

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135526.D
 Acq On : 02 Oct 2023 14:25
 Operator : CG\JU
 Sample : PB155966BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155966BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 02:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	154489	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	583388	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	285341	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	536687	20.000	ng	0.00
76) Chrysene-d12	13.933	240	275378	20.000	ng	0.00
86) Perylene-d12	15.398	264	292831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1135462	119.540	ng	0.00
7) Phenol-d6	6.398	99	1403244	116.182	ng	0.00
23) Nitrobenzene-d5	7.310	82	900853	83.894	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	296205	104.459	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1433131	75.776	ng	0.00
79) Terphenyl-d14	12.869	244	1453429	81.818	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	180764	43.411	ng	94
3) Pyridine	3.281	79	470153	41.952	ng	95
4) n-Nitrosodimethylamine	3.240	42	285951	48.083	ng	91
6) Aniline	6.410	93	450335	28.433	ng	# 21
8) 2-Chlorophenol	6.534	128	466812	46.038	ng	99
9) Benzaldehyde	6.298	77	105233	15.294	ng	94
10) Phenol	6.410	94	552590	41.724	ng	79
11) bis(2-Chloroethyl)ether	6.487	93	451157	45.413	ng	99
12) 1,3-Dichlorobenzene	6.681	146	454222	44.078	ng	99
13) 1,4-Dichlorobenzene	6.757	146	465012	44.353	ng	98
14) 1,2-Dichlorobenzene	6.910	146	428992	44.061	ng	98
15) Benzyl Alcohol	6.898	79	385618	44.493	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.022	45	813056	43.420	ng	82
17) 2-Methylphenol	7.010	107	362934	40.561	ng	96
18) Hexachloroethane	7.245	117	173463	44.778	ng	90
19) n-Nitroso-di-n-propyla...	7.163	70	294740	39.398	ng	97
20) 3+4-Methylphenols	7.169	107	448192	41.655	ng	# 67
22) Acetophenone	7.157	105	593693	44.512	ng	93
24) Nitrobenzene	7.328	77	491702	46.329	ng	98
25) Isophorone	7.569	82	881506	44.706	ng	97
26) 2-Nitrophenol	7.645	139	241850	47.479	ng	98
27) 2,4-Dimethylphenol	7.686	122	357773	41.785	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	544857	46.168	ng	99
29) 2,4-Dichlorophenol	7.892	162	356583	44.945	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	368981	44.495	ng	99
31) Naphthalene	8.045	128	1246209	43.966	ng	99
32) Benzoic acid	7.834	122	279703	43.382	ng	94
33) 4-Chloroaniline	8.104	127	302967	24.362	ng	98
34) Hexachlorobutadiene	8.157	225	206369	41.271	ng	98
35) Caprolactam	8.481	113	133338m	50.076	ng	
36) 4-Chloro-3-methylphenol	8.598	107	392542	44.517	ng	99
37) 2-Methylnaphthalene	8.739	142	775716	40.713	ng	98
38) 1-Methylnaphthalene	8.833	142	748423	41.955	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	357396	43.234	ng	99
41) Hexachlorocyclopentadiene	8.886	237	159832	47.214	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	236763	43.744	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135526.D
 Acq On : 02 Oct 2023 14:25
 Operator : CG\JU
 Sample : PB155966BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155966BS

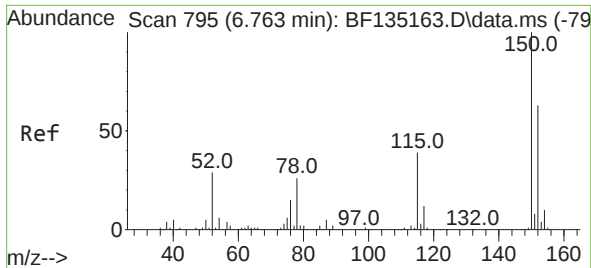
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 02:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

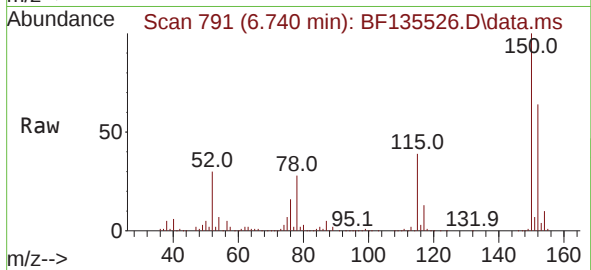
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	252145	40.453	ng	98
46) 1,1'-Biphenyl	9.204	154	954486	43.528	ng	98
47) 2-Chloronaphthalene	9.228	162	722254	45.396	ng	98
48) 2-Nitroaniline	9.333	65	296386	47.951	ng	94
49) Acenaphthylene	9.645	152	1168916	44.208	ng	99
50) Dimethylphthalate	9.510	163	831543	43.103	ng	99
51) 2,6-Dinitrotoluene	9.581	165	187206	44.296	ng	90
52) Acenaphthene	9.816	154	679719	43.516	ng	98
53) 3-Nitroaniline	9.751	138	170873	34.444	ng	96
54) 2,4-Dinitrophenol	9.869	184	172987	72.719	ng	93
55) Dibenzofuran	9.992	168	964443	40.462	ng	100
56) 4-Nitrophenol	9.933	139	237051	75.185	ng	96
57) 2,4-Dinitrotoluene	9.992	165	219449	41.477	ng	89
58) Fluorene	10.333	166	786051	42.897	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	208967	43.583	ng	96
60) Diethylphthalate	10.210	149	825193	42.621	ng	98
61) 4-Chlorophenyl-phenyle...	10.328	204	358683	40.749	ng	92
62) 4-Nitroaniline	10.375	138	229271m	48.079	ng	
63) Azobenzene	10.486	77	876839	46.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.404	198	124280	43.599	ng	96
66) n-Nitrosodiphenylamine	10.451	169	726473	44.711	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	222825	41.745	ng	95
68) Hexachlorobenzene	10.880	284	241306	44.375	ng	# 86
69) Atrazine	10.986	200	219476	50.202	ng	96
70) Pentachlorophenol	11.086	266	203847	62.654	ng	99
71) Phenanthrene	11.304	178	1150209	45.314	ng	99
72) Anthracene	11.351	178	1173319	44.970	ng	100
73) Carbazole	11.516	167	1134292	47.757	ng	99
74) Di-n-butylphthalate	11.839	149	1298688	46.403	ng	99
75) Fluoranthene	12.492	202	1213847	45.894	ng	97
77) Benzidine	12.621	184	421245	74.667	ng	99
78) Pyrene	12.727	202	1237094	47.185	ng	99
80) Butylbenzylphthalate	13.345	149	476663	51.637	ng	93
81) Benzo(a)anthracene	13.921	228	834178	46.912	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	195265	35.156	ng	# 99
83) Chrysene	13.963	228	803764	45.464	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	556987	58.800	ng	99
85) Di-n-octyl phthalate	14.527	149	829514	55.103	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	842238	43.867	ng	96
88) Benzo(b)fluoranthene	14.974	252	732522	46.210	ng	98
89) Benzo(k)fluoranthene	14.974	252	732522	46.780	ng	98
90) Benzo(a)pyrene	15.333	252	657509	43.495	ng	98
91) Dibenzo(a,h)anthracene	16.892	278	671824	42.765	ng	98
92) Benzo(g,h,i)perylene	17.327	276	705032	42.972	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 74
Delta R.T. -0.011 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

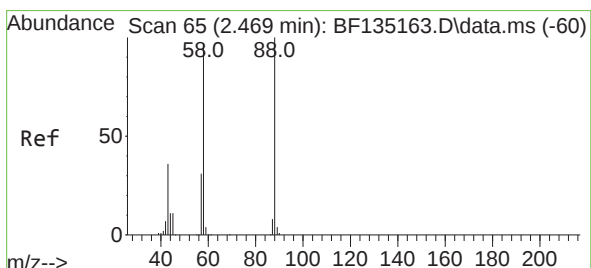
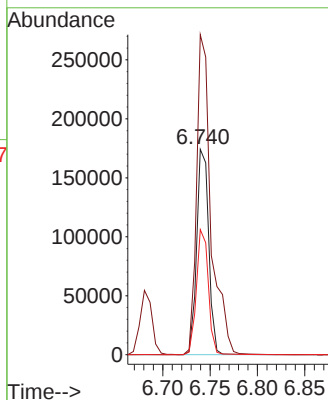
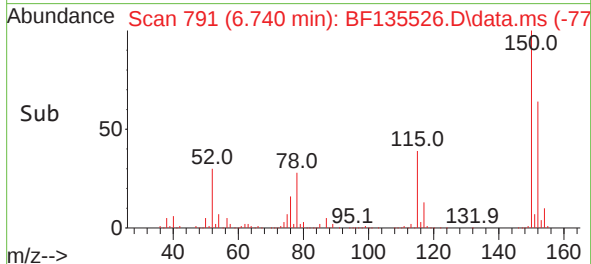
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion:152 Resp: 154489
Ion Ratio Lower Upper
152 100
150 155.7 127.8 191.6
115 60.9 49.8 74.8

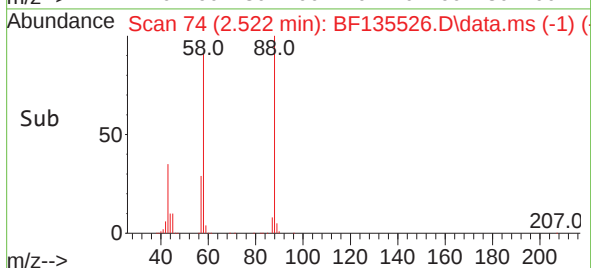
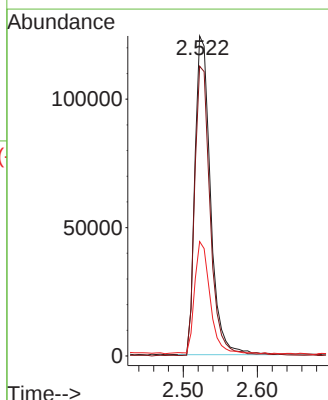
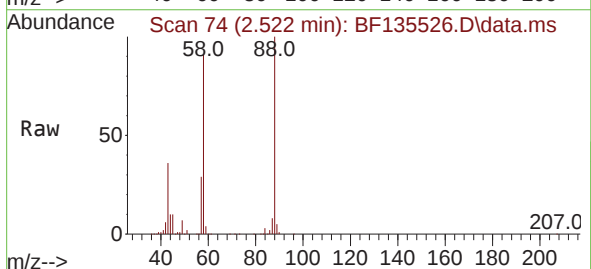
Manual Integrations
APPROVED

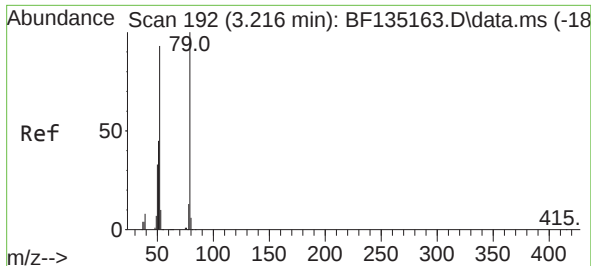
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#2
1,4-Dioxane
Concen: 43.411 ng
RT: 2.522 min Scan# 74
Delta R.T. 0.076 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion: 88 Resp: 180764
Ion Ratio Lower Upper
88 100
58 90.6 78.3 117.5
43 35.2 29.4 44.0





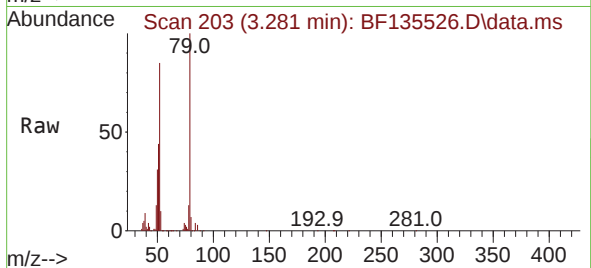
#3
Pyridine
Concen: 41.952 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

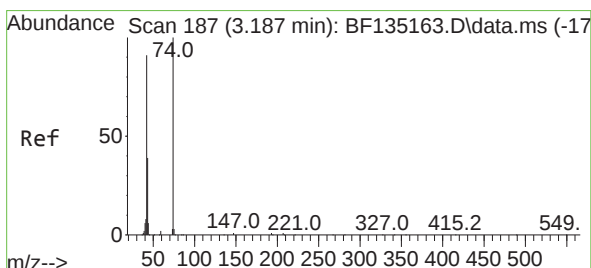
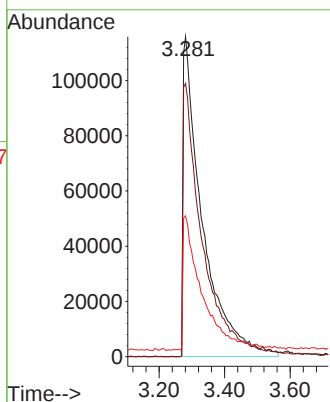
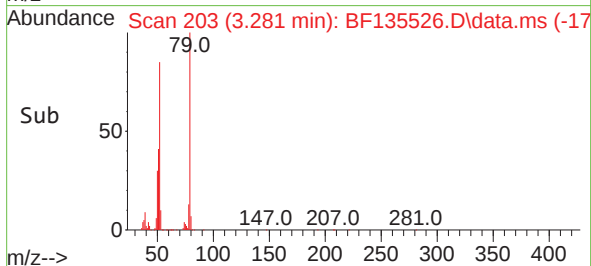
PB155966BS



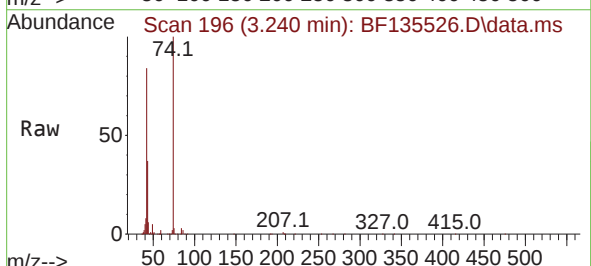
Tgt Ion: 79 Resp: 47015
Ion Ratio Lower Upper
79 100
52 85.4 74.1 111.1
51 44.0 35.8 53.8

Manual Integrations
APPROVED

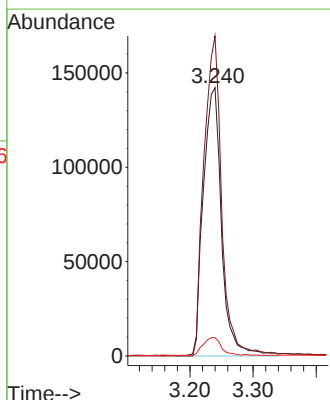
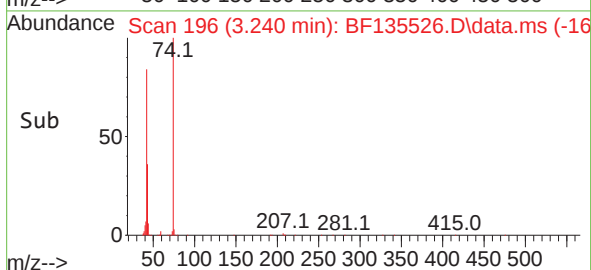
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

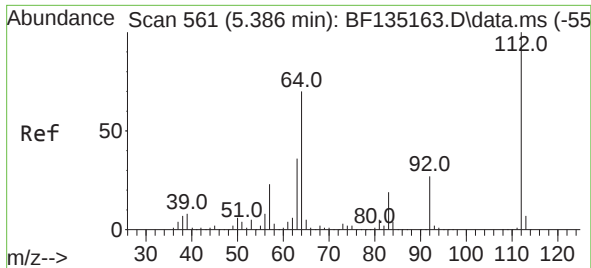


#4
n-Nitrosodimethylamine
Concen: 48.083 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.071 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion: 42 Resp: 285951
Ion Ratio Lower Upper
42 100
74 119.3 87.7 131.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 119.540 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

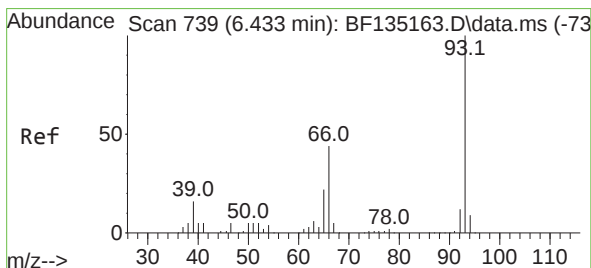
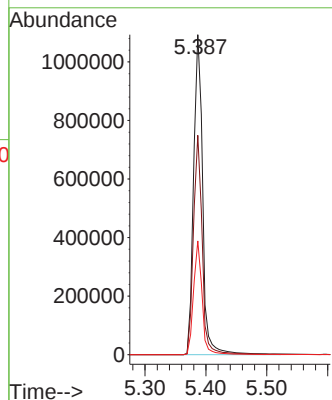
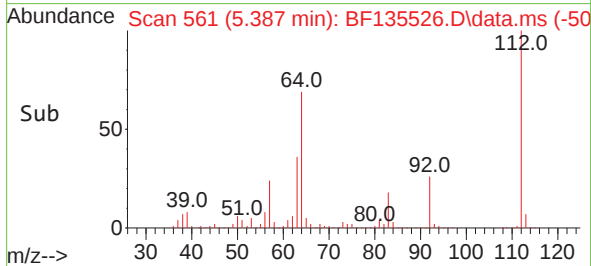
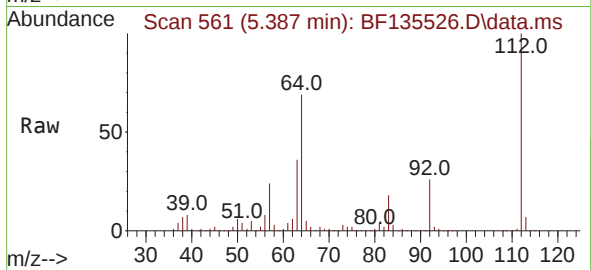
PB155966BS

Tgt Ion:112 Resp: 113546
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 35.5 29.0 43.6

Manual Integrations

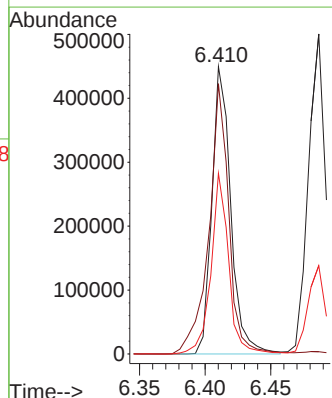
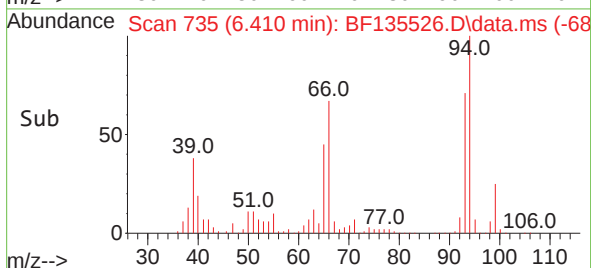
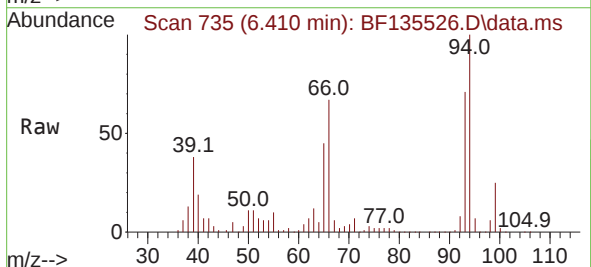
APPROVED

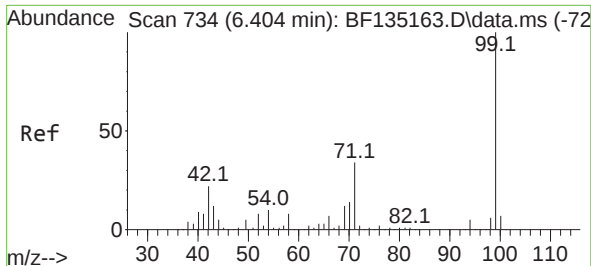
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#6
Aniline
Concen: 28.433 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

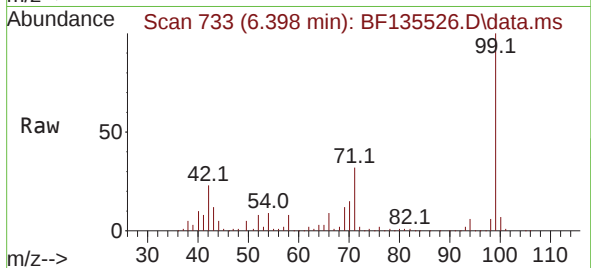
Tgt Ion: 93 Resp: 450335
Ion Ratio Lower Upper
93 100
66 94.1 35.4 53.0#
65 62.9 17.8 26.8#





#7
Phenol-d6
Concen: 116.182 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

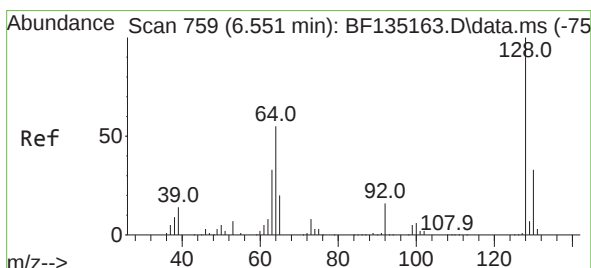
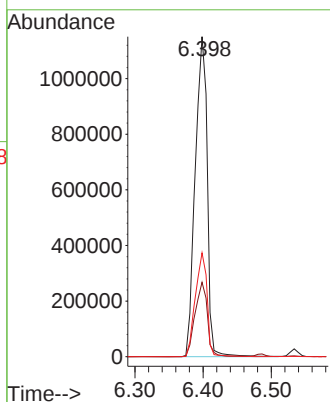
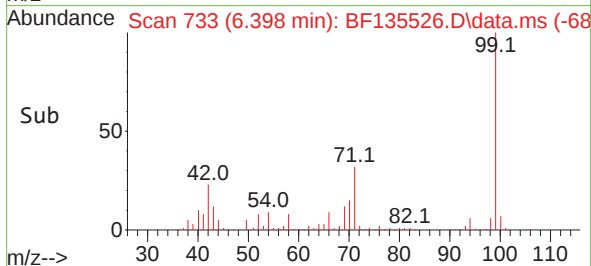
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion: 99 Resp: 140324
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 32.5 27.0 40.6

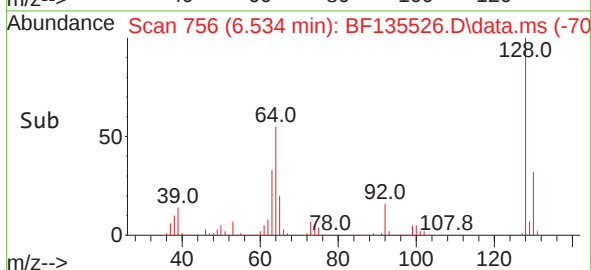
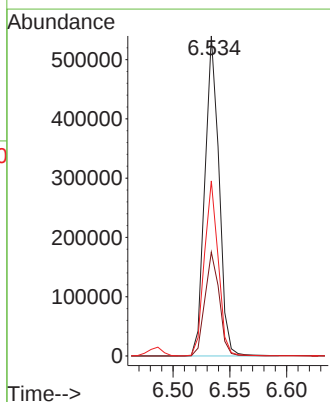
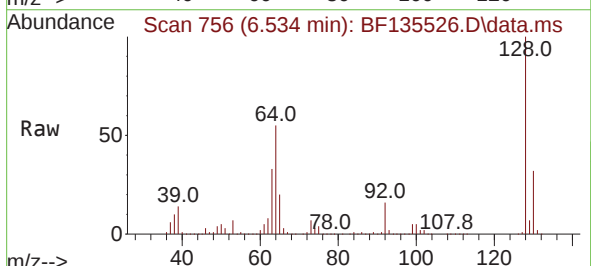
Manual Integrations
APPROVED

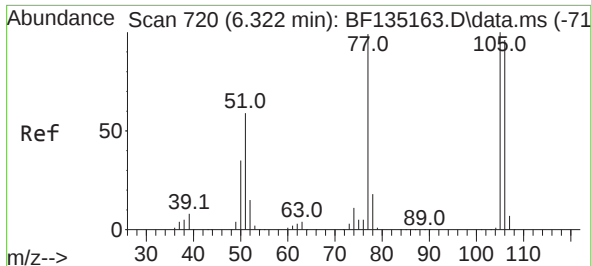
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#8
2-Chlorophenol
Concen: 46.038 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

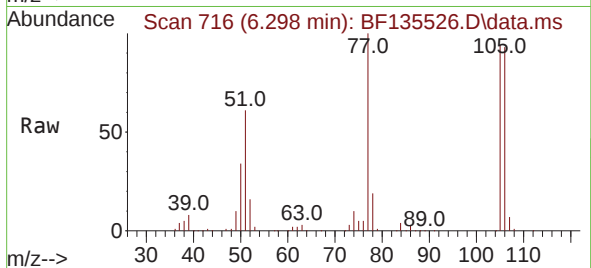
Tgt Ion:128 Resp: 466812
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 54.7 35.9 75.9





#9
Benzaldehyde
Concen: 15.294 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

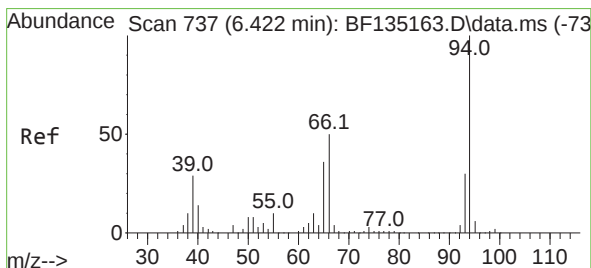
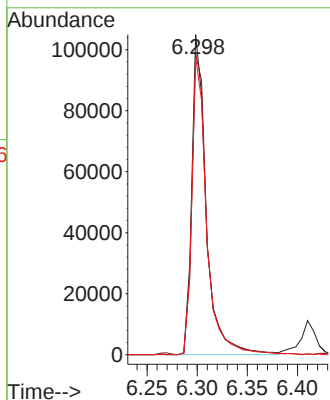
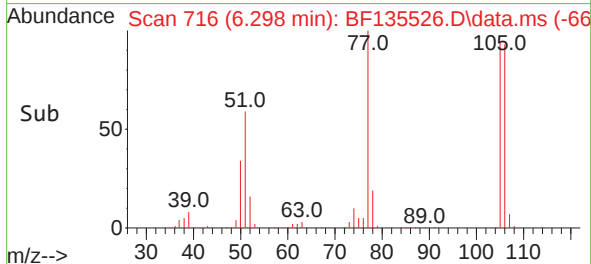
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion: 77 Resp: 10523
Ion Ratio Lower Upper
77 100
105 94.1 81.4 121.4
106 93.0 76.9 116.9

