

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139626.D
 Acq On : 03 Oct 2024 12:44
 Operator : RC/JU
 Sample : PB163843BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163843BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 13:26:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112426	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438819	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	257586	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	489896	20.000	ng	0.00
76) Chrysene-d12	14.033	240	270474	20.000	ng	0.00
86) Perylene-d12	15.504	264	247526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	821900	126.710	ng	0.02
7) Phenol-d6	6.504	99	1107769	126.996	ng	0.00
23) Nitrobenzene-d5	7.434	82	724380	83.578	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	312832	125.808	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1347044	80.282	ng	0.00
79) Terphenyl-d14	12.980	244	1494491	90.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	102772	36.647	ng	99
3) Pyridine	3.487	79	274392	40.231	ng	99
4) n-Nitrosodimethylamine	3.452	42	188586	42.242	ng	97
6) Aniline	6.534	93	343712	44.405	ng	98
8) 2-Chlorophenol	6.657	128	311212	44.782	ng	97
9) Benzaldehyde	6.416	77	113752	24.618	ng	98
10) Phenol	6.522	94	404579	44.110	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	302010	40.440	ng	98
12) 1,3-Dichlorobenzene	6.810	146	312454	39.967	ng	99
13) 1,4-Dichlorobenzene	6.887	146	319178	40.310	ng	100
14) 1,2-Dichlorobenzene	7.040	146	308289	41.543	ng	98
15) Benzyl Alcohol	7.016	79	298242	44.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	548316	42.411	ng	89
17) 2-Methylphenol	7.128	107	253136	43.632	ng	97
18) Hexachloroethane	7.381	117	118214	40.027	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	235449	41.984	ng	99
20) 3+4-Methylphenols	7.281	107	320941	44.042	ng	94
22) Acetophenone	7.281	105	426744	40.969	ng	98
24) Nitrobenzene	7.451	77	356826	39.759	ng	99
25) Isophorone	7.693	82	648040	42.097	ng	100
26) 2-Nitrophenol	7.769	139	166696	43.205	ng	99
27) 2,4-Dimethylphenol	7.804	122	245473m	51.971	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	377713	41.090	ng	99
29) 2,4-Dichlorophenol	8.010	162	263032	42.695	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	270577	38.836	ng	99
31) Naphthalene	8.175	128	913717	40.725	ng	100
32) Benzoic acid	7.940	122	204182	43.475	ng	98
33) 4-Chloroaniline	8.222	127	160534	21.138	ng	99
34) Hexachlorobutadiene	8.287	225	174776	38.764	ng	99
35) Caprolactam	8.598	113	90314m	44.695	ng	
36) 4-Chloro-3-methylphenol	8.710	107	304343	43.640	ng	99
37) 2-Methylnaphthalene	8.863	142	604917	41.397	ng	100
38) 1-Methylnaphthalene	8.963	142	562963	39.414	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283901	39.691	ng	98
41) Hexachlorocyclopentadiene	9.016	237	331482	151.138	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	200836	41.651	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	216484	41.631	ng	98
46) 1,1'-Biphenyl	9.328	154	768116	40.093	ng	99
47) 2-Chloronaphthalene	9.357	162	570824	39.744	ng	98
48) 2-Nitroaniline	9.451	65	223617	43.372	ng	99
49) Acenaphthylene	9.769	152	951490	43.562	ng	100
50) Dimethylphthalate	9.634	163	714930	42.399	ng	100
51) 2,6-Dinitrotoluene	9.698	165	155710	40.879	ng	95
52) Acenaphthene	9.939	154	686602m	45.790	ng	
53) 3-Nitroaniline	9.863	138	107568	27.635	ng	99
54) 2,4-Dinitrophenol	9.975	184	185423	90.506	ng	99
55) Dibenzofuran	10.116	168	869697	41.425	ng	100
56) 4-Nitrophenol	10.034	139	263833	88.882	ng	96
57) 2,4-Dinitrotoluene	10.098	165	214498	43.082	ng	98
58) Fluorene	10.457	166	681928	40.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	184098	43.833	ng	100
60) Diethylphthalate	10.334	149	739516	42.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	337283	40.317	ng	99
62) 4-Nitroaniline	10.481	138	166629	41.850	ng	99
63) Azobenzene	10.610	77	748186	42.717	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	126310	45.651	ng	96
66) n-Nitrosodiphenylamine	10.569	169	611877	42.373	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	205135	40.840	ng	99
68) Hexachlorobenzene	11.004	284	227159	40.756	ng	99
69) Atrazine	11.098	200	202739	52.328	ng	99
70) Pentachlorophenol	11.198	266	265009	79.850	ng	98
71) Phenanthrene	11.422	178	982200	42.521	ng	100
72) Anthracene	11.475	178	993859	43.491	ng	100
73) Carbazole	11.628	167	919625	41.900	ng	100
74) Di-n-butylphthalate	11.951	149	1154490	43.256	ng	100
75) Fluoranthene	12.604	202	1038083	41.111	ng	99
77) Benzidine	12.727	184	370230	77.603	ng	100
78) Pyrene	12.833	202	1049726	43.393	ng	99
80) Butylbenzylphthalate	13.451	149	404676	46.768	ng	98
81) Benzo(a)anthracene	14.022	228	795465	44.733	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	175324	32.215	ng	100
83) Chrysene	14.063	228	674100	41.463	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	529697	49.024	ng	99
85) Di-n-octyl phthalate	14.621	149	770527	48.542	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	658875	45.225	ng	100
88) Benzo(b)fluoranthene	15.074	252	615541	38.460	ng	99
89) Benzo(k)fluoranthene	15.104	252	612506	45.116	ng	99
90) Benzo(a)pyrene	15.439	252	573715	45.462	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	543187	44.953	ng	99
92) Benzo(g,h,i)perylene	17.427	276	491155	40.529	ng	100

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

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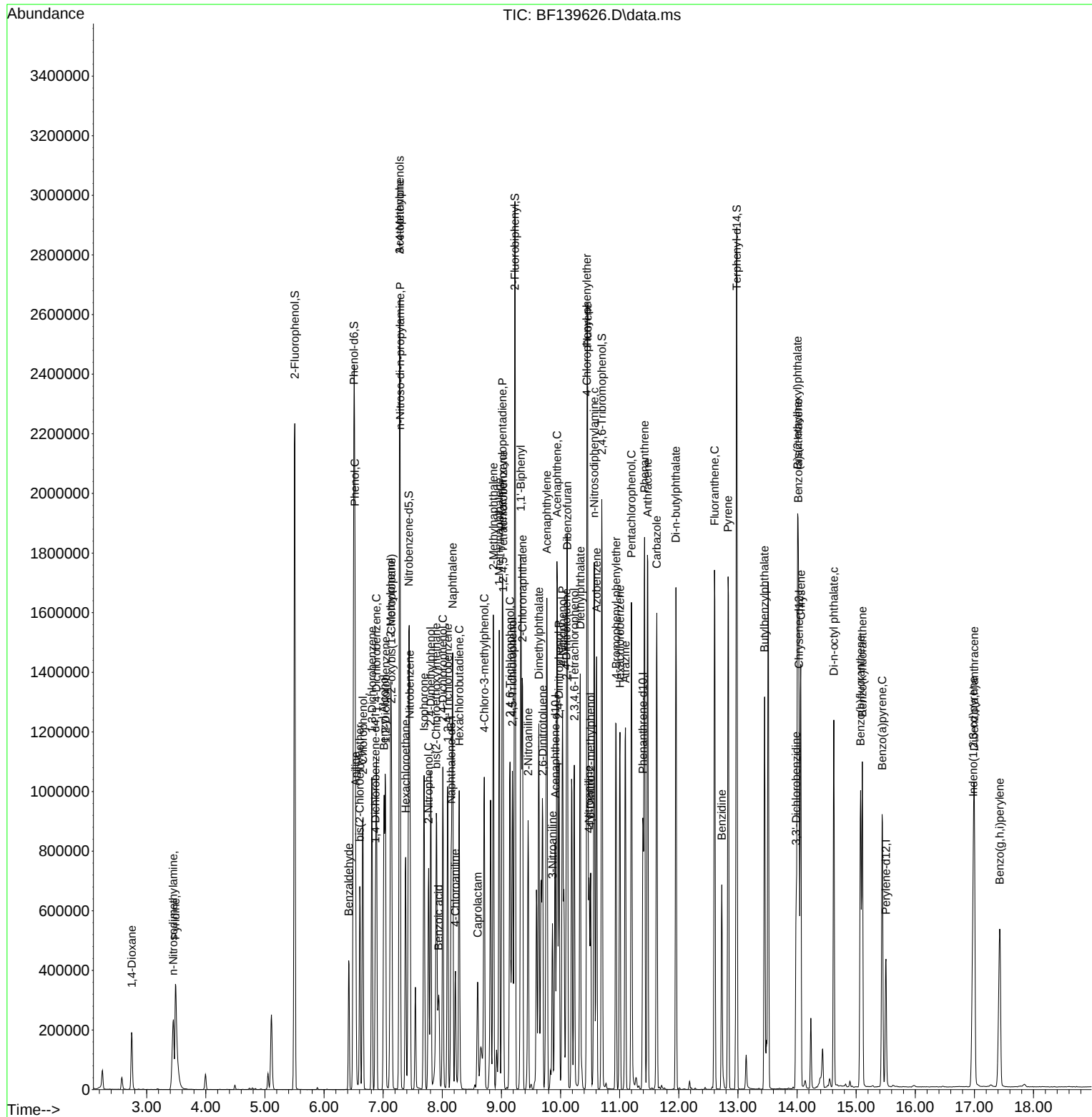
Quant Time: Oct 03 13:26:10 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M

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QLast Update : Wed Oct 02 04:58:47 2024

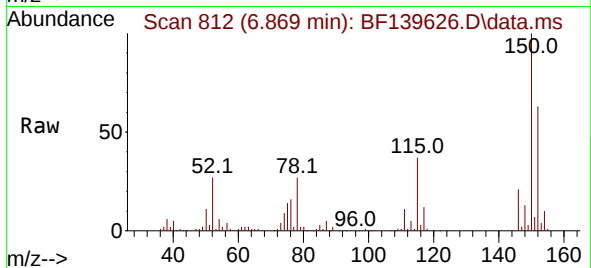
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

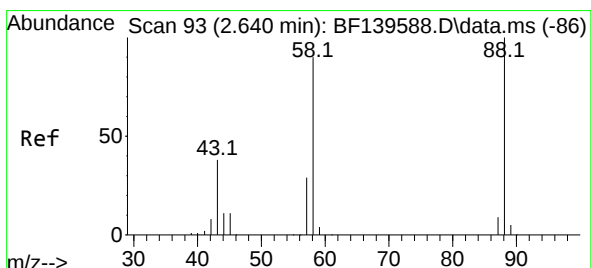
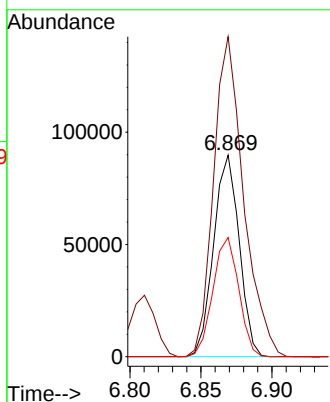
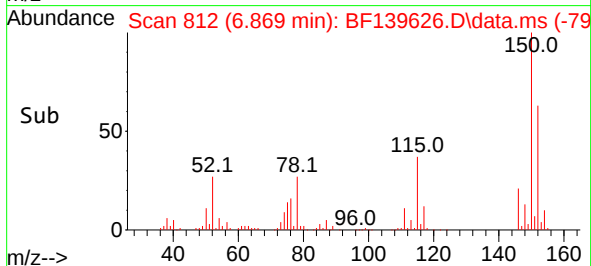
Instrument :
BNA_F
ClientSampleId :
PB163843BS



Tgt Ion:152 Resp: 112420
Ion Ratio Lower Upper
152 100
150 158.8 127.2 190.8
115 59.1 49.0 73.4

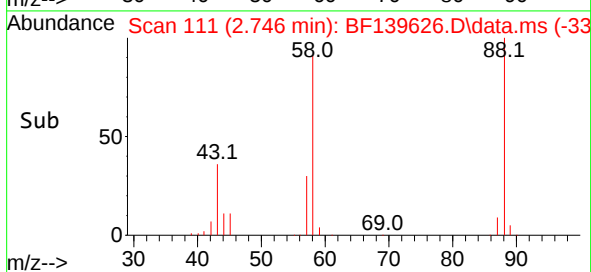
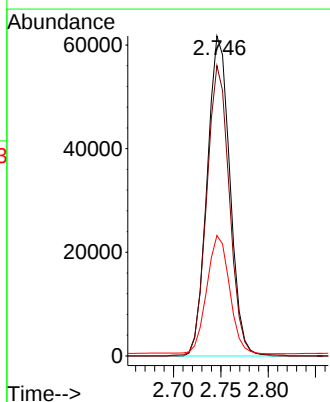
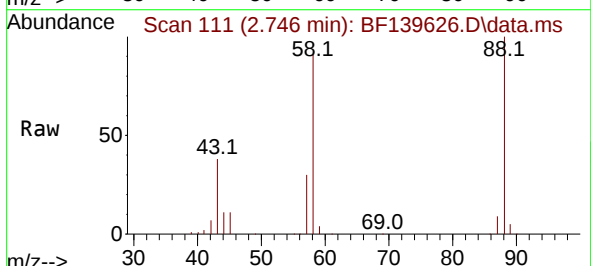
Manual Integrations
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Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#2
1,4-Dioxane
Concen: 36.647 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion: 88 Resp: 102772
Ion Ratio Lower Upper
88 100
58 90.8 72.0 108.0
43 37.0 30.8 46.2





#3

Pyridine

Concen: 40.231 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion: 79 Resp: 274392

Ion Ratio Lower Upper

79 100

52 90.0 72.6 109.0

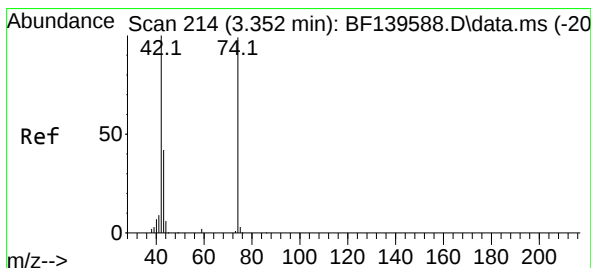
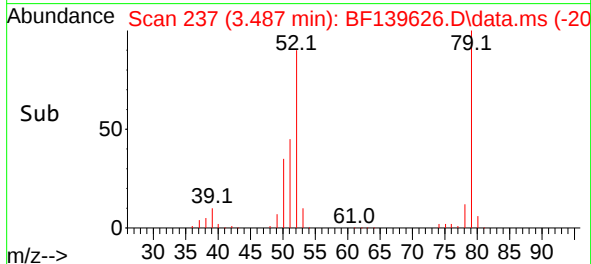
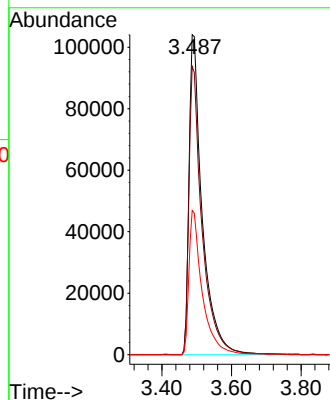
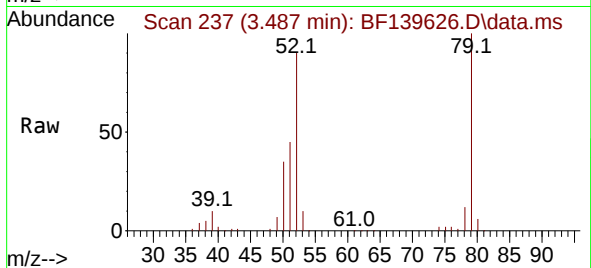
51 45.1 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.242 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.100 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

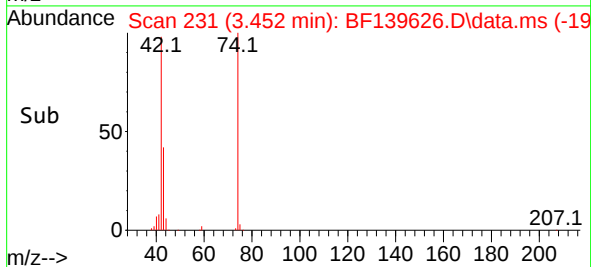
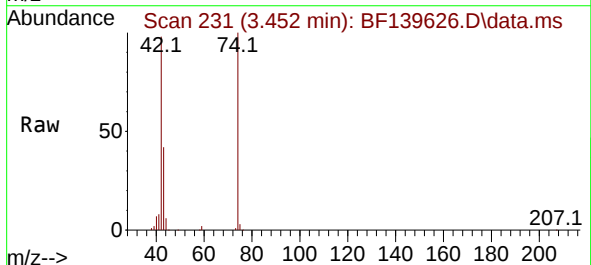
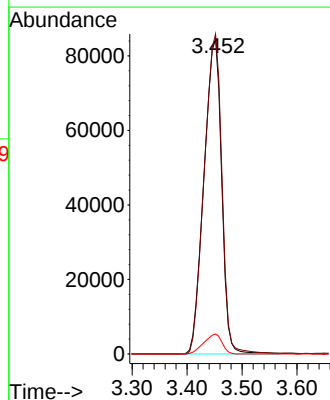
Tgt Ion: 42 Resp: 188586

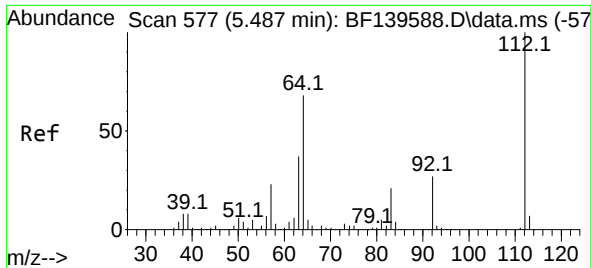
Ion Ratio Lower Upper

42 100

74 101.6 79.0 118.6

44 6.3 5.2 7.8





#5
2-Fluorophenol
Concen: 126.710 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

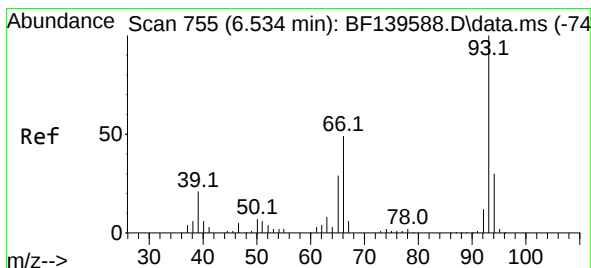
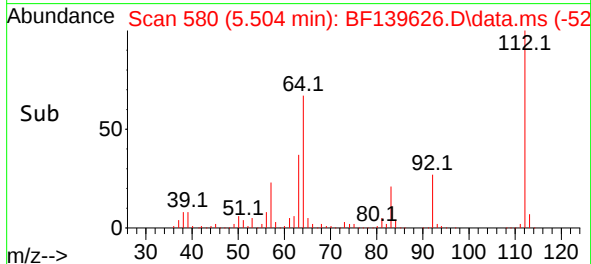
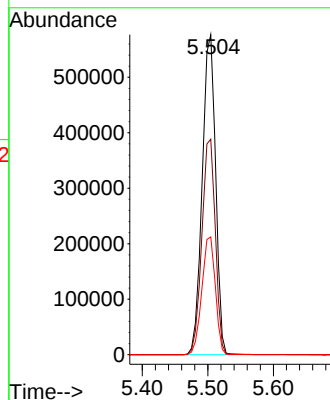
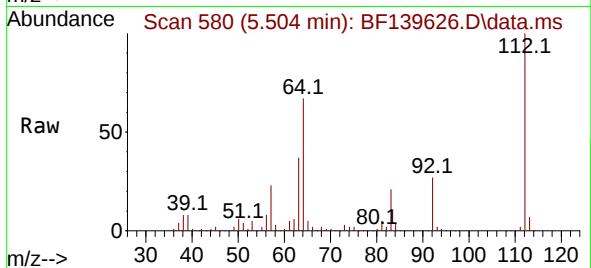
ClientSampleId :

PB163843BS

Tgt Ion:112 Resp: 821900
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 36.8 29.4 44.2

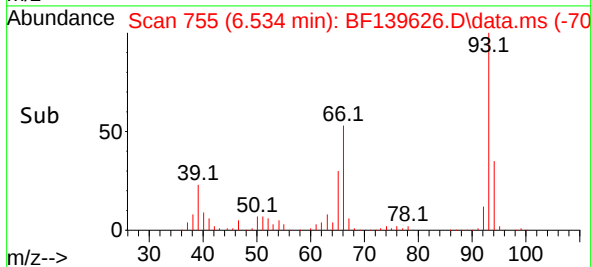
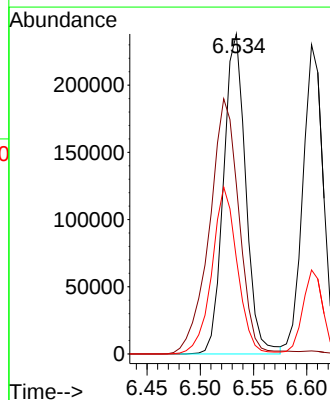
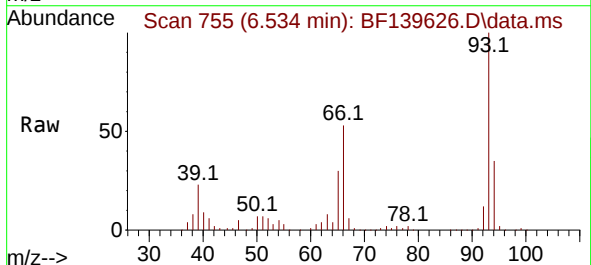
Manual Integrations
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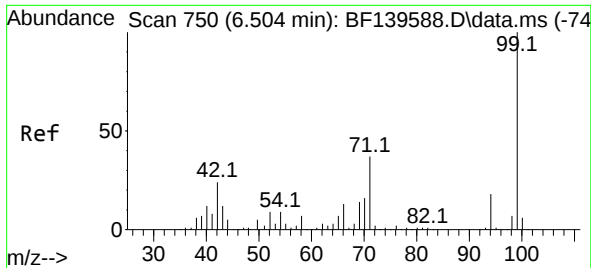
Reviewed By :Yogesh Patel 10/04/2024
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#6
Aniline
Concen: 44.405 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

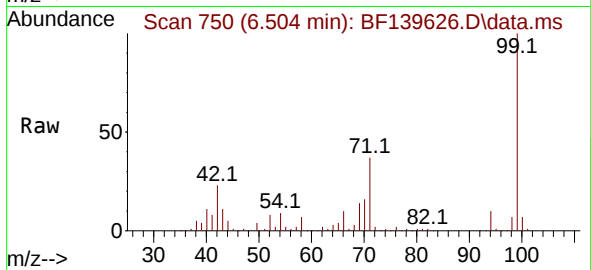
Tgt Ion: 93 Resp: 343712
Ion Ratio Lower Upper
93 100
66 53.0 40.9 61.3
65 29.8 23.3 34.9





#7
Phenol-d6
Concen: 126.996 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

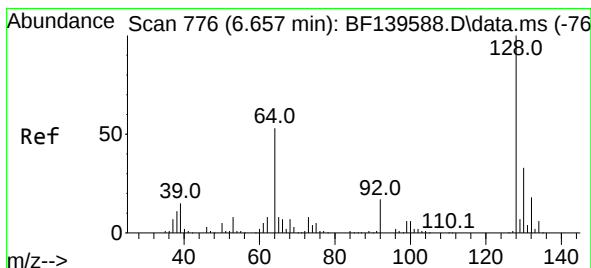
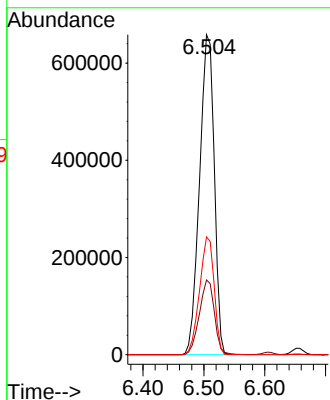
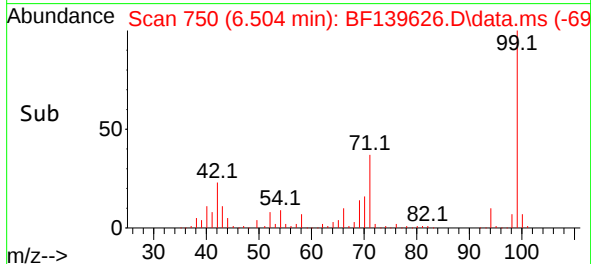
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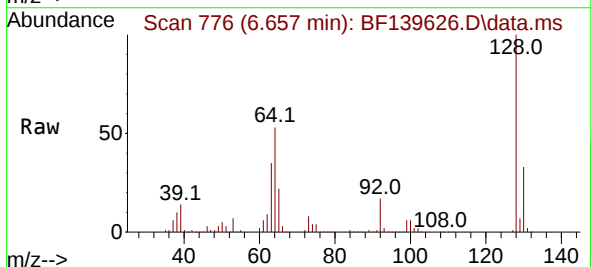
Tgt Ion: 99 Resp: 1107769
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 36.8 29.7 44.5

