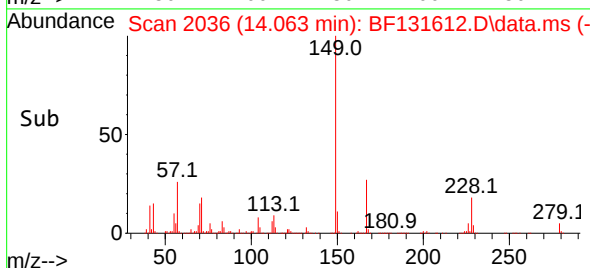
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

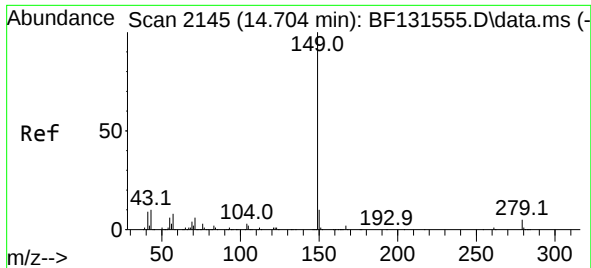


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.232 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



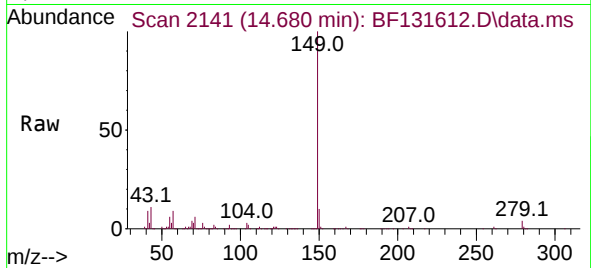
Tgt Ion:149 Resp: 249166
Ion Ratio Lower Upper
149 100
167 26.7 20.8 31.2
279 4.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 31.325 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

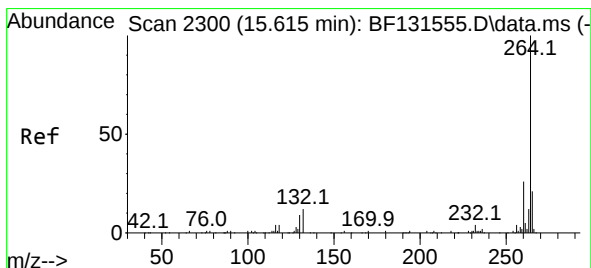
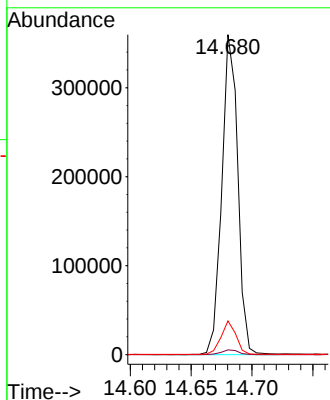
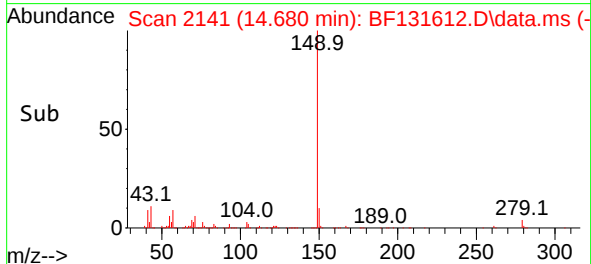
Instrument :
BNA_F
ClientSampleId :
PB149584BS



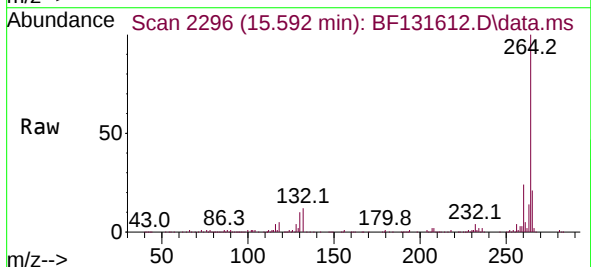
Tgt Ion:149 Resp: 327590
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 8.6 13.0