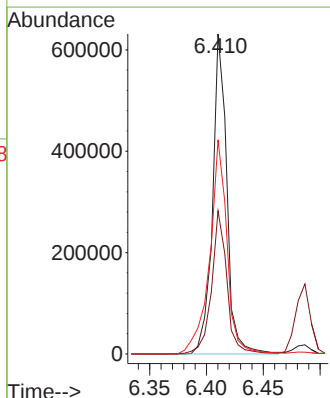
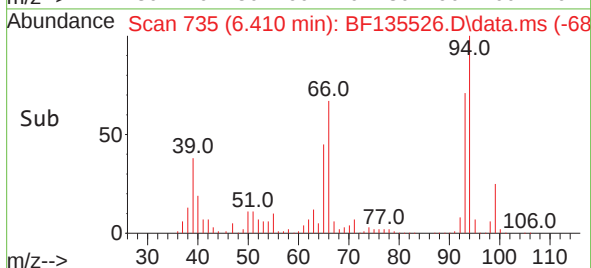
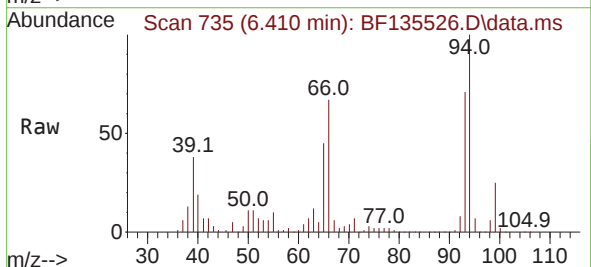
Manual Integrations
APPROVED

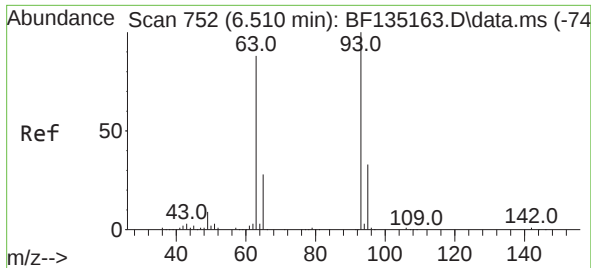
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#10
Phenol
Concen: 41.724 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion: 94 Resp: 552590
Ion Ratio Lower Upper
94 100
65 44.8 15.9 55.9
66 67.0 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.413 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

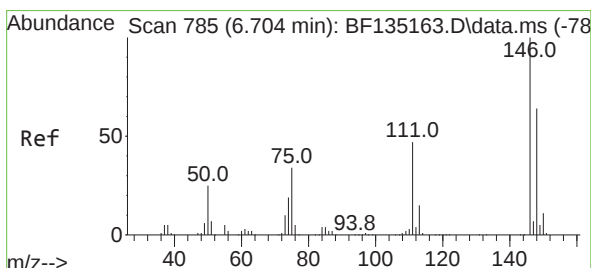
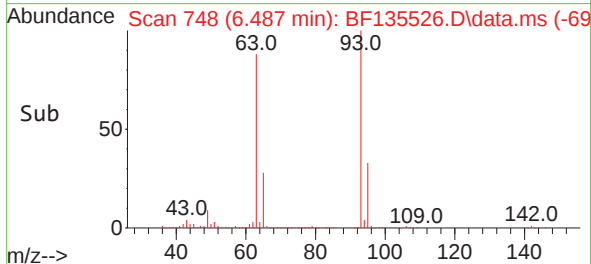
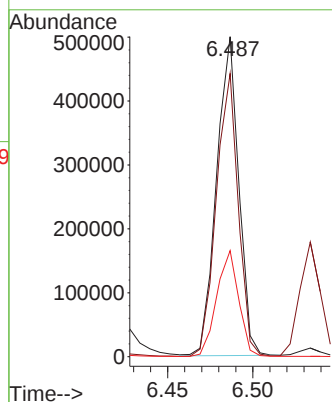
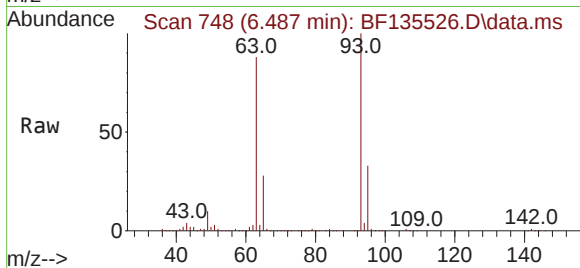
ClientSampleId :

PB155966BS

Tgt Ion: 93 Resp: 45115
Ion Ratio Lower Upper
93 100
63 88.5 67.3 107.3
95 33.1 12.7 52.7

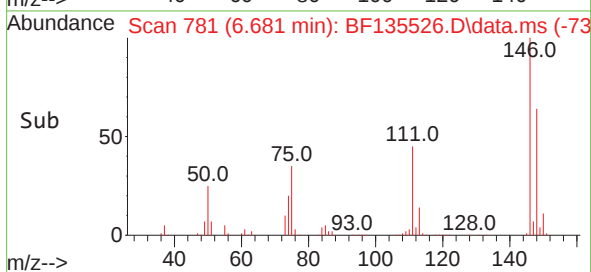
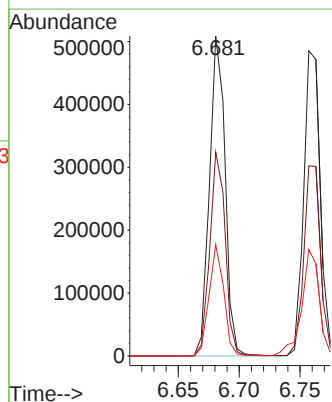
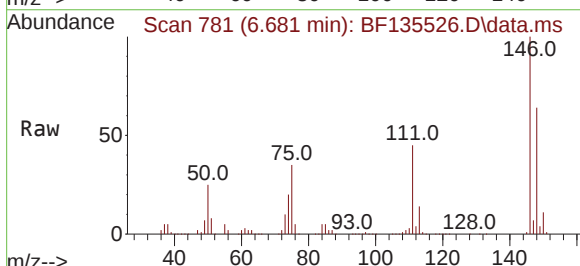
Manual Integrations
APPROVED

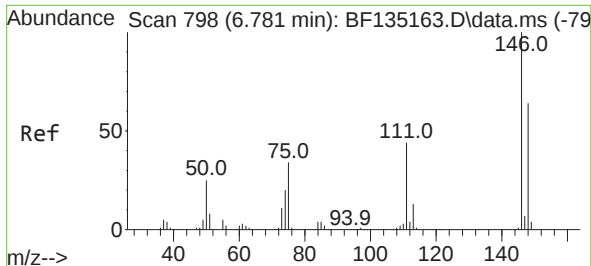
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#12
1,3-Dichlorobenzene
Concen: 44.078 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:146 Resp: 454222
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
75 34.8 27.4 41.2





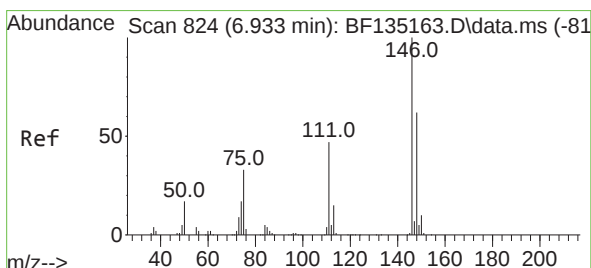
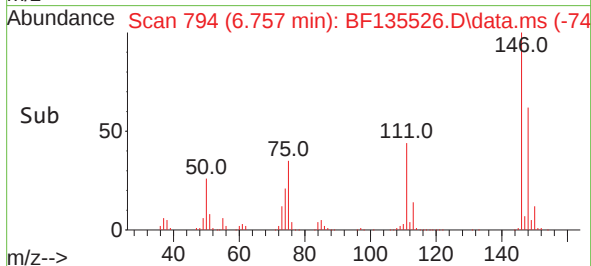
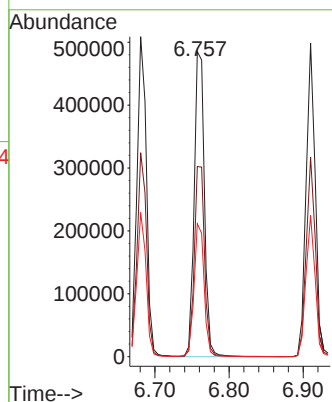
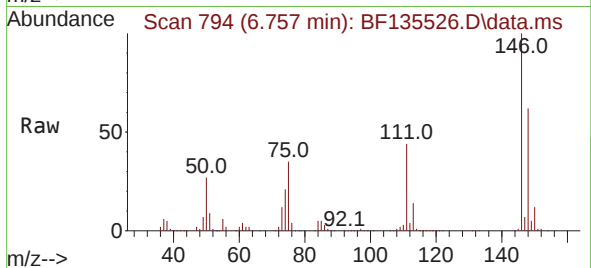
#13
1,4-Dichlorobenzene
Concen: 44.353 ng
RT: 6.757 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :
BNA_F
ClientSampleId :
PB155966BS

Tgt Ion:146 Resp: 465012
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
111 43.6 35.1 52.7

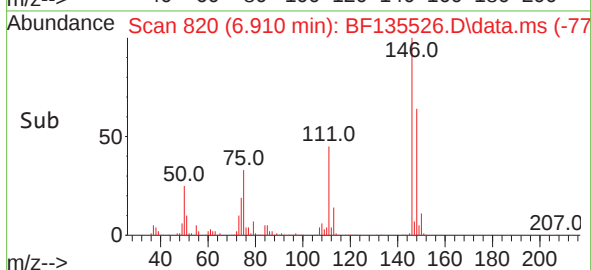
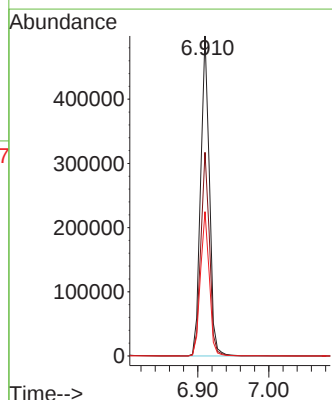
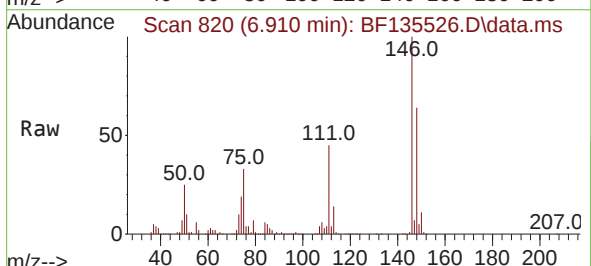
Manual Integrations
APPROVED

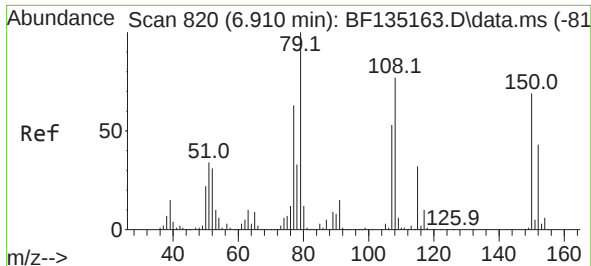
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#14
1,2-Dichlorobenzene
Concen: 44.061 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

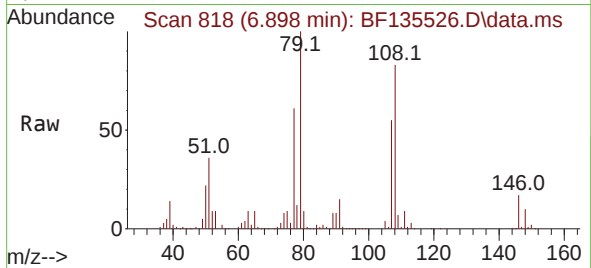
Tgt Ion:146 Resp: 428992
Ion Ratio Lower Upper
146 100
148 63.6 49.7 74.5
111 45.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 44.493 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

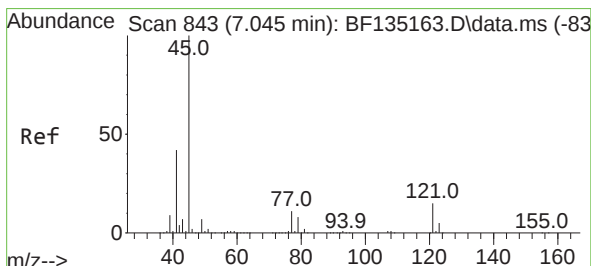
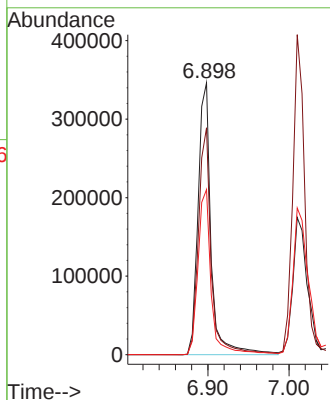
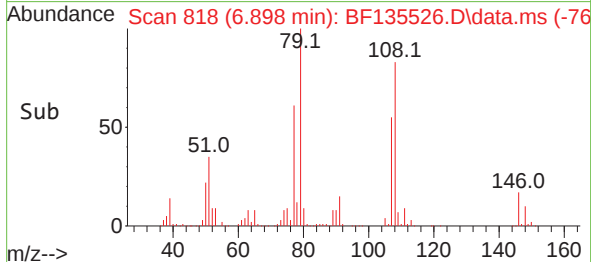
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion: 79 Resp: 385618
Ion Ratio Lower Upper
79 100
108 83.5 61.2 91.8
77 60.8 50.5 75.7

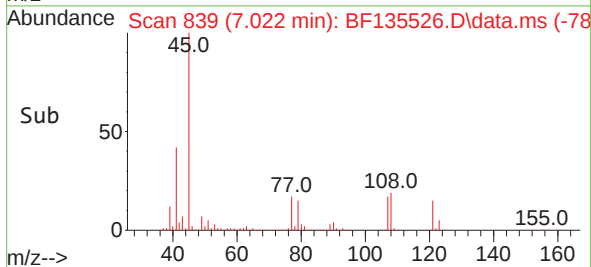
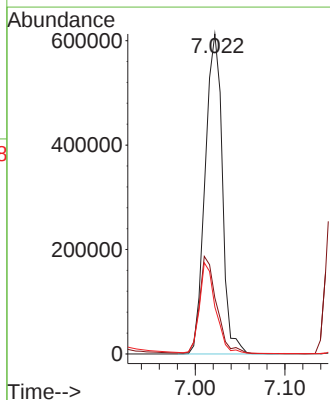
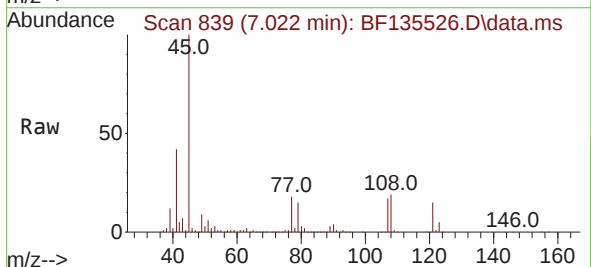
Manual Integrations
APPROVED

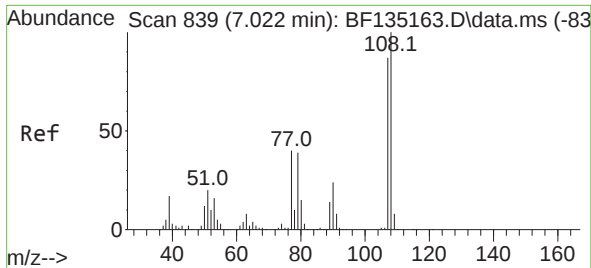
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.420 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

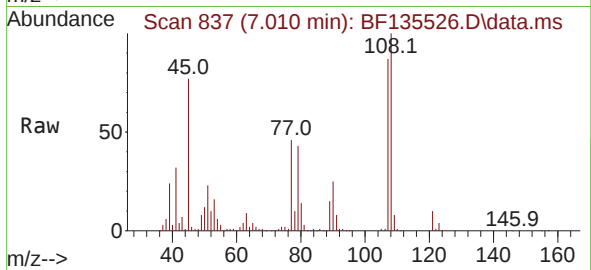
Tgt Ion: 45 Resp: 813056
Ion Ratio Lower Upper
45 100
77 17.5 0.0 30.6
79 14.7 0.0 28.3





#17
2-Methylphenol
Concen: 40.561 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :
BNA_F
ClientSampleId :
PB155966BS

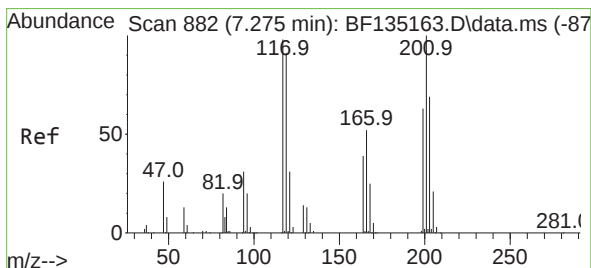
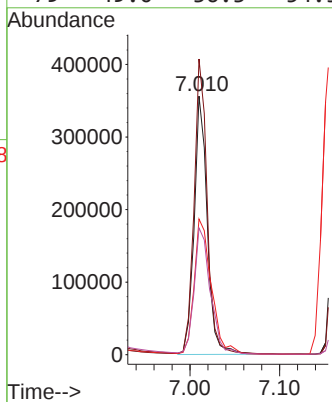
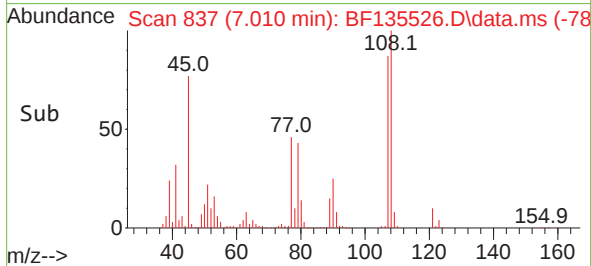


Tgt Ion:107 Resp: 362934

Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.0	138.0
77	52.4	36.7	55.1
79	49.0	36.3	54.5

Manual Integrations
APPROVED

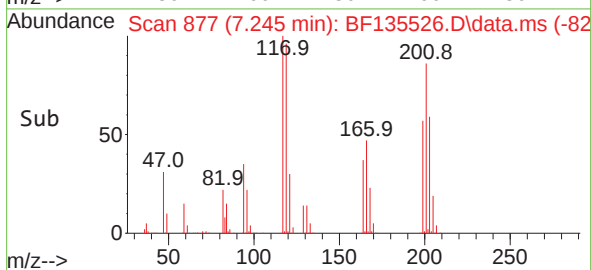
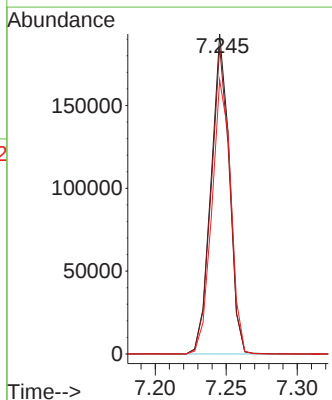
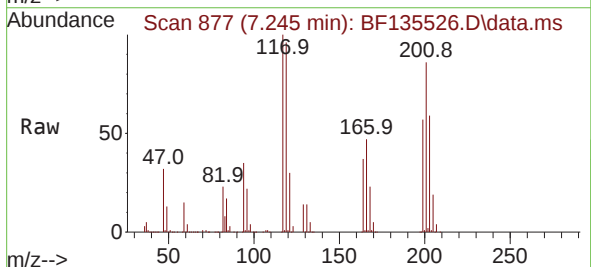
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

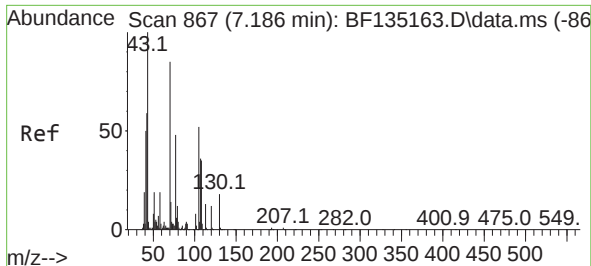


#18
Hexachloroethane
Concen: 44.778 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:117 Resp: 173463

Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.7	112.1
201	85.7	81.8	122.8





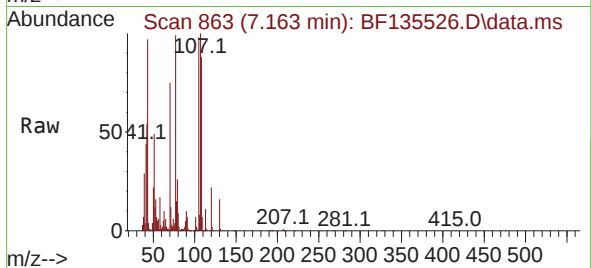
#19
n-Nitroso-di-n-propylamine
Concen: 39.398 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

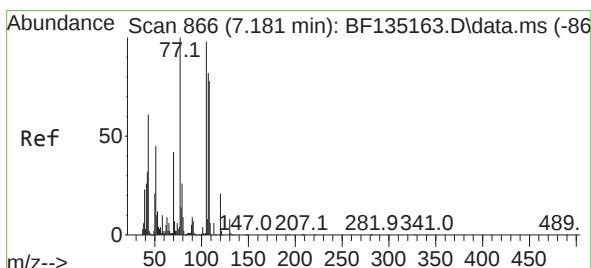
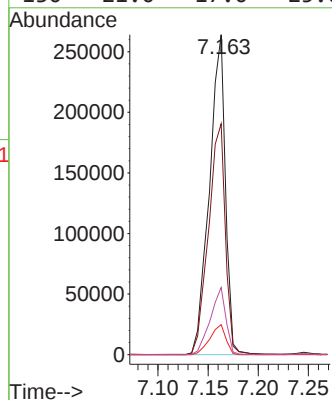
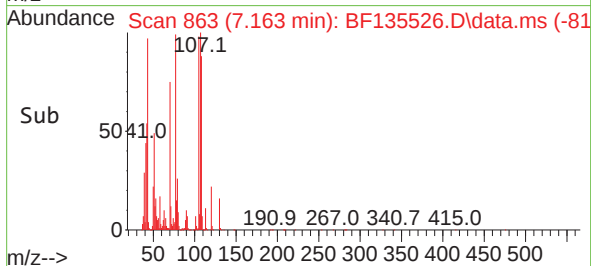


Tgt Ion: 70 Resp: 294740
Ion Ratio Lower Upper
70 100
42 72.2 55.4 83.0
101 9.4 7.7 11.5
130 21.0 17.0 25.6

Manual Integrations

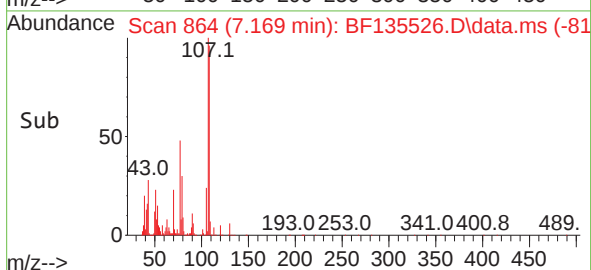
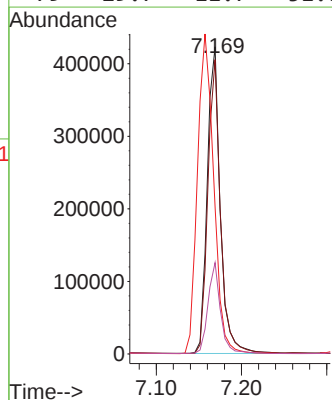
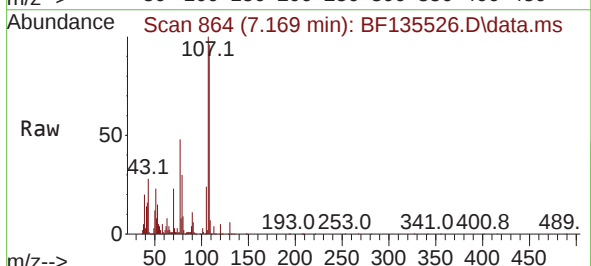
APPROVED

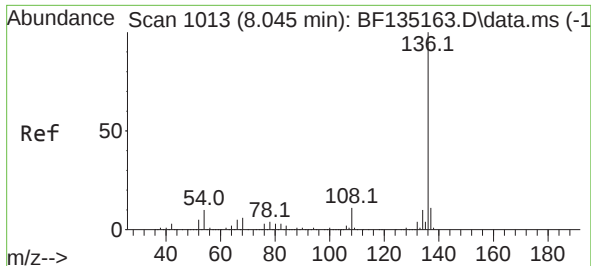
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#20
3+4-Methylphenols
Concen: 41.655 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:107 Resp: 448192
Ion Ratio Lower Upper
107 100
108 95.8 74.7 114.7
77 47.9 102.0 142.0#
79 29.7 11.7 51.7





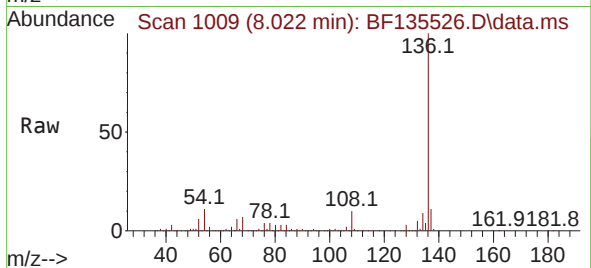
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