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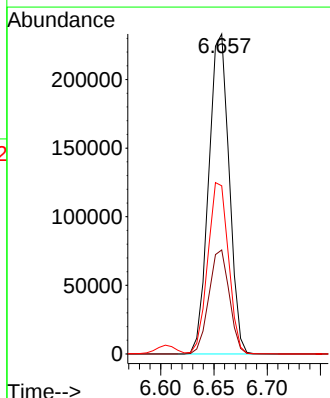
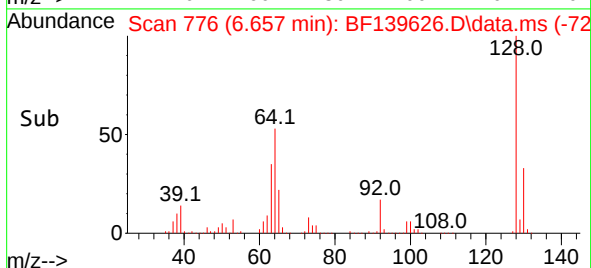
Reviewed By :Yogesh Patel 10/04/2024
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#8
2-Chlorophenol
Concen: 44.782 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:128 Resp: 311212
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 52.6 35.1 75.1





#9
Benzaldehyde
Concen: 24.618 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

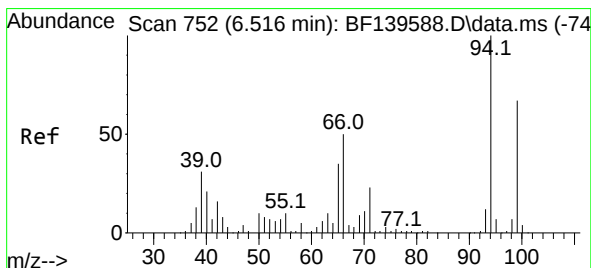
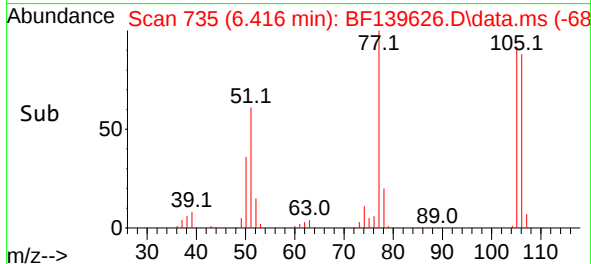
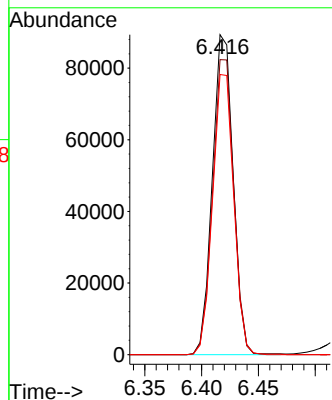
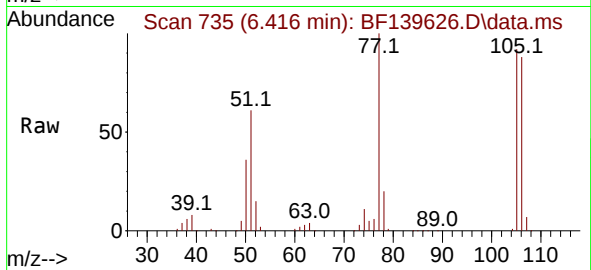
PB163843BS

Tgt Ion: 77 Resp: 113752
Ion Ratio Lower Upper
77 100
105 92.2 72.7 112.7
106 87.6 70.1 110.1

Manual Integrations

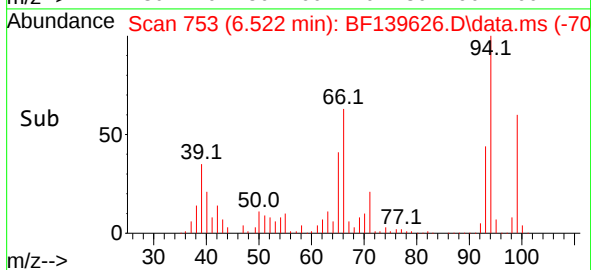
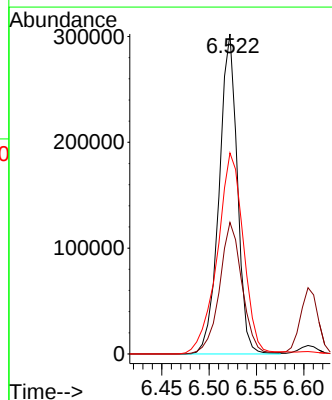
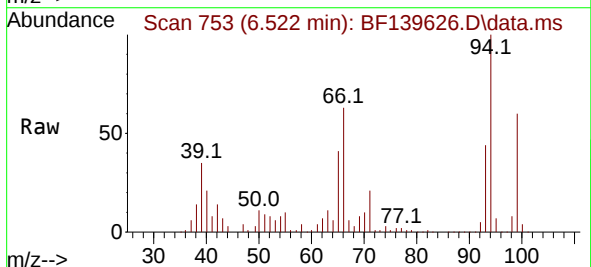
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
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#10
Phenol
Concen: 44.110 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion: 94 Resp: 404579
Ion Ratio Lower Upper
94 100
65 41.1 15.3 55.3
66 62.8 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 40.440 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion: 93 Resp: 302010

Ion Ratio Lower Upper

93 100

63 86.1 64.1 104.1

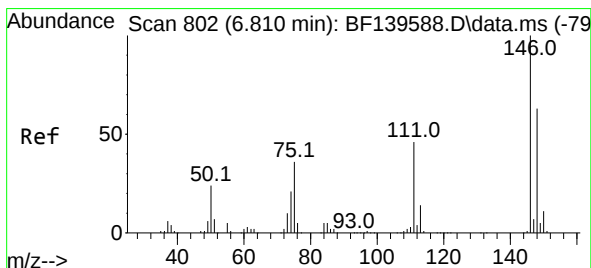
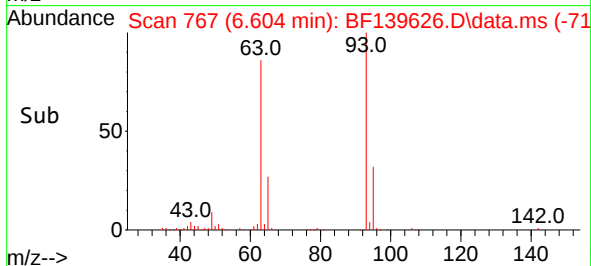
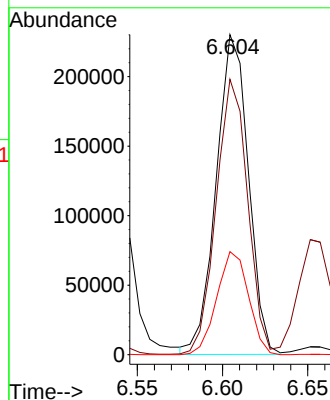
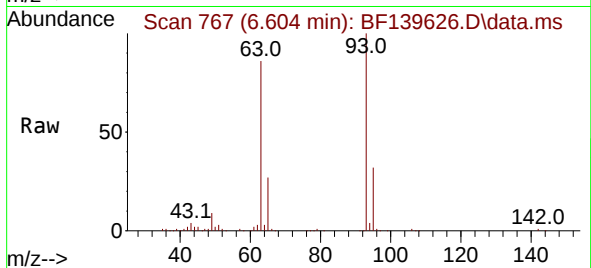
95 32.2 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#12

1,3-Dichlorobenzene

Concen: 39.967 ng

RT: 6.810 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

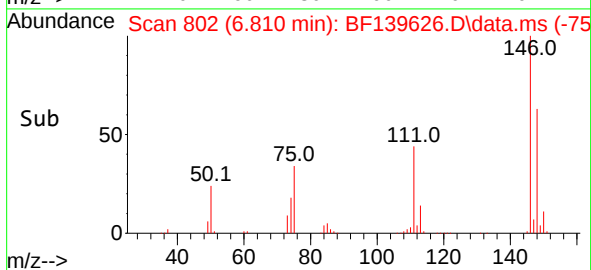
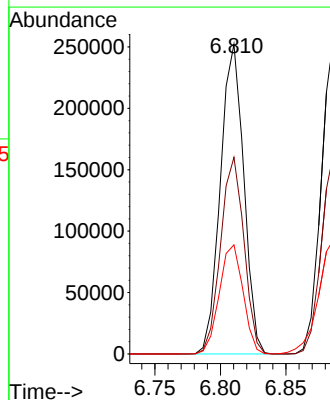
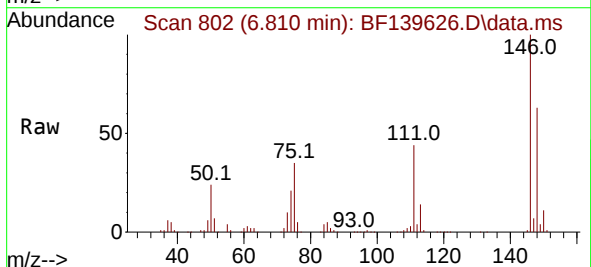
Tgt Ion:146 Resp: 312454

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.4

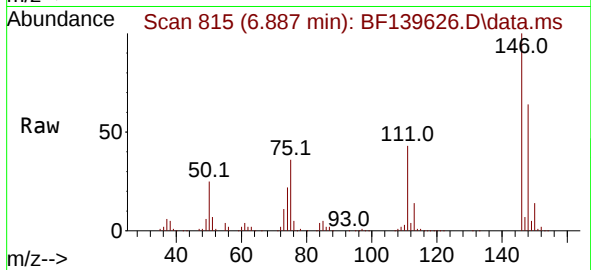
75 35.2 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 40.310 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

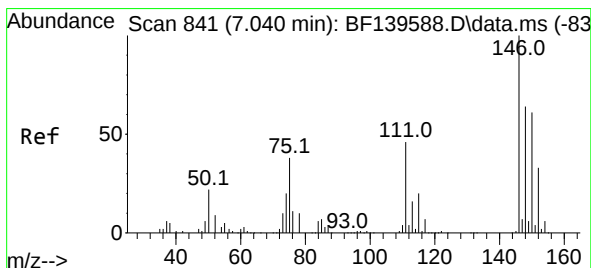
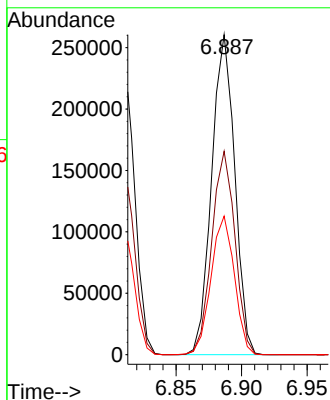
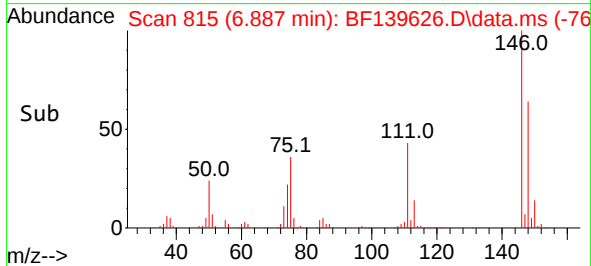
Instrument :
BNA_F
ClientSampleId :
PB163843BS



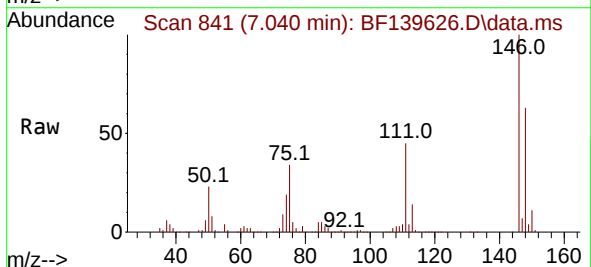
Tgt Ion:146 Resp: 319178
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.3 34.9 52.3

Manual Integrations
APPROVED

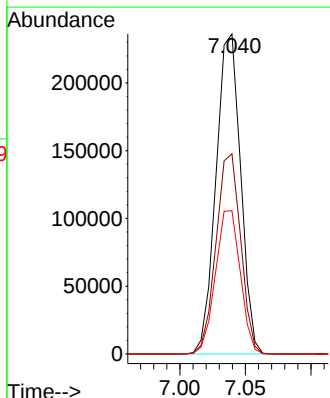
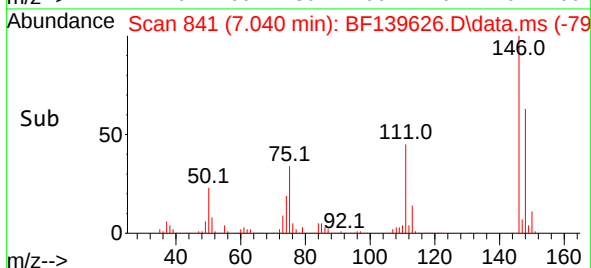
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#14
1,2-Dichlorobenzene
Concen: 41.543 ng
RT: 7.040 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:146 Resp: 308289
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 44.7 37.0 55.6





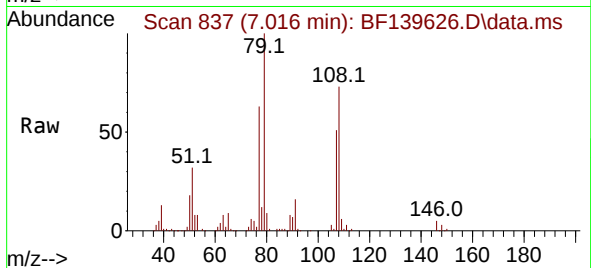
#15
Benzyl Alcohol
Concen: 44.749 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

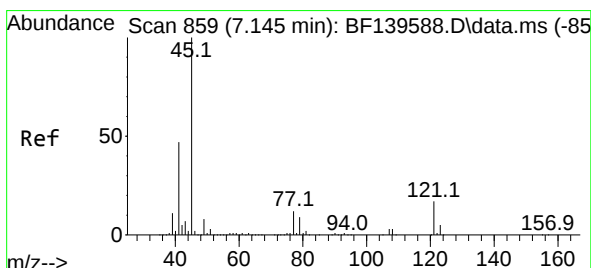
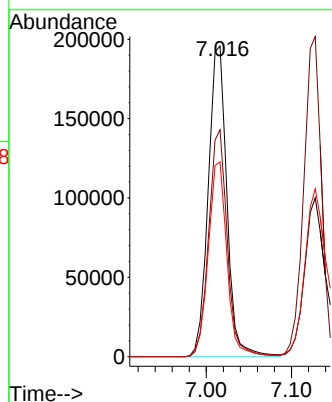
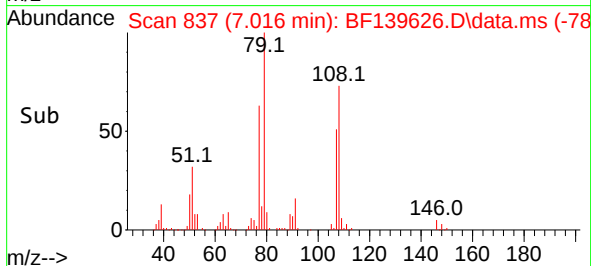


Tgt Ion: 79 Resp: 29824
Ion Ratio Lower Upper
79 100
108 73.0 55.1 82.7
77 62.7 50.8 76.2

Manual Integrations

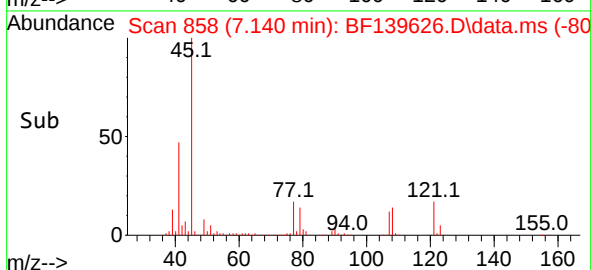
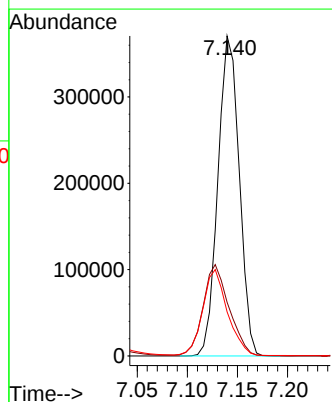
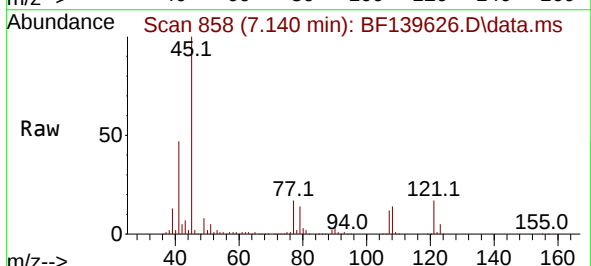
APPROVED

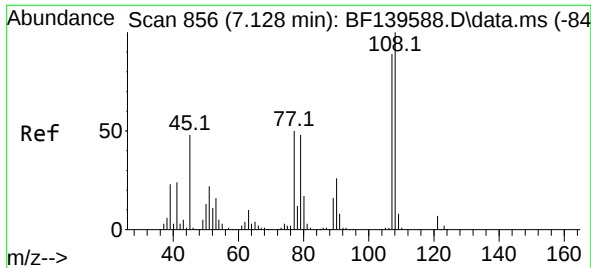
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.411 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion: 45 Resp: 548316
Ion Ratio Lower Upper
45 100
77 16.8 0.0 32.5
79 13.8 0.0 29.7





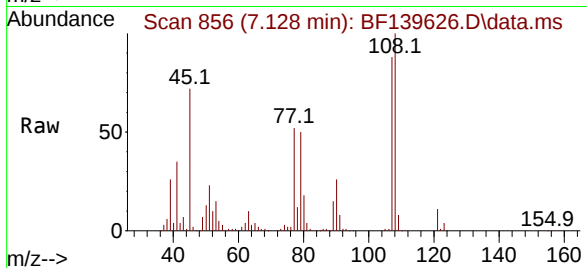
#17
2-Methylphenol
Concen: 43.632 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

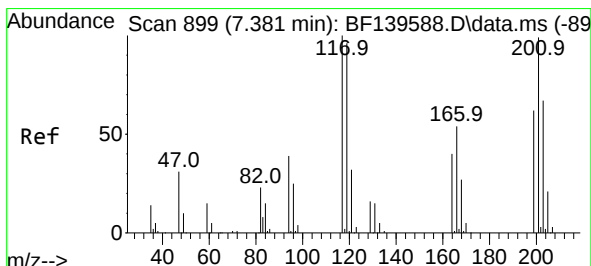
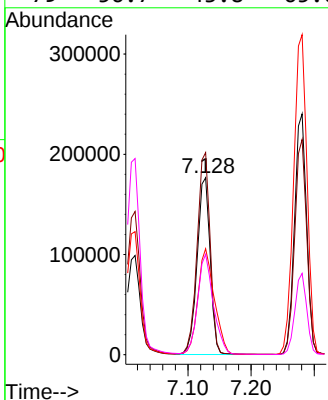
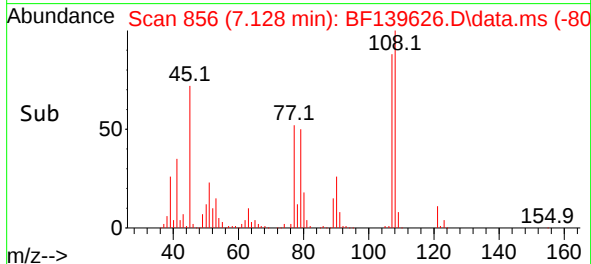


Tgt Ion:107 Resp: 253130
Ion Ratio Lower Upper
107 100
108 114.2 89.8 134.6
77 59.9 44.6 67.0
79 56.7 43.8 65.6

Manual Integrations

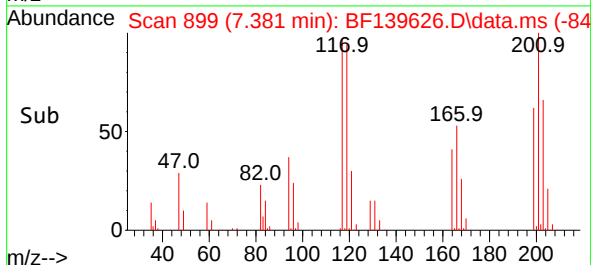
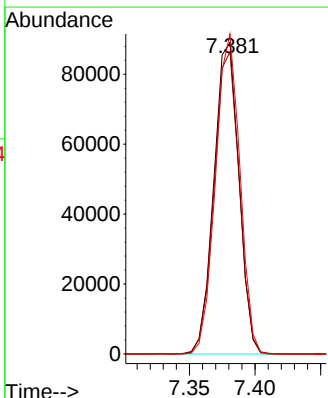
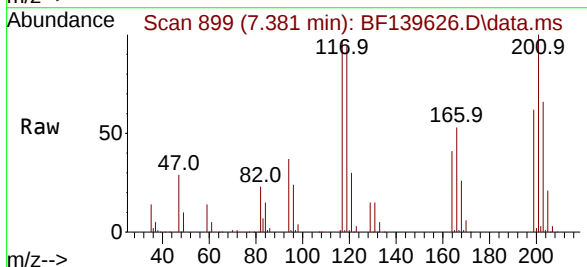
APPROVED

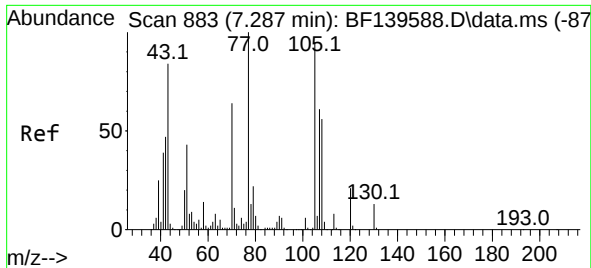
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 40.027 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:117 Resp: 118214
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.6
201 102.8 79.2 118.8





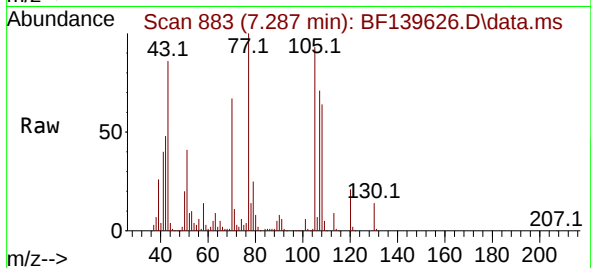
#19
n-Nitroso-di-n-propylamine
Concen: 41.984 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



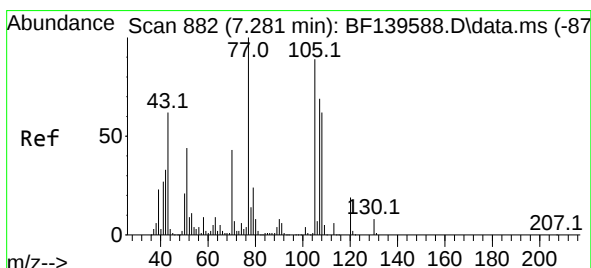
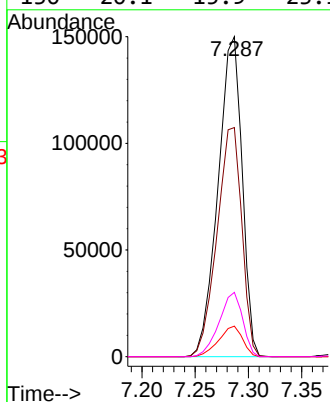
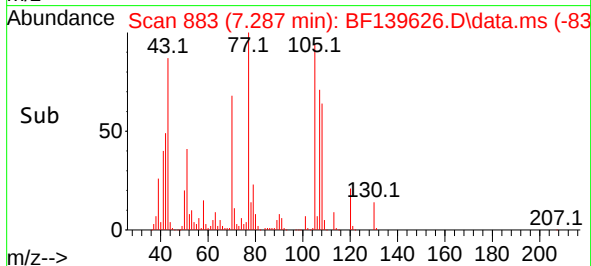
Tgt Ion: 70 Resp: 235449
Ion Ratio Lower Upper
70 100
42 71.6 58.0 87.0
101 9.5 7.8 11.8
130 20.1 15.9 23.9

Manual Integrations

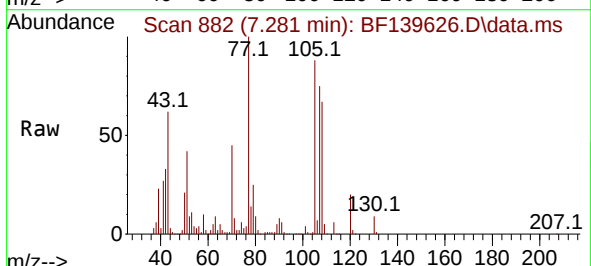
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

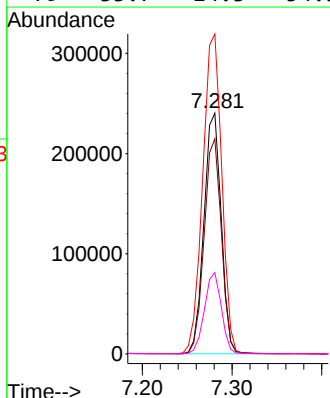
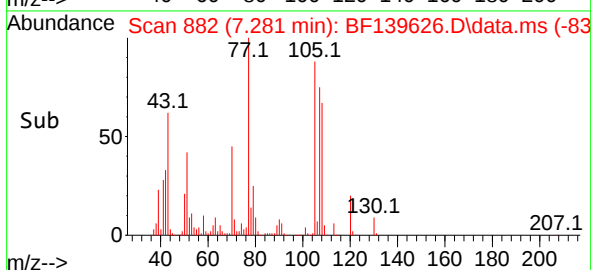
Supervised By :mohammad ahmed 10/05/2024



#20
3+4-Methylphenols
Concen: 44.042 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:107 Resp: 320941
Ion Ratio Lower Upper
107 100
108 89.4 70.2 110.2
77 132.9 125.3 165.3
79 33.7 14.3 54.3