Manual Integrations
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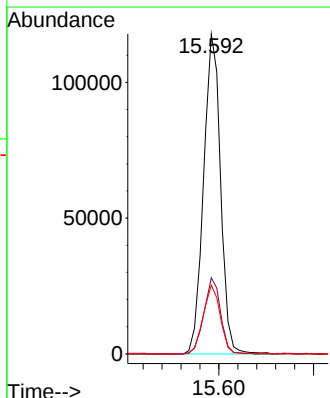
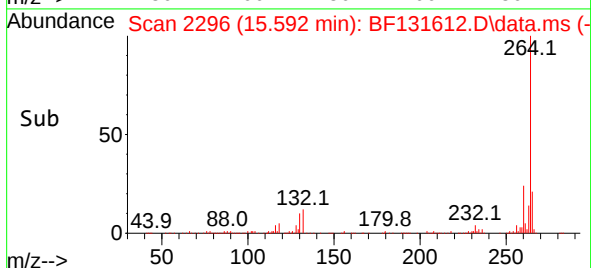
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

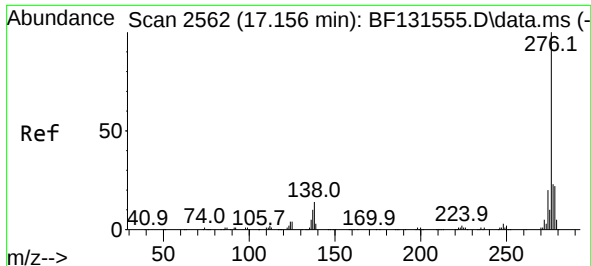


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:264 Resp: 146631
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 21.5 16.8 25.2





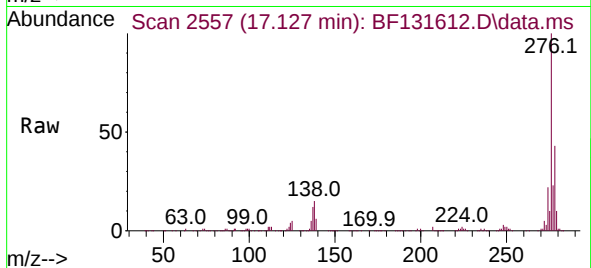
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.407 ng
RT: 17.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB149584BS

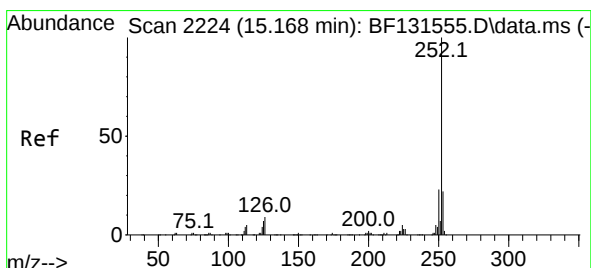
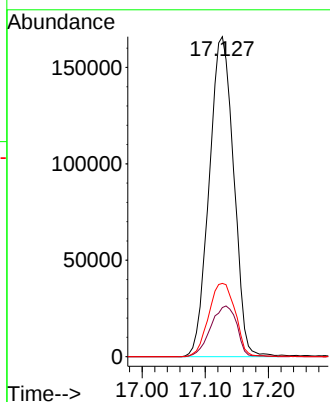
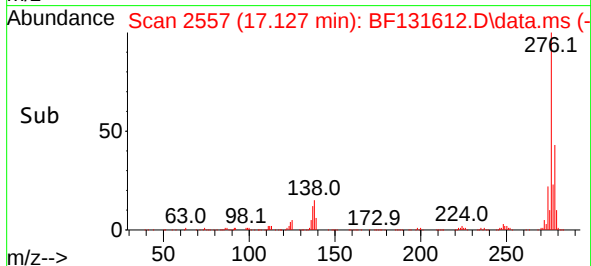


Tgt Ion:276 Resp: 447640
Ion Ratio Lower Upper
276 100
138 17.0 12.7 19.1
277 24.8 20.0 30.0