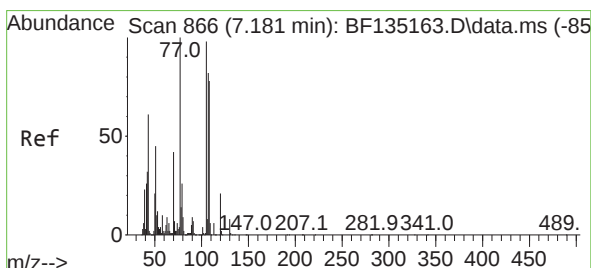
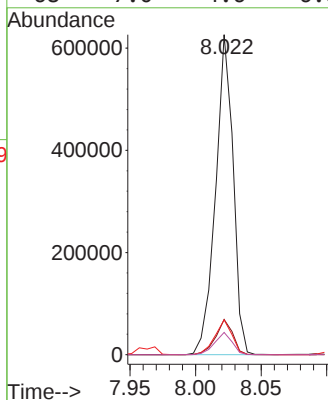
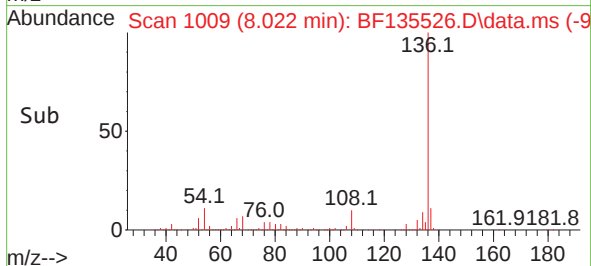


Tgt Ion:136 Resp: 58338
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.9 7.7 11.5
68 7.0 4.6 6.8#

Manual Integrations

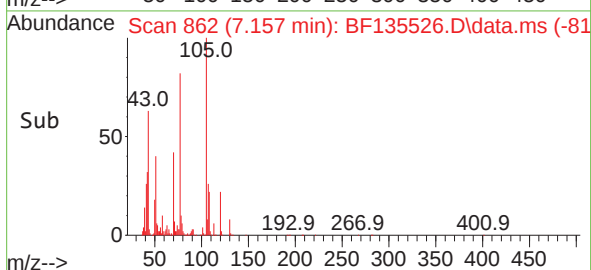
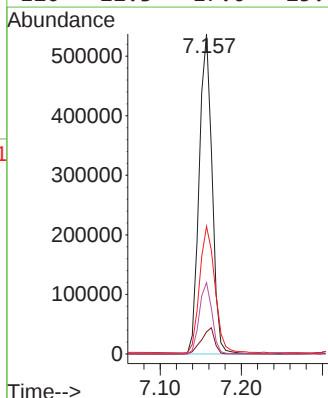
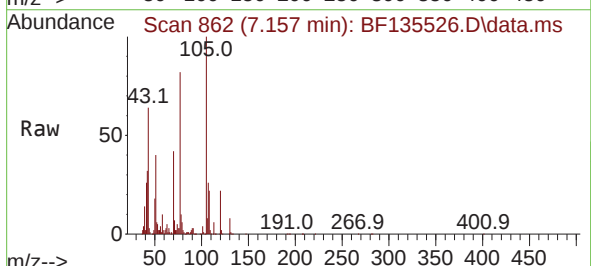
APPROVED

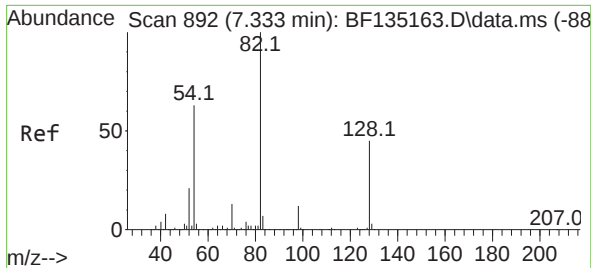
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#22
Acetophenone
Concen: 44.512 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:105 Resp: 593693
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 39.9 37.0 55.4
120 22.3 17.0 25.6





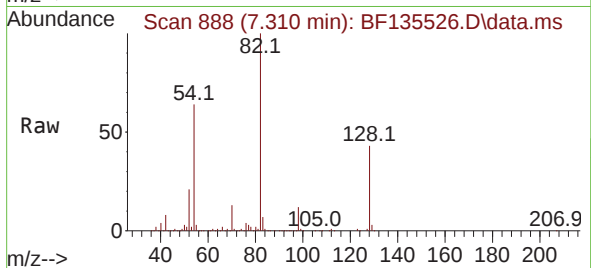
#23
Nitrobenzene-d5
Concen: 83.894 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

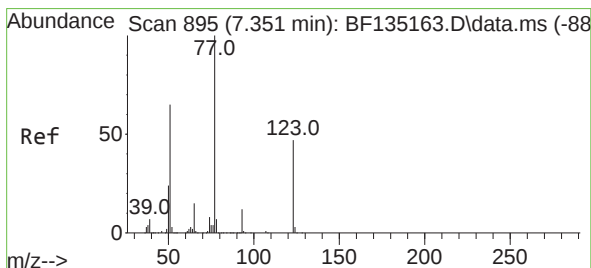
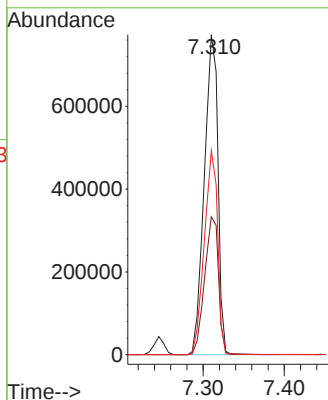
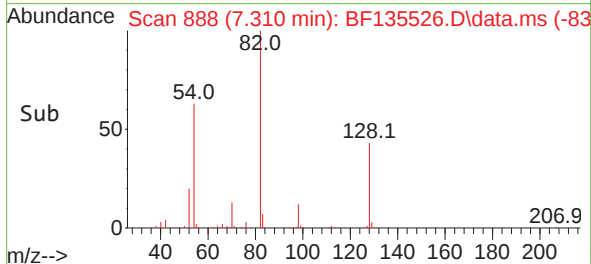
PB155966BS



Tgt Ion: 82 Resp: 90085
Ion Ratio Lower Upper
82 100
128 43.1 35.8 53.6
54 63.7 50.6 76.0

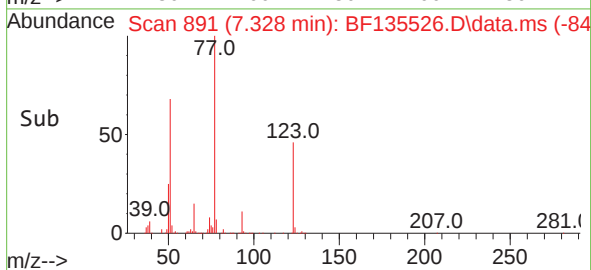
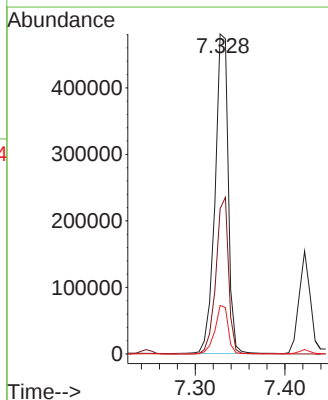
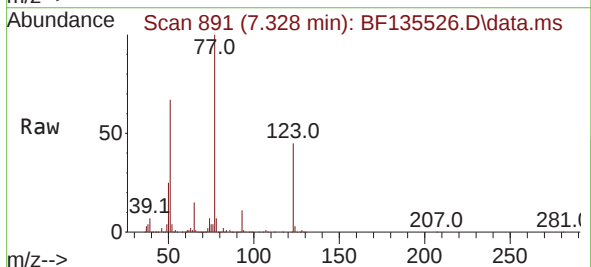
Manual Integrations
APPROVED

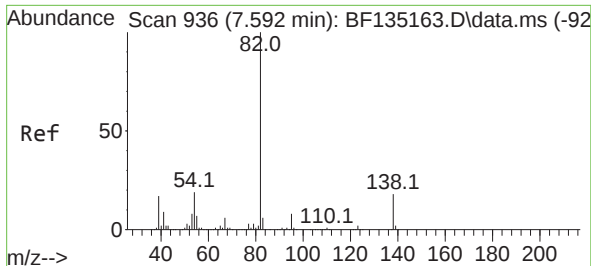
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#24
Nitrobenzene
Concen: 46.329 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

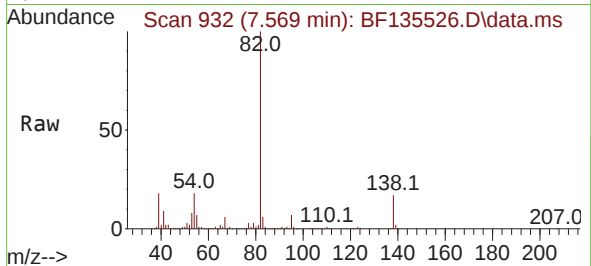
Tgt Ion: 77 Resp: 491702
Ion Ratio Lower Upper
77 100
123 45.4 37.6 56.4
65 15.1 12.2 18.4





#25
Isophorone
Concen: 44.706 ng
RT: 7.569 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

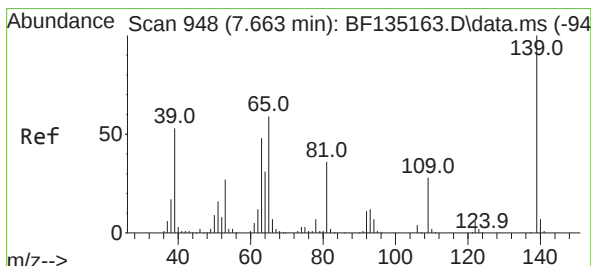
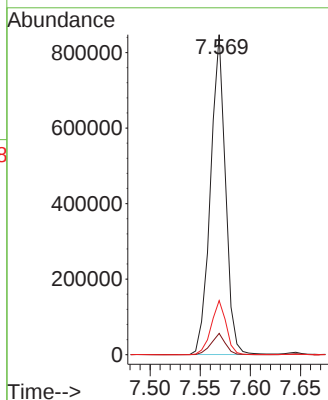
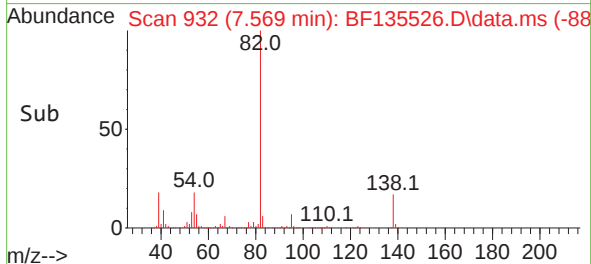
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion: 82 Resp: 881500
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 16.9 14.5 21.7

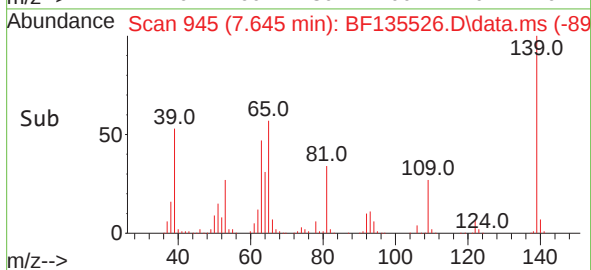
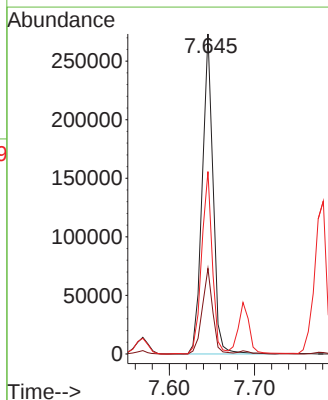
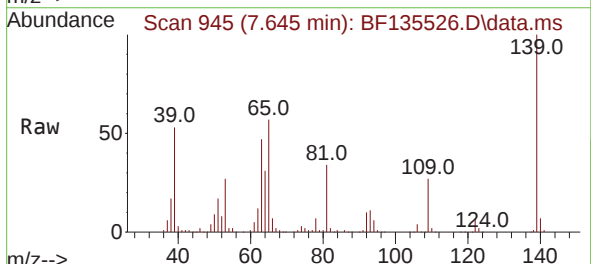
Manual Integrations
APPROVED

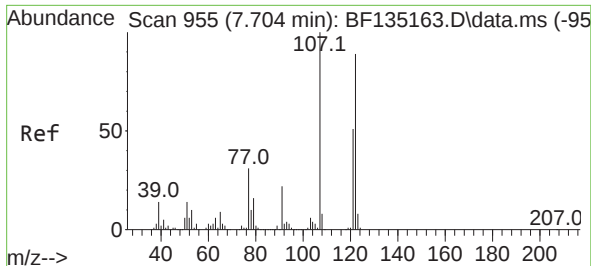
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#26
2-Nitrophenol
Concen: 47.479 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:139 Resp: 241850
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 57.0 47.0 70.4





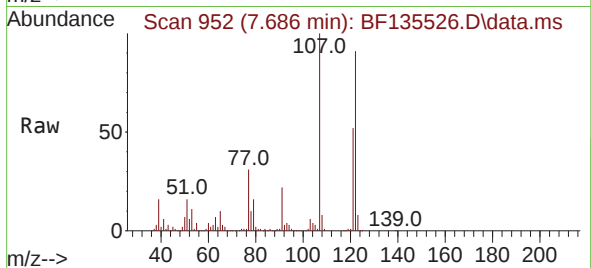
#27
2,4-Dimethylphenol
Concen: 41.785 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

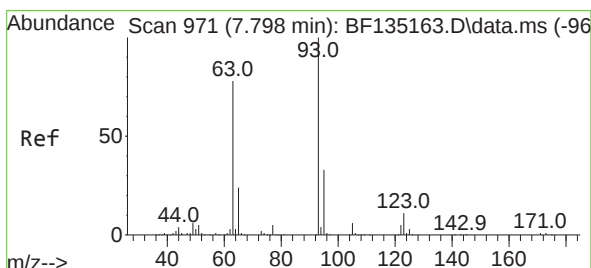
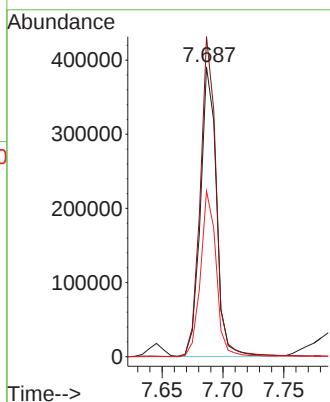
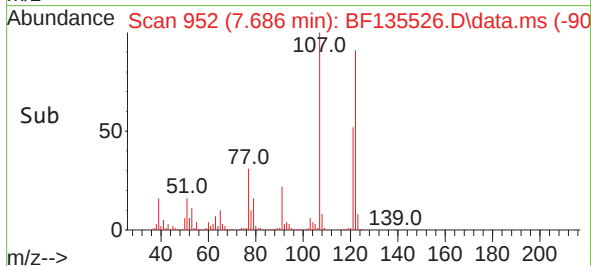


Tgt Ion:122 Resp: 35777
Ion Ratio Lower Upper
122 100
107 110.4 90.2 135.4
121 57.2 46.3 69.5

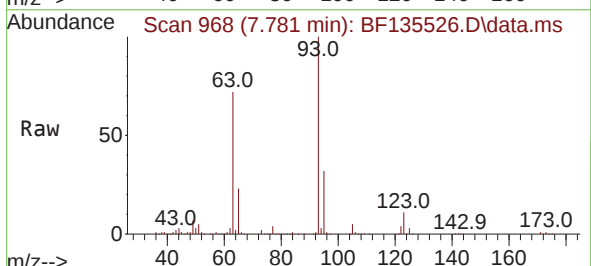
Manual Integrations

APPROVED

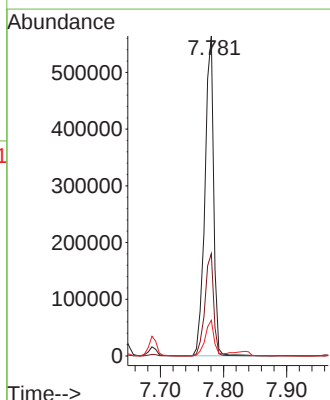
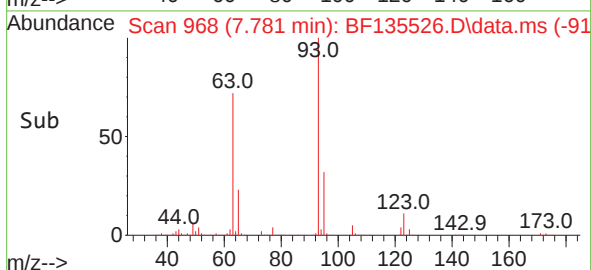
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

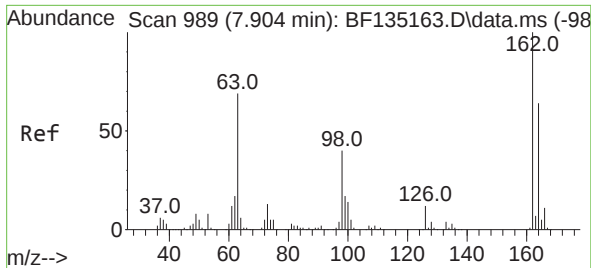


#28
bis(2-Chloroethoxy)methane
Concen: 46.168 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion: 93 Resp: 544857
Ion Ratio Lower Upper
93 100
95 31.9 26.2 39.2
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.945 ng

RT: 7.892 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

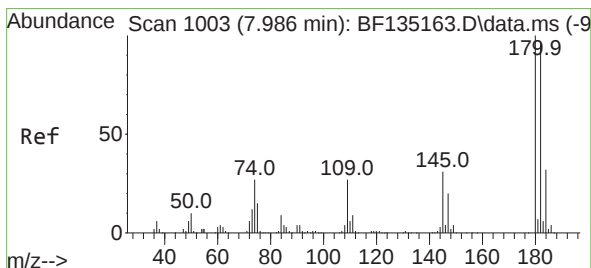
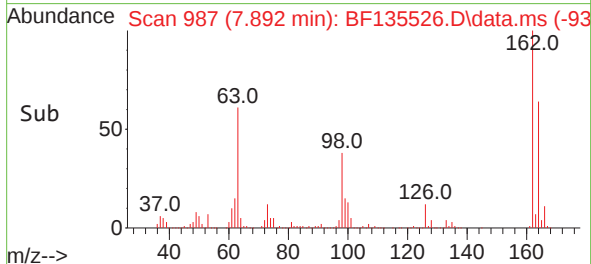
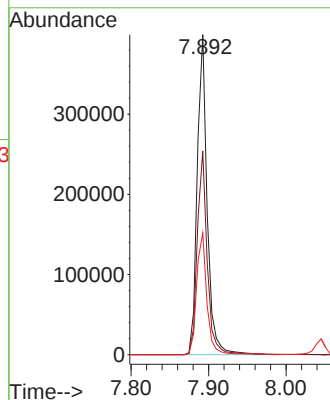
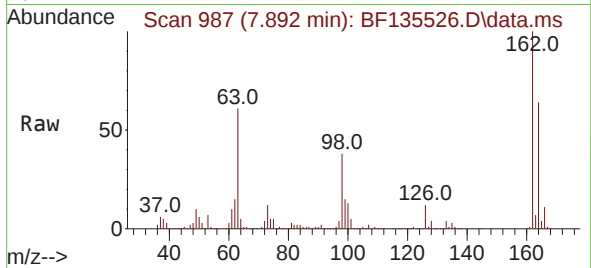
Tgt Ion:	162	Resp:	35658
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.1	84.1
98	38.1	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.495 ng

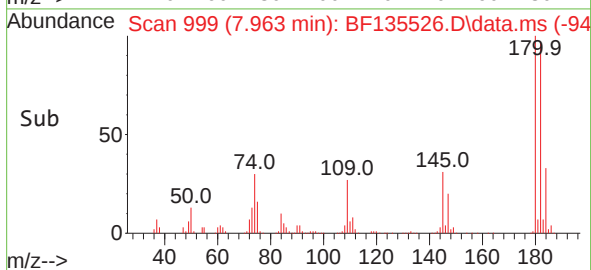
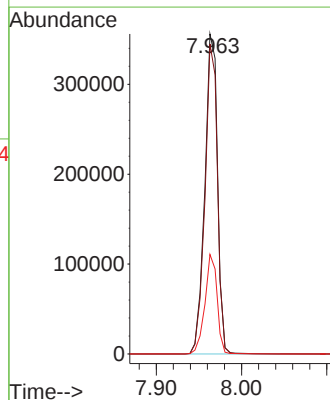
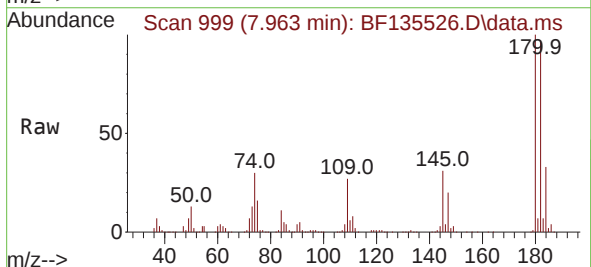
RT: 7.963 min Scan# 999

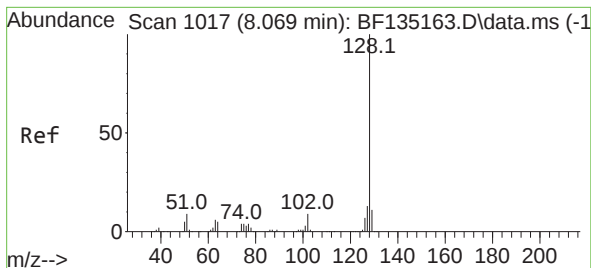
Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:	180	Resp:	368981
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.9	115.3
145	31.1	24.5	36.7





#31

Naphthalene

Concen: 43.966 ng

RT: 8.045 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

Tgt Ion:128 Resp: 1246209

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

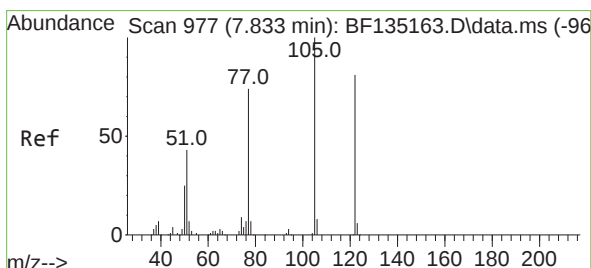
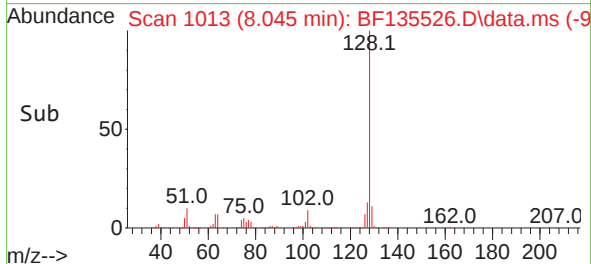
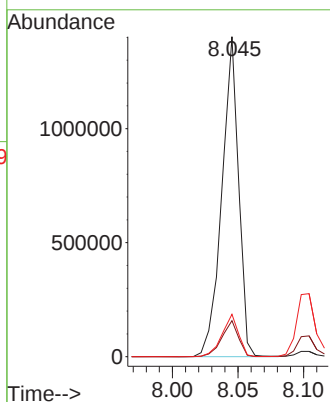
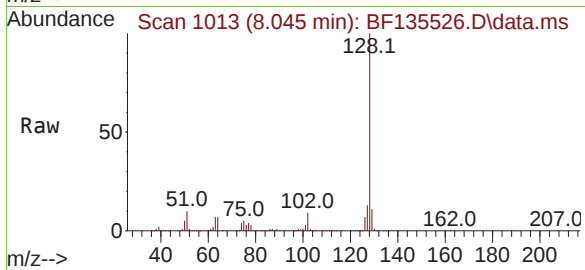
127 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#32

Benzoic acid

Concen: 43.382 ng

RT: 7.834 min Scan# 977

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

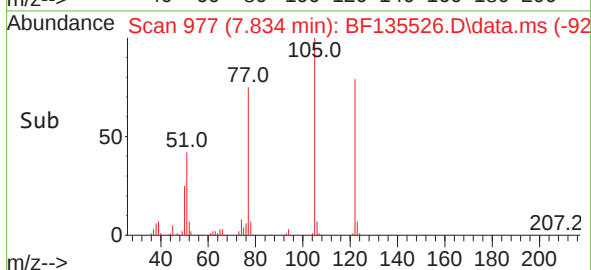
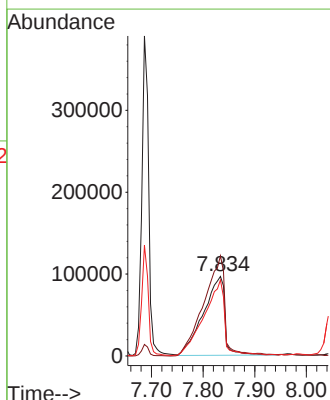
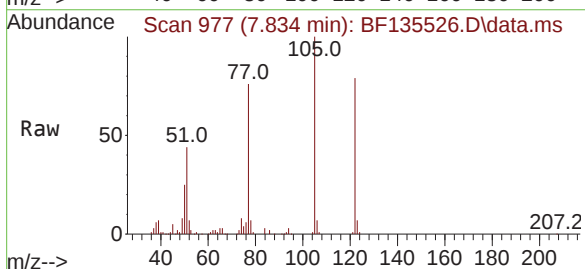
Tgt Ion:122 Resp: 279703

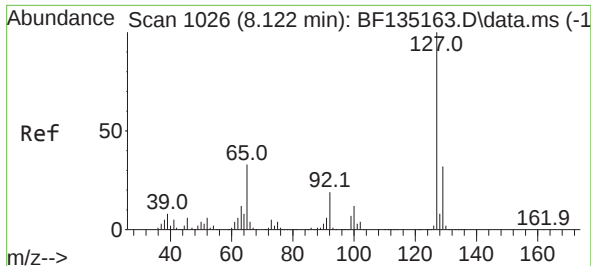
Ion Ratio Lower Upper

122 100

105 125.8 99.9 139.9

77 95.5 70.0 110.0





#33
4-Chloroaniline
Concen: 24.362 ng
RT: 8.104 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