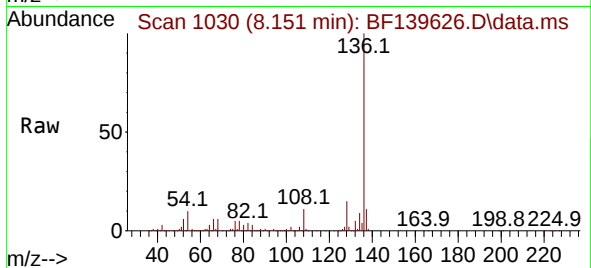
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



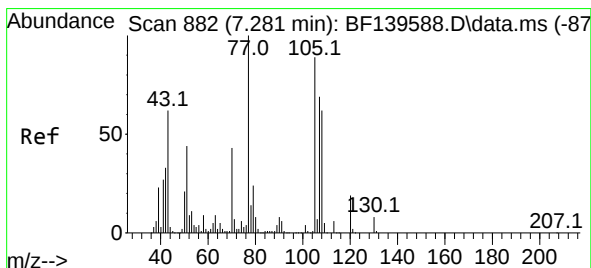
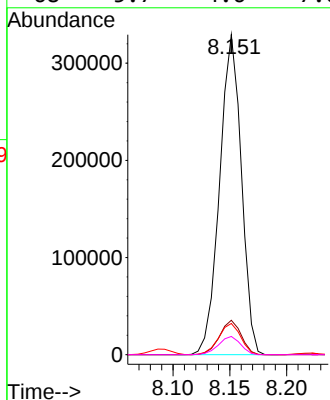
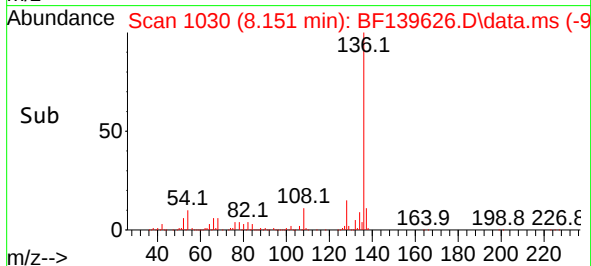
Tgt Ion:136 Resp: 438819
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.3 12.5
68 5.7 4.6 7.0

Manual Integrations

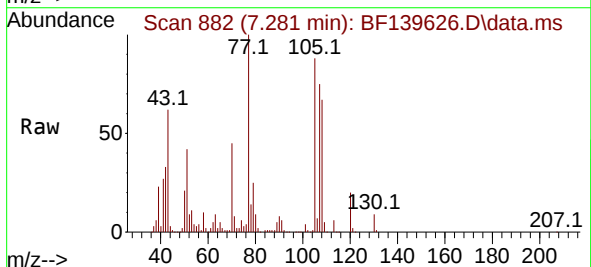
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

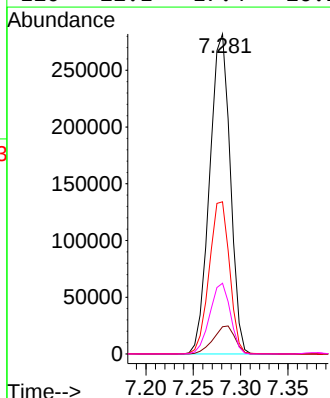
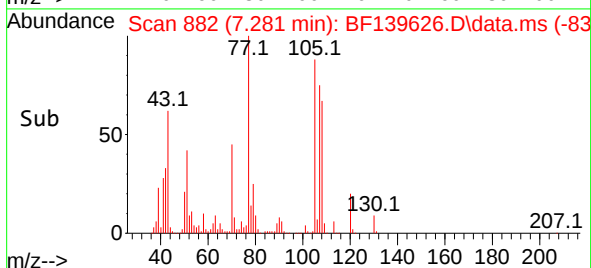
Supervised By :mohammad ahmed 10/05/2024

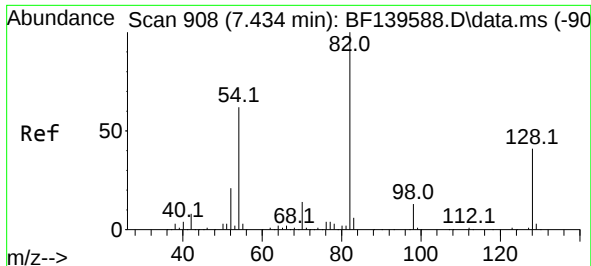


#22
Acetophenone
Concen: 40.969 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:105 Resp: 426744
Ion Ratio Lower Upper
105 100
71 8.5 6.6 10.0
51 47.6 39.4 59.0
120 22.1 17.4 26.2





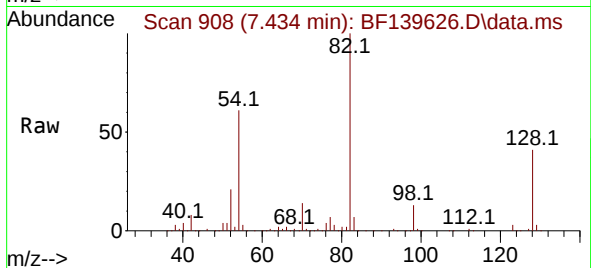
#23
Nitrobenzene-d5
Concen: 83.578 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

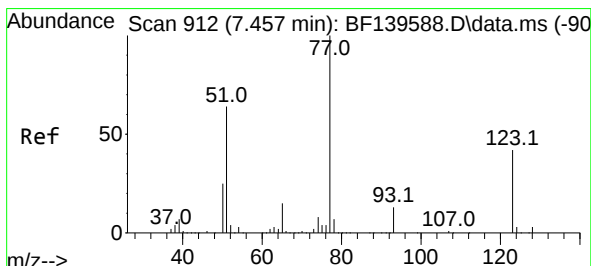
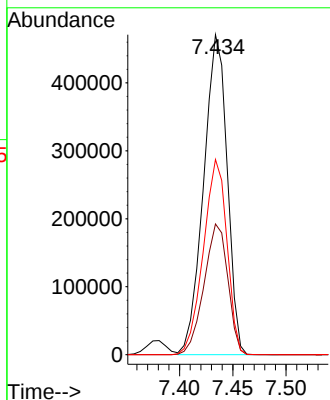
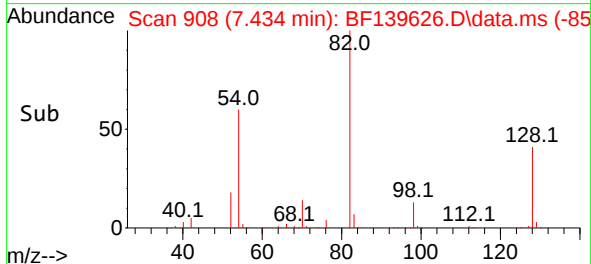


Tgt Ion: 82 Resp: 724380
Ion Ratio Lower Upper
82 100
128 40.8 32.4 48.6
54 61.0 49.1 73.7

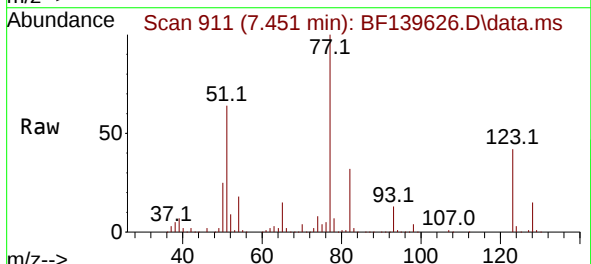
Manual Integrations

APPROVED

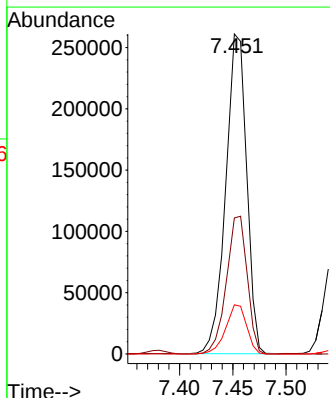
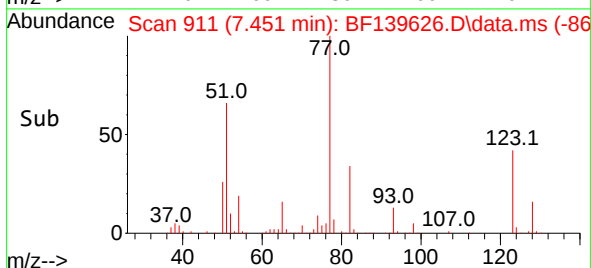
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#24
Nitrobenzene
Concen: 39.759 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



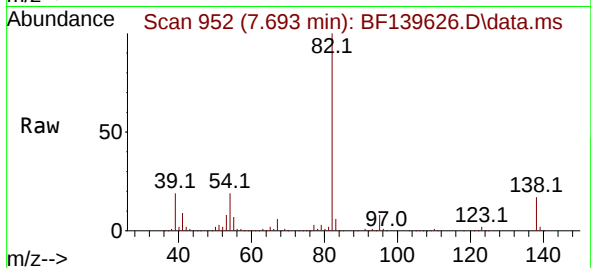
Tgt Ion: 77 Resp: 356826
Ion Ratio Lower Upper
77 100
123 42.5 34.2 51.4
65 15.3 12.1 18.1





#25
Isophorone
Concen: 42.097 ng
RT: 7.693 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

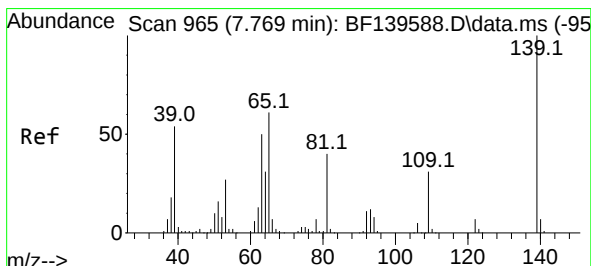
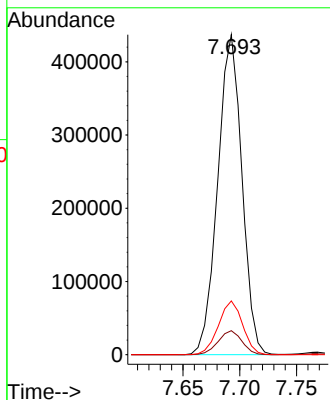
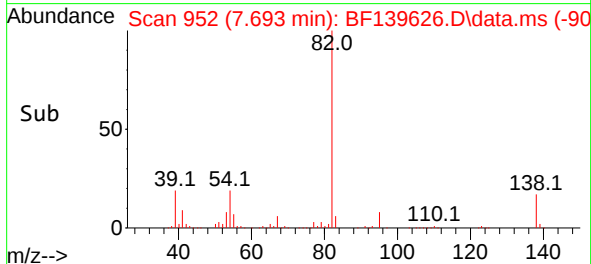
Instrument :
BNA_F
ClientSampleId :
PB163843BS



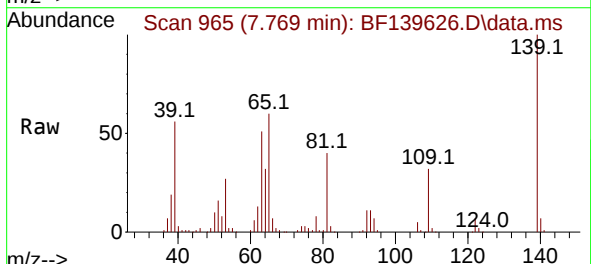
Tgt Ion: 82 Resp: 648040
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.8 13.4 20.2

Manual Integrations
APPROVED

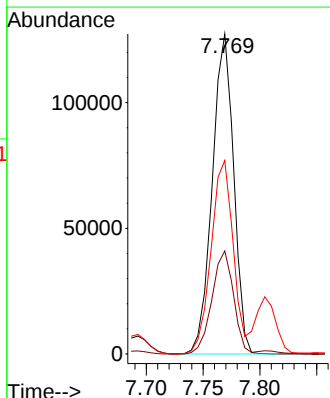
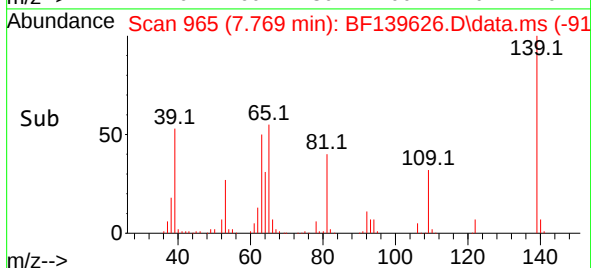
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

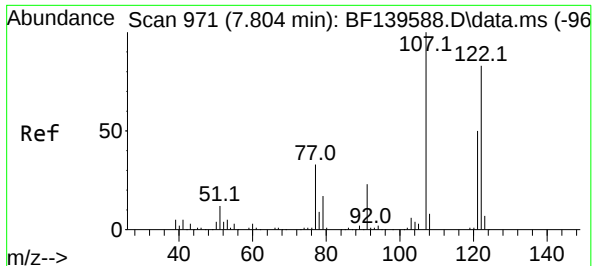


#26
2-Nitrophenol
Concen: 43.205 ng
RT: 7.769 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:139 Resp: 166696
Ion Ratio Lower Upper
139 100
109 32.2 24.9 37.3
65 60.5 48.6 72.8





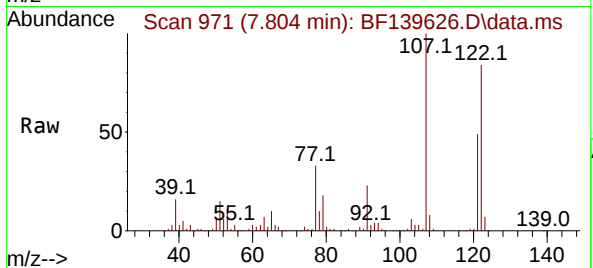
#27
2,4-Dimethylphenol
Concen: 51.971 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



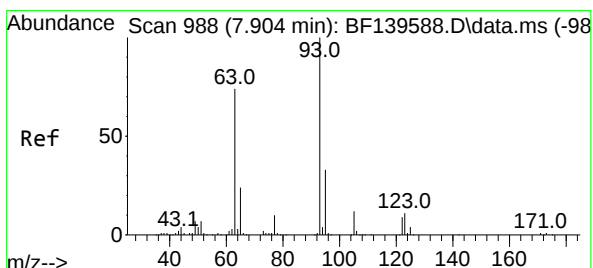
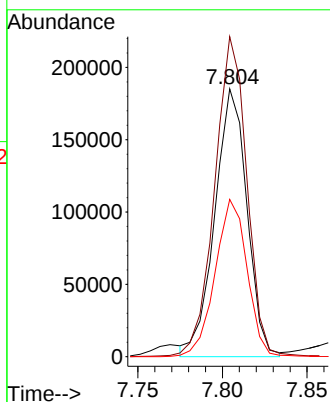
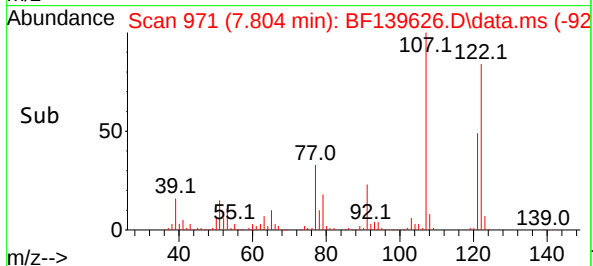
Tgt Ion:122 Resp: 24547
Ion Ratio Lower Upper
122 100
107 119.5 95.4 143.0
121 58.7 47.4 71.2

Manual Integrations

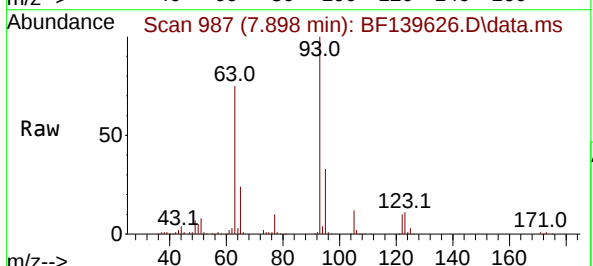
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

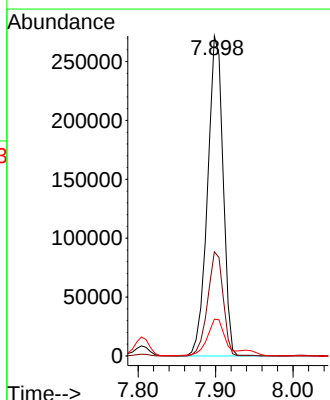
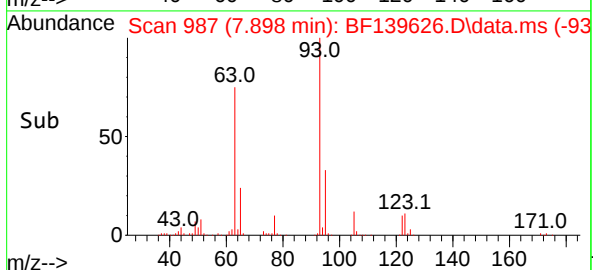
Supervised By :mohammad ahmed 10/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.090 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion: 93 Resp: 377713
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.5 9.4 14.0





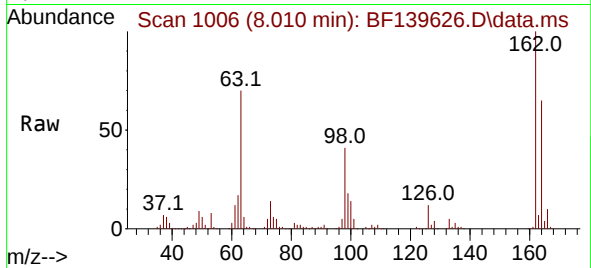
#29
2,4-Dichlorophenol
Concen: 42.695 ng
RT: 8.010 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



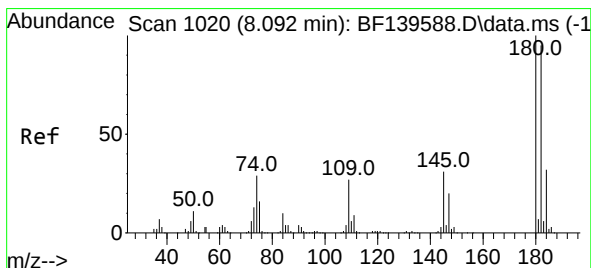
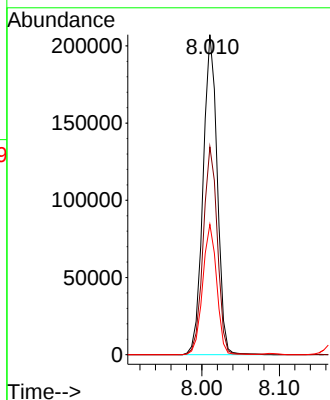
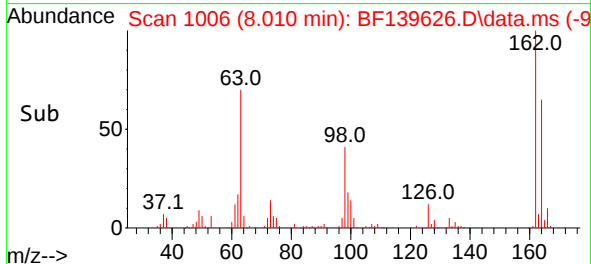
Tgt Ion:162 Resp: 263032
Ion Ratio Lower Upper
162 100
164 65.0 43.1 83.1
98 40.7 20.8 60.8

Manual Integrations

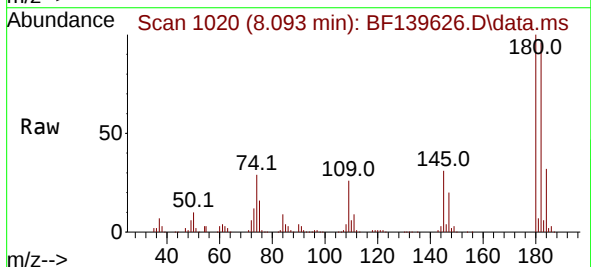
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

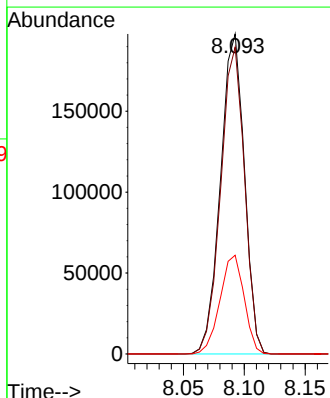
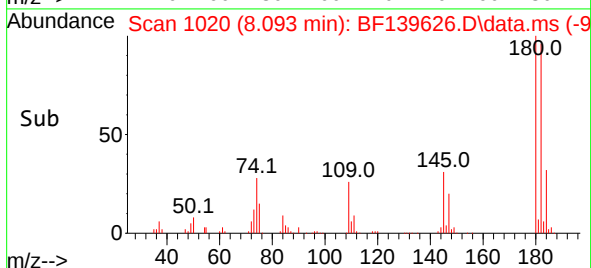
Supervised By :mohammad ahmed 10/05/2024

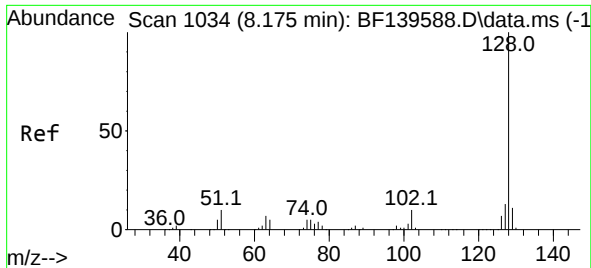


#30
1,2,4-Trichlorobenzene
Concen: 38.836 ng
RT: 8.093 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:180 Resp: 270577
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 30.9 25.0 37.6





#31
Naphthalene
Concen: 40.725 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

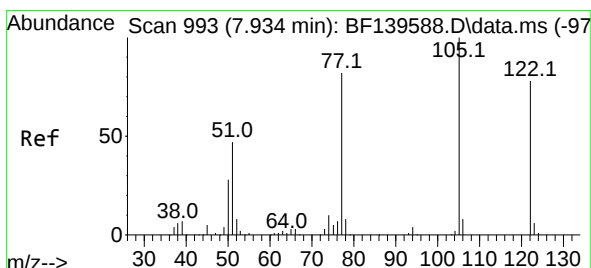
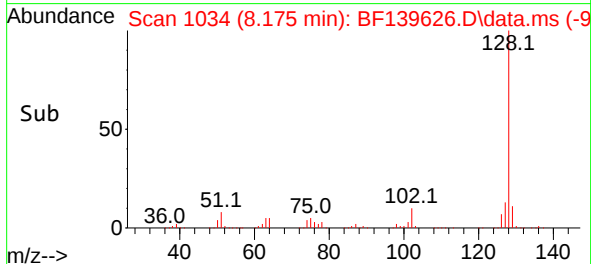
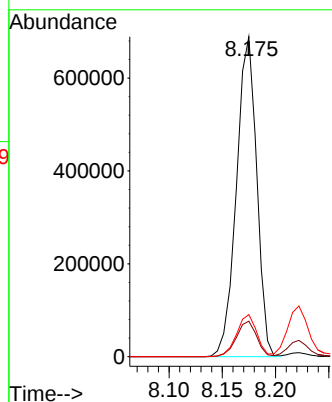
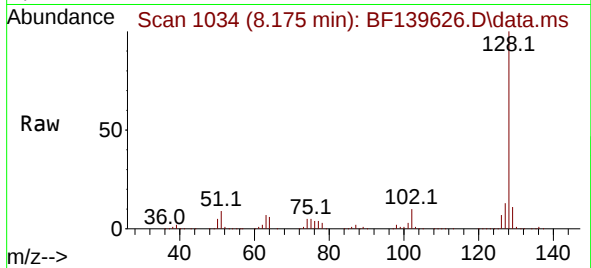
PB163843BS

Tgt Ion:128 Resp: 91371
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations

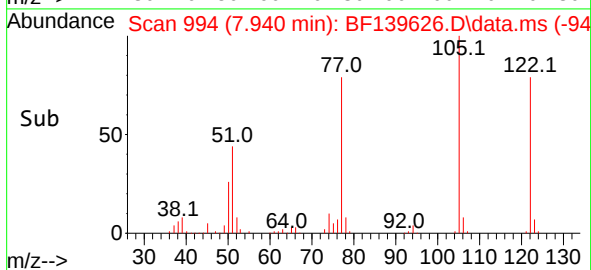
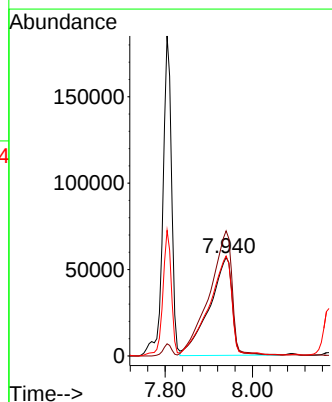
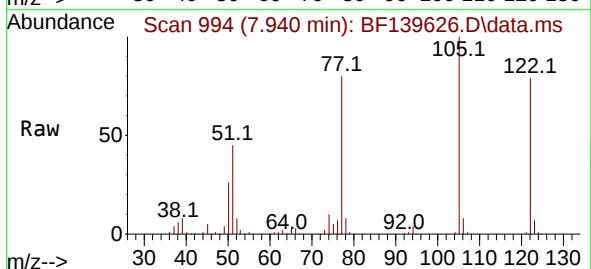
APPROVED

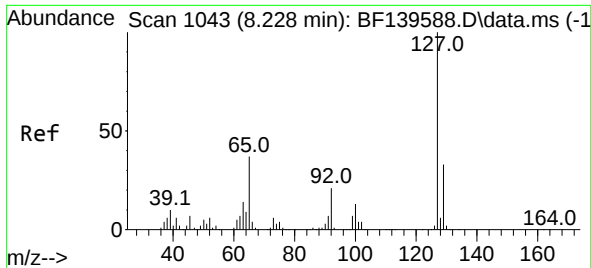
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 43.475 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:122 Resp: 204182
Ion Ratio Lower Upper
122 100
105 127.0 104.9 144.9
77 101.6 82.7 122.7