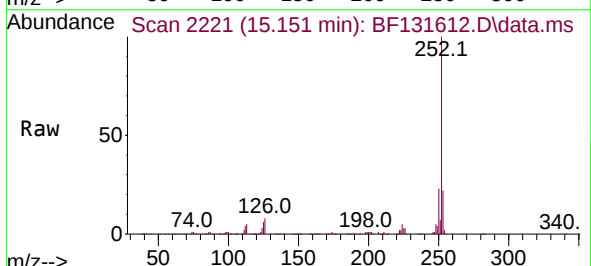
Manual Integrations

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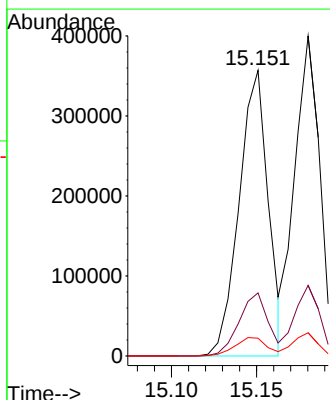
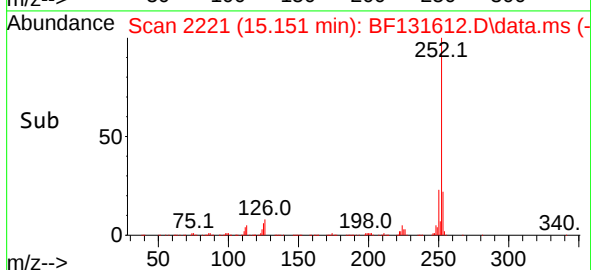
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

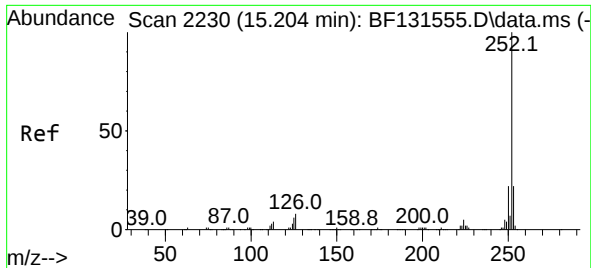


#88
Benzo(b)fluoranthene
Concen: 43.903 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49



Tgt Ion:252 Resp: 424287
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.2 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.260 ng

RT: 15.180 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

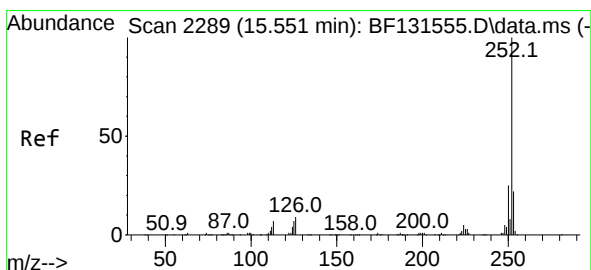
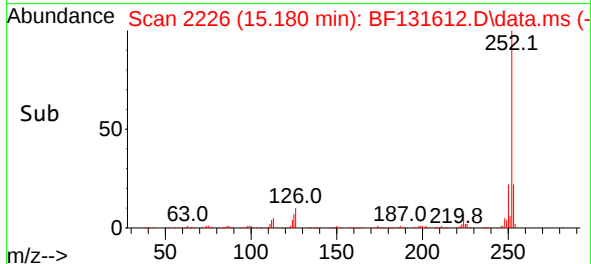
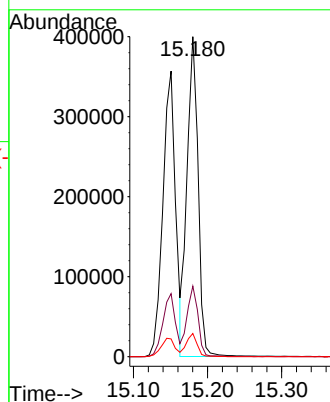
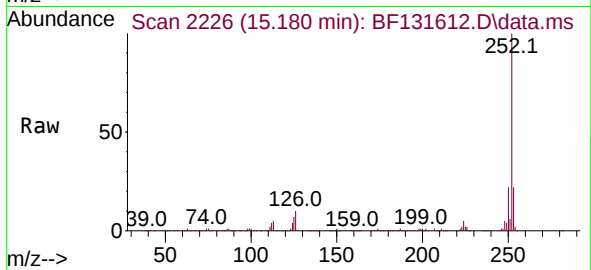
PB149584BS

Tgt Ion:252 Resp: 416193
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 7.2 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#90