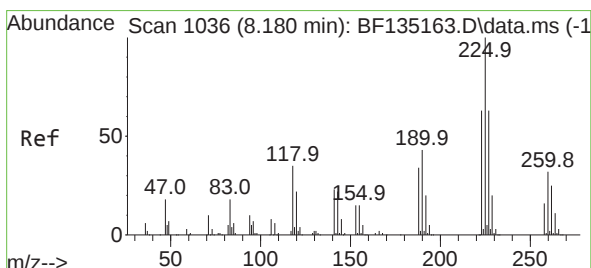
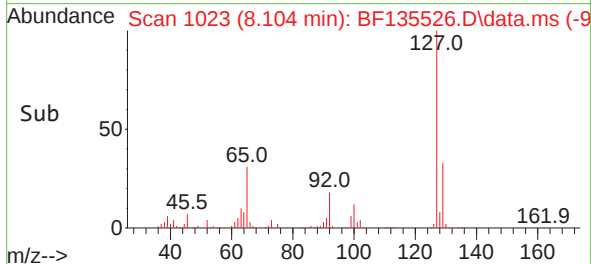
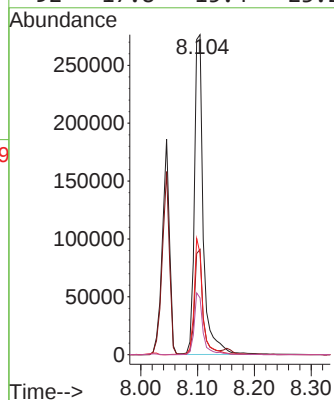
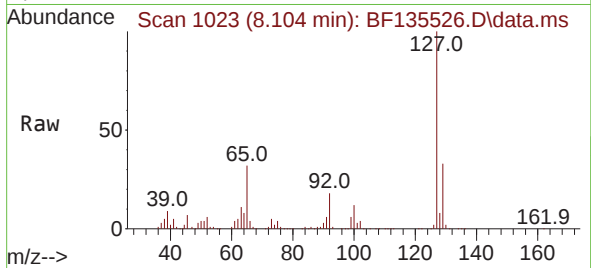
ClientSampleId :

PB155966BS

Tgt Ion:127 Resp: 30296
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 31.7 26.6 39.8
92 17.8 15.4 23.2

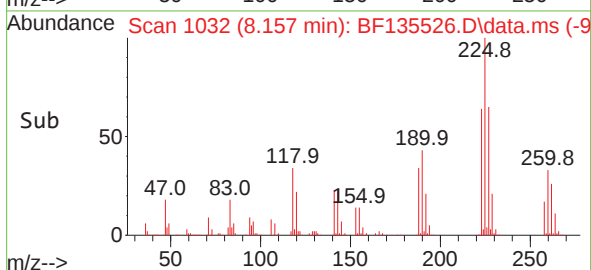
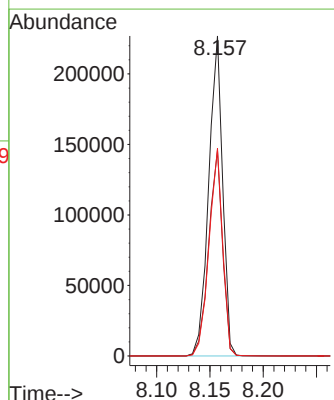
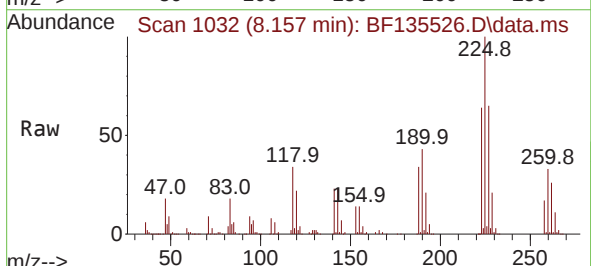
Manual Integrations
APPROVED

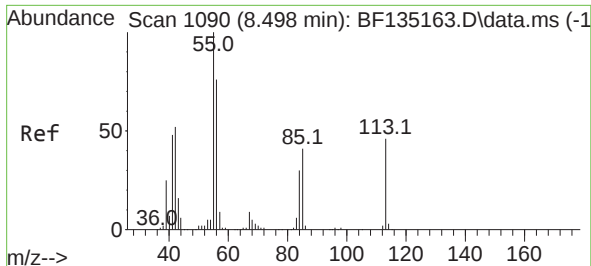
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#34
Hexachlorobutadiene
Concen: 41.271 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:225 Resp: 206369
Ion Ratio Lower Upper
225 100
223 64.4 50.6 75.8
227 64.9 50.8 76.2





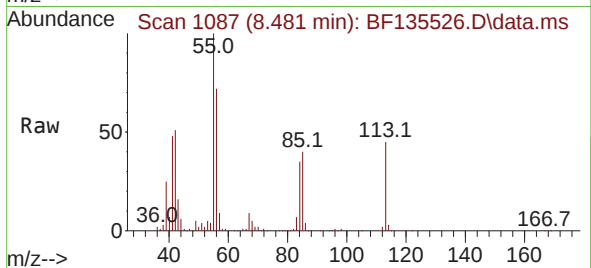
#35
 Caprolactam
 Concen: 50.076 ng m
 RT: 8.481 min Scan# 1090
 Delta R.T. -0.012 min
 Lab File: BF135526.D
 Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

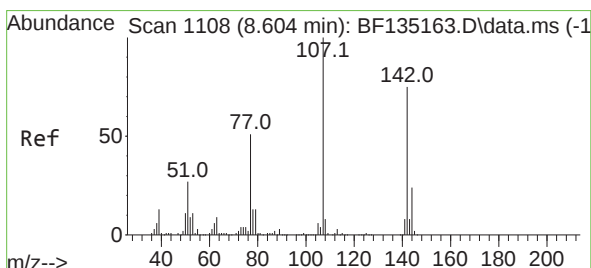
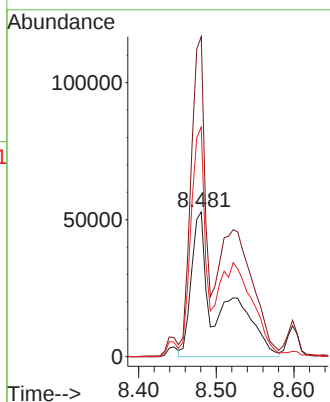
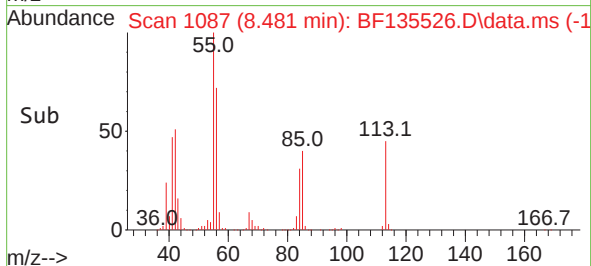


Tgt Ion:113 Resp: 133338
 Ion Ratio Lower Upper
 113 100
 55 221.3 199.3 239.3
 56 158.8 146.3 186.3

Manual Integrations

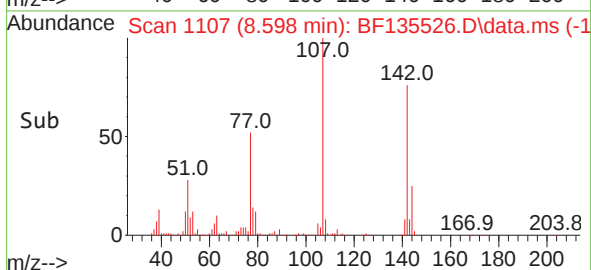
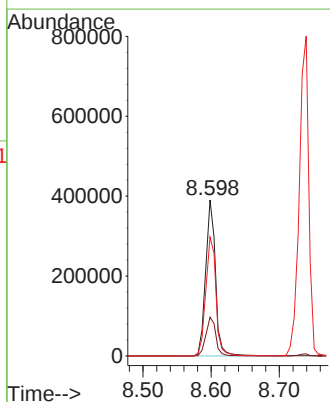
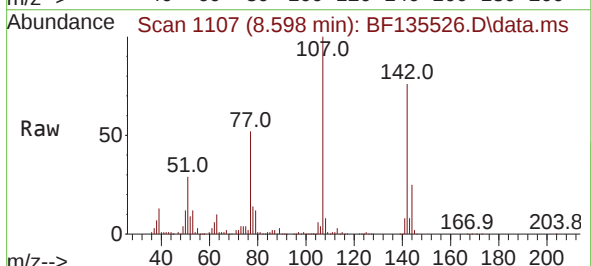
APPROVED

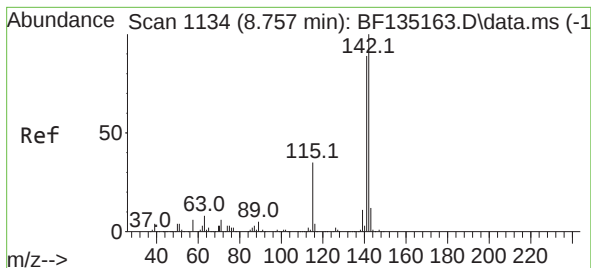
Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023



#36
 4-Chloro-3-methylphenol
 Concen: 44.517 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135526.D
 Acq: 02 Oct 2023 14:25

Tgt Ion:107 Resp: 392542
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.4
 142 76.2 60.2 90.2





#37
2-Methylnaphthalene
Concen: 40.713 ng
RT: 8.739 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

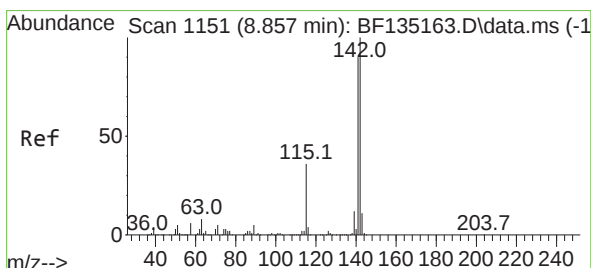
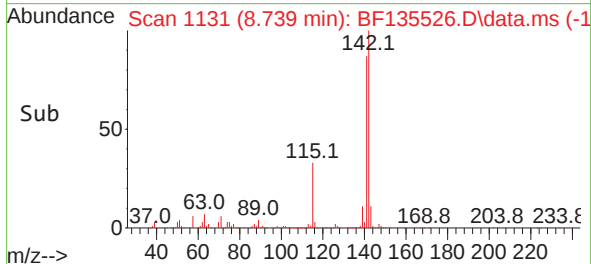
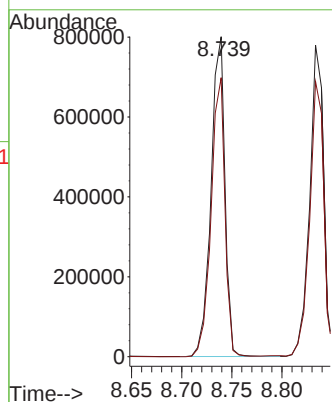
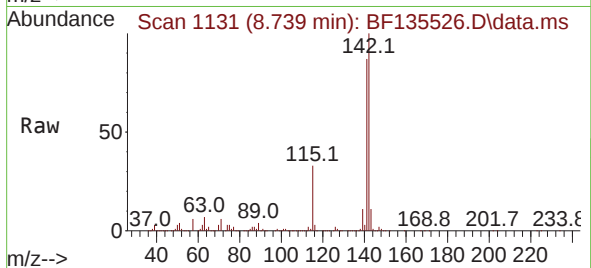
PB155966BS

Tgt Ion:142 Resp: 775710
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6

Manual Integrations

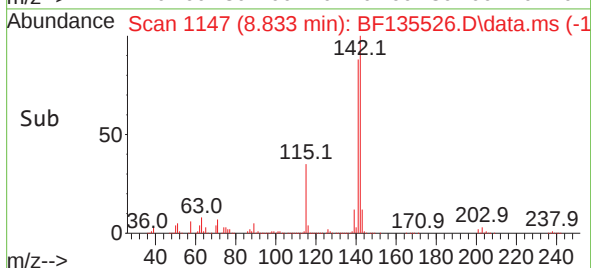
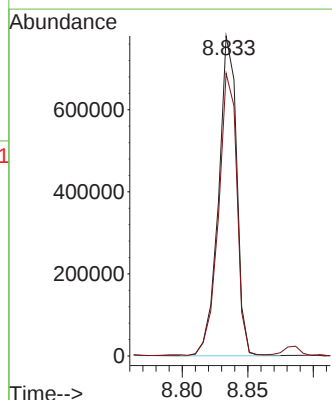
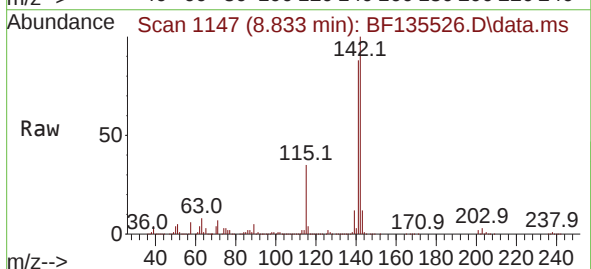
APPROVED

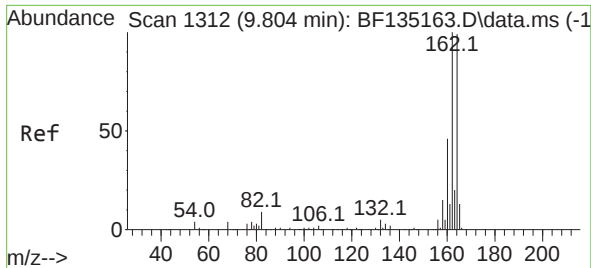
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#38
1-Methylnaphthalene
Concen: 41.955 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:142 Resp: 748423
Ion Ratio Lower Upper
142 100
141 88.3 72.4 108.6





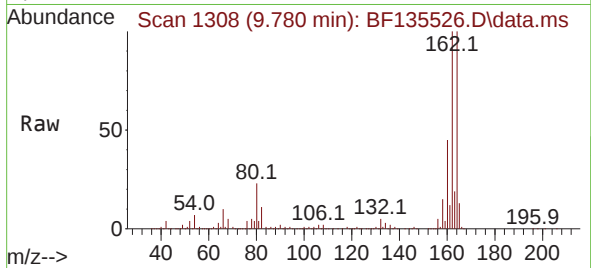
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

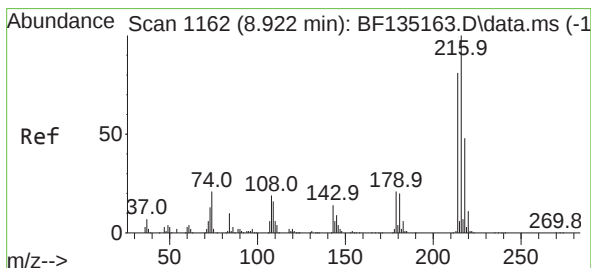
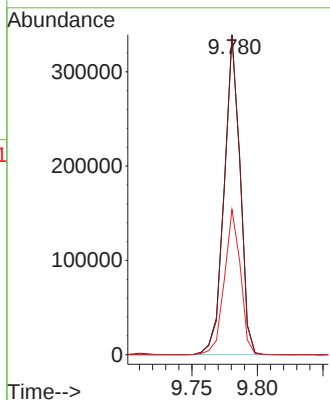
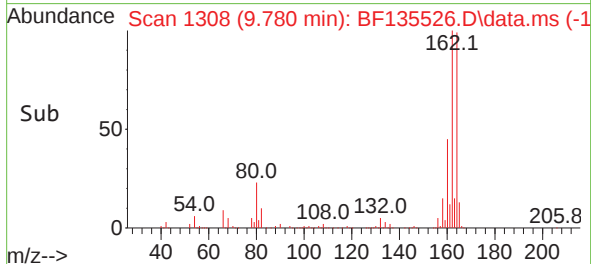


Tgt Ion:164 Resp: 28534
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.5 37.0 55.4

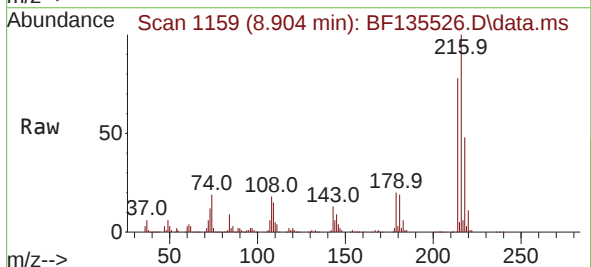
Manual Integrations

APPROVED

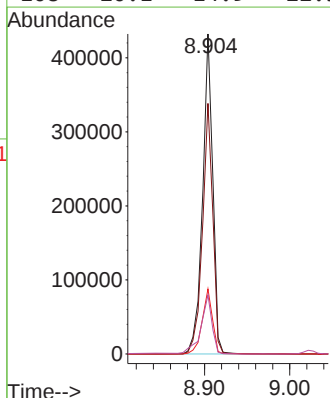
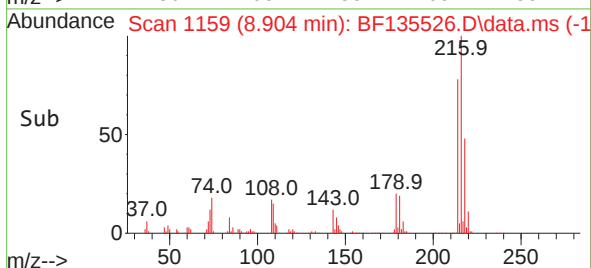
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

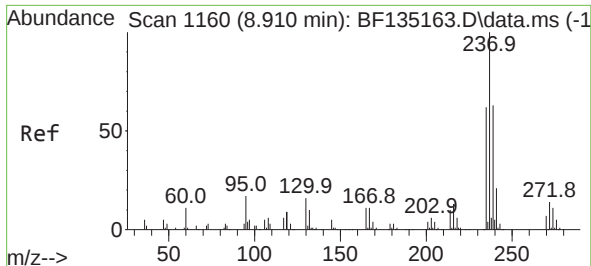


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.234 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:216 Resp: 357396
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.5 16.7 25.1
108 20.1 14.9 22.3





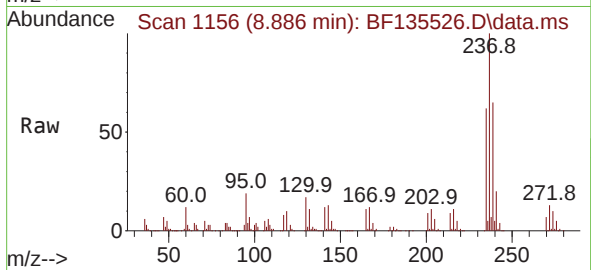
#41
Hexachlorocyclopentadiene
Concen: 47.214 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

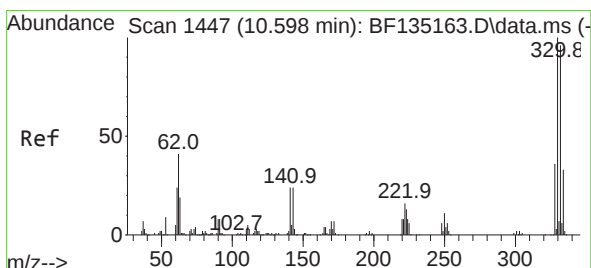
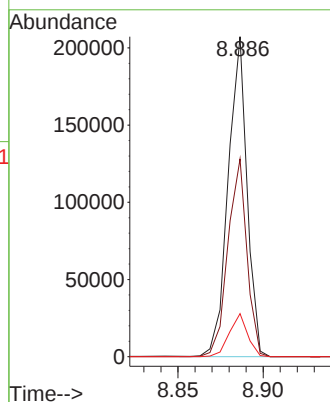
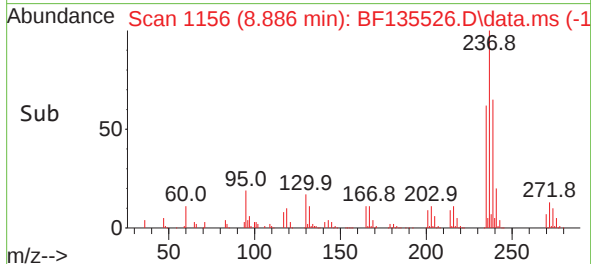


Tgt Ion:237 Resp: 159832
Ion Ratio Lower Upper
237 100
235 61.8 41.8 81.8
272 13.4 0.0 33.6

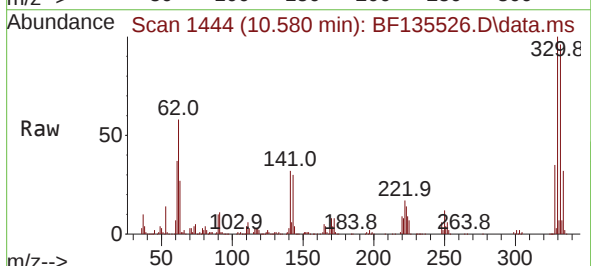
Manual Integrations

APPROVED

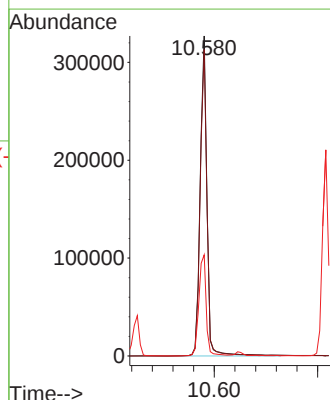
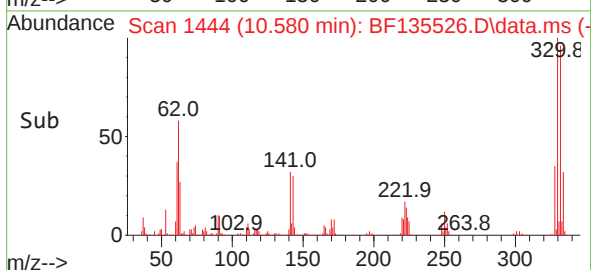
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

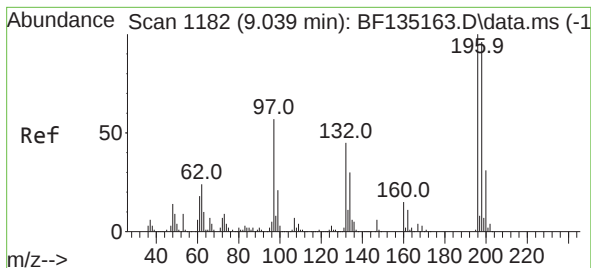


#42
2,4,6-Tribromophenol
Concen: 104.459 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:330 Resp: 296205
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.744 ng

RT: 9.022 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF135526.D

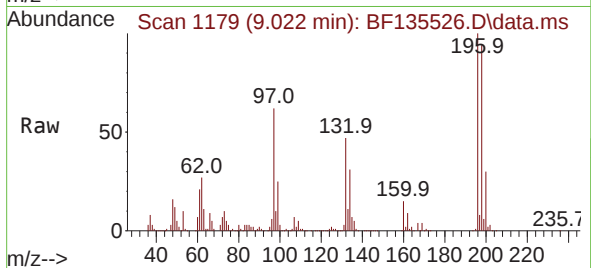
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS



Tgt Ion:196 Resp: 23676

Ion Ratio Lower Upper

196 100

198 93.7 77.0 115.6

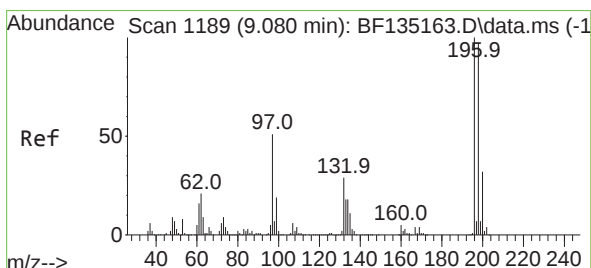
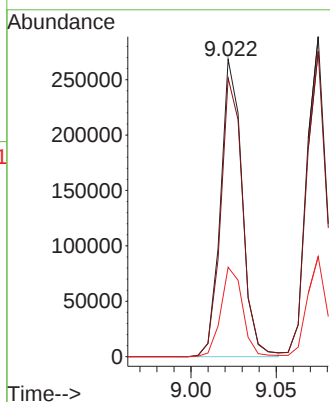
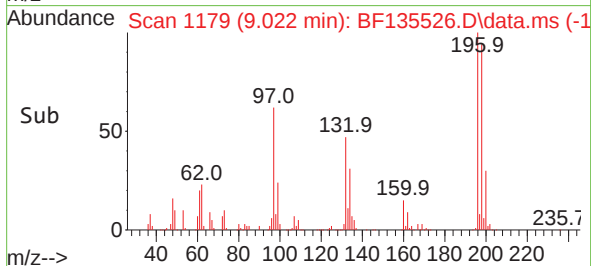
200 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#44

2,4,5-Trichlorophenol

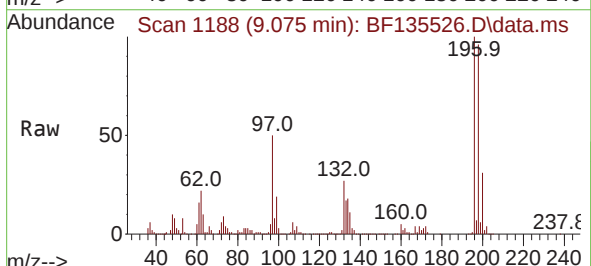
Concen: 40.453 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25



Tgt Ion:196 Resp: 252145

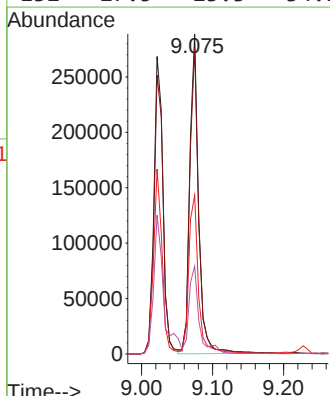
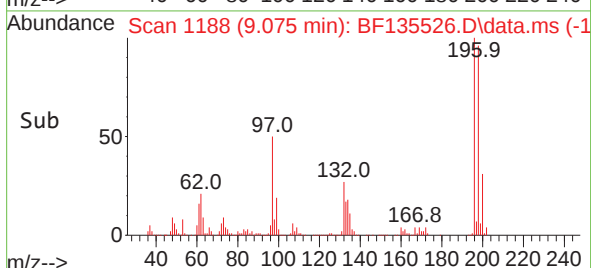
Ion Ratio Lower Upper