#33
4-Chloroaniline
Concen: 21.138 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

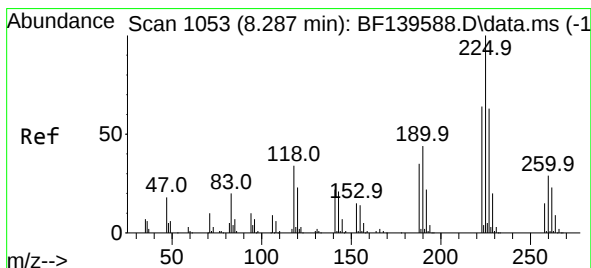
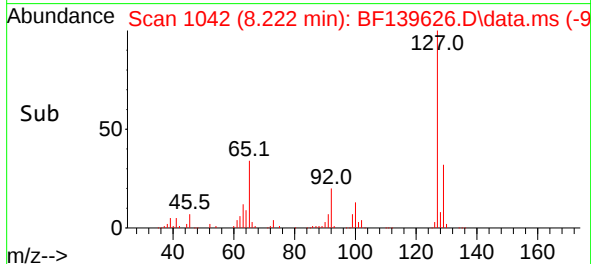
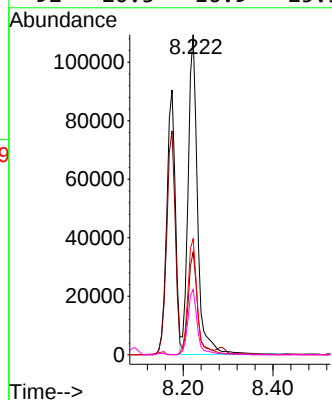
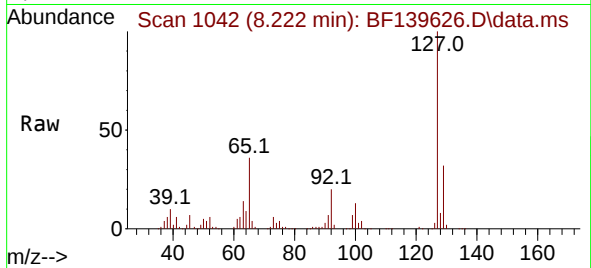
ClientSampleId :

PB163843BS

Tgt Ion:127 Resp: 160534
Ion Ratio Lower Upper
127 100
129 32.1 26.2 39.4
65 36.2 29.3 43.9
92 20.3 16.9 25.3

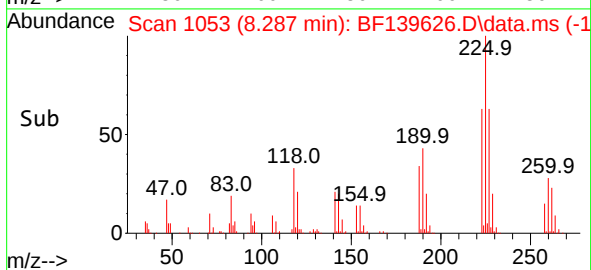
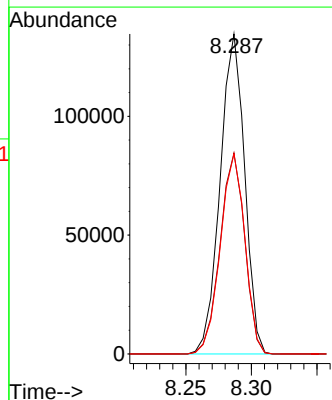
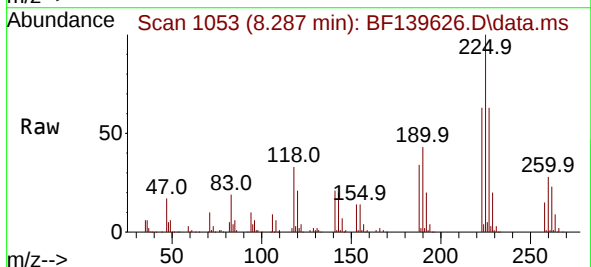
Manual Integrations
APPROVED

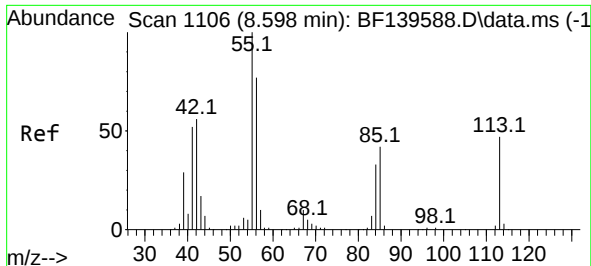
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 38.764 ng
RT: 8.287 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

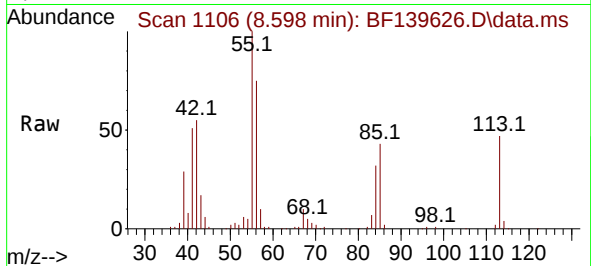
Tgt Ion:225 Resp: 174776
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 62.6 50.7 76.1





#35
Caprolactam
Concen: 44.695 ng m
RT: 8.598 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

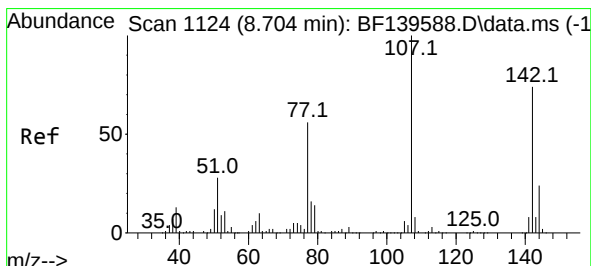
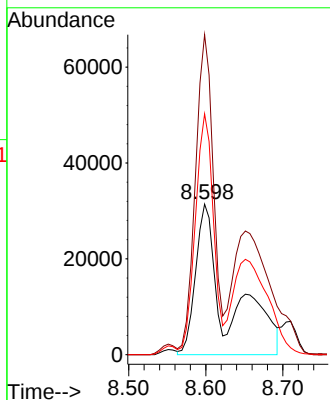
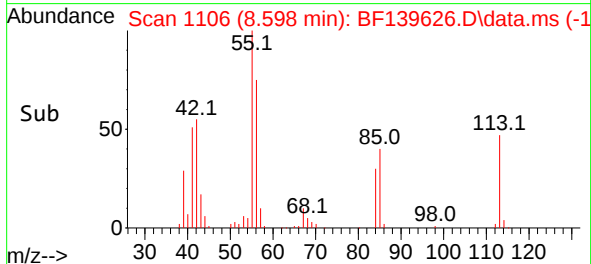
Instrument :
BNA_F
ClientSampleId :
PB163843BS



Tgt Ion:113 Resp: 90314
Ion Ratio Lower Upper
113 100
55 212.5 193.4 233.4
56 159.9 143.8 183.8

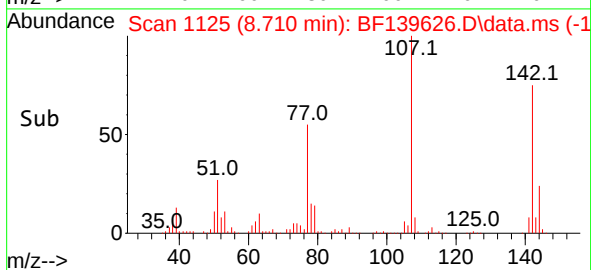
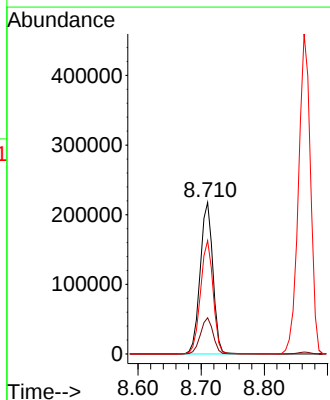
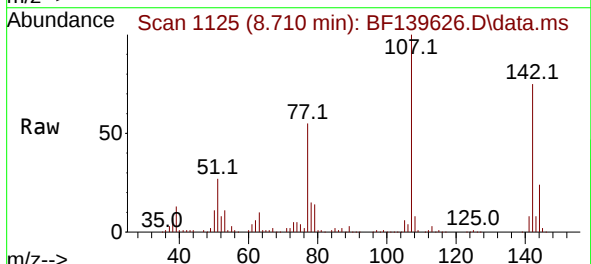
Manual Integrations
APPROVED

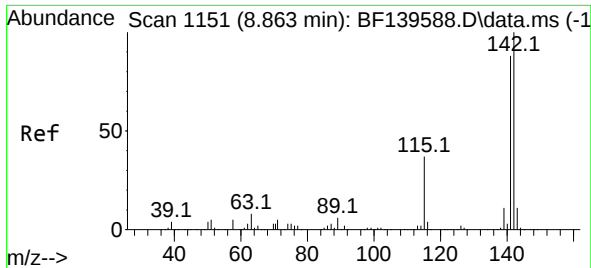
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
4-Chloro-3-methylphenol
Concen: 43.640 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:107 Resp: 304343
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 74.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.397 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion:142 Resp: 60491

Ion Ratio Lower Upper

142 100

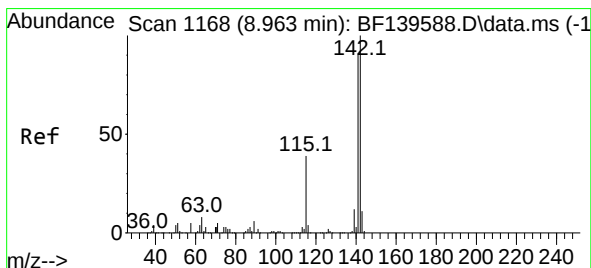
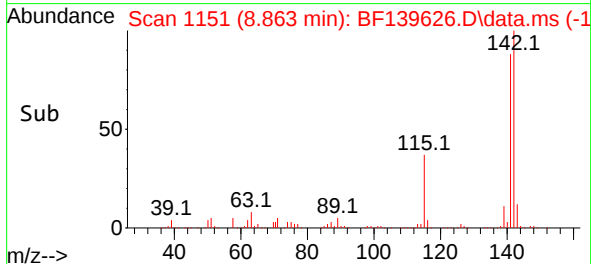
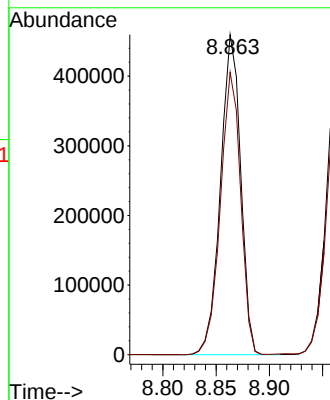
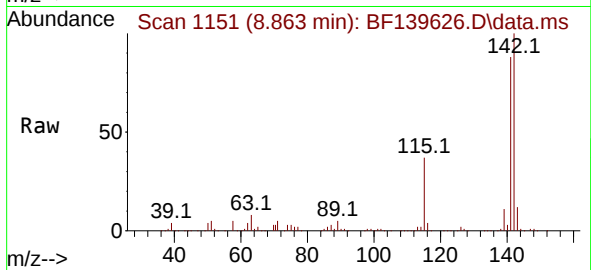
141 88.3 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#38

1-Methylnaphthalene

Concen: 39.414 ng

RT: 8.963 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF139626.D

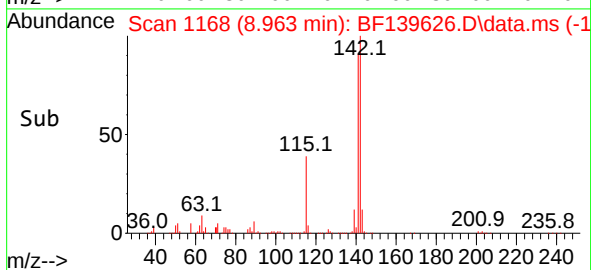
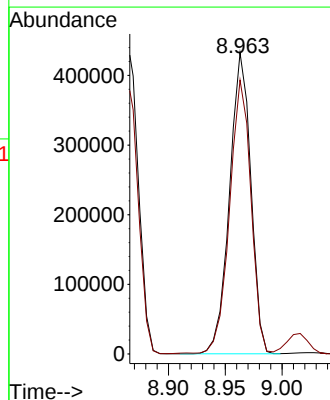
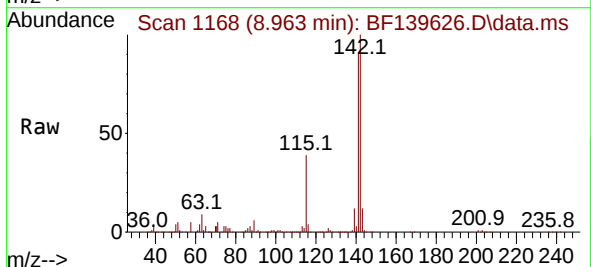
Acq: 03 Oct 2024 12:44

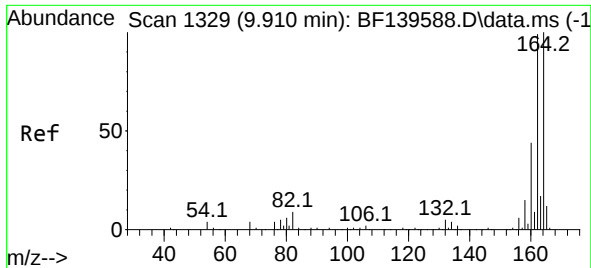
Tgt Ion:142 Resp: 562963

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4





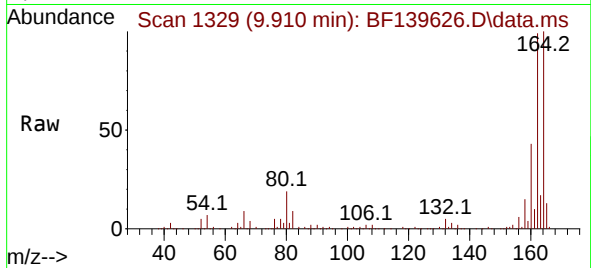
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



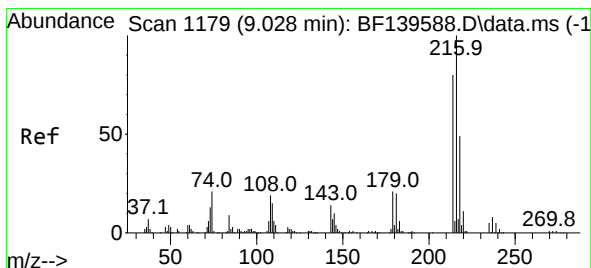
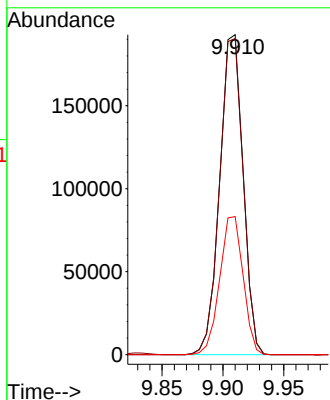
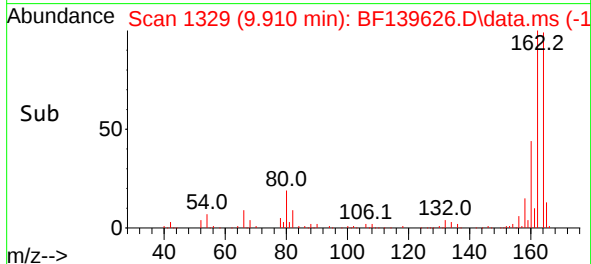
Tgt Ion:164 Resp: 257580
Ion Ratio Lower Upper
164 100
162 98.8 79.4 119.0
160 43.1 35.1 52.7

Manual Integrations

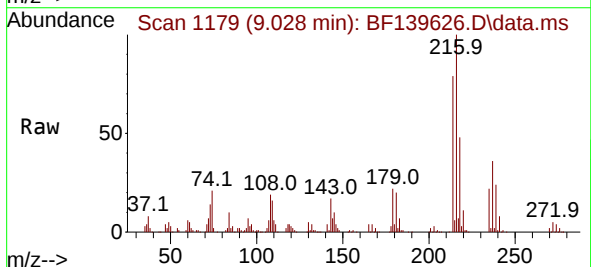
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

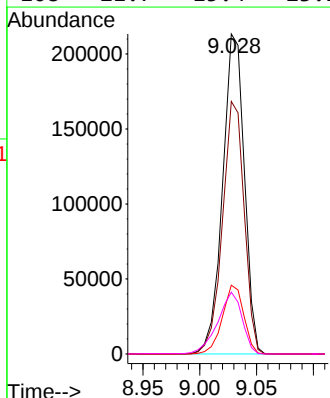
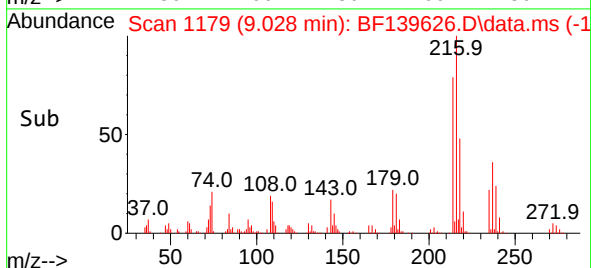
Supervised By :mohammad ahmed 10/05/2024

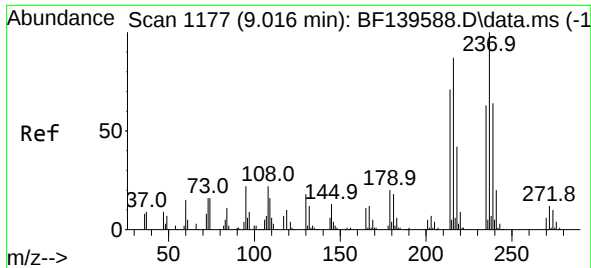


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.691 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:216 Resp: 283901
Ion Ratio Lower Upper
216 100
214 78.6 63.7 95.5
179 21.2 16.9 25.3
108 21.7 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 151.138 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

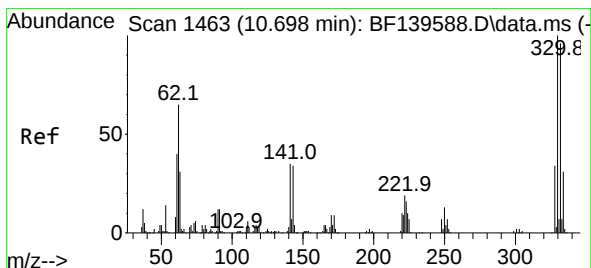
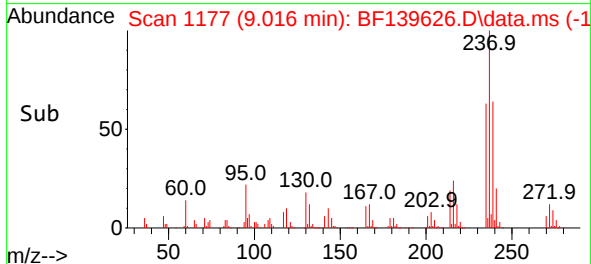
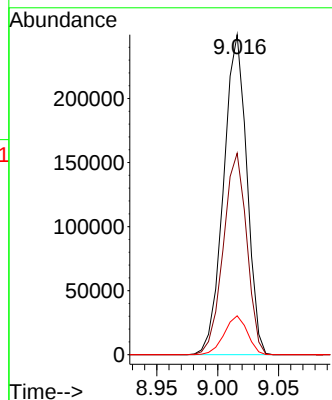
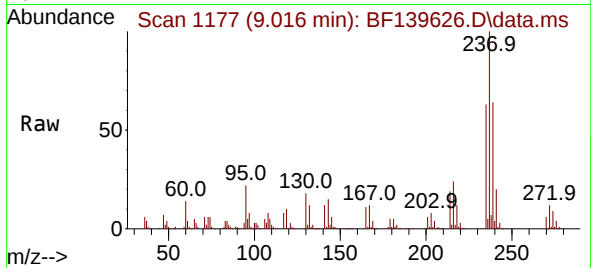
PB163843BS

Tgt Ion:237 Resp: 331482
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 12.1 0.0 32.1

Manual Integrations

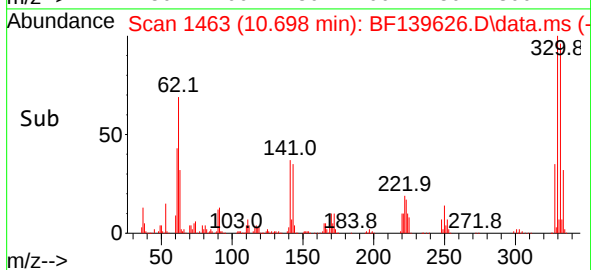
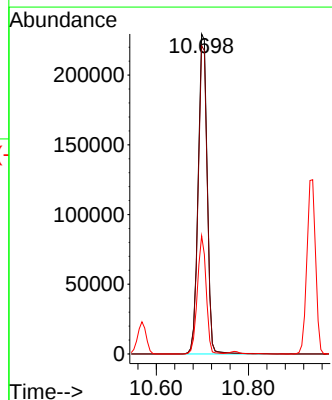
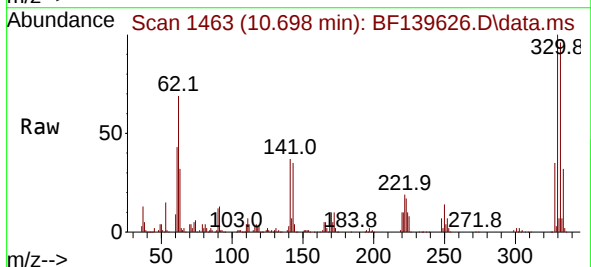
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 125.808 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:330 Resp: 312832
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 35.6 29.3 43.9





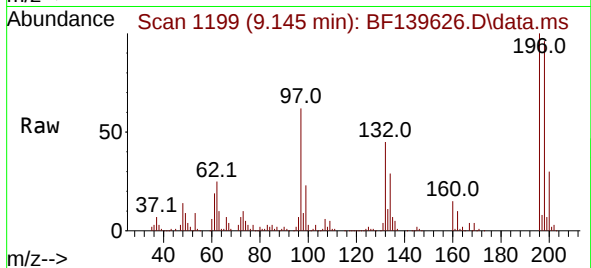
#43
2,4,6-Trichlorophenol
Concen: 41.651 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



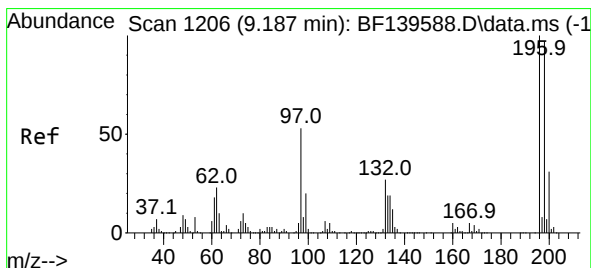
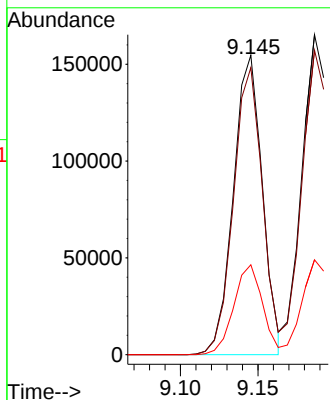
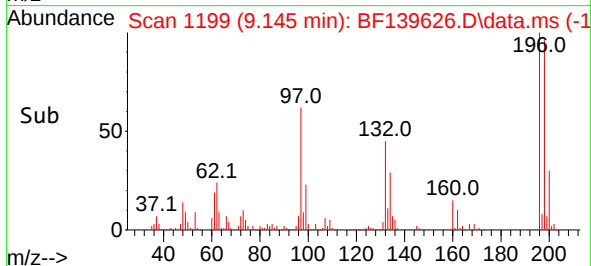
Tgt Ion:196 Resp: 200830
Ion Ratio Lower Upper
196 100
198 95.8 75.2 112.8
200 30.0 24.6 37.0

Manual Integrations

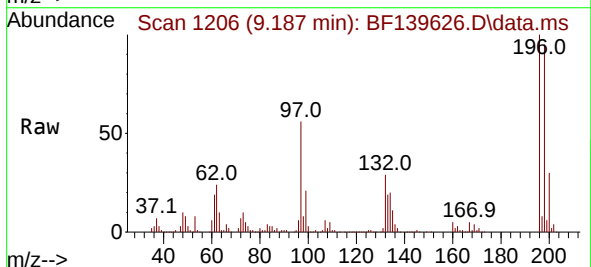
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

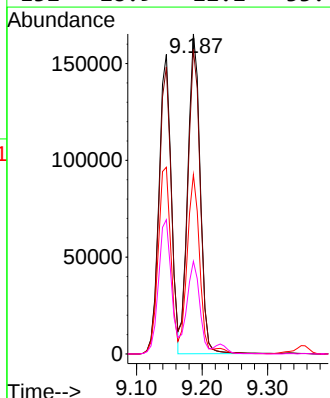
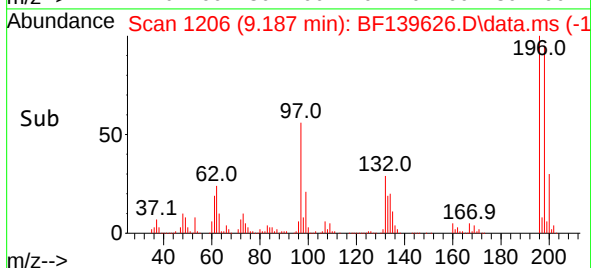
Supervised By :mohammad ahmed 10/05/2024