Benzo(a)pyrene

Concen: 44.922 ng

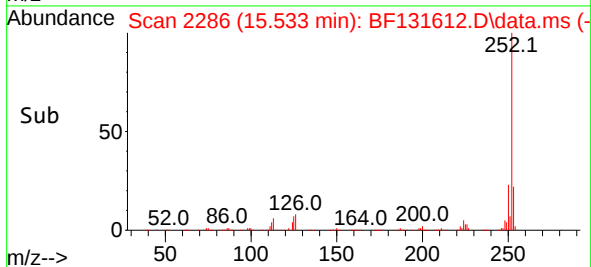
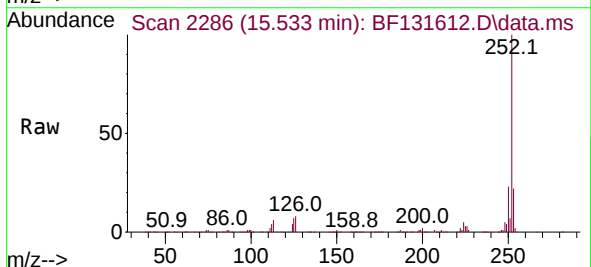
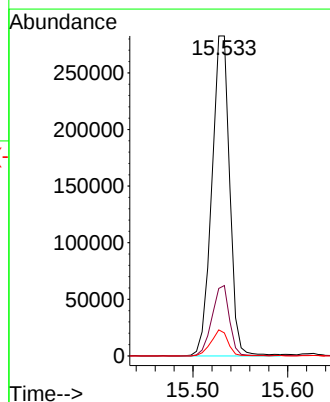
RT: 15.533 min Scan# 2286

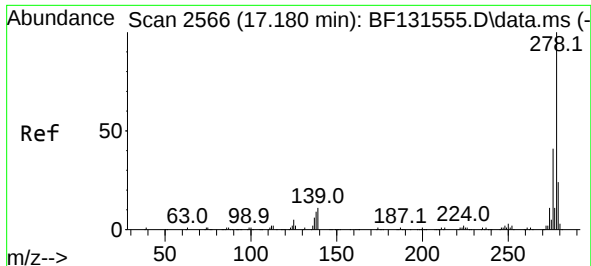
Delta R.T. 0.006 min

Lab File: BF131612.D

Acq: 13 Dec 2022 14:49

Tgt Ion:252 Resp: 370494
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 7.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 38.843 ng
RT: 17.145 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Instrument :

BNA_F

ClientSampleId :

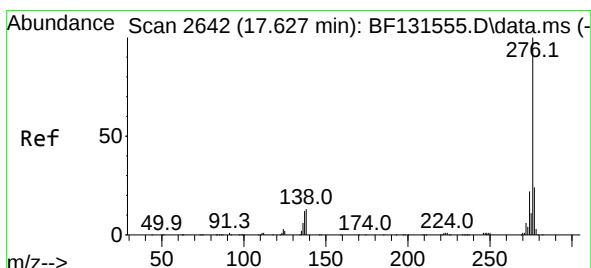
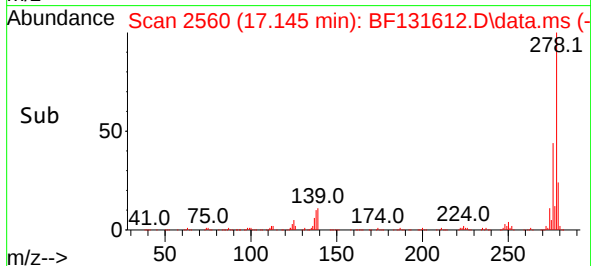
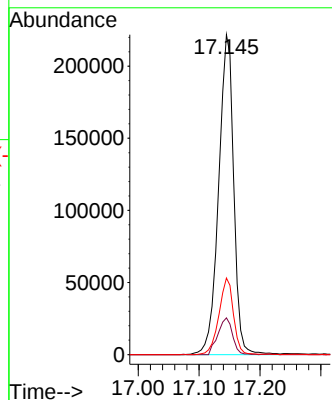
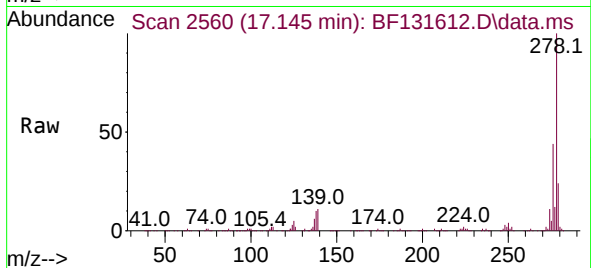
PB149584BS

Tgt Ion:278 Resp: 38255
Ion Ratio Lower Upper
278 100
139 11.5 8.9 13.3
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 38.010 ng
RT: 17.598 min Scan# 2637
Delta R.T. 0.006 min
Lab File: BF131612.D
Acq: 13 Dec 2022 14:49

Tgt Ion:276 Resp: 376238
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 14.4 10.7 16.1