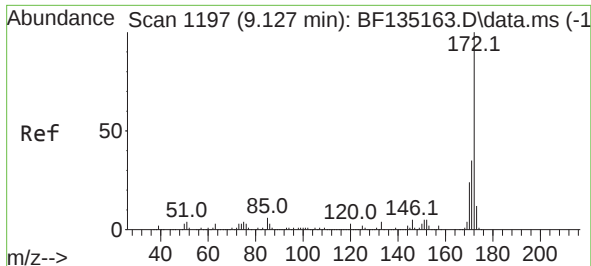
196 100

198 95.5 77.5 116.3

97 49.6 40.5 60.7

132 27.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.776 ng

RT: 9.104 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

Tgt Ion:172 Resp: 143313

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

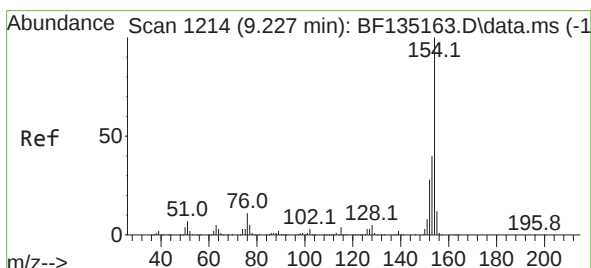
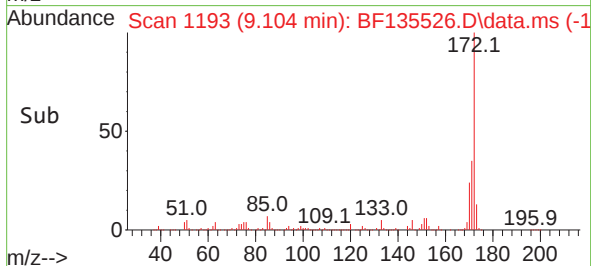
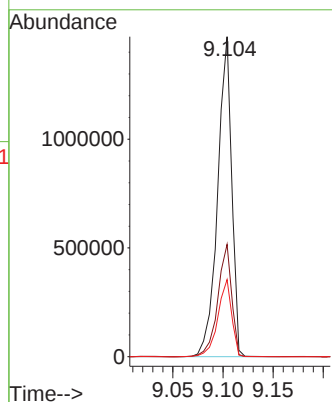
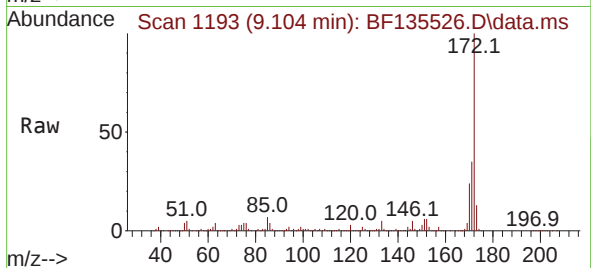
170 24.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#46

1,1'-Biphenyl

Concen: 43.528 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

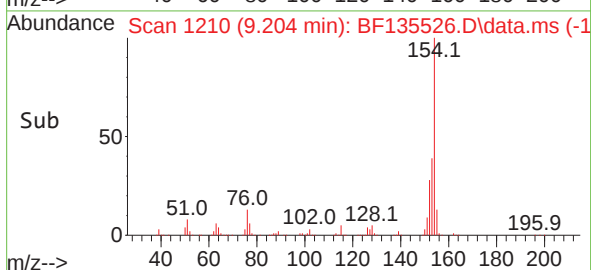
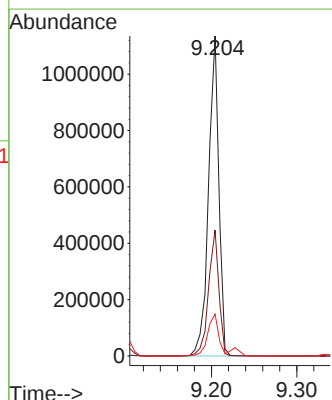
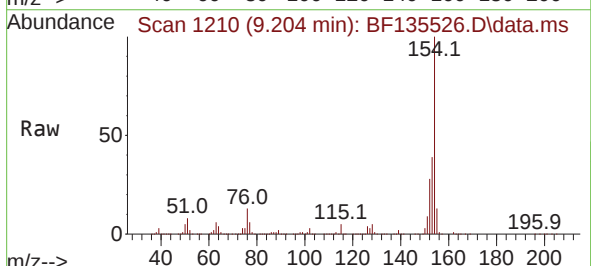
Tgt Ion:154 Resp: 954486

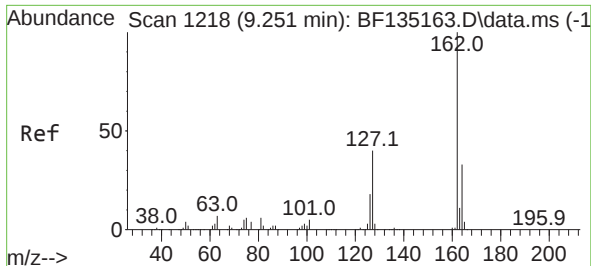
Ion Ratio Lower Upper

154 100

153 39.3 19.6 59.6

76 13.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.396 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

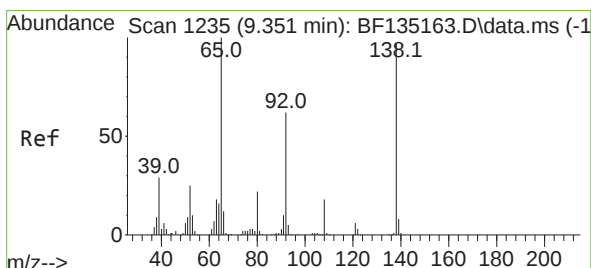
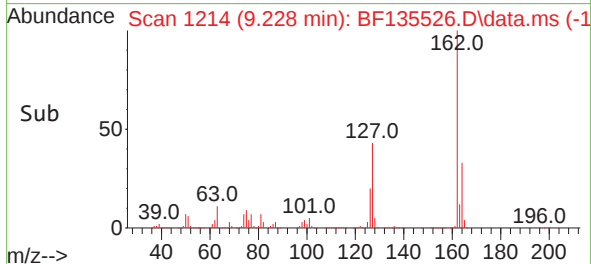
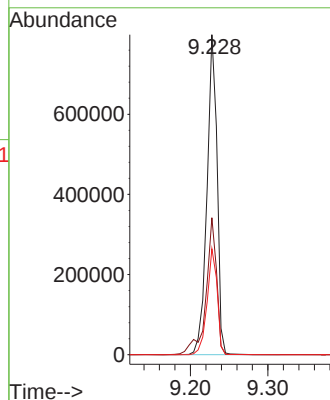
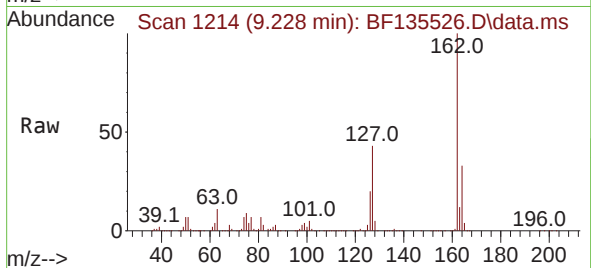
Tgt Ion:	162	Resp:	722254
Ion Ratio	Lower	Upper	
162	100		
127	42.8	32.6	48.8
164	33.1	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#48

2-Nitroaniline

Concen: 47.951 ng

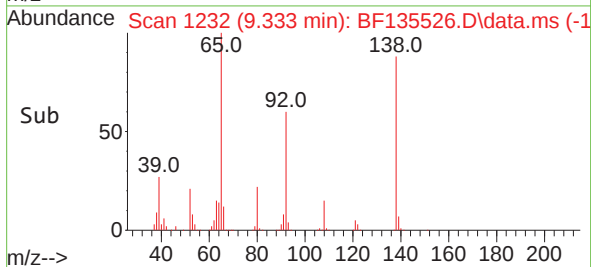
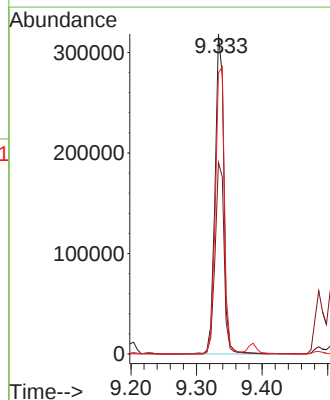
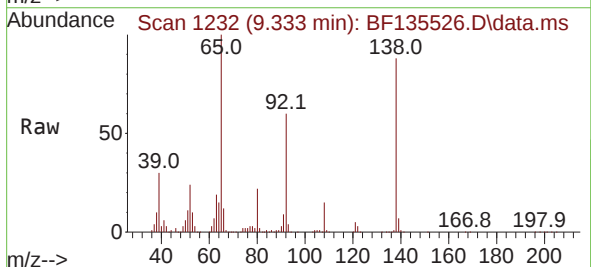
RT: 9.333 min Scan# 1232

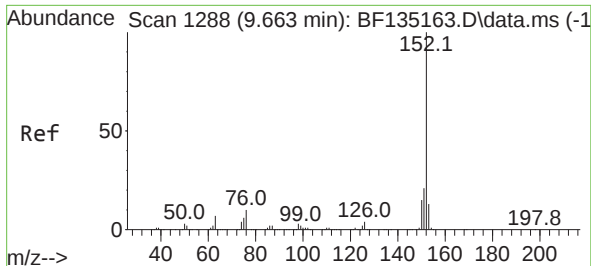
Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:	65	Resp:	296386
Ion Ratio	Lower	Upper	
65	100		
92	59.8	49.4	74.0
138	87.8	77.4	116.0





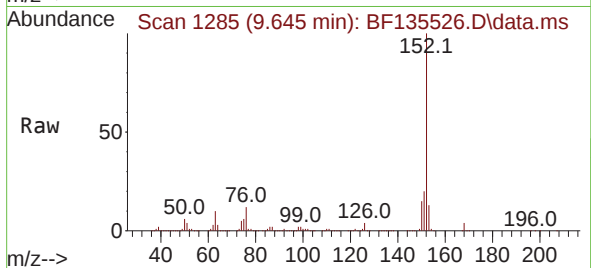
#49
Acenaphthylene
Concen: 44.208 ng
RT: 9.645 min Scan# 1168910
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

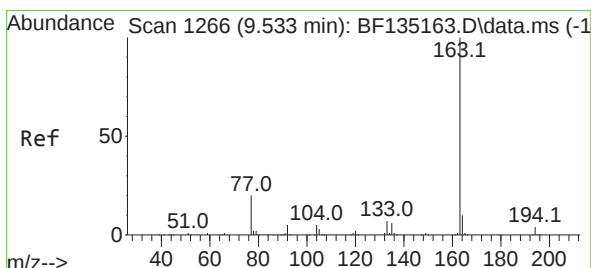
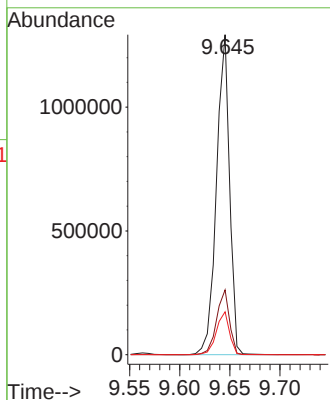
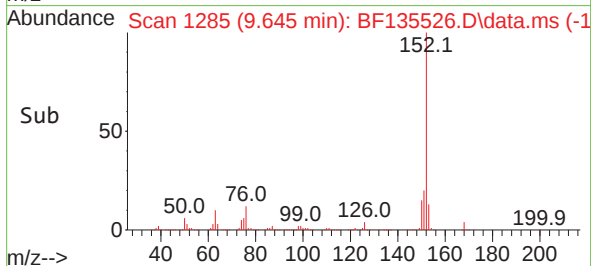


Tgt Ion:152 Resp: 1168910
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.4 10.4 15.6

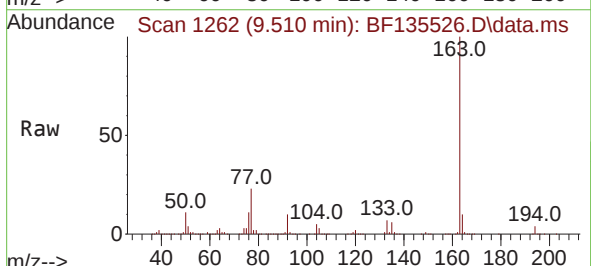
Manual Integrations

APPROVED

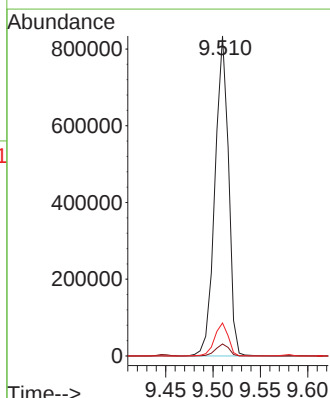
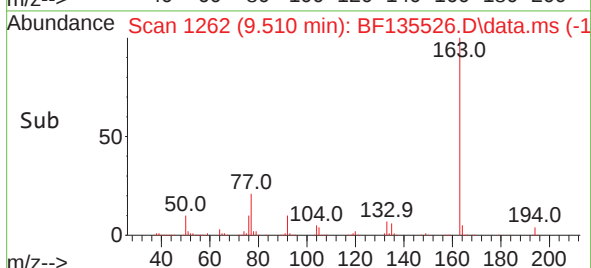
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

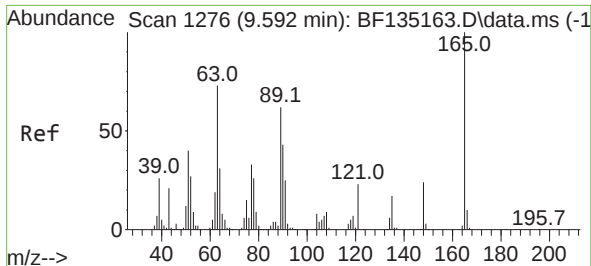


#50
Dimethylphthalate
Concen: 43.103 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:163 Resp: 831543
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.3 8.1 12.1





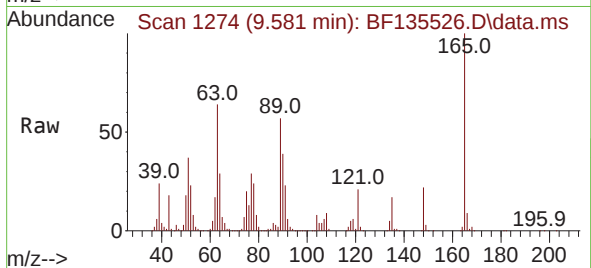
#51
2,6-Dinitrotoluene
Concen: 44.296 ng
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

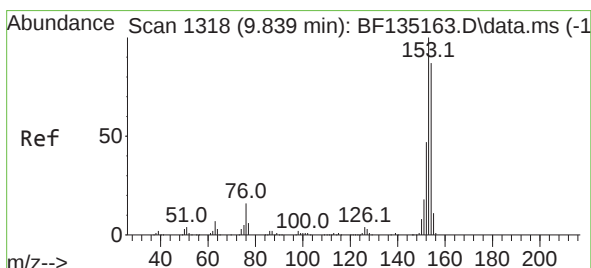
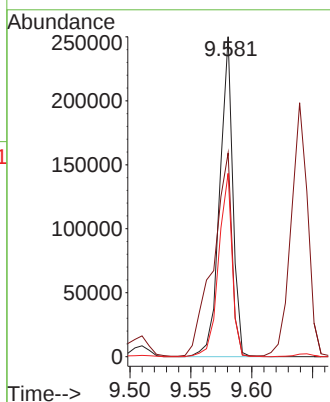
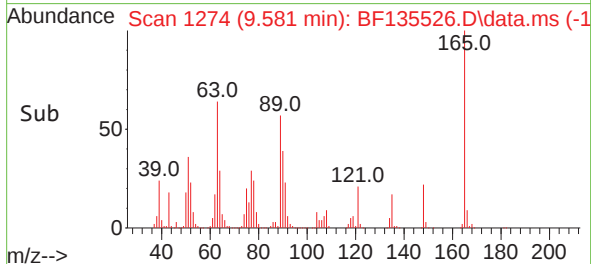


Tgt Ion:165 Resp: 187200
Ion Ratio Lower Upper
165 100
63 63.6 59.4 89.2
89 57.3 49.8 74.8

Manual Integrations

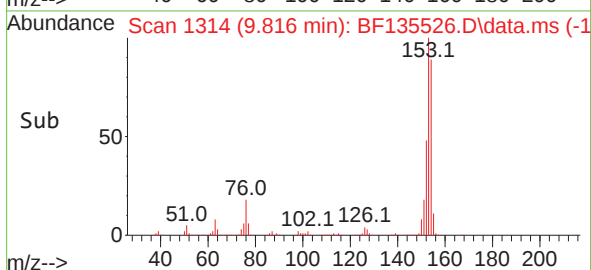
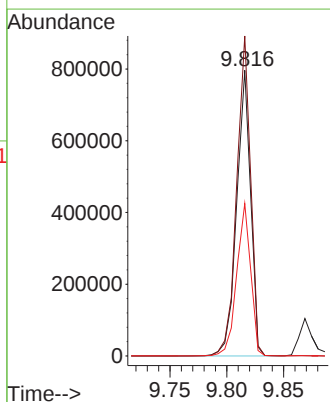
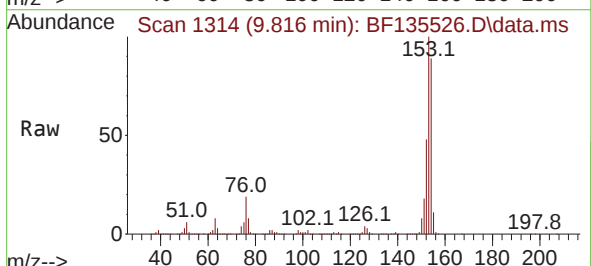
APPROVED

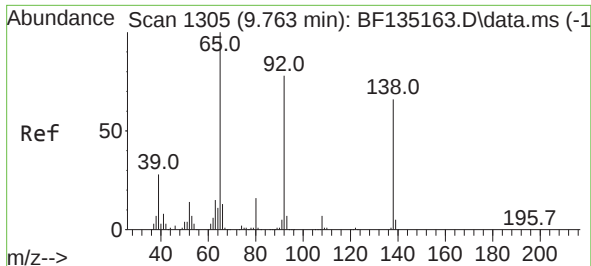
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#52
Acenaphthene
Concen: 43.516 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:154 Resp: 679719
Ion Ratio Lower Upper
154 100
153 112.1 92.1 138.1
152 53.4 43.1 64.7





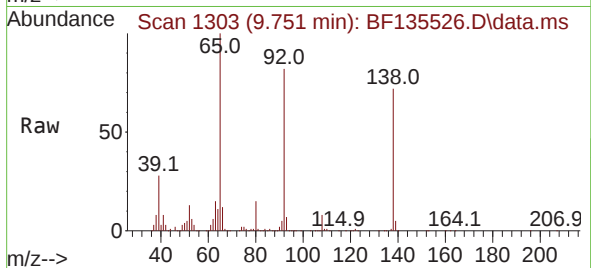
#53
3-Nitroaniline
Concen: 34.444 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

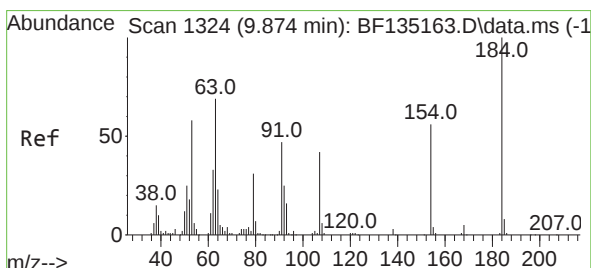
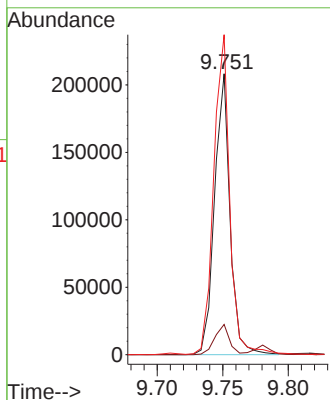
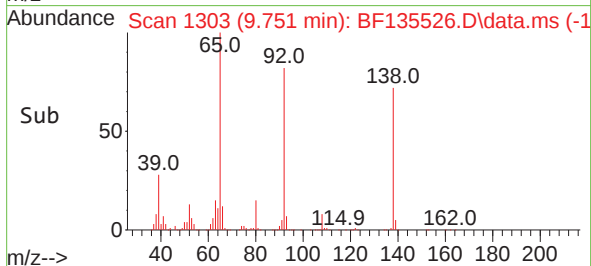


Tgt Ion:138 Resp: 17087
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 113.9 95.4 143.0

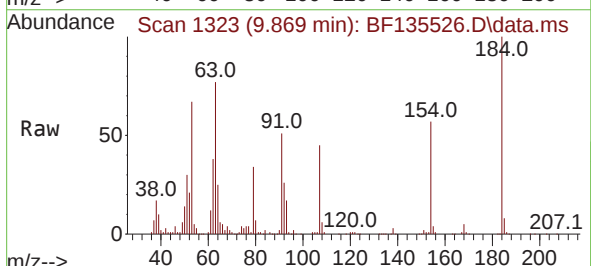
Manual Integrations

APPROVED

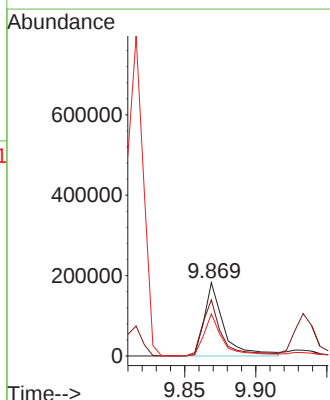
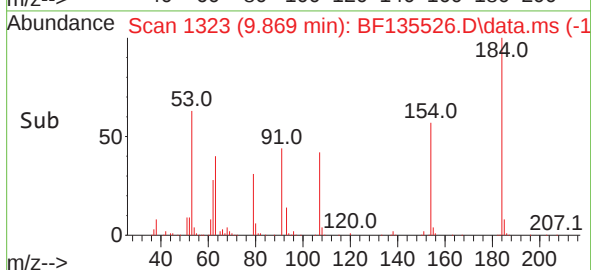
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

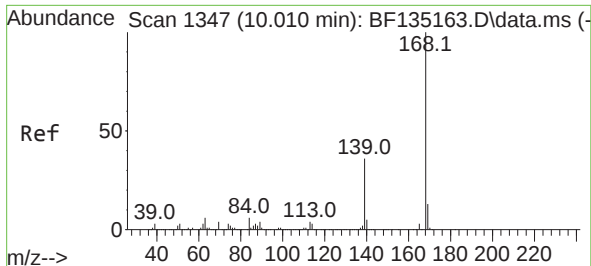


#54
2,4-Dinitrophenol
Concen: 72.719 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:184 Resp: 172987
Ion Ratio Lower Upper
184 100
63 76.6 55.1 82.7
154 57.3 48.4 72.6





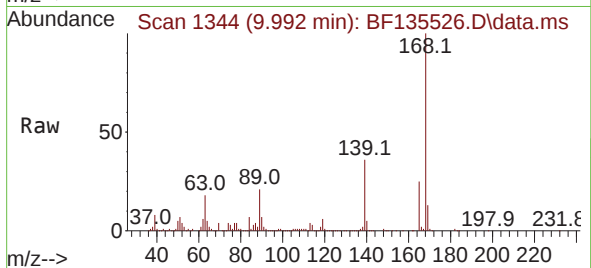
#55
Dibenzenofuran
Concen: 40.462 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

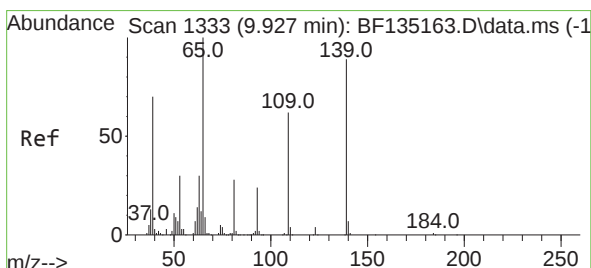
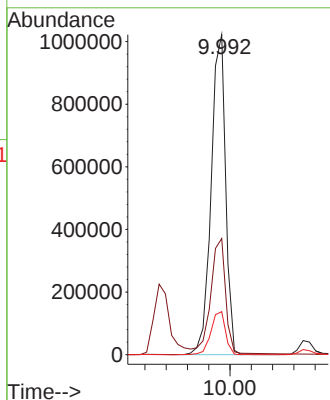
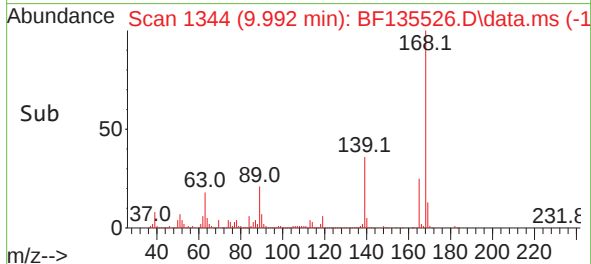


Tgt Ion:168 Resp: 96444
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.5 10.4 15.6

Manual Integrations

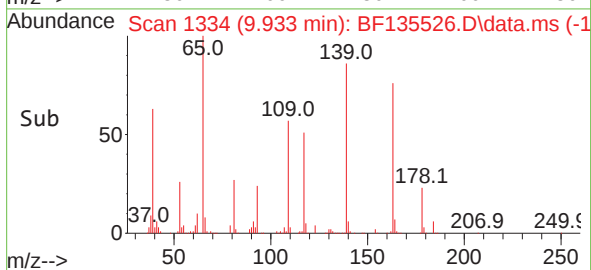
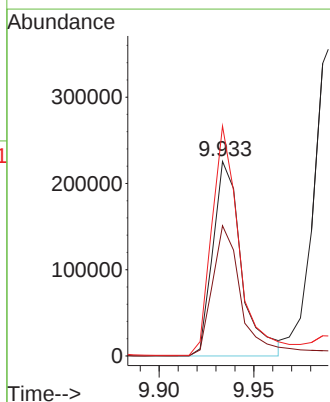
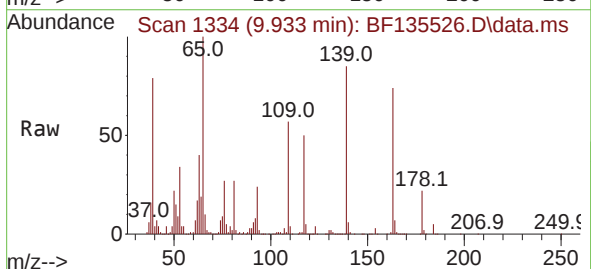
APPROVED

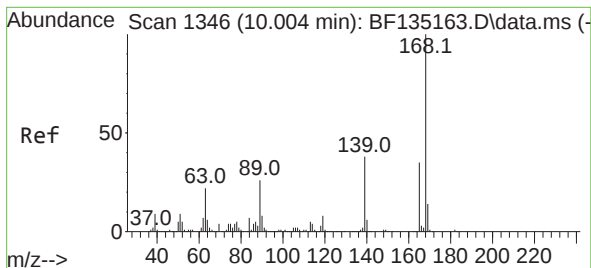
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#56
4-Nitrophenol
Concen: 75.185 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:139 Resp: 237051
Ion Ratio Lower Upper
139 100
109 66.9 49.8 89.8
65 118.2 92.7 132.7