#44
2,4,5-Trichlorophenol
Concen: 41.631 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:196 Resp: 216484
Ion Ratio Lower Upper
196 100
198 95.2 77.5 116.3
97 56.0 43.1 64.7
132 28.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 80.282 ng

RT: 9.228 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF139626.D

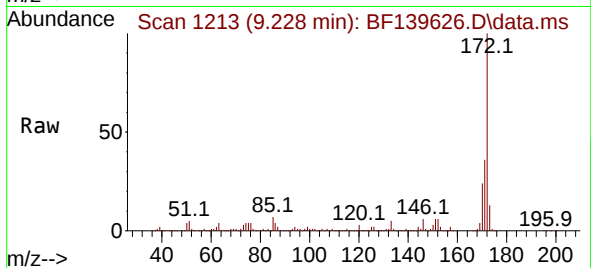
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



Tgt Ion:172 Resp: 134704

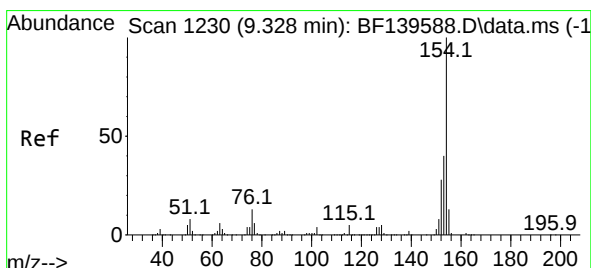
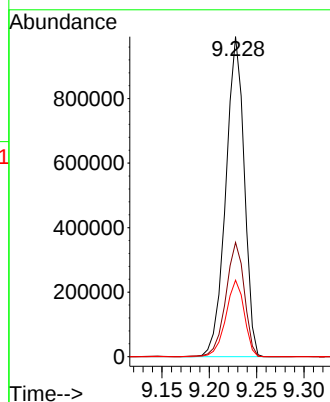
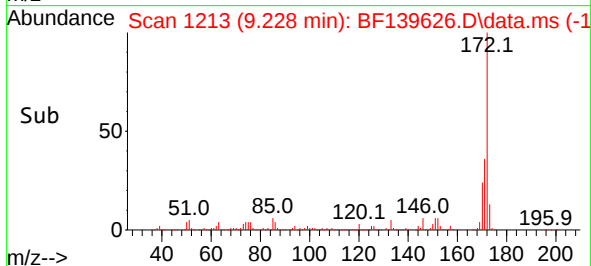
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.9	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#46

1,1'-Biphenyl

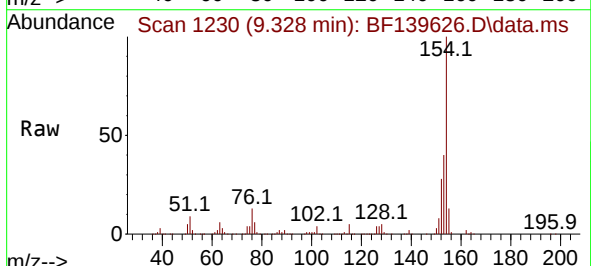
Concen: 40.093 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

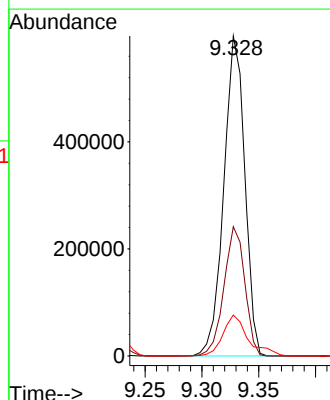
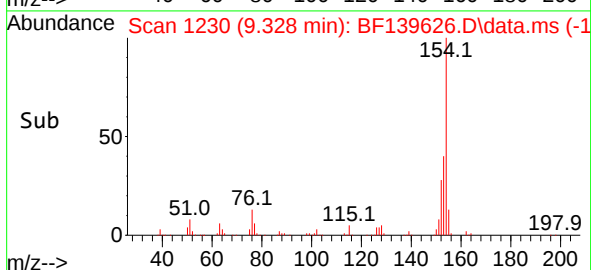
Lab File: BF139626.D

Acq: 03 Oct 2024 12:44



Tgt Ion:154 Resp: 768116

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	12.8	0.0	32.6





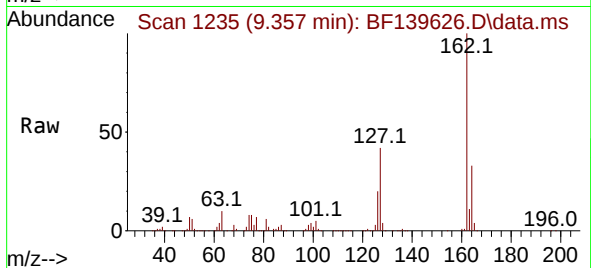
#47
2-Chloronaphthalene
Concen: 39.744 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

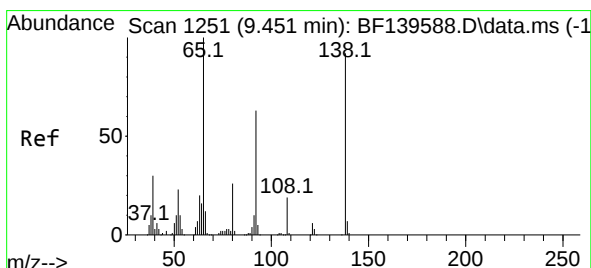
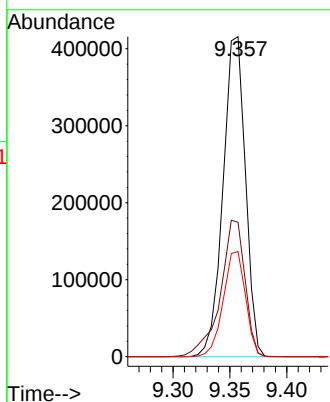
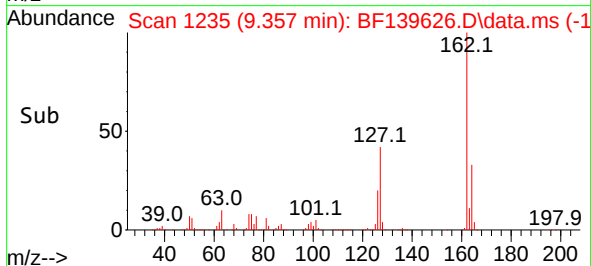
PB163843BS



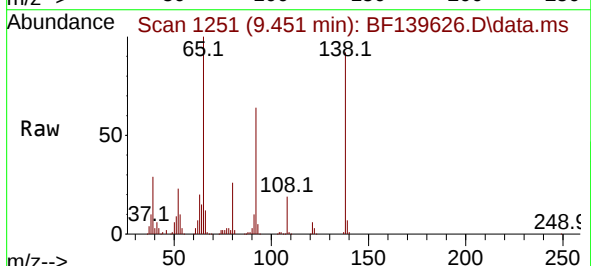
Tgt Ion:162 Resp: 570824
Ion Ratio Lower Upper
162 100
127 42.0 35.0 52.4
164 32.8 26.1 39.1

Manual Integrations
APPROVED

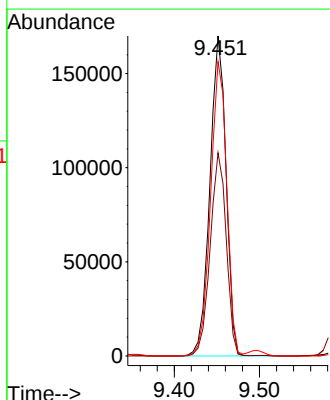
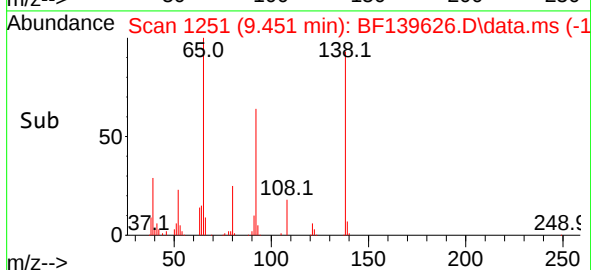
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#48
2-Nitroaniline
Concen: 43.372 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion: 65 Resp: 223617
Ion Ratio Lower Upper
65 100
92 63.5 50.0 75.0
138 92.0 73.8 110.8





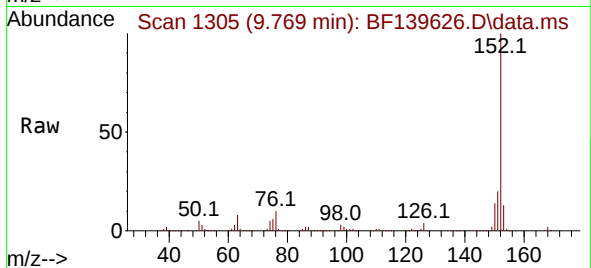
#49
Acenaphthylene
Concen: 43.562 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



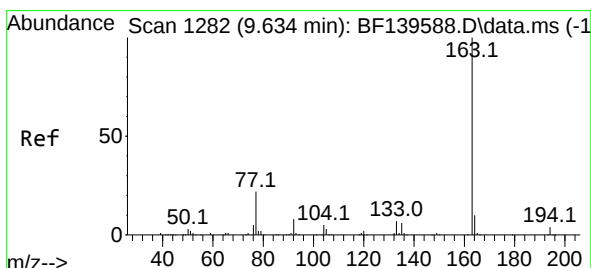
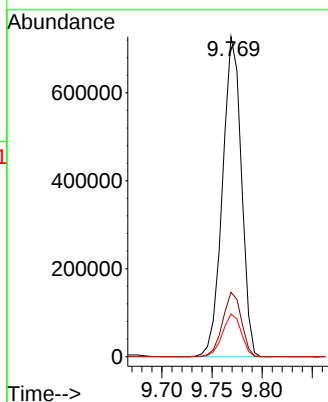
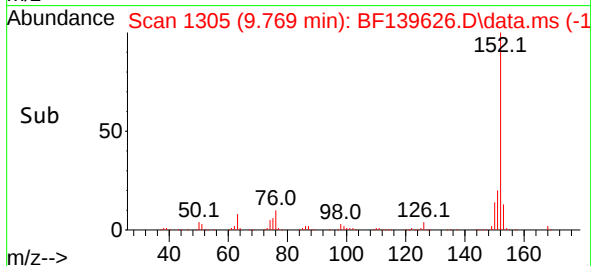
Tgt Ion:152 Resp: 951490
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations

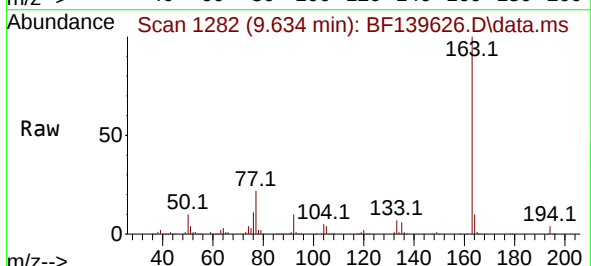
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

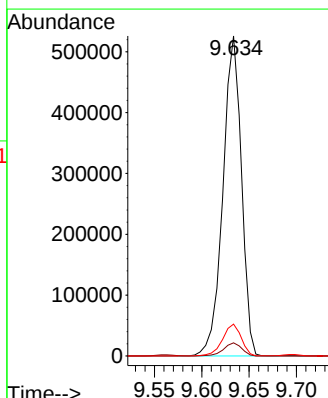
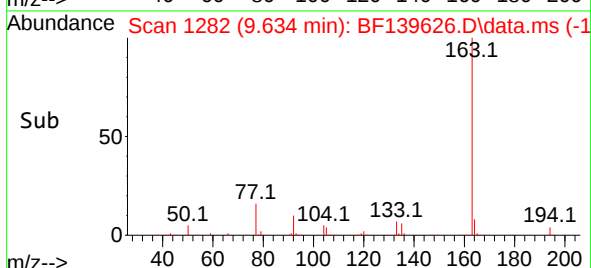
Supervised By :mohammad ahmed 10/05/2024



#50
Dimethylphthalate
Concen: 42.399 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:163 Resp: 714930
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 40.879 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

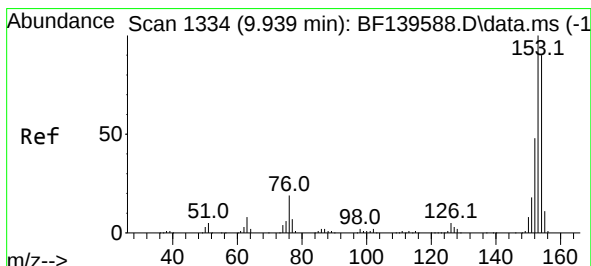
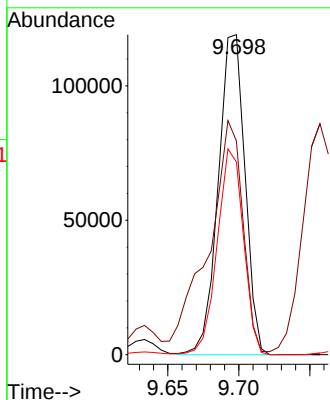
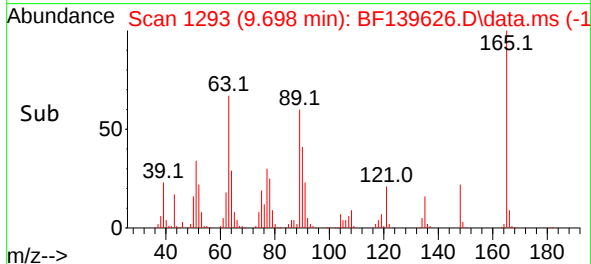
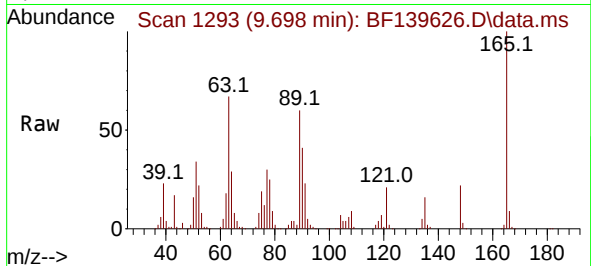
ClientSampleId :

PB163843BS

Tgt Ion:165 Resp: 155710
Ion Ratio Lower Upper
165 100
63 66.7 56.7 85.1
89 60.2 51.6 77.4

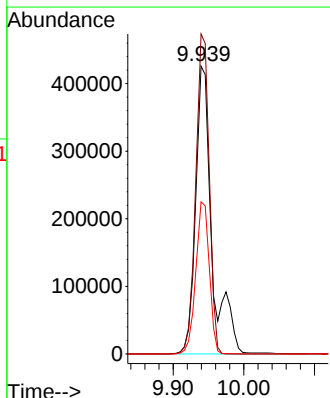
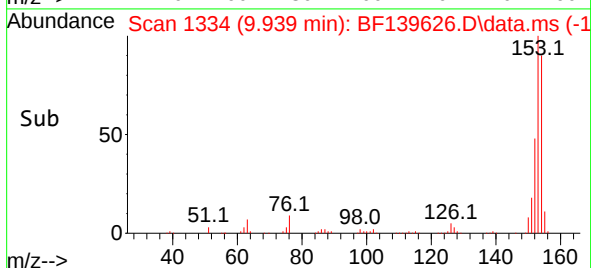
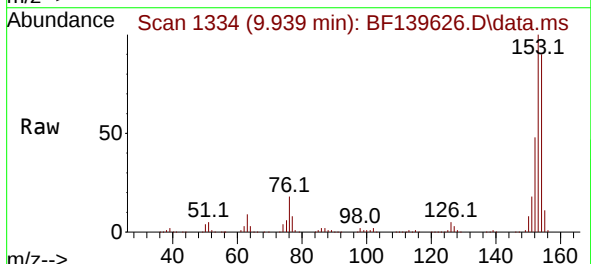
Manual Integrations
APPROVED

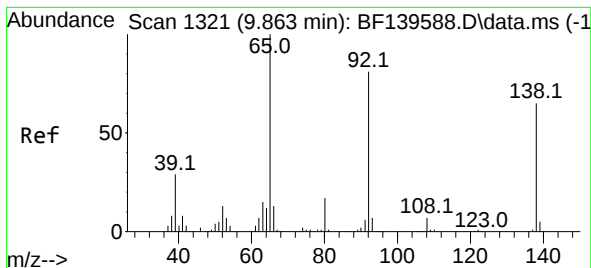
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#52
Acenaphthene
Concen: 45.790 ng m
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:154 Resp: 686602
Ion Ratio Lower Upper
154 100
153 111.2 88.8 133.2
152 52.9 42.5 63.7





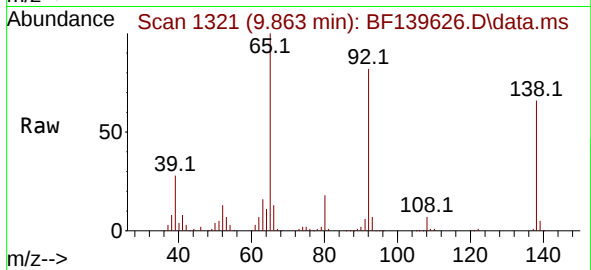
#53
3-Nitroaniline
Concen: 27.635 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



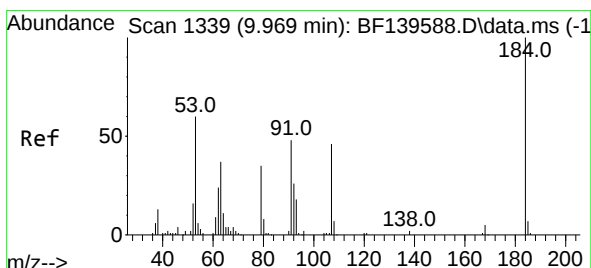
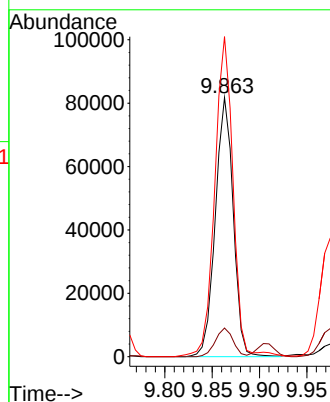
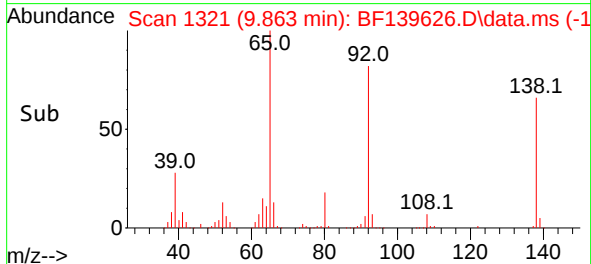
Tgt Ion:138 Resp: 107568
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 123.5 100.0 150.0

Manual Integrations

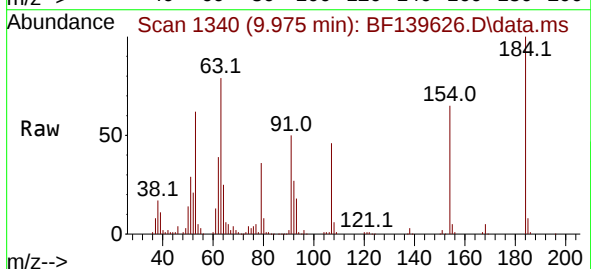
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

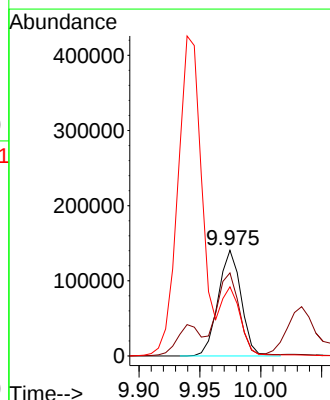
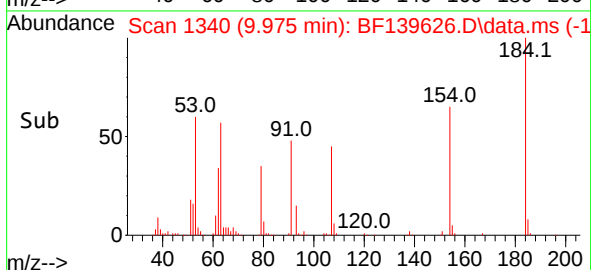
Supervised By :mohammad ahmed 10/05/2024

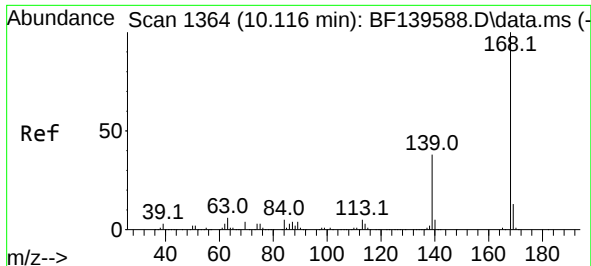


#54
2,4-Dinitrophenol
Concen: 90.506 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:184 Resp: 185423
Ion Ratio Lower Upper
184 100
63 78.6 61.7 92.5
154 65.4 53.0 79.4





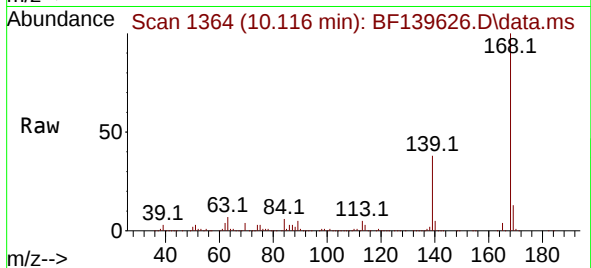
#55
Dibenzofuran
Concen: 41.425 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

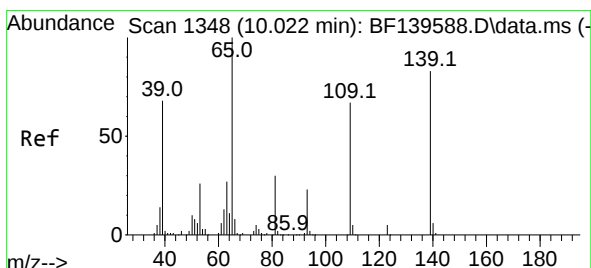
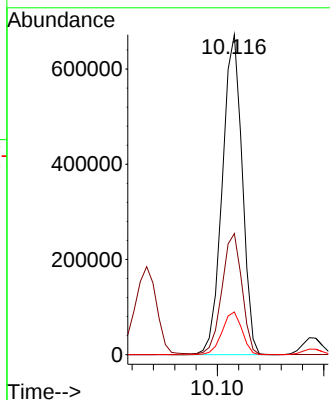
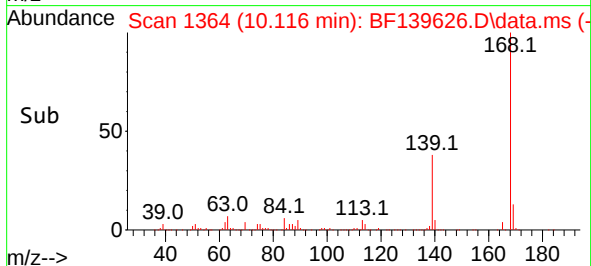


Tgt Ion:168 Resp: 869697
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.7 16.1

Manual Integrations

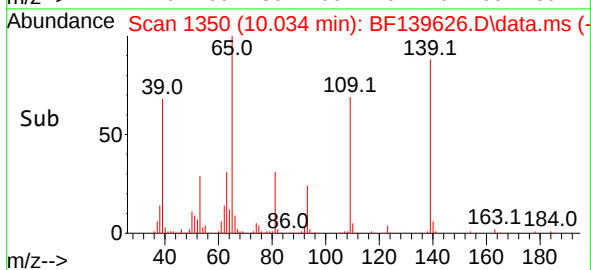
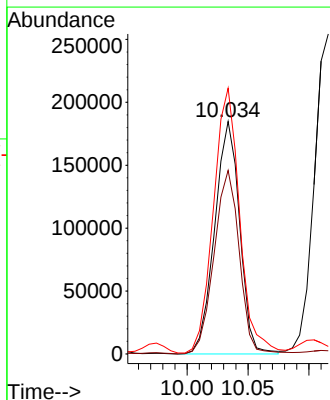
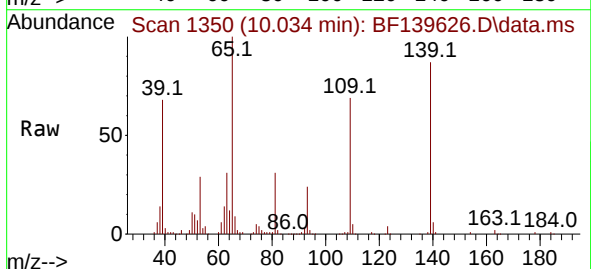
APPROVED

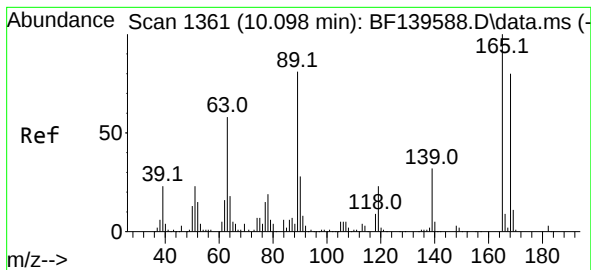
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 88.882 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:139 Resp: 263833
Ion Ratio Lower Upper
139 100
109 79.0 60.3 100.3
65 114.3 100.8 140.8