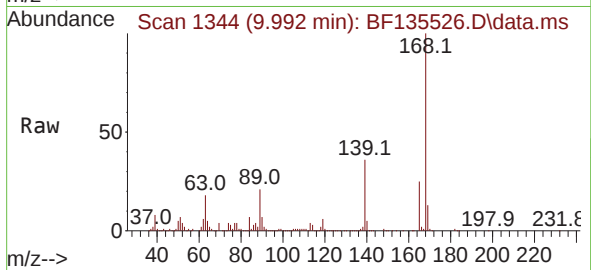
#57
2,4-Dinitrotoluene
Concen: 41.477 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

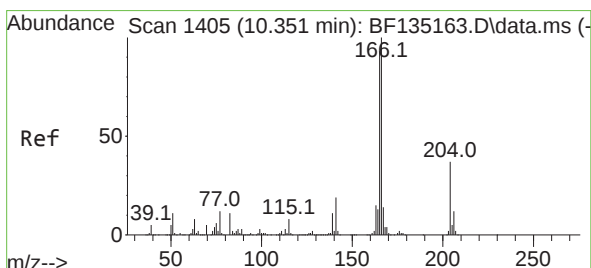
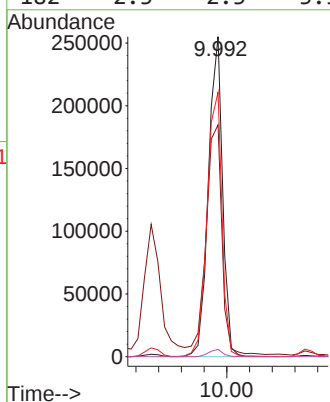
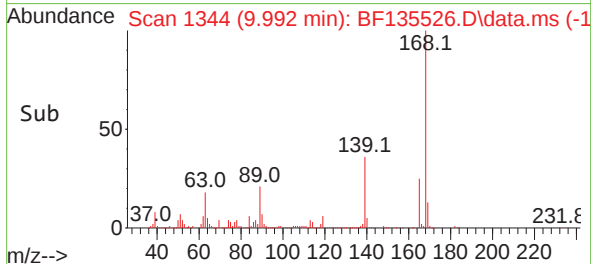


Tgt Ion:165 Resp: 219449
Ion Ratio Lower Upper
165 100
63 72.4 50.1 75.1
89 82.6 59.3 88.9
182 2.3 2.3 3.5

Manual Integrations

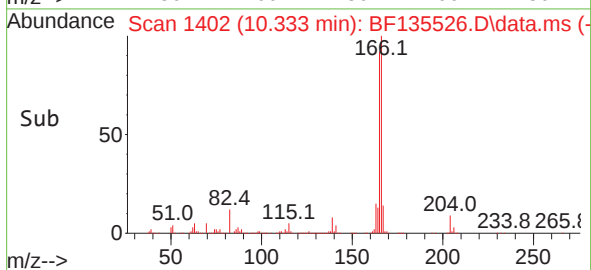
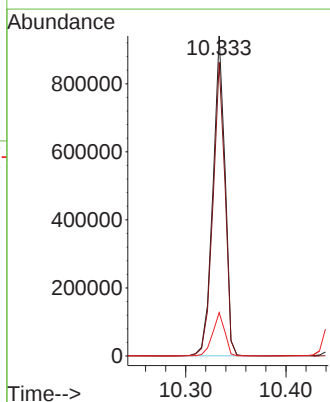
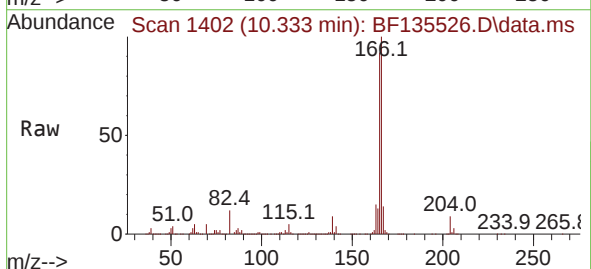
APPROVED

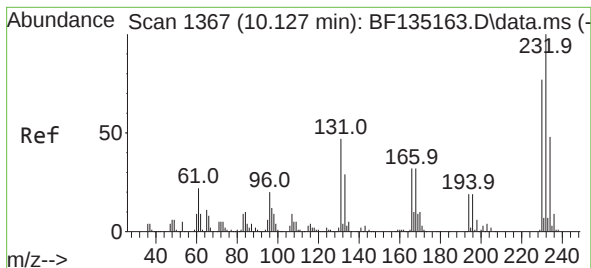
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#58
Fluorene
Concen: 42.897 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

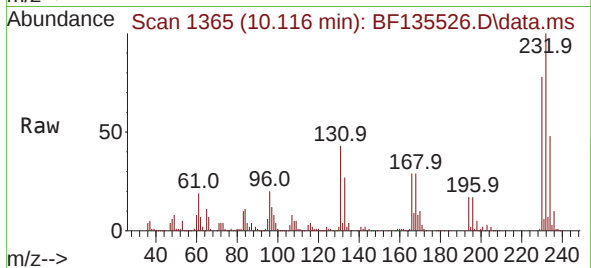
Tgt Ion:166 Resp: 786051
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.583 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

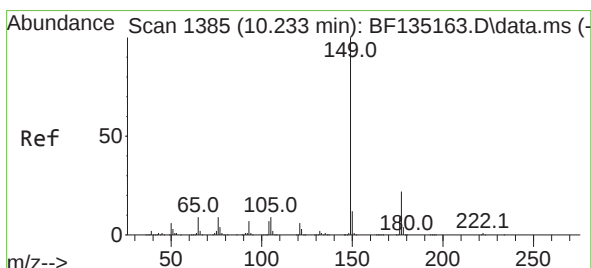
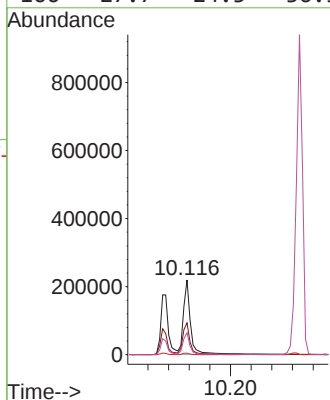
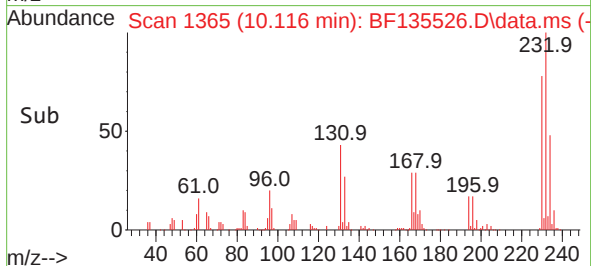
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion:232 Resp: 20896
Ion Ratio Lower Upper
232 100
131 41.6 35.4 53.2
130 2.1 1.8 2.8
166 27.7 24.3 36.5

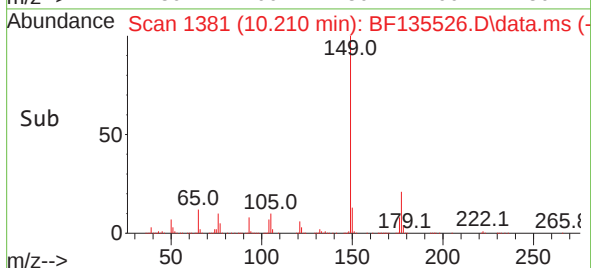
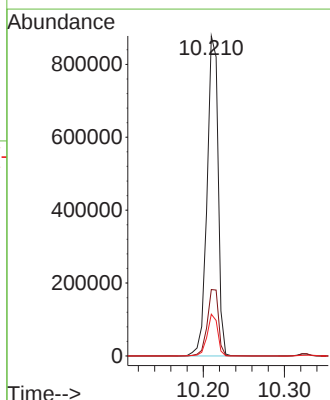
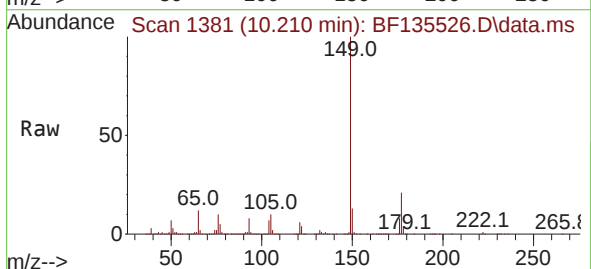
Manual Integrations
APPROVED

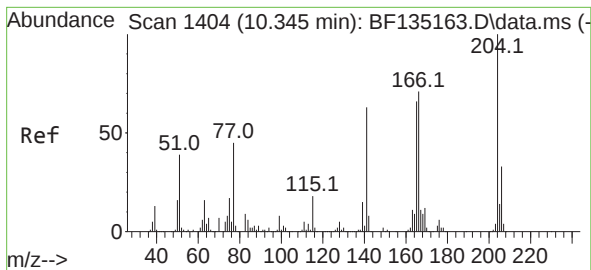
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#60
Diethylphthalate
Concen: 42.621 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

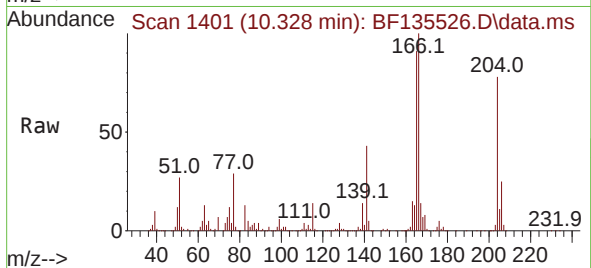
Tgt Ion:149 Resp: 825193
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.6
150 13.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.749 ng
RT: 10.328 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

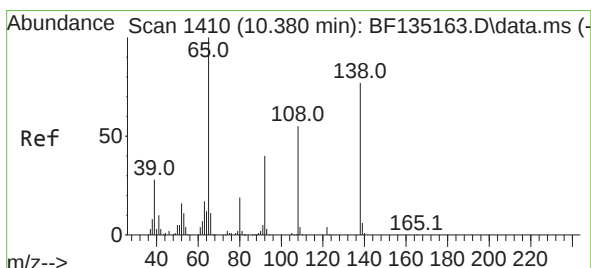
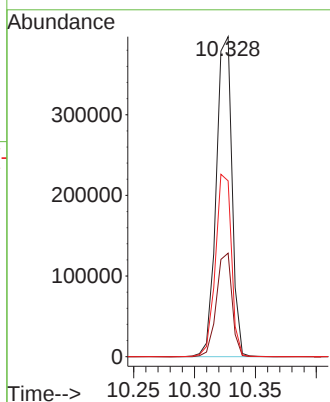
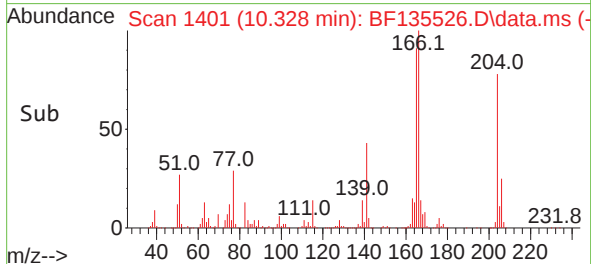
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion:204 Resp: 35868
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 55.0 50.6 75.8

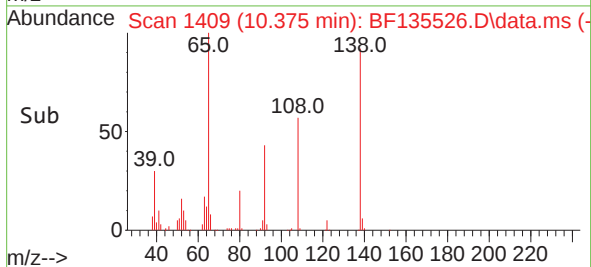
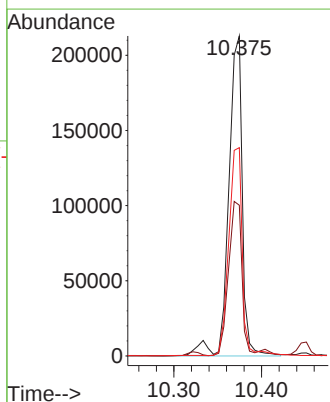
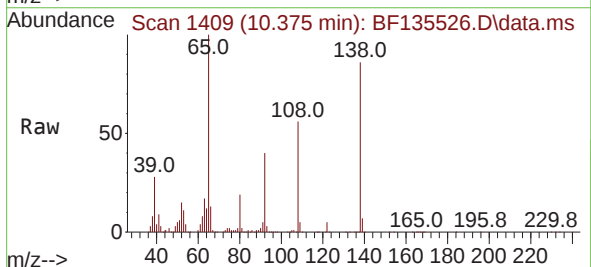
Manual Integrations
APPROVED

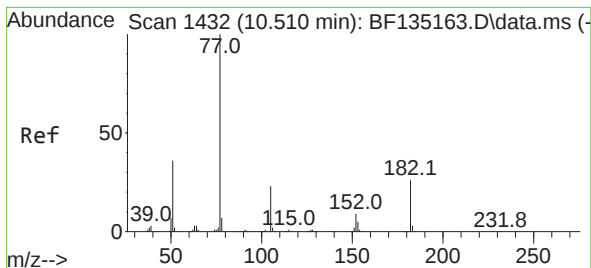
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#62
4-Nitroaniline
Concen: 48.079 ng m
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:138 Resp: 229271
Ion Ratio Lower Upper
138 100
92 47.1 31.8 71.8
108 65.1 52.0 92.0





#63

Azobenzene

Concen: 46.274 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

Tgt Ion: 77 Resp: 876839

Ion Ratio Lower Upper

77 100

182 22.3 6.4 46.4

105 22.6 3.1 43.1

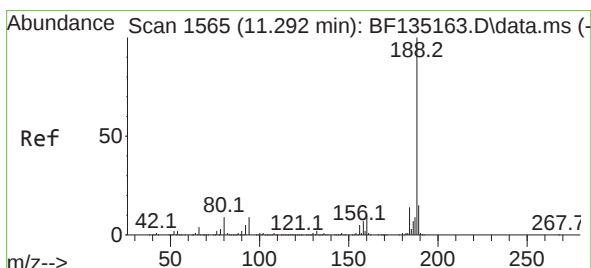
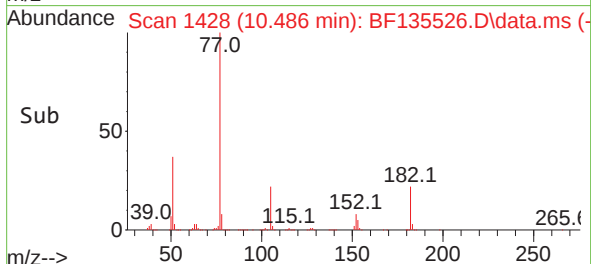
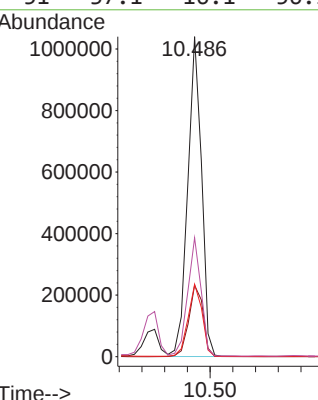
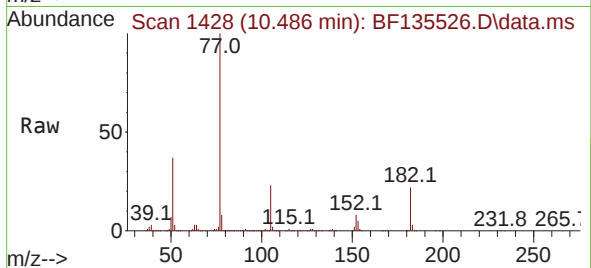
51 37.1 16.1 56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

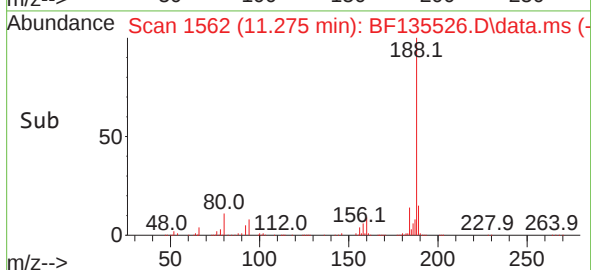
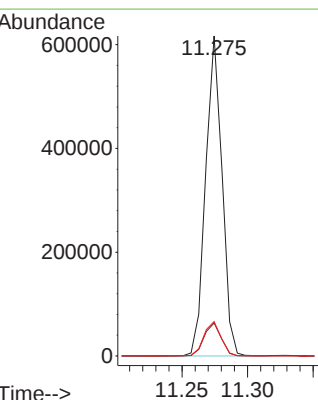
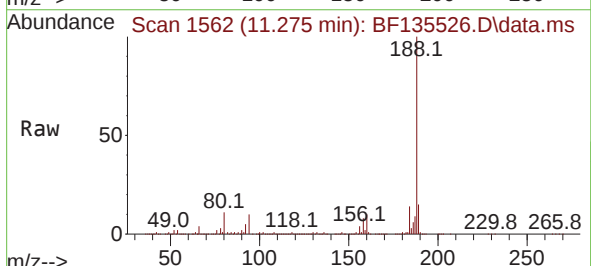
Tgt Ion:188 Resp: 536687

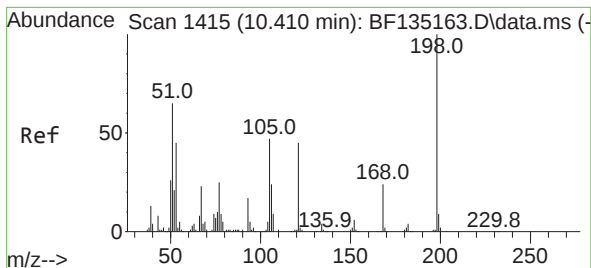
Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 43.599 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

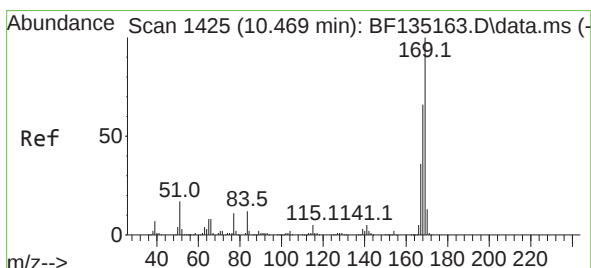
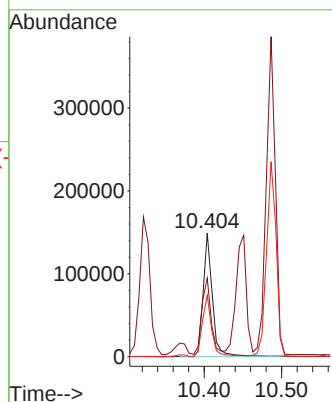
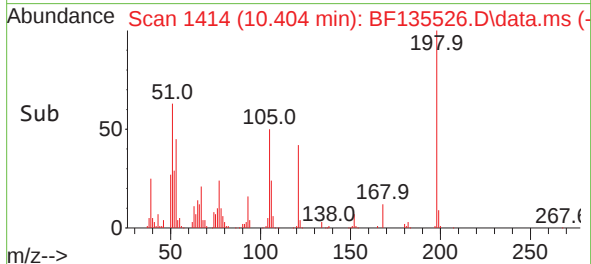
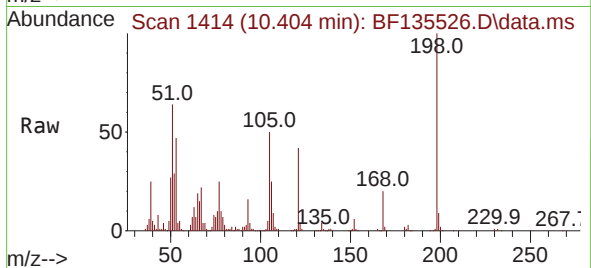
PB155966BS

Tgt Ion:198 Resp: 124280
Ion Ratio Lower Upper
198 100
51 63.6 47.7 87.7
105 49.8 27.4 67.4

Manual Integrations

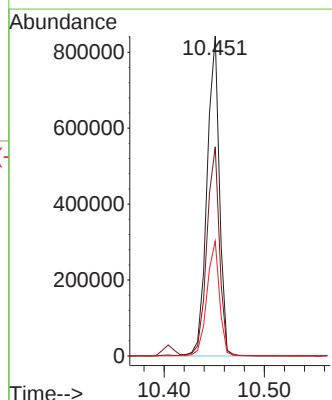
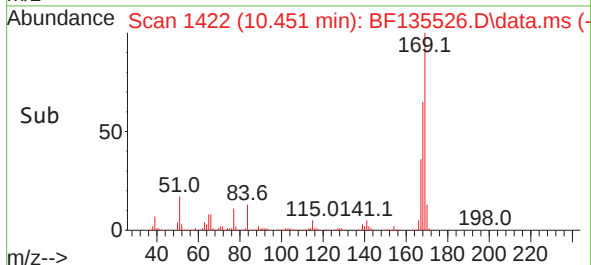
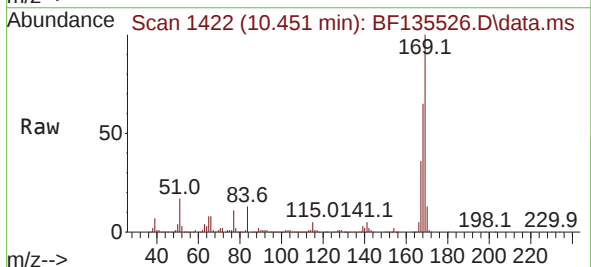
APPROVED

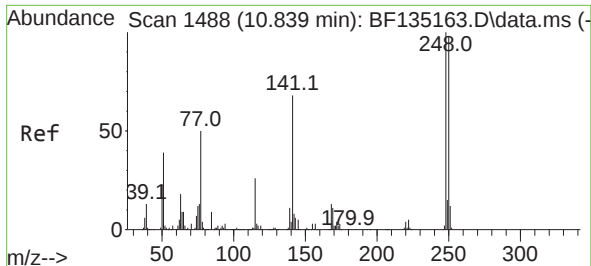
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#66
n-Nitrosodiphenylamine
Concen: 44.711 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

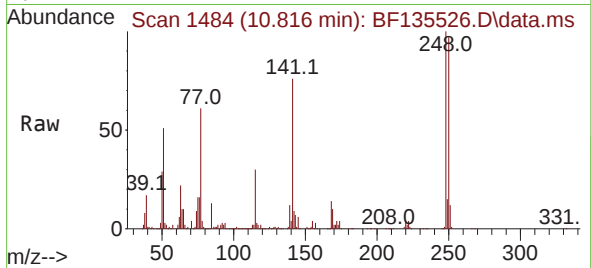
Tgt Ion:169 Resp: 726473
Ion Ratio Lower Upper
169 100
168 65.4 52.8 79.2
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.745 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

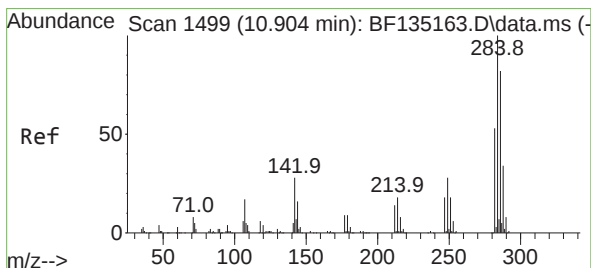
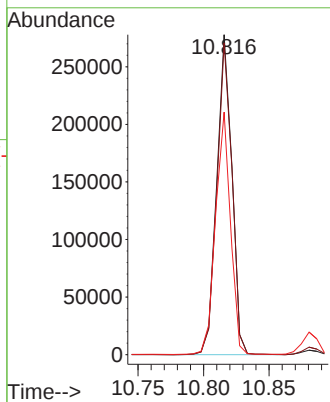
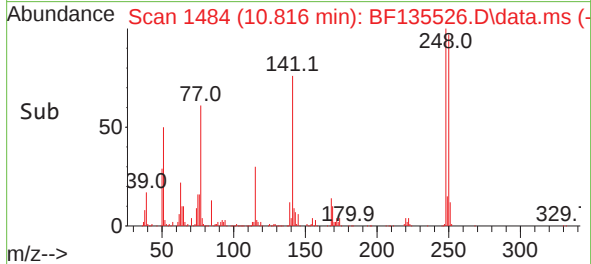
Instrument :
BNA_F
ClientSampleId :
PB155966BS



Tgt Ion:248 Resp: 222825
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 75.8 54.2 81.2

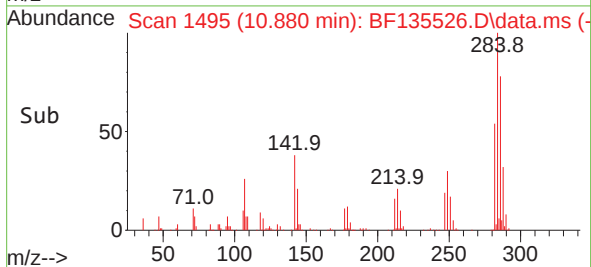
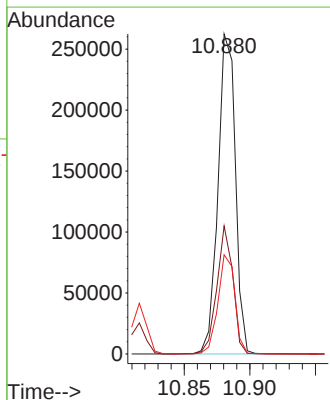
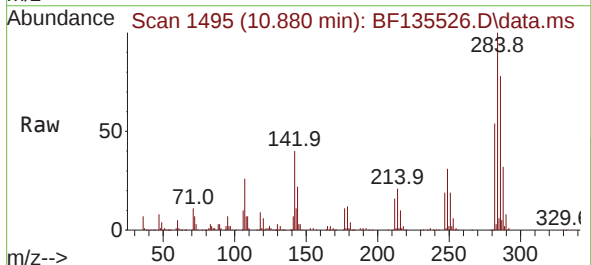
Manual Integrations
APPROVED

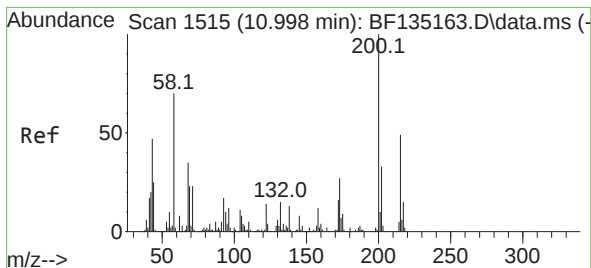
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#68
Hexachlorobenzene
Concen: 44.375 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:284 Resp: 241306
Ion Ratio Lower Upper
284 100
142 40.0 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 50.202 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF135526.D

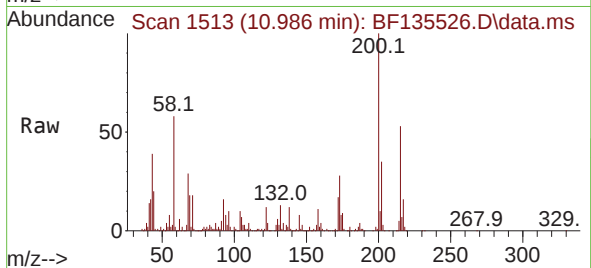
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS



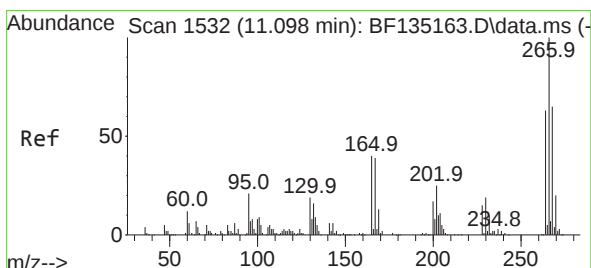
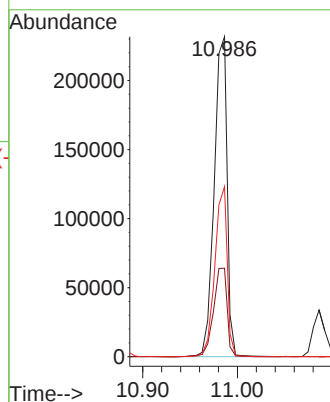
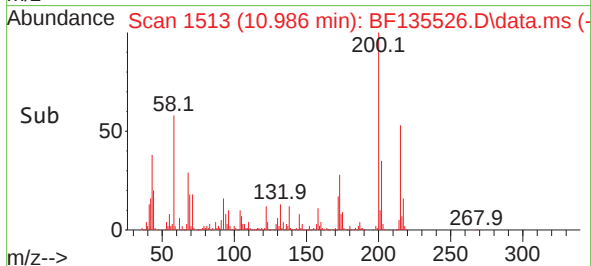
Tgt Ion:	200	Resp:	21947
Ion Ratio	Lower	Upper	
200	100		
173	27.7	7.4	47.4
215	53.1	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#70

Pentachlorophenol

Concen: 62.654 ng

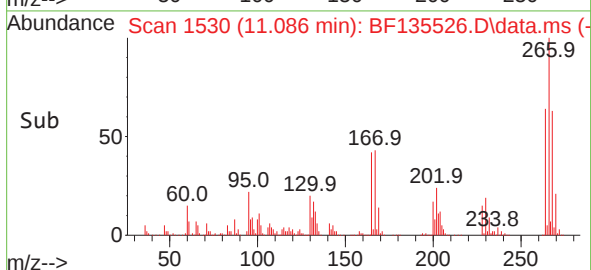
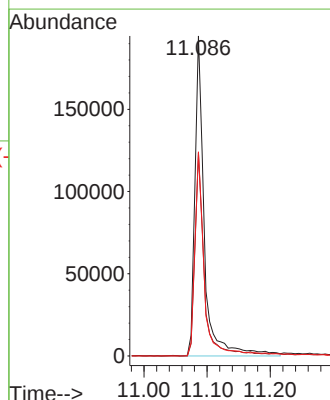
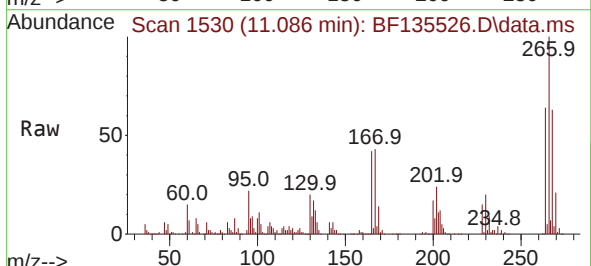
RT: 11.086 min Scan# 1530

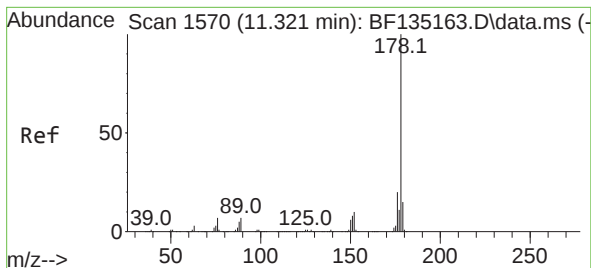
Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:	266	Resp:	203847
Ion Ratio	Lower	Upper	
266	100		
268	63.4	52.1	78.1
264	63.8	50.8	76.2





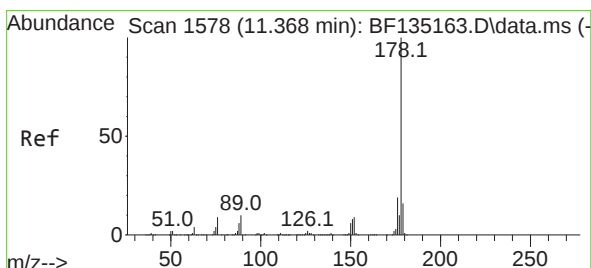
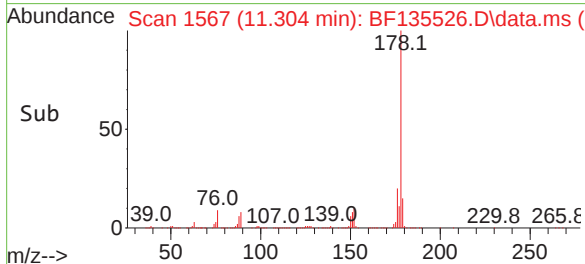
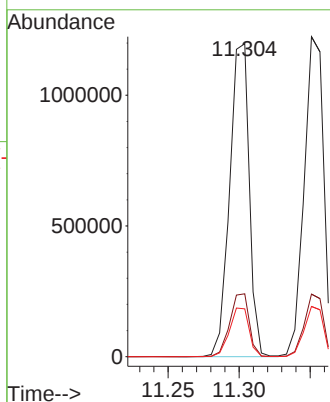
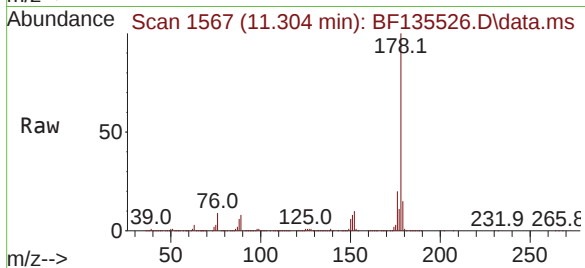
#71
Phenanthrene
Concen: 45.314 ng
RT: 11.304 min Scan# 115209
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :
BNA_F
ClientSampleId :
PB155966BS

Tgt Ion:178 Resp: 1150209
Ion Ratio Lower Upper
178 100
176 20.1 15.6 23.4
179 15.3 12.0 18.0

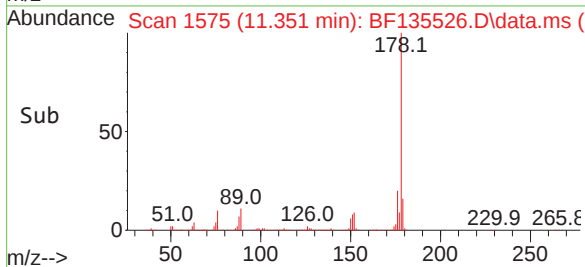
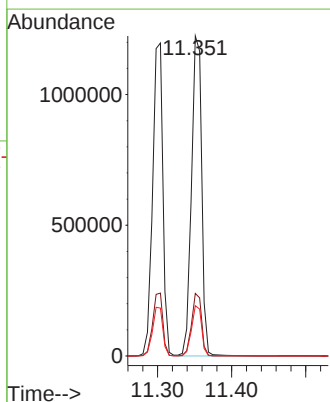
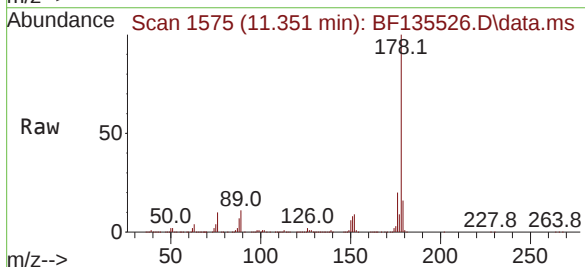
Manual Integrations
APPROVED

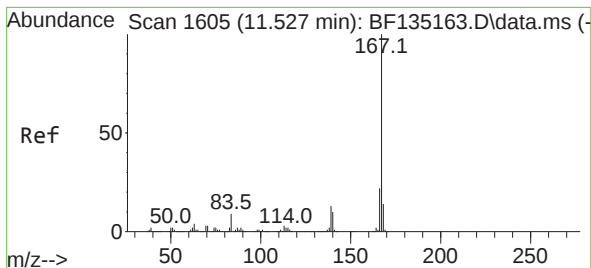
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#72
Anthracene
Concen: 44.970 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:178 Resp: 1173319
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.7 12.6 19.0





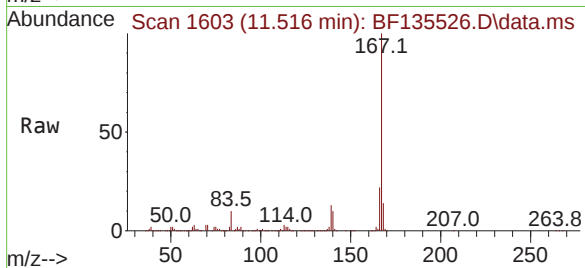
#73
 Carbazole
 Concen: 47.757 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF135526.D
 Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS



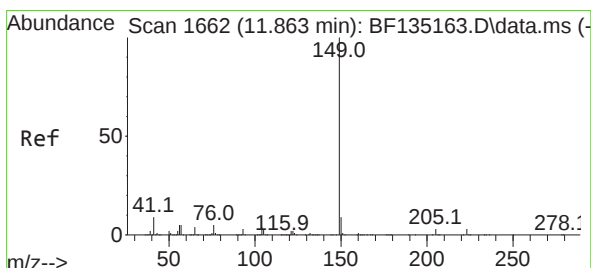
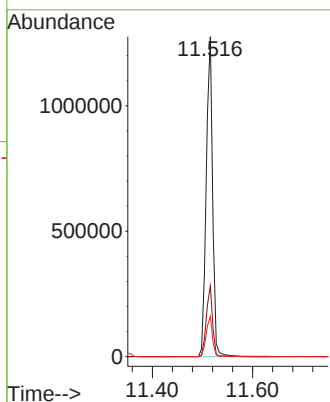
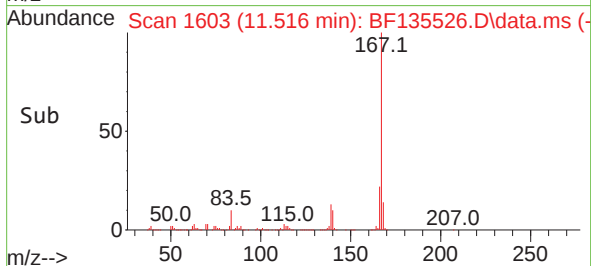
Tgt Ion:167 Resp: 1134292
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.6 10.6 15.8

Manual Integrations

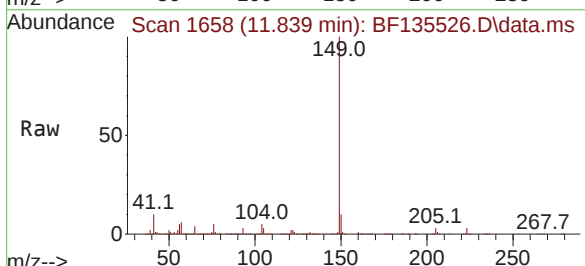
APPROVED

Reviewed By :Yogesh Patel 10/03/2023

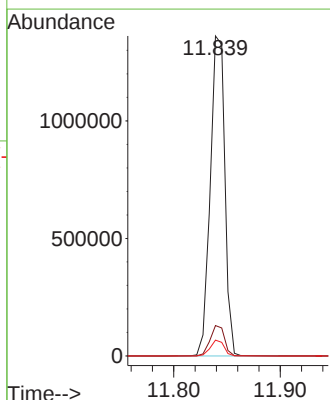
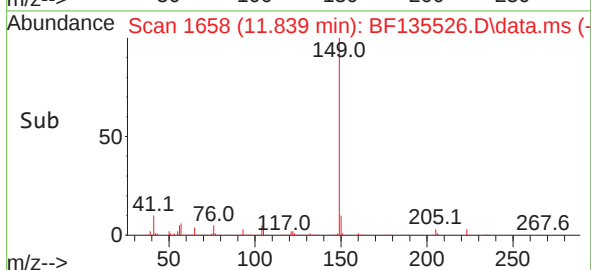
Supervised By :mohammad ahmed 10/04/2023

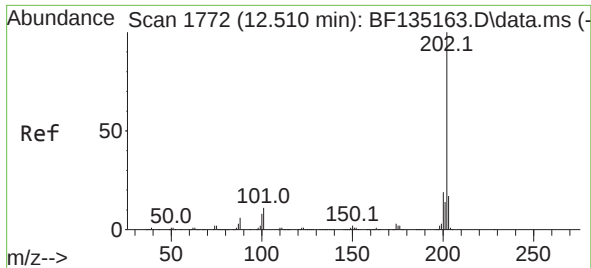


#74
 Di-n-butylphthalate
 Concen: 46.403 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135526.D
 Acq: 02 Oct 2023 14:25



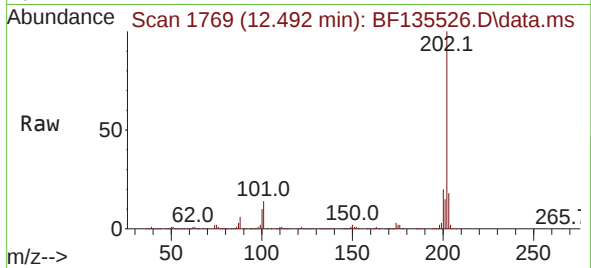
Tgt Ion:149 Resp: 1298688
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 5.0 3.6 5.4





#75
Fluoranthene
Concen: 45.894 ng
RT: 12.492 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

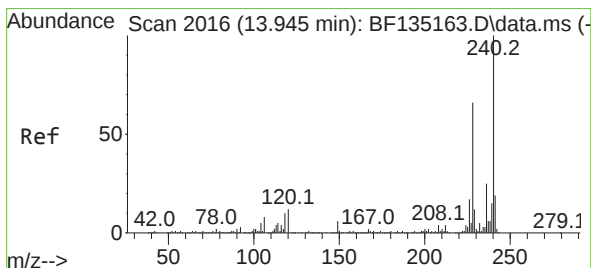
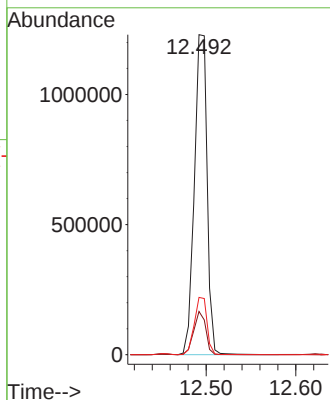
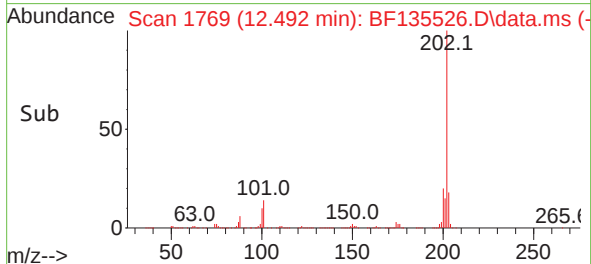
Instrument :
BNA_F
ClientSampleId :
PB155966BS



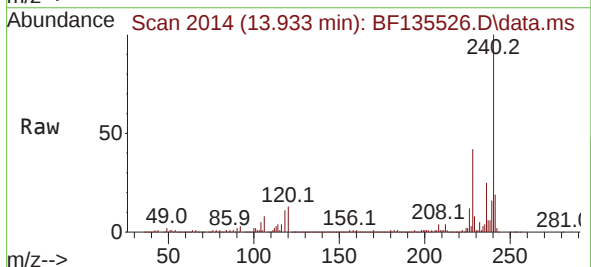
Tgt Ion:202 Resp: 121384
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.3
203 17.9 0.0 37.4

Manual Integrations
APPROVED

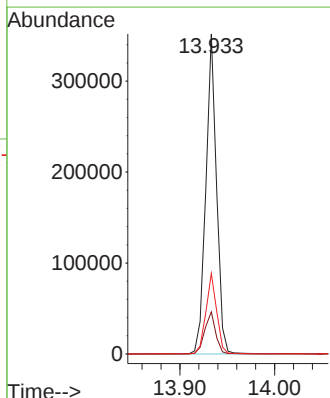
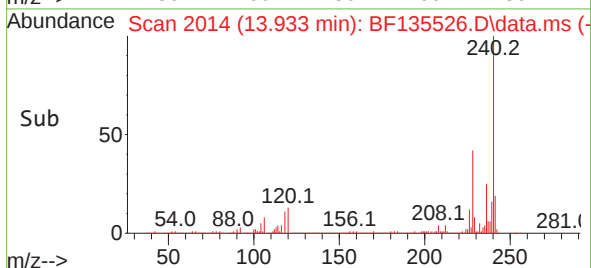
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

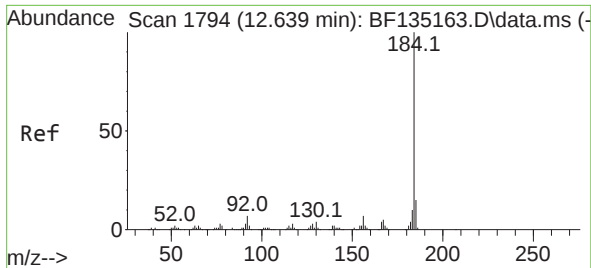


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:240 Resp: 275378
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.2 19.8 29.8





#77
Benzidine
Concen: 74.667 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

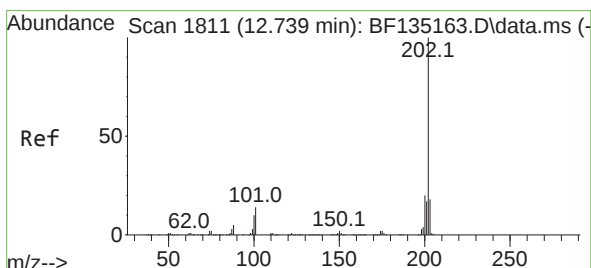
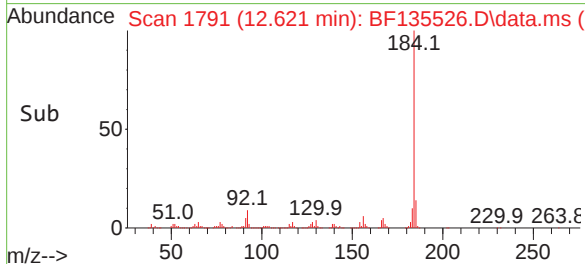
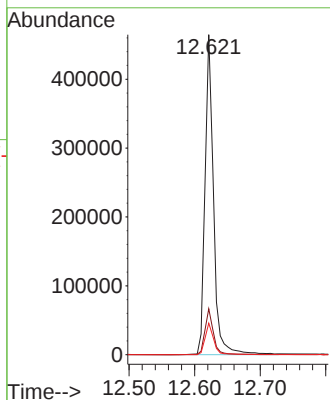
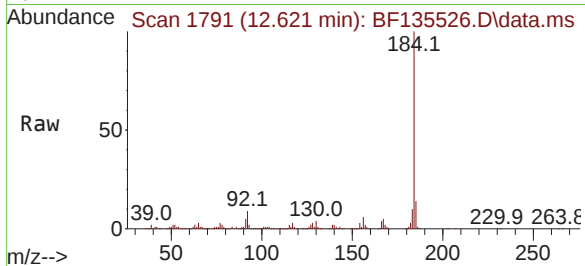
PB155966BS

Tgt Ion:184 Resp: 421245
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 9.8 8.2 12.4

Manual Integrations

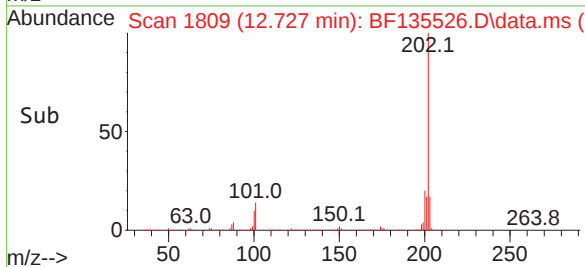
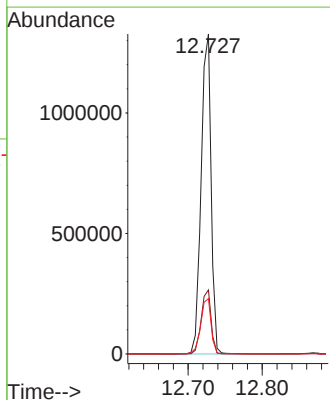
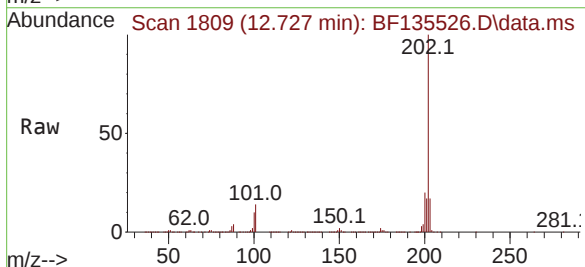
APPROVED

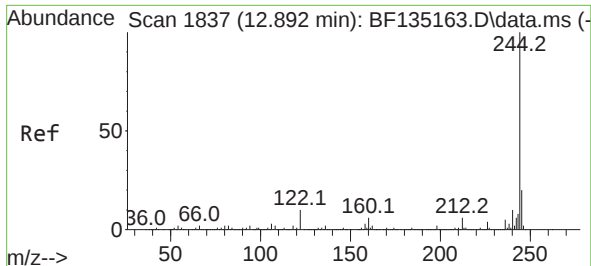
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#78
Pyrene
Concen: 47.185 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Tgt Ion:202 Resp: 1237094
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 14.2 21.4





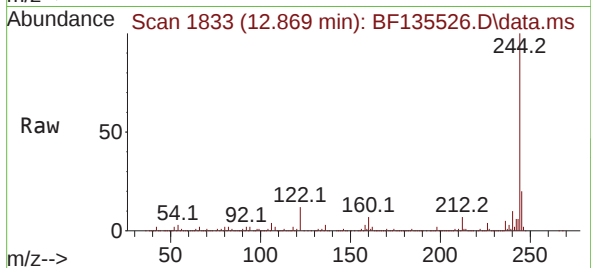
#79
Terphenyl-d14
Concen: 81.818 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

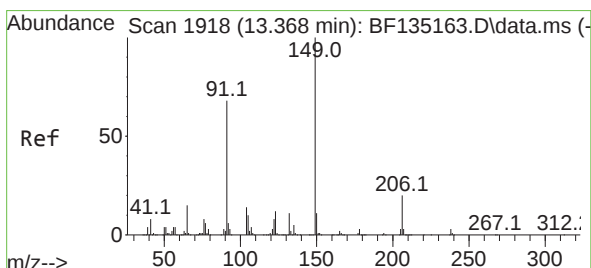
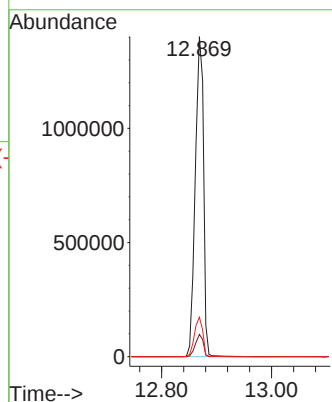
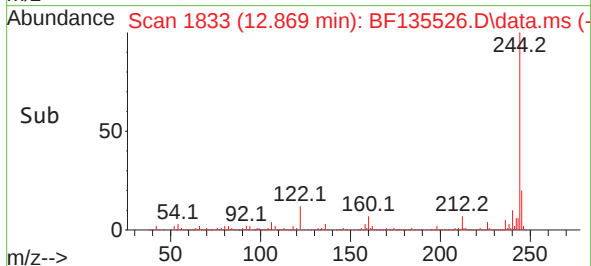


Tgt Ion:244 Resp: 1453429
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.3 7.9 11.9

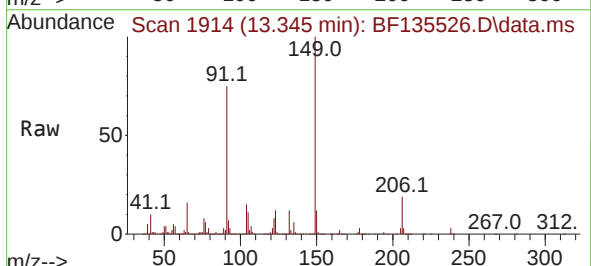
Manual Integrations

APPROVED

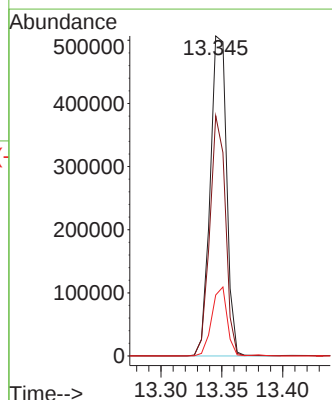
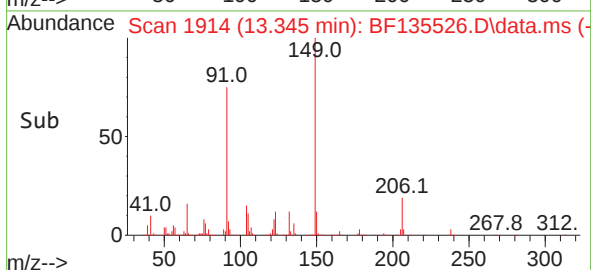
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