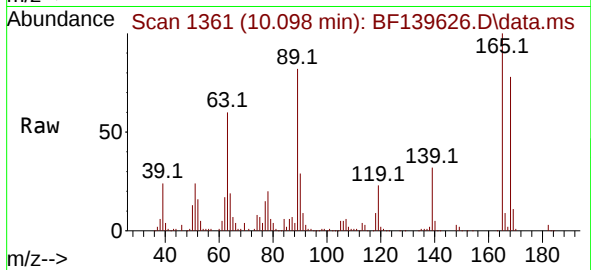
#57
2,4-Dinitrotoluene
Concen: 43.082 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



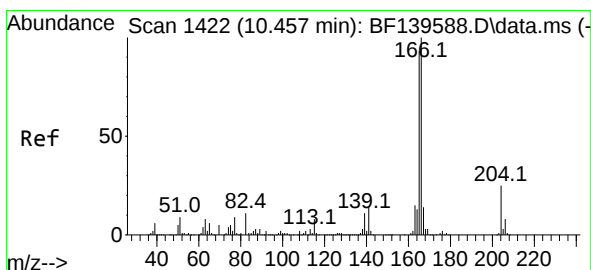
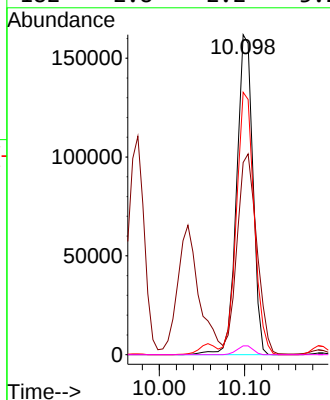
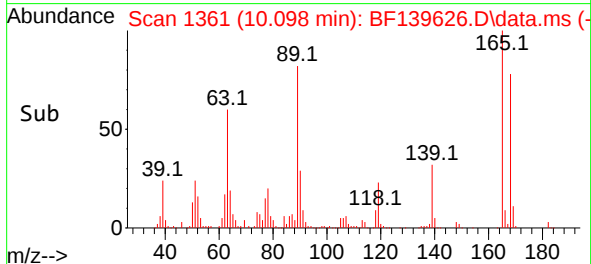
Tgt Ion:165 Resp: 214498
Ion Ratio Lower Upper
165 100
63 60.0 46.9 70.3
89 82.0 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations

APPROVED

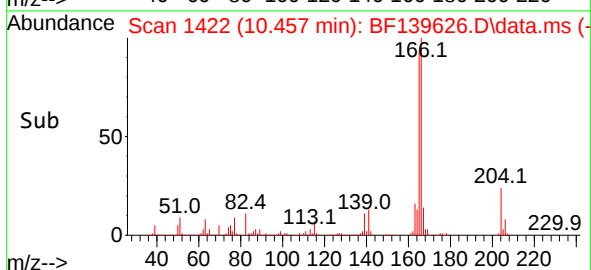
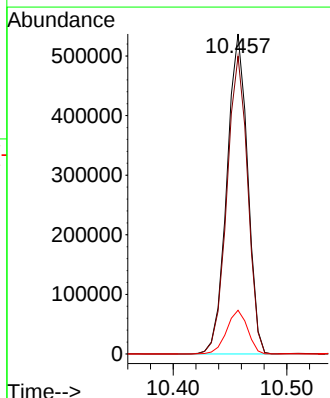
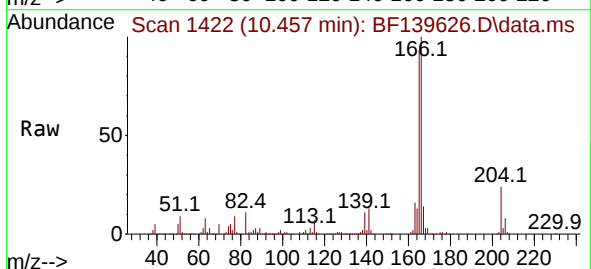
Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#58
Fluorene
Concen: 40.781 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

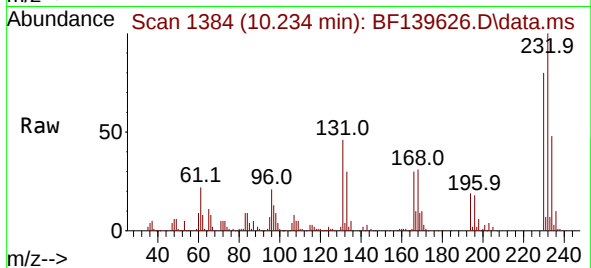
Tgt Ion:166 Resp: 681928
Ion Ratio Lower Upper
166 100
165 93.0 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.833 ng
RT: 10.234 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

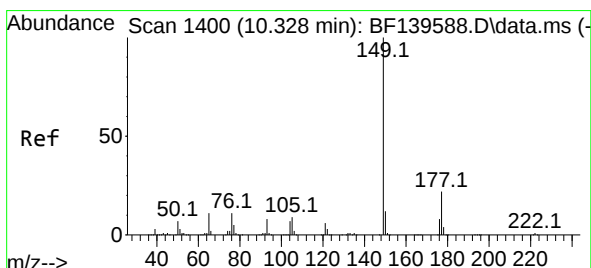
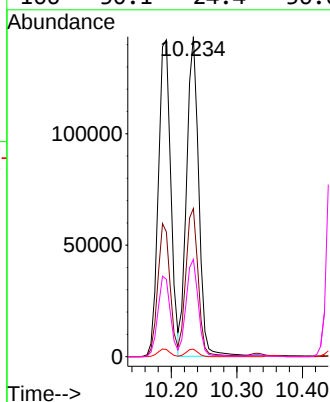
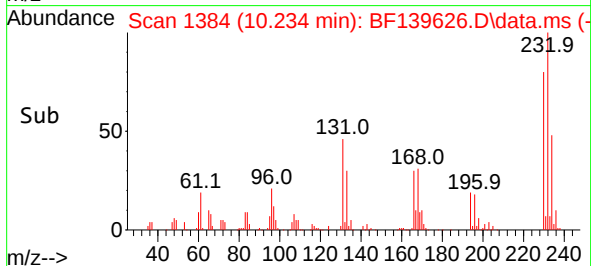
Instrument :
BNA_F
ClientSampleId :
PB163843BS



Tgt Ion:232 Resp: 184098
Ion Ratio Lower Upper
232 100
131 47.3 37.8 56.6
130 2.3 1.9 2.9
166 30.1 24.4 36.6

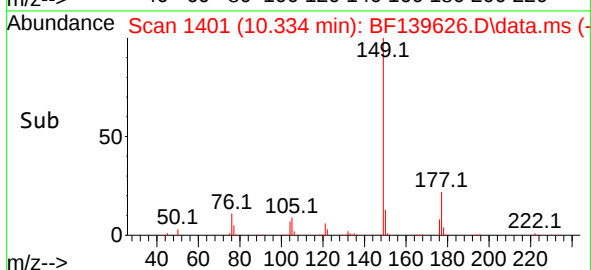
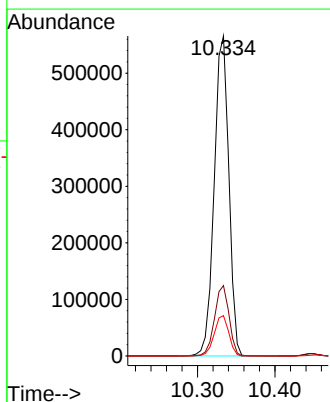
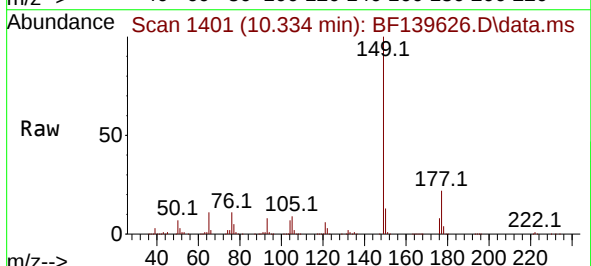
Manual Integrations
APPROVED

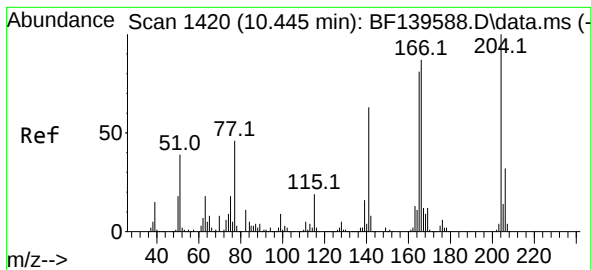
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#60
Diethylphthalate
Concen: 42.461 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

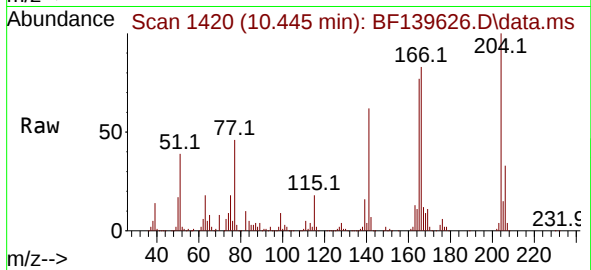
Tgt Ion:149 Resp: 739516
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.317 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

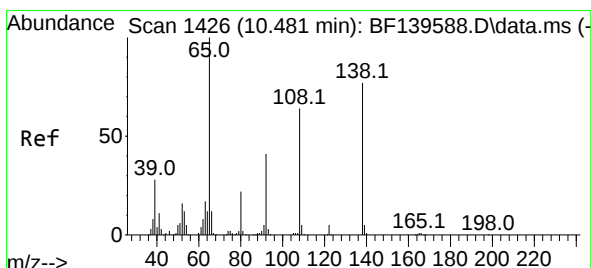
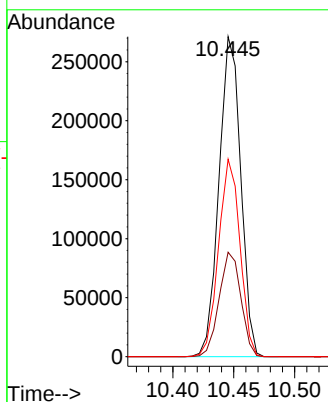
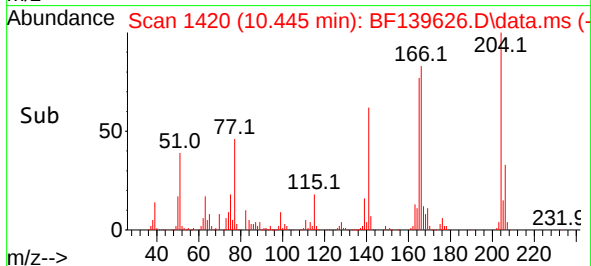
Instrument :
BNA_F
ClientSampleId :
PB163843BS



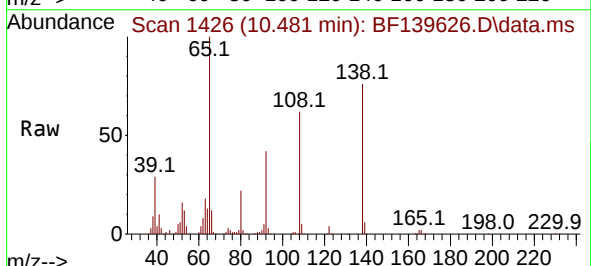
Tgt Ion:204 Resp: 33728
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 61.7 50.5 75.7

Manual Integrations
APPROVED

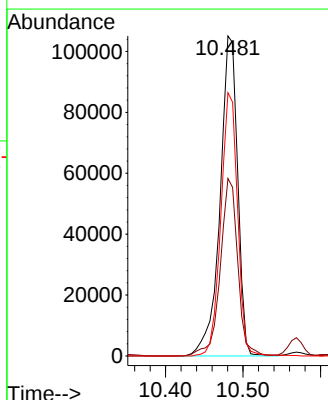
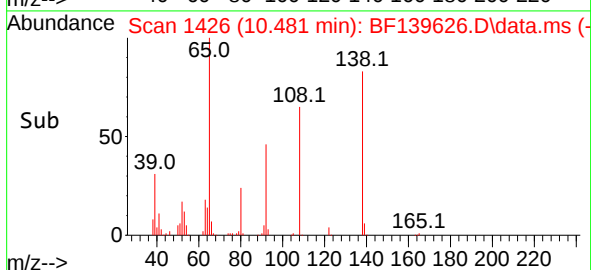
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

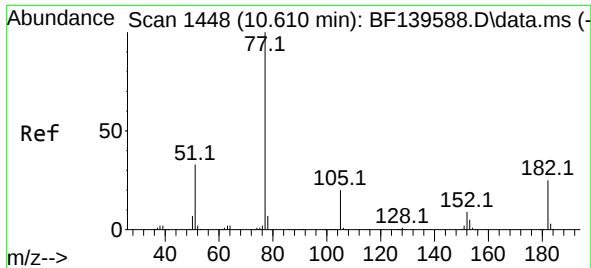


#62
4-Nitroaniline
Concen: 41.850 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:138 Resp: 166629
Ion Ratio Lower Upper
138 100
92 55.5 33.3 73.3
108 82.2 62.1 102.1





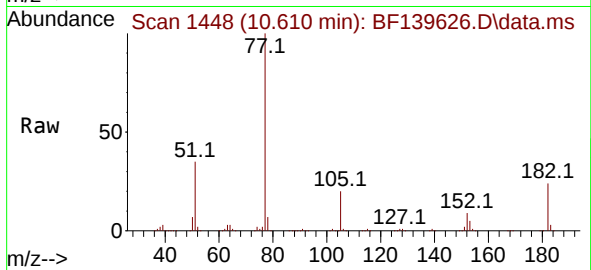
#63
Azobenzene
Concen: 42.717 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



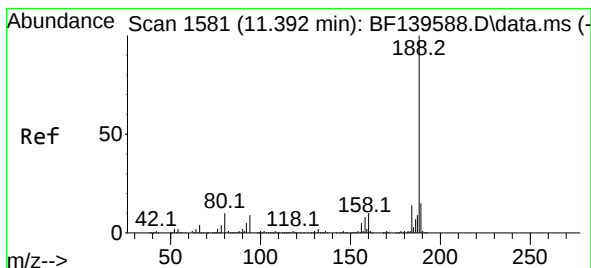
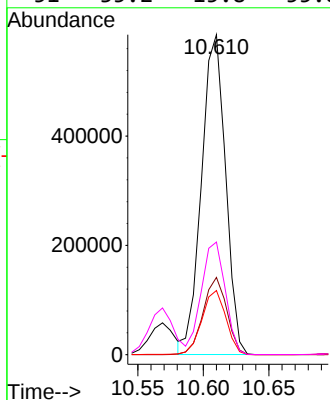
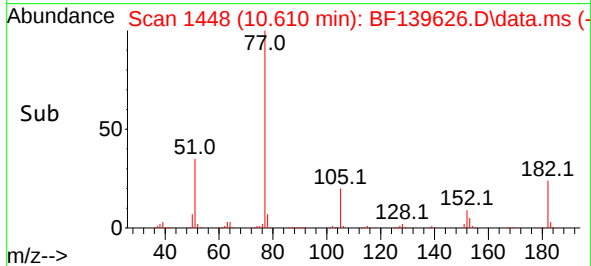
Tgt Ion: 77 Resp: 748186
Ion Ratio Lower Upper
77 100
182 24.1 4.2 44.2
105 20.1 0.0 39.6
51 35.2 15.8 55.8

Manual Integrations

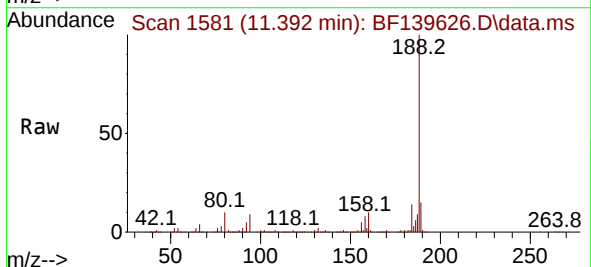
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

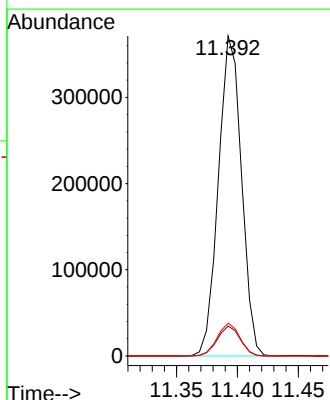
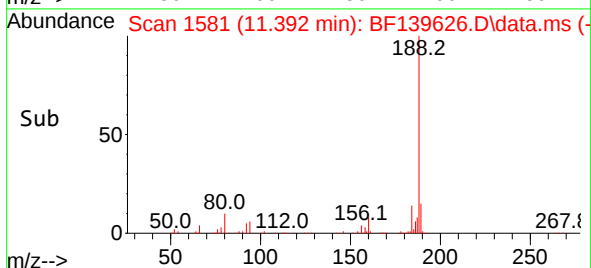
Supervised By :mohammad ahmed 10/05/2024

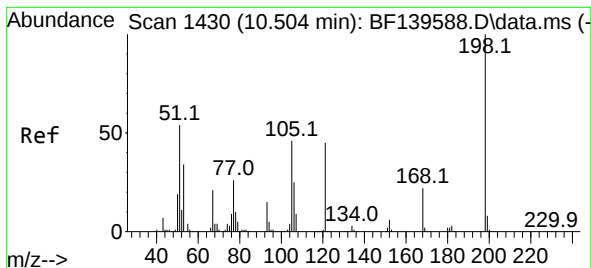


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:188 Resp: 489896
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.3 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 45.651 ng
RT: 10.510 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

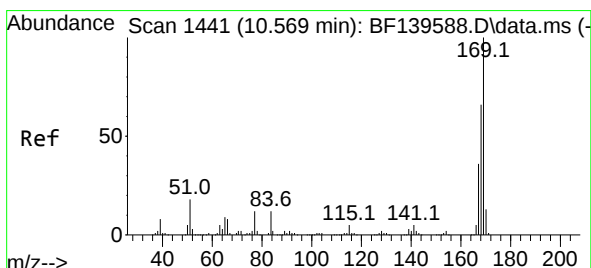
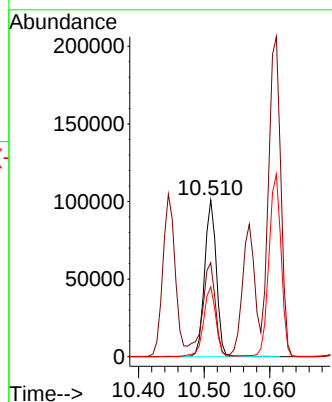
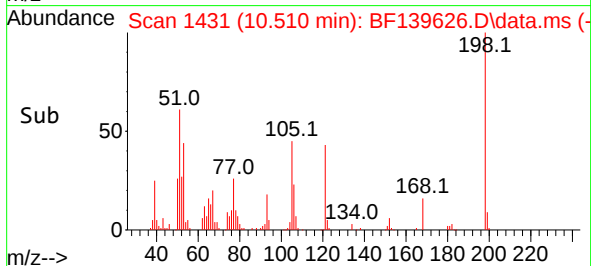
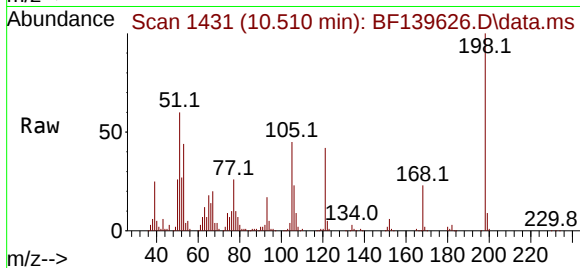
PB163843BS

Tgt Ion:198 Resp: 126310
Ion Ratio Lower Upper
198 100
51 60.0 43.0 83.0
105 44.6 26.6 66.6

Manual Integrations

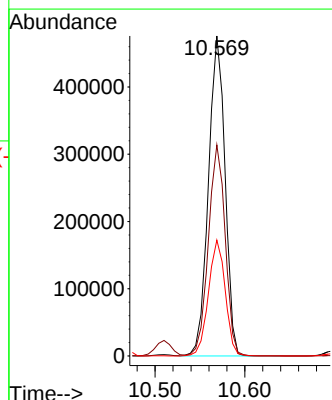
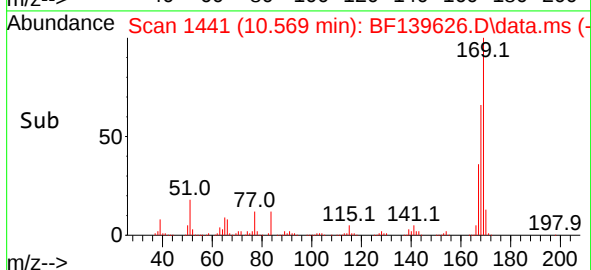
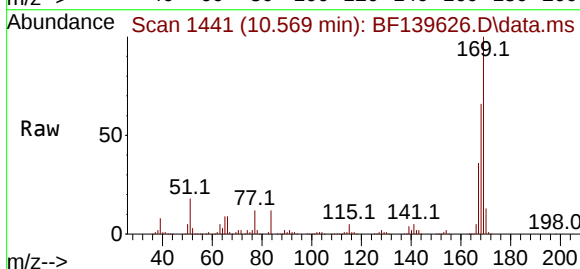
APPROVED

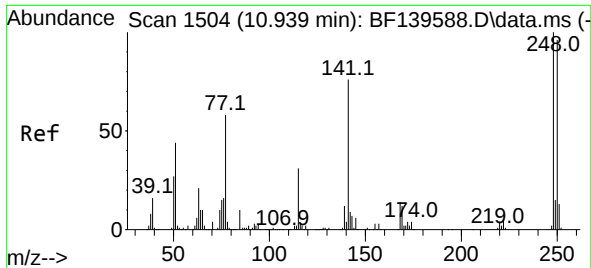
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 42.373 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:169 Resp: 611877
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 40.840 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

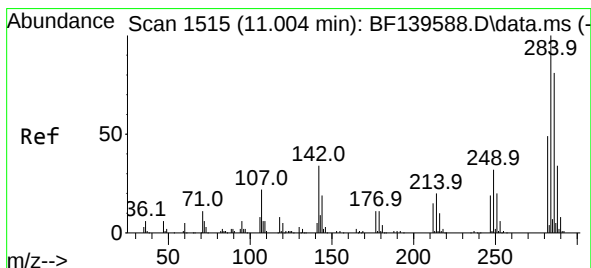
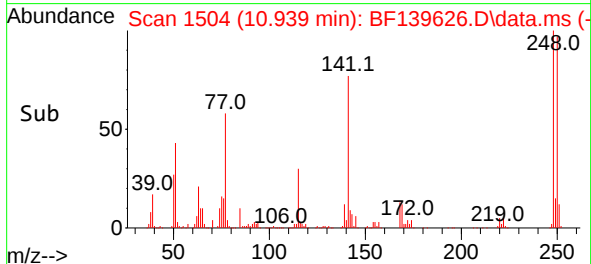
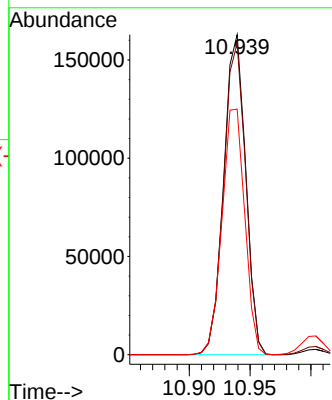
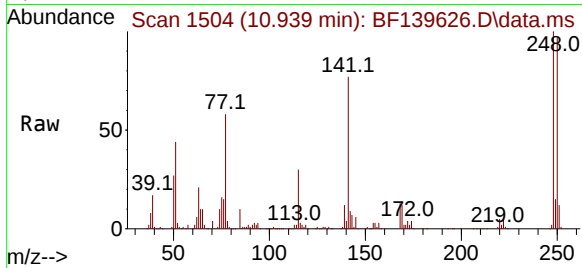
PB163843BS

Tgt Ion:248 Resp: 20513
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 76.7 60.4 90.6

Manual Integrations

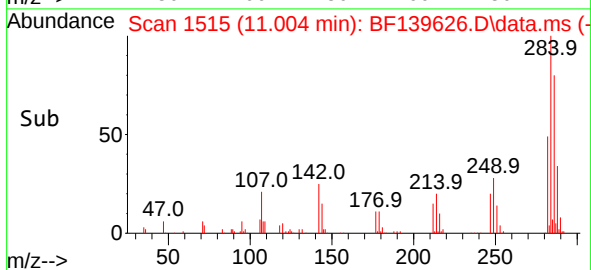
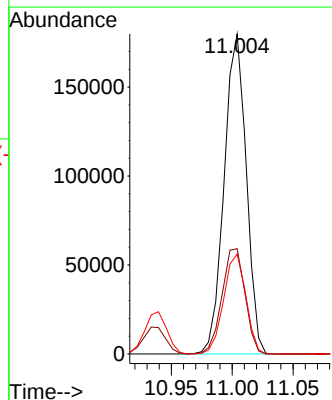
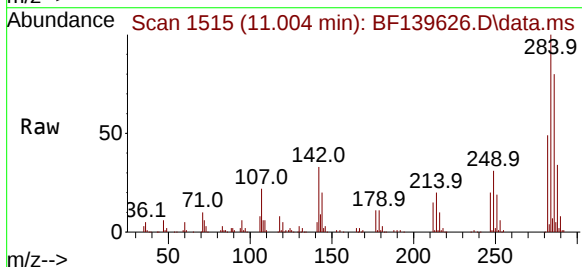
APPROVED