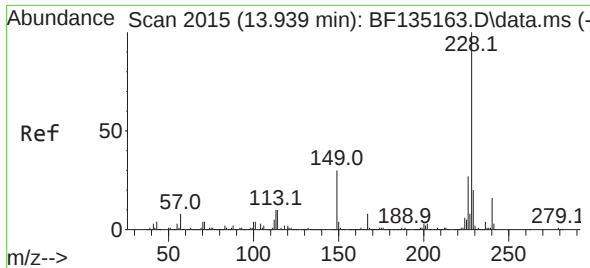


#80
Butylbenzylphthalate
Concen: 51.637 ng
RT: 13.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:149 Resp: 476663
Ion Ratio Lower Upper
149 100
91 75.0 54.7 82.1
206 19.0 16.3 24.5





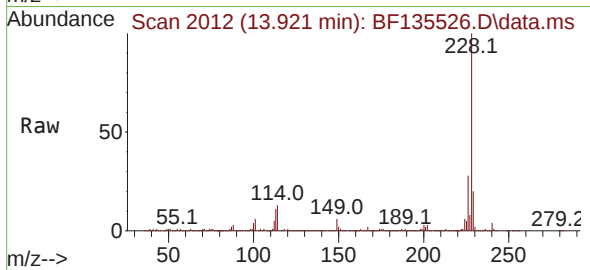
#81
Benzo(a)anthracene
Concen: 46.912 ng
RT: 13.921 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

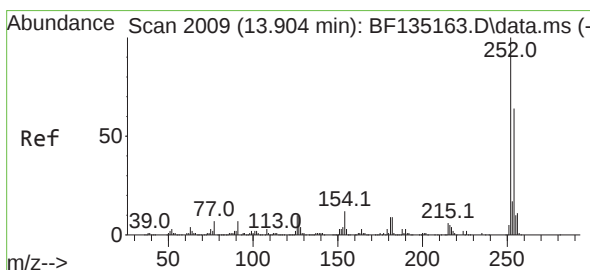
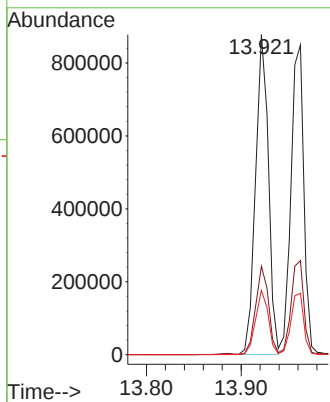
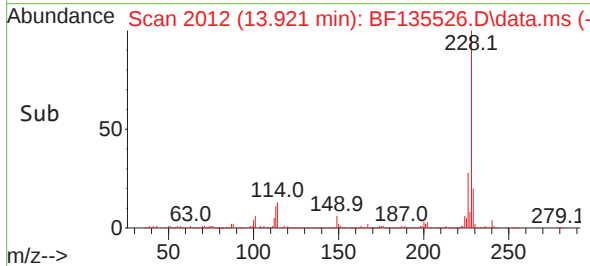


Tgt Ion:228 Resp: 834178
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.1 15.8 23.8

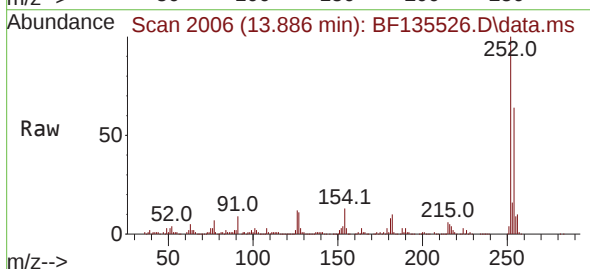
Manual Integrations

APPROVED

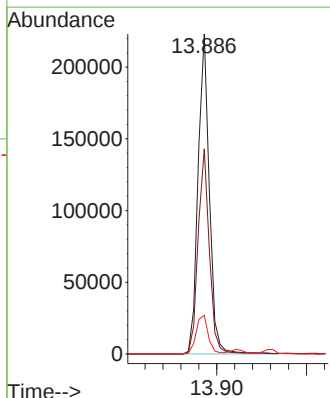
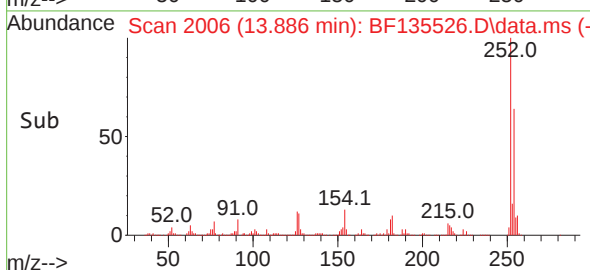
Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

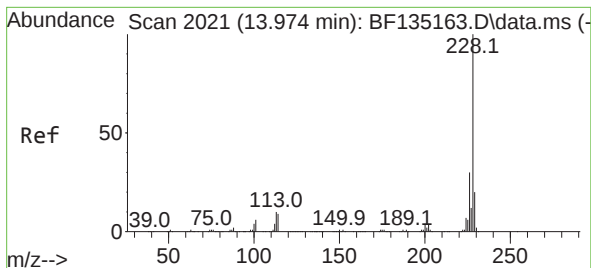


#82
3,3'-Dichlorobenzidine
Concen: 35.156 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion:252 Resp: 195265
Ion Ratio Lower Upper
252 100
254 64.1 51.0 76.4
126 12.1 7.8 11.8





#83

Chrysene

Concen: 45.464 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

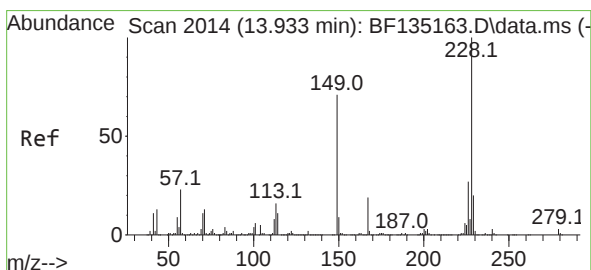
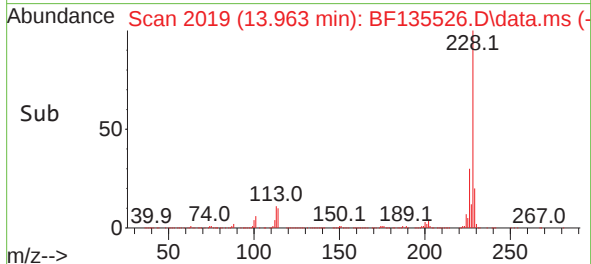
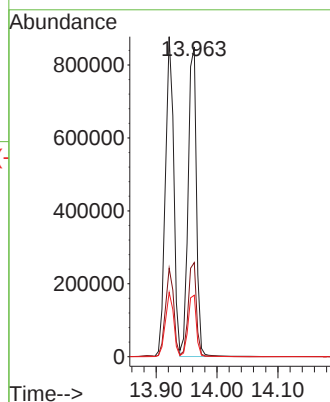
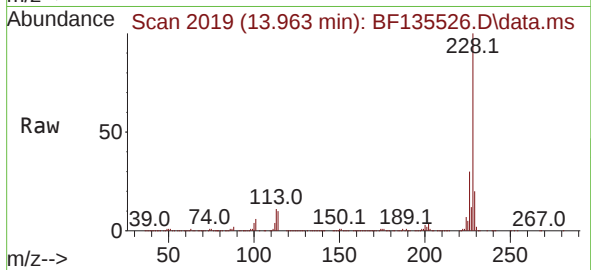
PB155966BS

Tgt Ion:228	Resp: 803764
Ion Ratio	Lower Upper
228 100	
226 30.4	24.3 36.5
229 19.8	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.800 ng

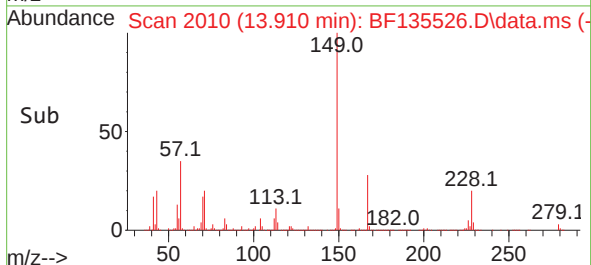
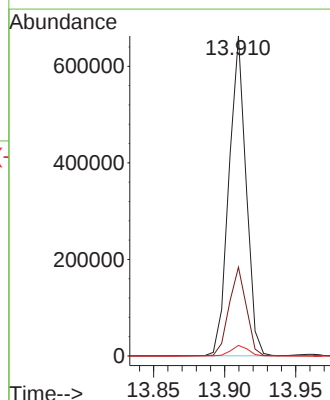
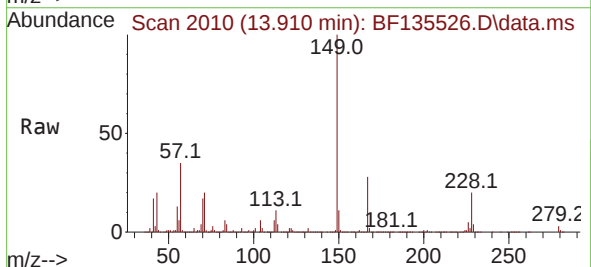
RT: 13.910 min Scan# 2010

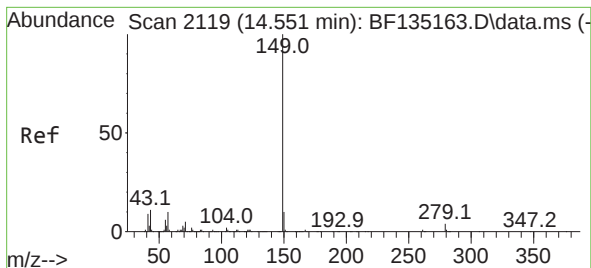
Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:149	Resp: 556987
Ion Ratio	Lower Upper
149 100	
167 27.7	21.9 32.9
279 3.3	3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.103 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

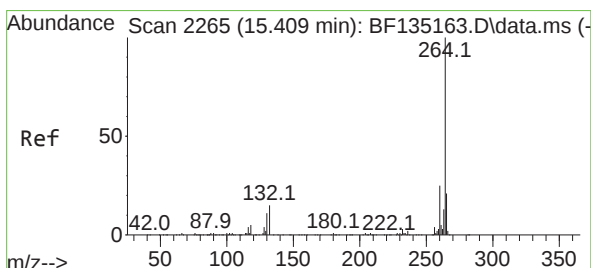
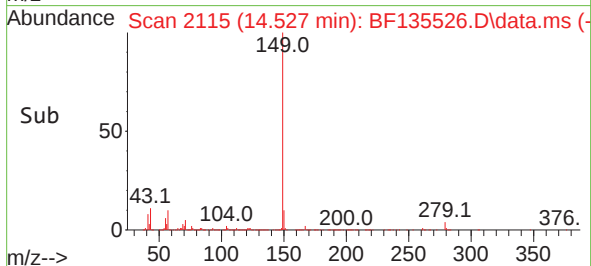
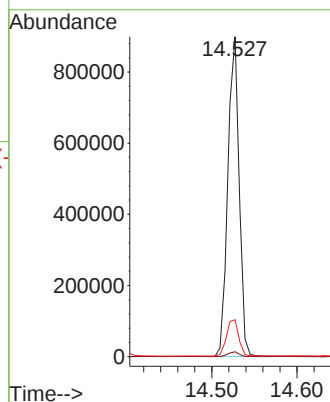
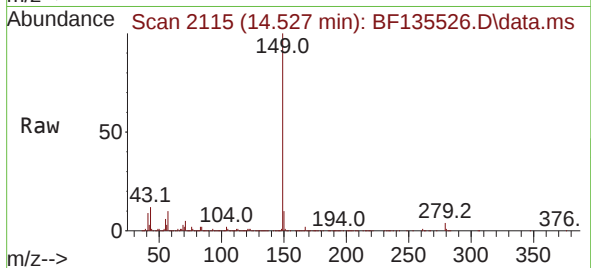
Tgt Ion:149 Resp: 829514
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :mohammad ahmed 10/04/2023



#86

Perylene-d12

Concen: 20.000 ng

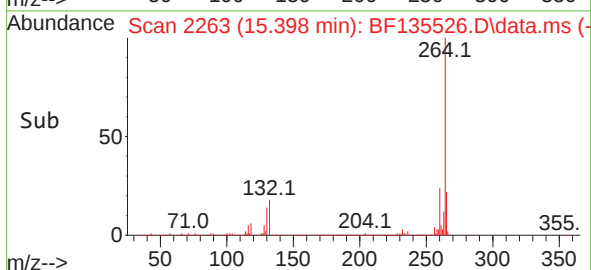
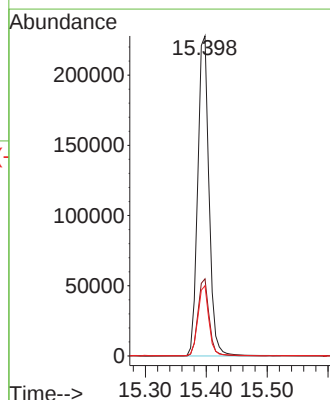
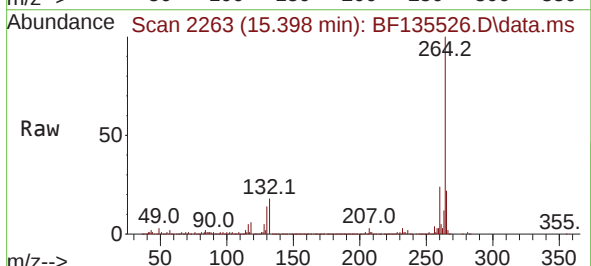
RT: 15.398 min Scan# 2263

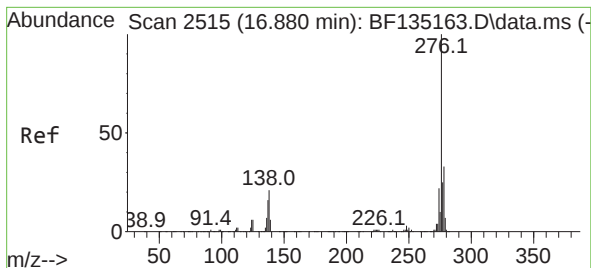
Delta R.T. 0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:264 Resp: 292831
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.867 ng

RT: 16.886 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

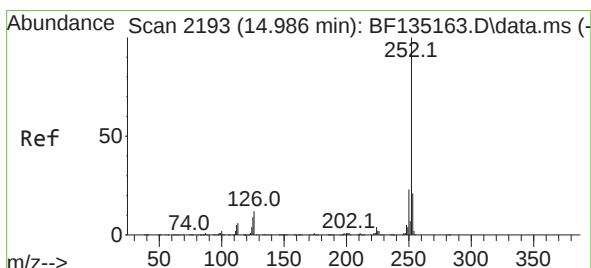
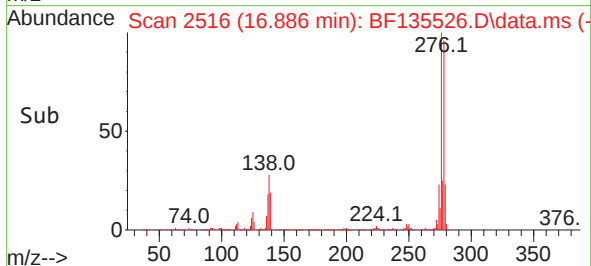
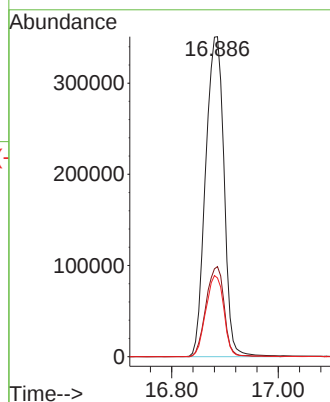
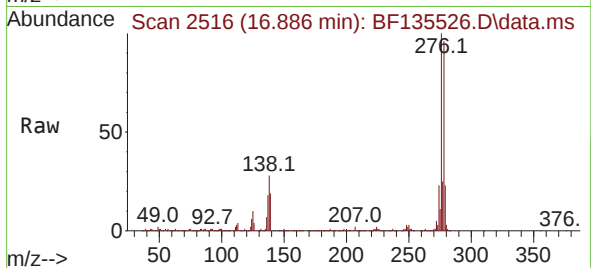
PB155966BS

Tgt Ion:276 Resp: 842238
 Ion Ratio Lower Upper
 276 100
 138 27.8 19.2 28.8
 277 24.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023



#88

Benzo(b)fluoranthene

Concen: 46.210 ng

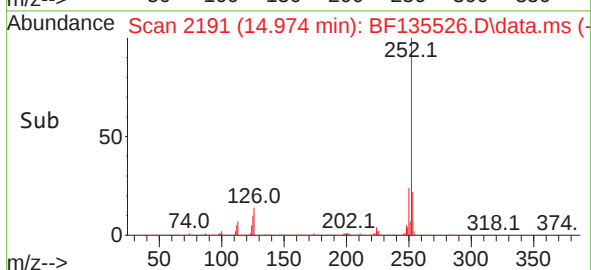
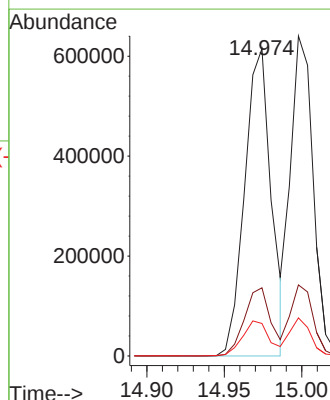
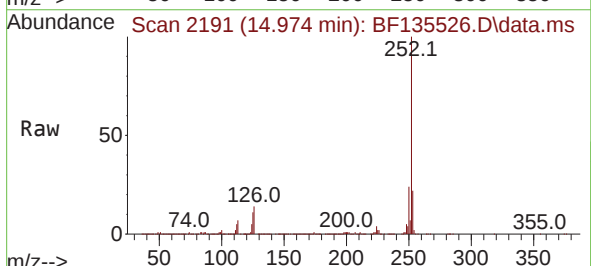
RT: 14.974 min Scan# 2191

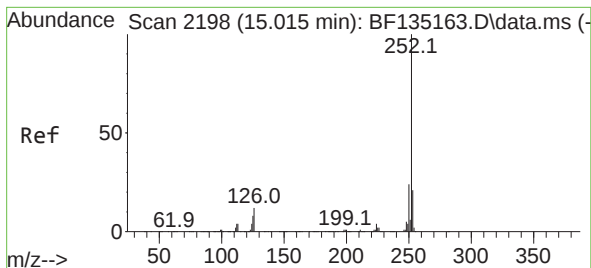
Delta R.T. 0.006 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:252 Resp: 732522
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 10.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.780 ng

RT: 14.974 min Scan# 2198

Delta R.T. -0.024 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

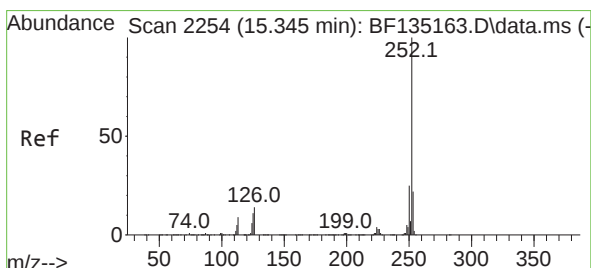
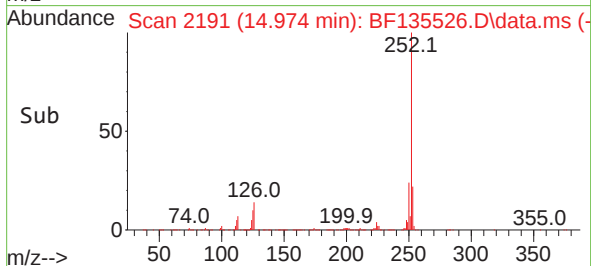
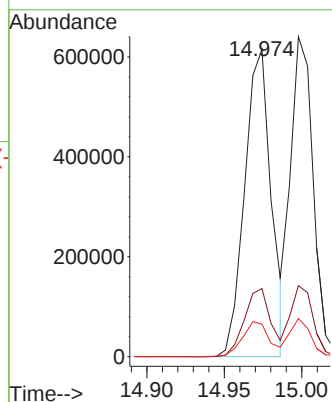
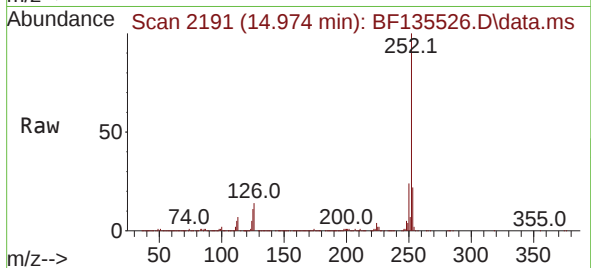
PB155966BS

Tgt Ion:252 Resp: 73252
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.0
 125 10.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/04/2023



#90

Benzo(a)pyrene

Concen: 43.495 ng

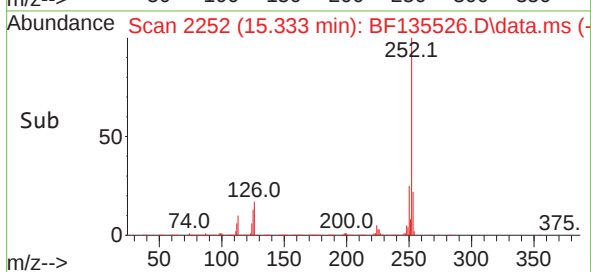
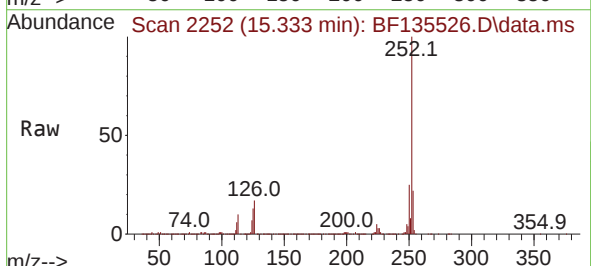
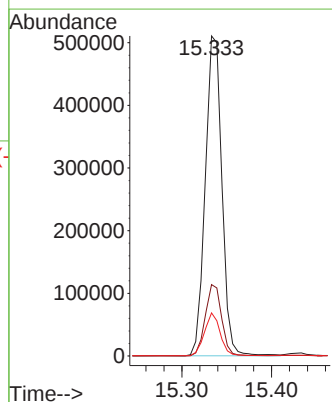
RT: 15.333 min Scan# 2252

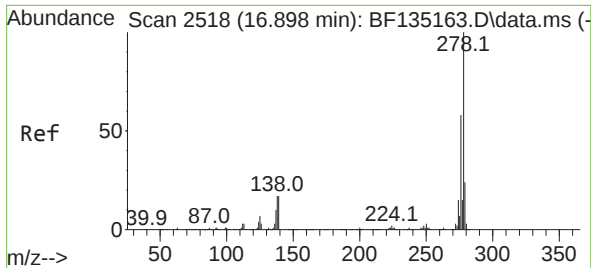
Delta R.T. 0.000 min

Lab File: BF135526.D

Acq: 02 Oct 2023 14:25

Tgt Ion:252 Resp: 657509
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 13.4 9.2 13.8





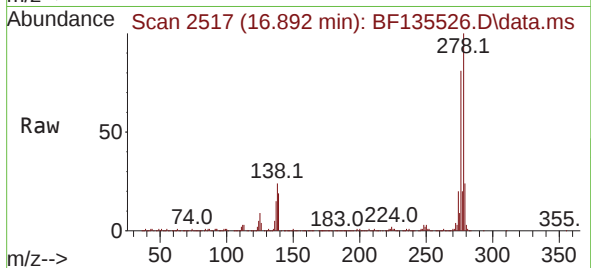
#91
Dibenzo(a,h)anthracene
Concen: 42.765 ng
RT: 16.892 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25

Instrument :

BNA_F

ClientSampleId :

PB155966BS

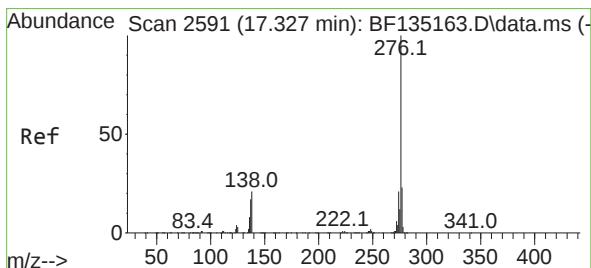
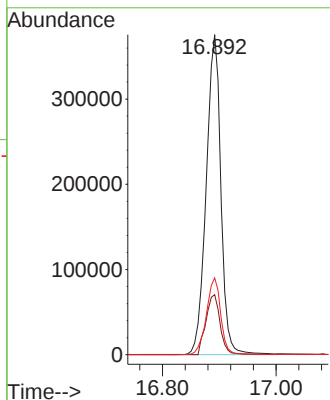
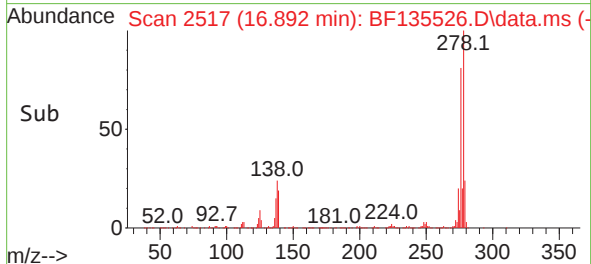


Tgt Ion: 278 Resp: 671824
Ion Ratio Lower Upper
278 100
139 18.7 13.4 20.0
279 24.0 19.0 28.6

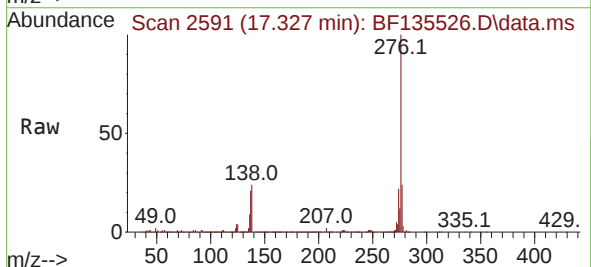
Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 10/03/2023
Supervised By : mohammad ahmed 10/04/2023



#92
Benzo(g,h,i)perylene
Concen: 42.972 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.006 min
Lab File: BF135526.D
Acq: 02 Oct 2023 14:25



Tgt Ion: 276 Resp: 705032
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 24.2 16.9 25.3