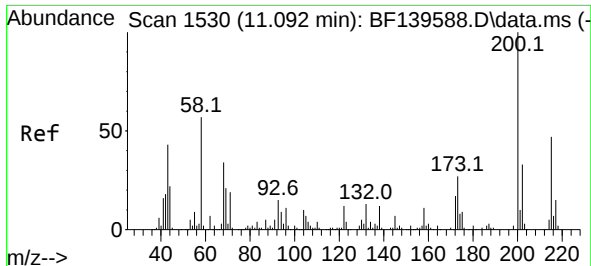
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 40.756 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:284 Resp: 227159
Ion Ratio Lower Upper
284 100
142 32.9 26.9 40.3
249 31.2 25.4 38.0





#69
Atrazine
Concen: 52.328 ng
RT: 11.098 min Scan# 1530
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

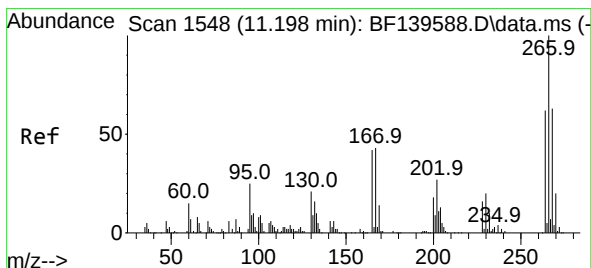
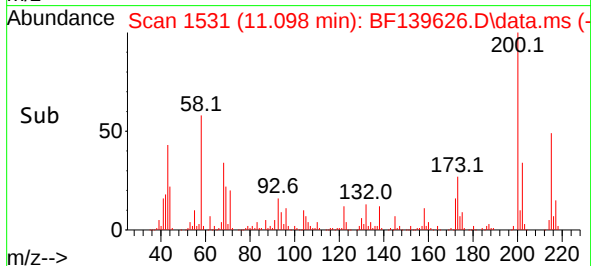
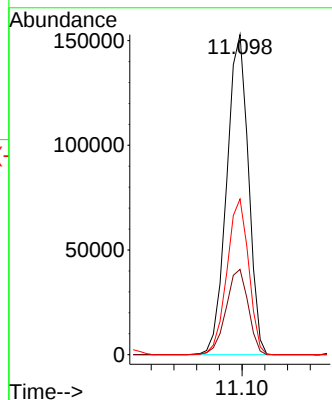
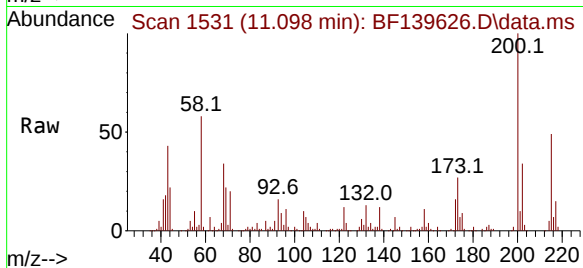
PB163843BS

Tgt Ion:200 Resp: 202739
Ion Ratio Lower Upper
200 100
173 26.7 6.7 46.7
215 48.6 27.5 67.5

Manual Integrations

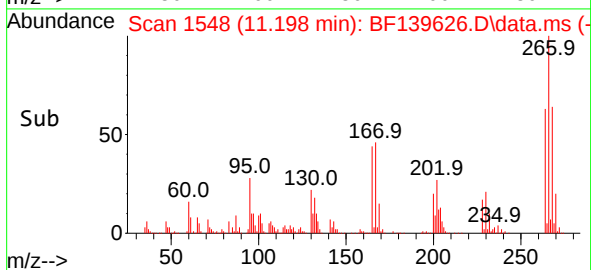
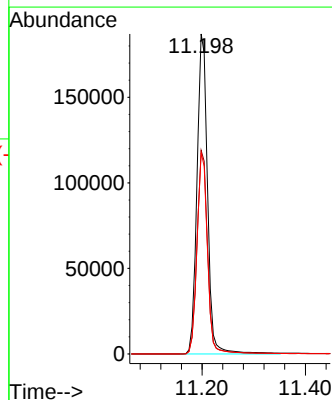
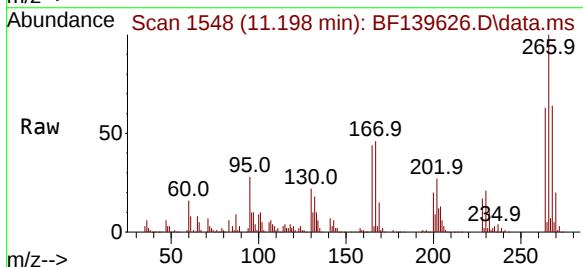
APPROVED

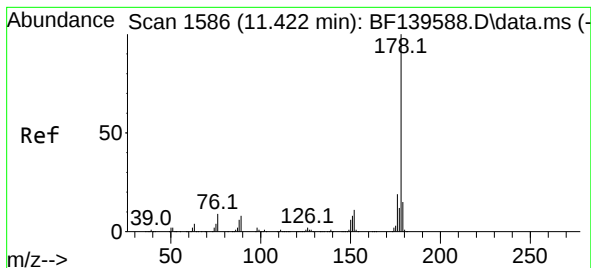
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#70
Pentachlorophenol
Concen: 79.850 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Tgt Ion:266 Resp: 265009
Ion Ratio Lower Upper
266 100
268 63.6 50.0 75.0
264 62.8 49.3 73.9





#71
Phenanthrene
Concen: 42.521 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

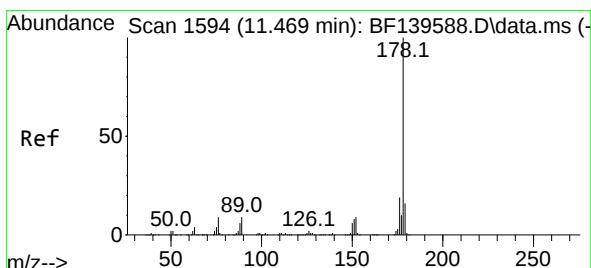
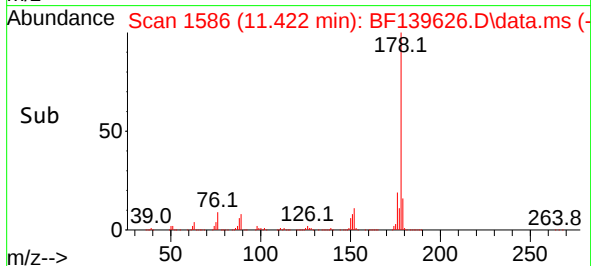
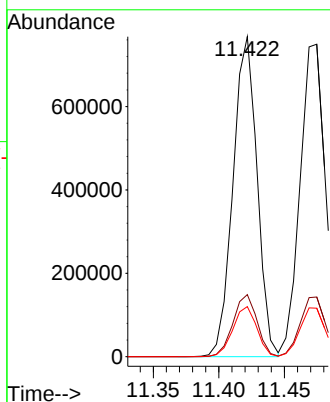
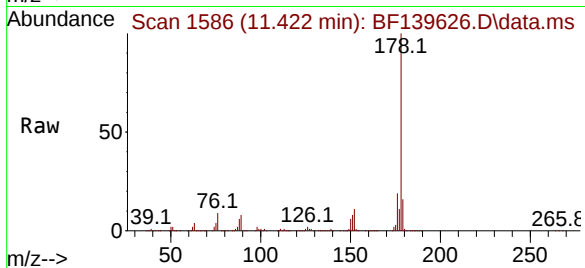
PB163843BS

Tgt Ion:178 Resp: 982200
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.3 18.5

Manual Integrations

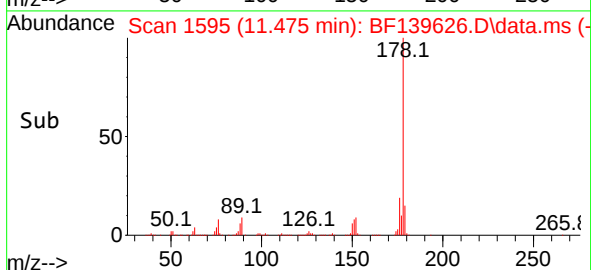
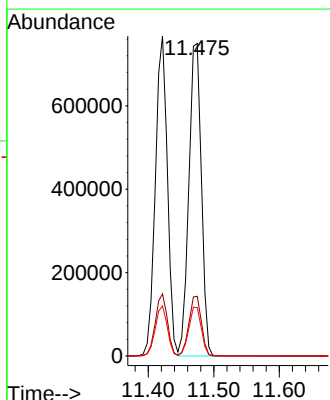
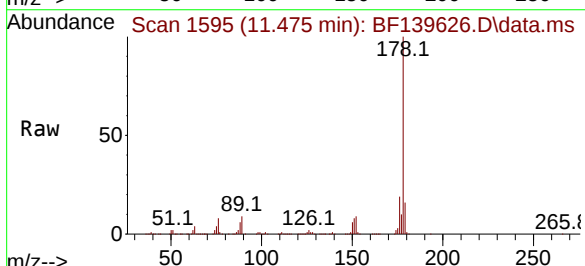
APPROVED

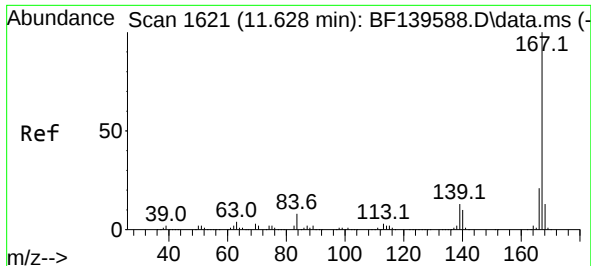
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#72
Anthracene
Concen: 43.491 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

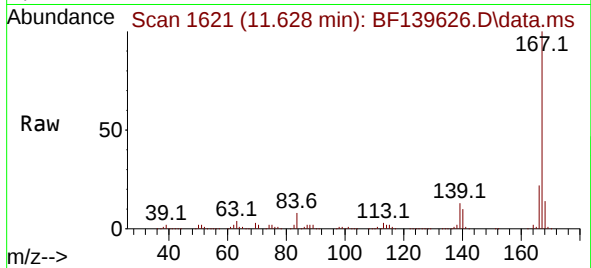
Tgt Ion:178 Resp: 993859
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 41.900 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF139626.D
 Acq: 03 Oct 2024 12:44

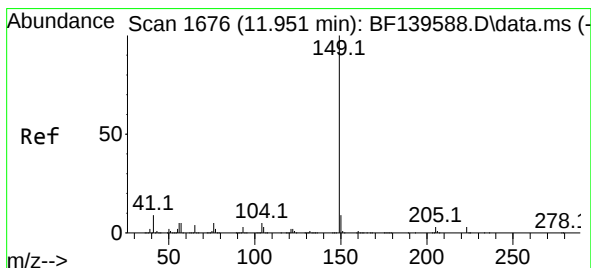
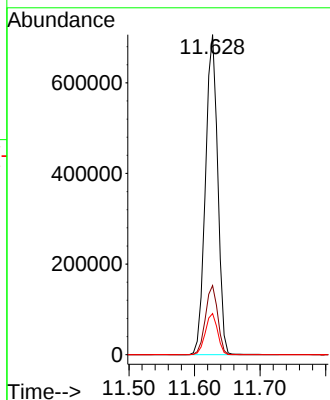
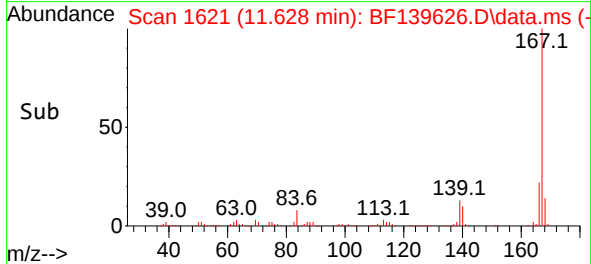
Instrument :
 BNA_F
 ClientSampleId :
 PB163843BS



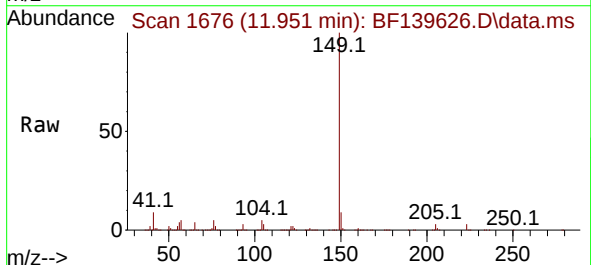
Tgt Ion:167 Resp: 919625
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

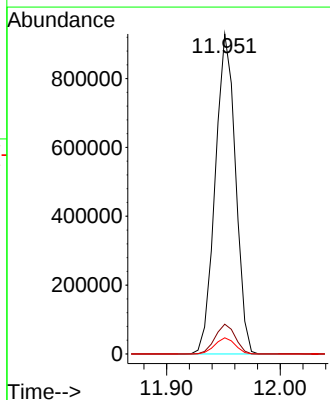
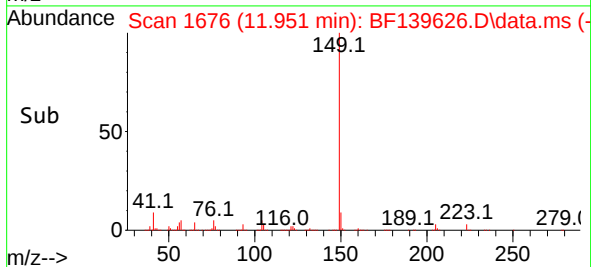
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

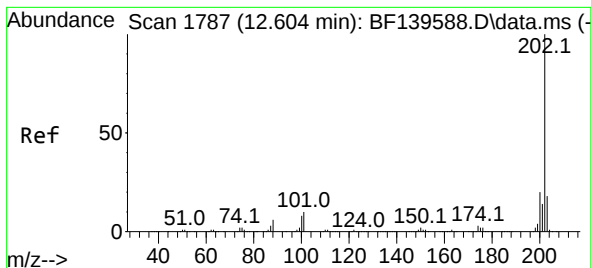


#74
 Di-n-butylphthalate
 Concen: 43.256 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF139626.D
 Acq: 03 Oct 2024 12:44



Tgt Ion:149 Resp: 1154490
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 41.111 ng

RT: 12.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion:202 Resp: 103808

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.2

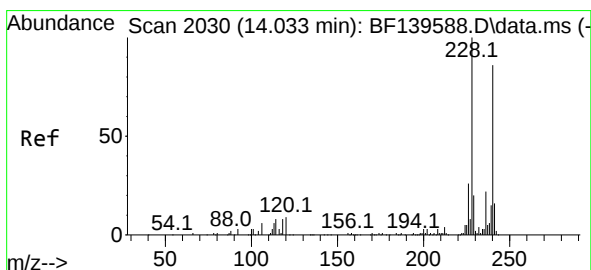
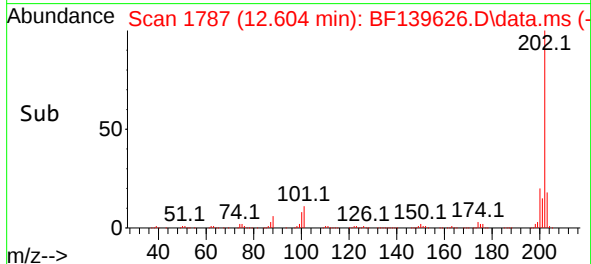
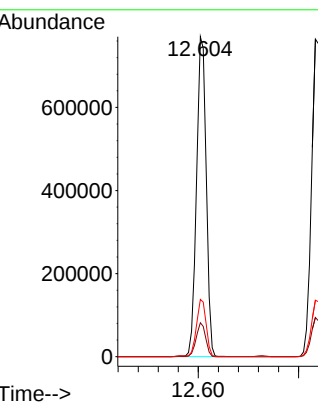
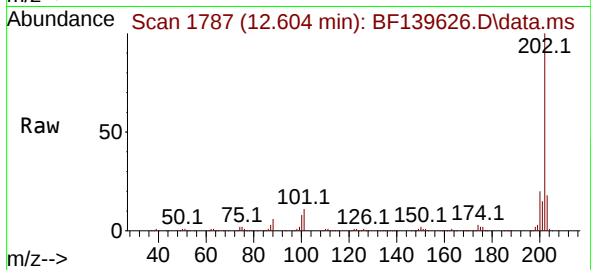
203 17.9 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

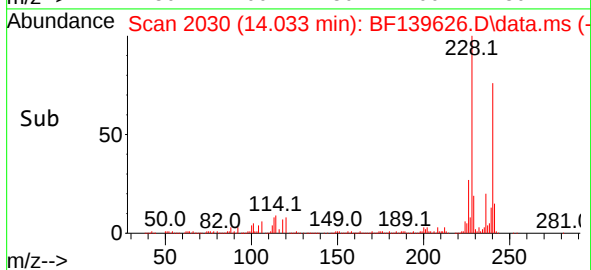
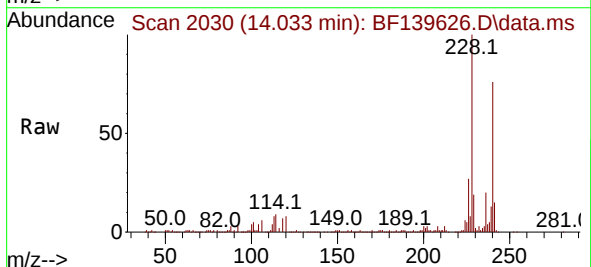
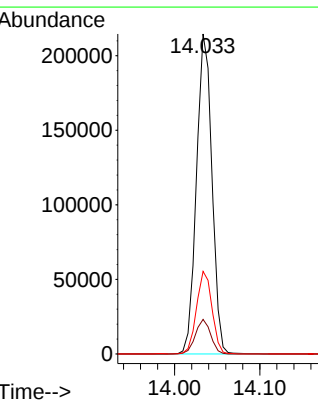
Tgt Ion:240 Resp: 270474

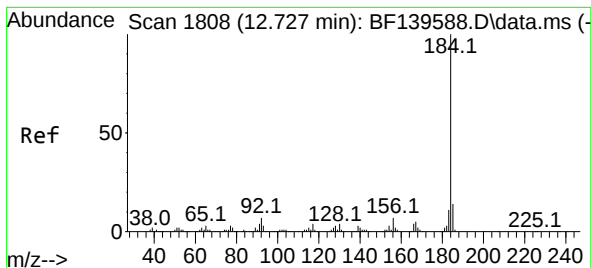
Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 25.8 20.3 30.5





#77

Benzidine

Concen: 77.603 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion:184 Resp: 370230

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

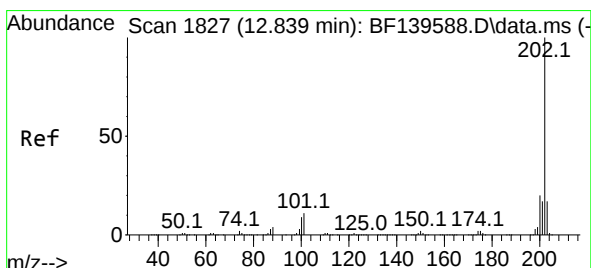
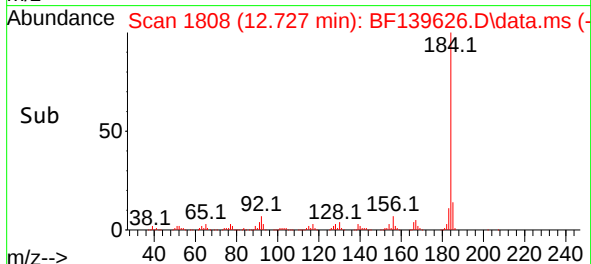
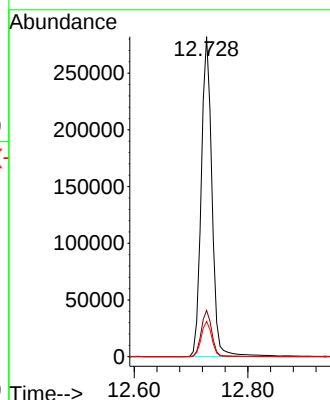
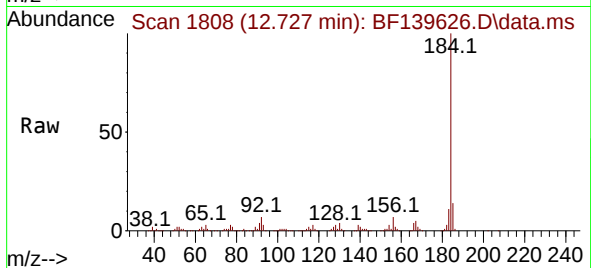
183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#78

Pyrene

Concen: 43.393 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

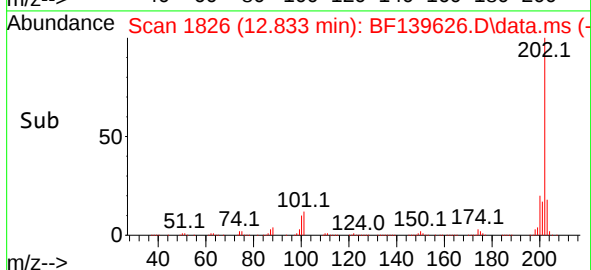
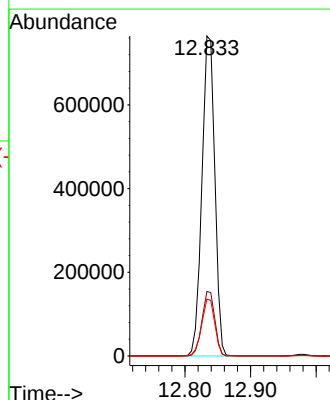
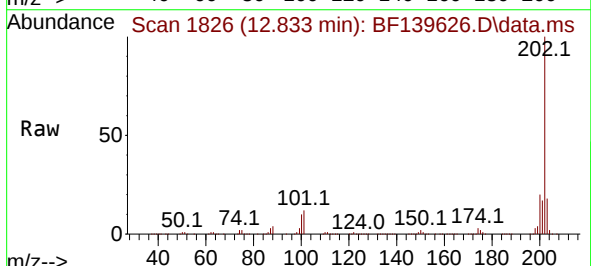
Tgt Ion:202 Resp: 1049726

Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.6

203 17.8 13.8 20.8





#79

Terphenyl-d14

Concen: 90.663 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139626.D

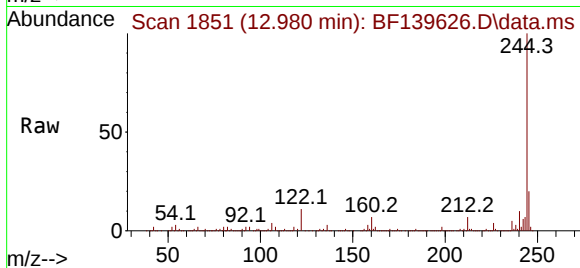
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



Tgt Ion:244 Resp: 149449

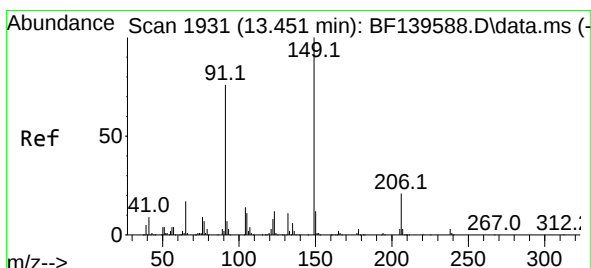
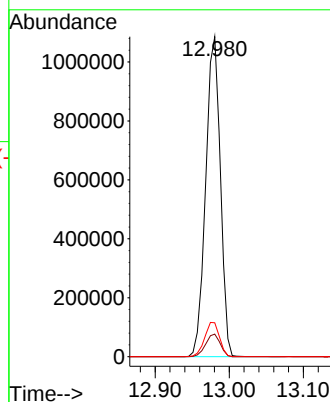
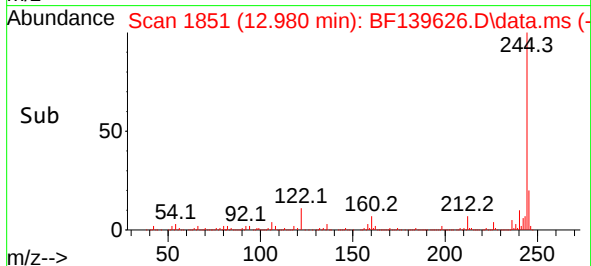
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	10.6	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#80

Butylbenzylphthalate

Concen: 46.768 ng

RT: 13.451 min Scan# 1931

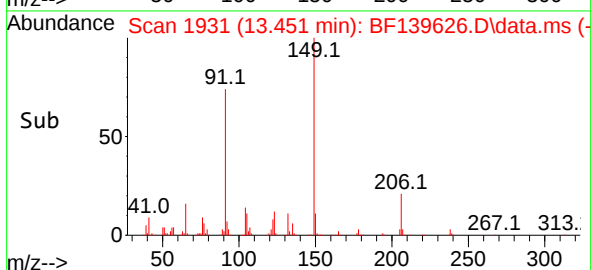
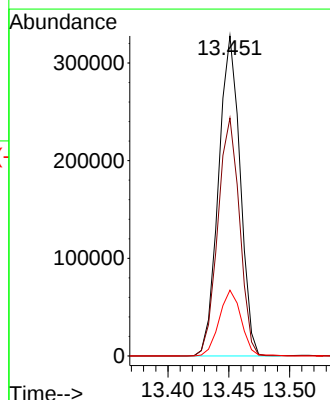
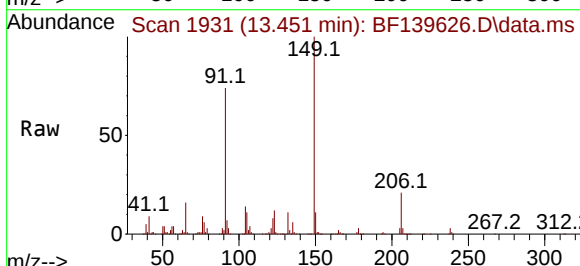
Delta R.T. 0.000 min

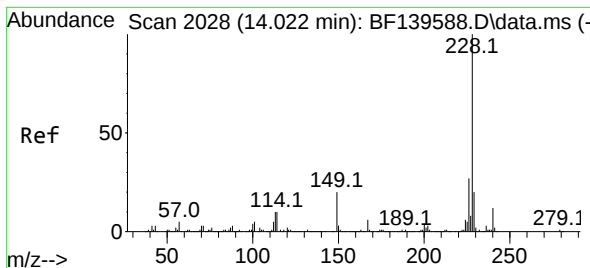
Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Tgt Ion:149 Resp: 404676

Ion	Ratio	Lower	Upper
149	100		
91	74.4	61.0	91.4
206	20.5	16.6	24.8





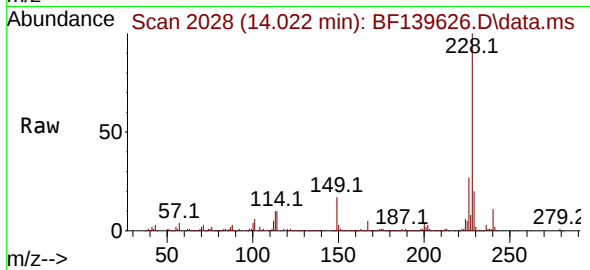
#81
Benzo(a)anthracene
Concen: 44.733 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS



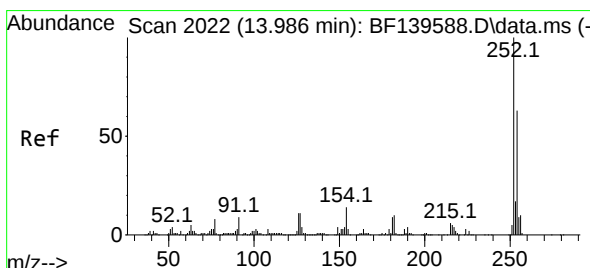
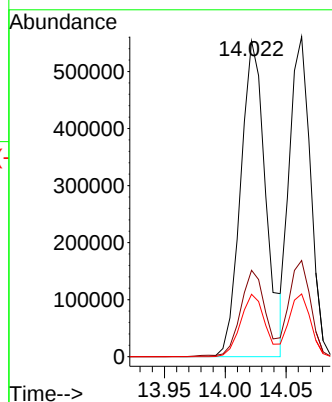
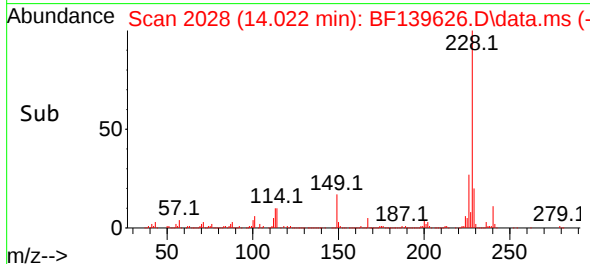
Tgt Ion:228 Resp: 795468
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.8 23.8

Manual Integrations

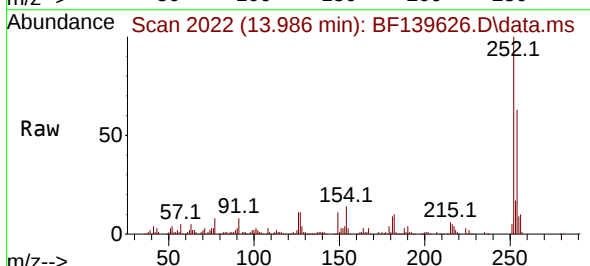
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

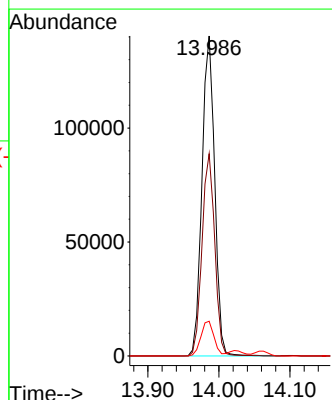
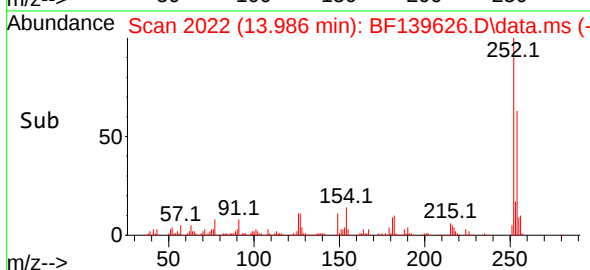
Supervised By :mohammad ahmed 10/05/2024

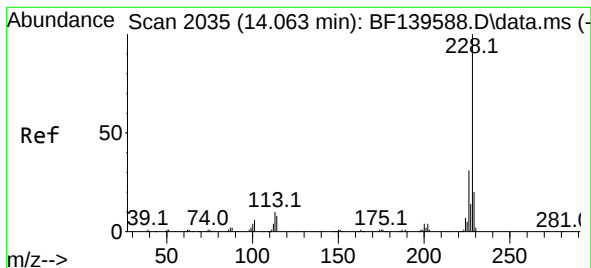


#82
3,3'-Dichlorobenzidine
Concen: 32.215 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:252 Resp: 175324
Ion Ratio Lower Upper
252 100
254 63.2 50.5 75.7
126 10.8 8.8 13.2





#83

Chrysene

Concen: 41.463 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

ClientSampleId :

PB163843BS

Tgt Ion:228 Resp: 674100

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

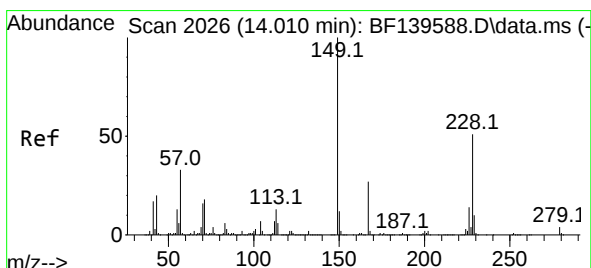
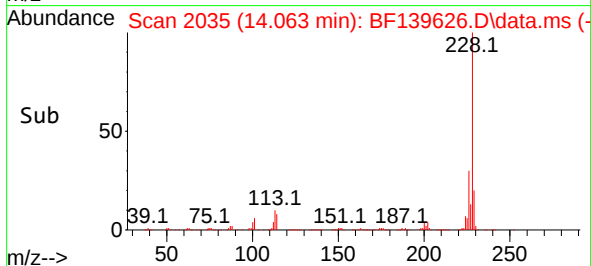
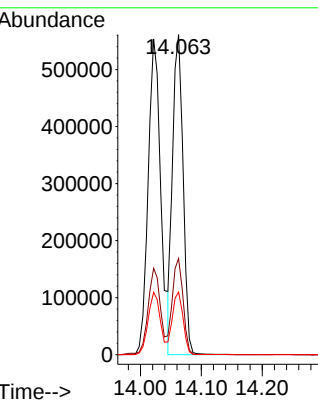
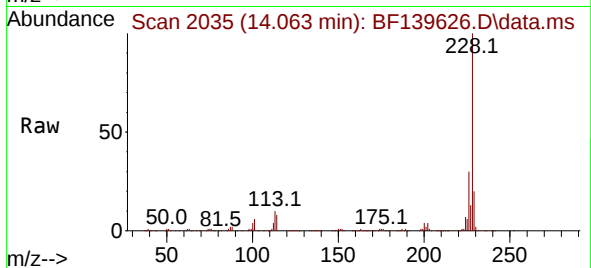
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.024 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139626.D

Acq: 03 Oct 2024 12:44

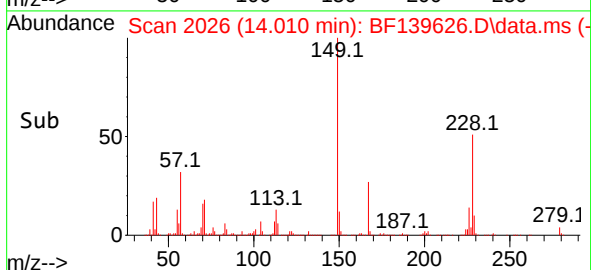
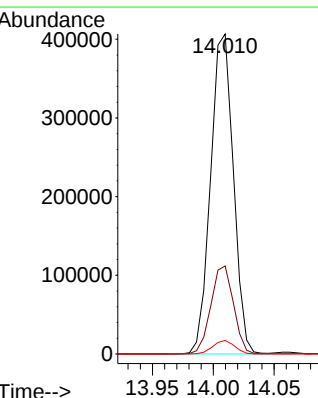
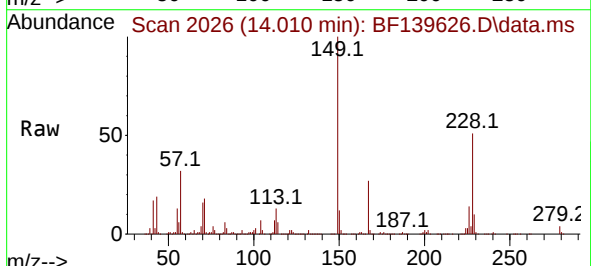
Tgt Ion:149 Resp: 529697

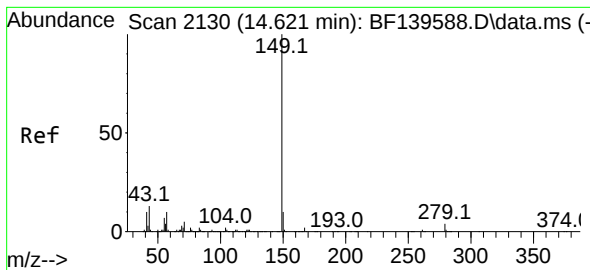
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

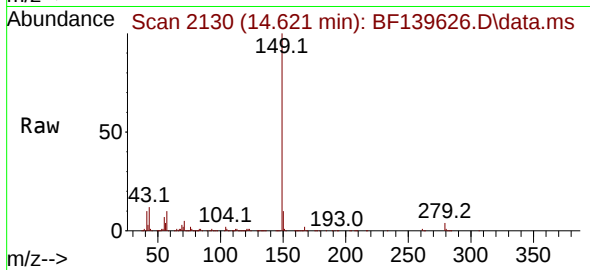
279 4.2 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.542 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

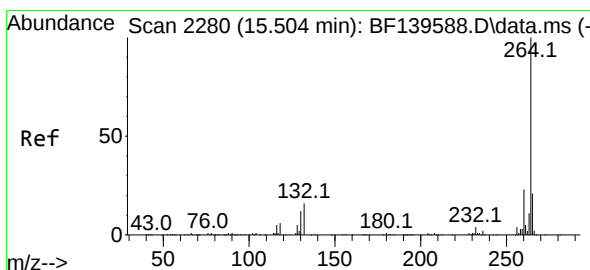
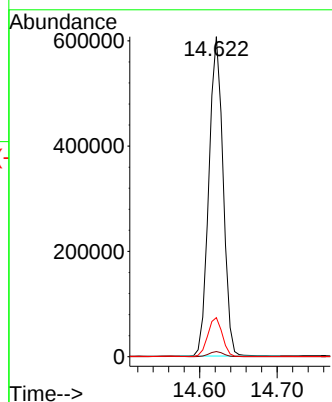
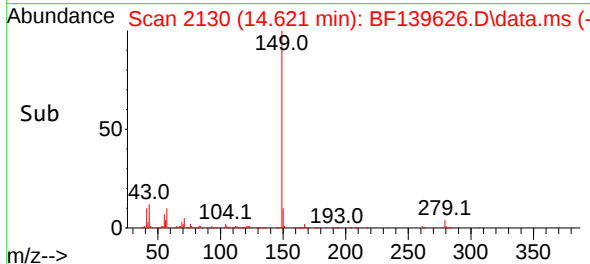
Instrument :
BNA_F
ClientSampleId :
PB163843BS



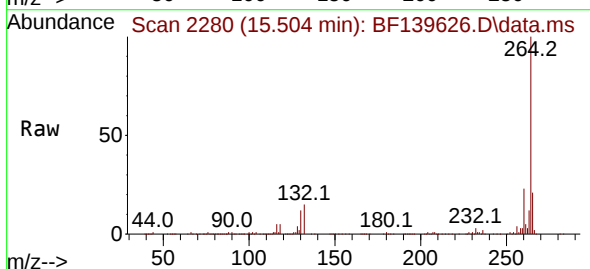
Tgt Ion:149 Resp: 77052
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 10.2 15.2

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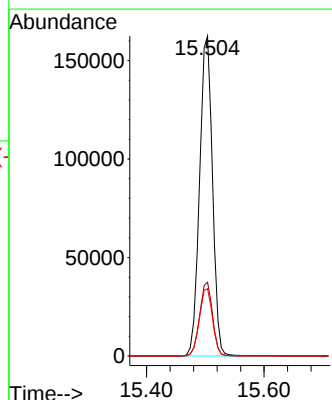
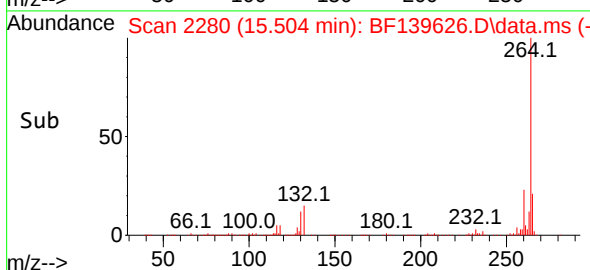
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

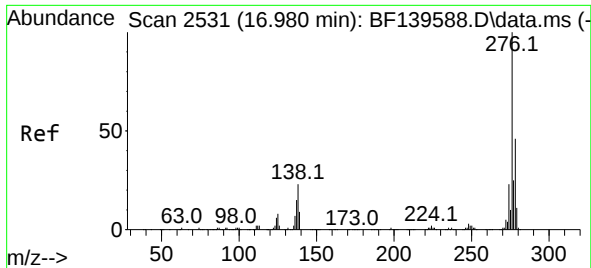


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:264 Resp: 247526
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.0 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.225 ng
RT: 16.980 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

Instrument :

BNA_F

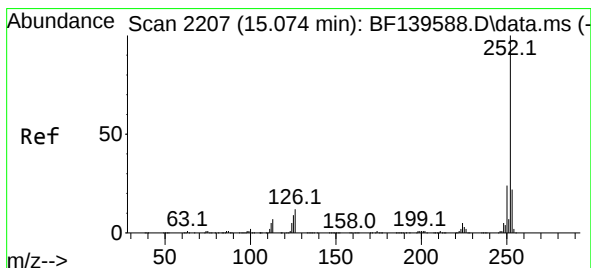
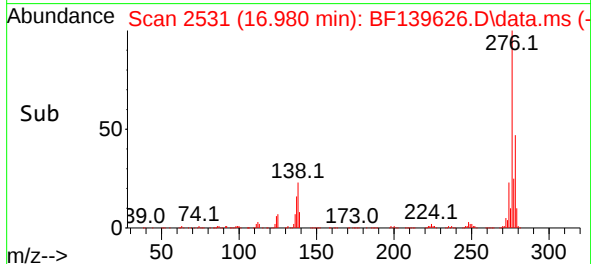
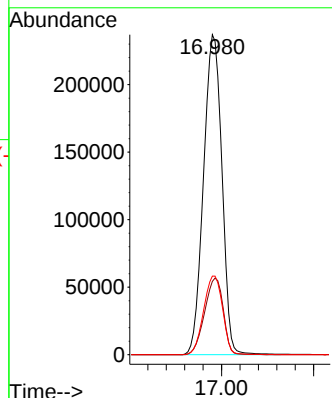
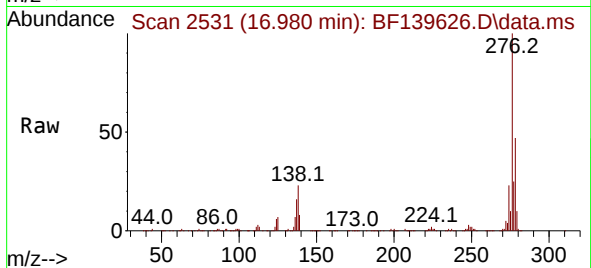
ClientSampleId :

PB163843BS

Tgt Ion:276 Resp: 65887
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 25.3 20.2 30.2

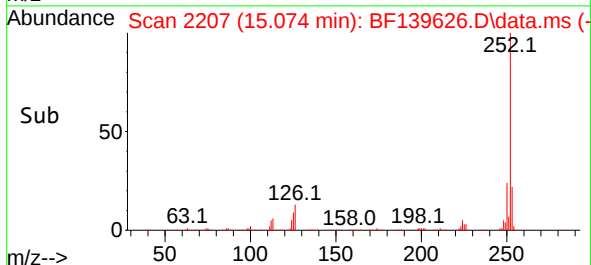
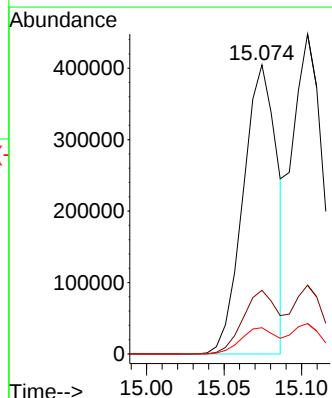
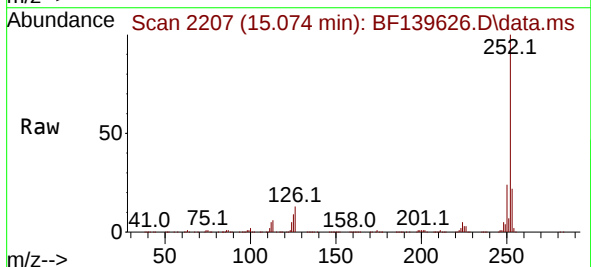
Manual Integrations
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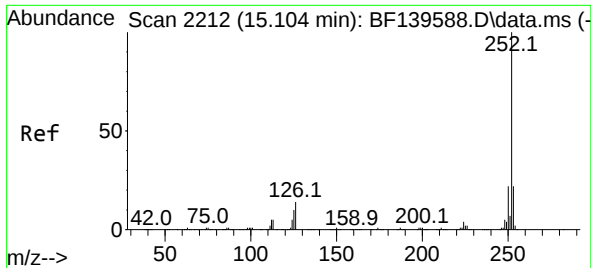
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#88
Benzo(b)fluoranthene
Concen: 38.460 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

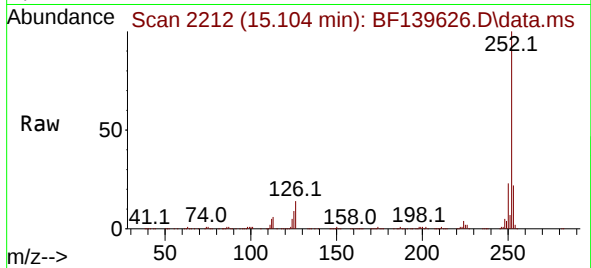
Tgt Ion:252 Resp: 615541
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.1 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 45.116 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

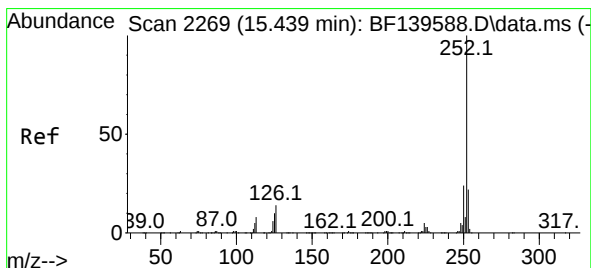
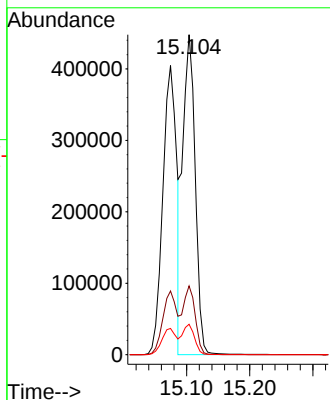
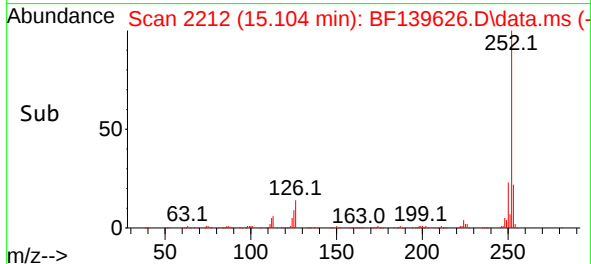
Instrument :
BNA_F
ClientSampleId :
PB163843BS



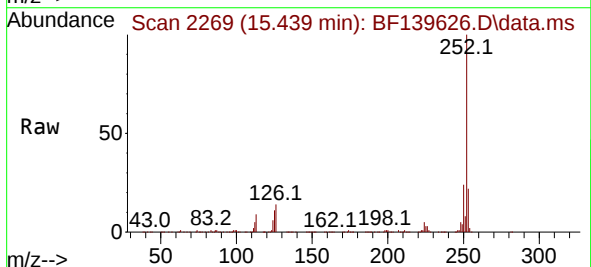
Tgt Ion:252 Resp: 612500
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.5 7.6 11.4

Manual Integrations
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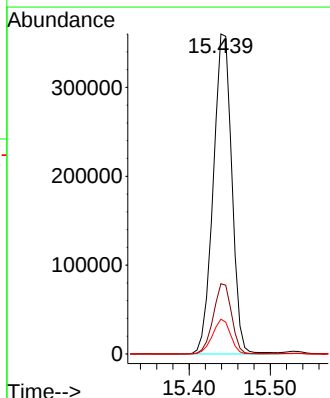
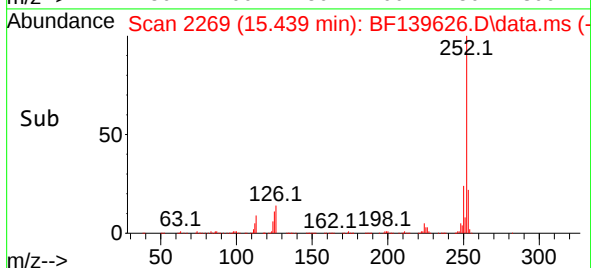
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

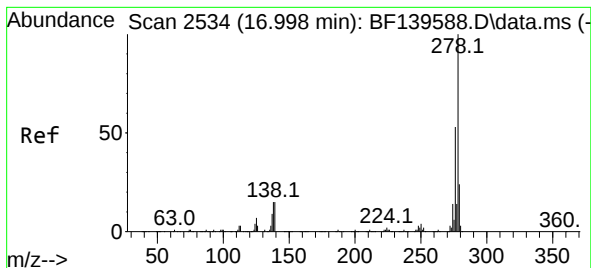


#90
Benzo(a)pyrene
Concen: 45.462 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



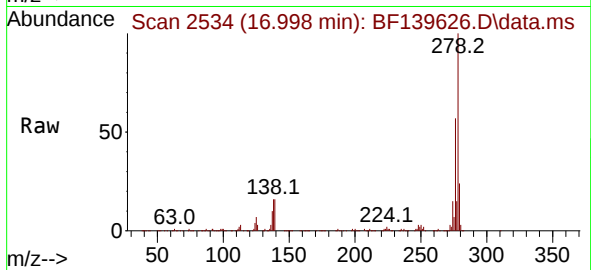
Tgt Ion:252 Resp: 573715
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.9 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 44.953 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44

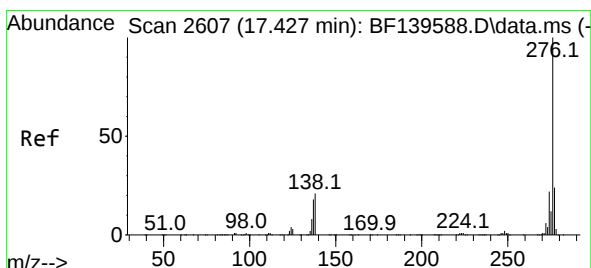
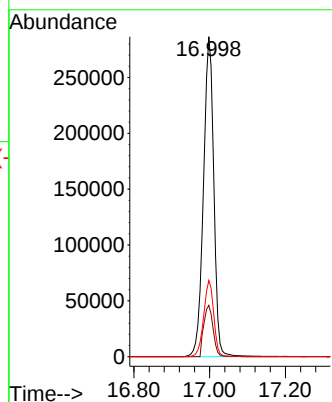
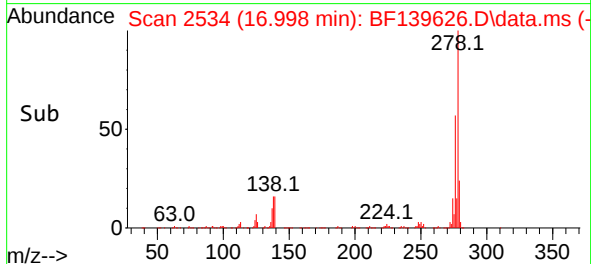
Instrument :
BNA_F
ClientSampleId :
PB163843BS



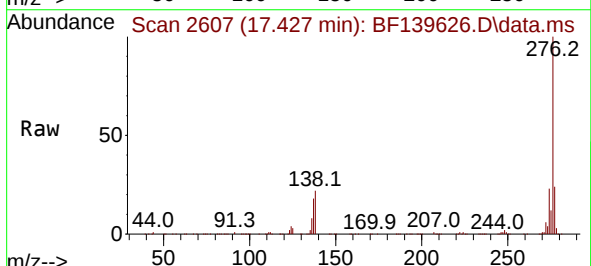
Tgt Ion:278 Resp: 54318
Ion Ratio Lower Upper
278 100
139 16.0 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 40.529 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF139626.D
Acq: 03 Oct 2024 12:44



Tgt Ion:276 Resp: 491155
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.5 17.0 25.6

