

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139746.D
 Acq On : 10 Oct 2024 15:05
 Operator : RC/JU
 Sample : P4340-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 15:46:12 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	80643	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308129	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	168907	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	277070	20.000	ng	0.00
76) Chrysene-d12	14.033	240	166363	20.000	ng	0.00
86) Perylene-d12	15.504	264	173917	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	618624	132.960	ng	0.02
7) Phenol-d6	6.510	99	773444	123.614	ng	0.00
23) Nitrobenzene-d5	7.433	82	564078	92.687	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	201978	123.873	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1013940	92.156	ng	0.00
79) Terphenyl-d14	12.974	244	838296	82.681	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	95641	47.546	ng	# 80
3) Pyridine	3.522	79	199239	40.726	ng	97
4) n-Nitrosodimethylamine	3.451	42	161683	50.490	ng	96
6) Aniline	6.534	93	119600	21.541	ng	# 32
8) 2-Chlorophenol	6.657	128	262963	52.752	ng	99
9) Benzaldehyde	6.422	77	34066	10.278	ng	99
10) Phenol	6.522	94	315899	48.015	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	267769	49.987	ng	99
12) 1,3-Dichlorobenzene	6.810	146	274392	48.931	ng	99
13) 1,4-Dichlorobenzene	6.886	146	276307	48.649	ng	100
14) 1,2-Dichlorobenzene	7.039	146	264149	49.624	ng	99
15) Benzyl Alcohol	7.016	79	257367	53.835	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	474379	51.154	ng	77
17) 2-Methylphenol	7.128	107	212759	51.126	ng	98
18) Hexachloroethane	7.381	117	100580	47.478	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	203600	50.613	ng	98
20) 3+4-Methylphenols	7.281	107	277109	53.015	ng	97
22) Acetophenone	7.281	105	370582	50.667	ng	95
24) Nitrobenzene	7.451	77	310951	49.342	ng	99
25) Isophorone	7.692	82	550340	50.914	ng	99
26) 2-Nitrophenol	7.769	139	144072	53.179	ng	98
27) 2,4-Dimethylphenol	7.804	122	214035	64.535	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	322761	50.005	ng	99
29) 2,4-Dichlorophenol	8.010	162	224692	51.940	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	231532	47.327	ng	99
31) Naphthalene	8.175	128	802893	50.964	ng	100
32) Benzoic acid	7.939	122	161521	48.978	ng	92
33) 4-Chloroaniline	8.222	127	36462	6.837	ng	99
34) Hexachlorobutadiene	8.286	225	148982	47.058	ng	99
35) Caprolactam	8.598	113	61940	43.654	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	245034	50.038	ng	99
37) 2-Methylnaphthalene	8.863	142	520383	50.717	ng	99
38) 1-Methylnaphthalene	8.963	142	482700	48.128	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	241415	51.471	ng	99
41) Hexachlorocyclopentadiene	9.010	237	152870	106.295	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	164385	51.990	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	173192	50.792	ng	98
46) 1,1'-Biphenyl	9.327	154	637413	50.738	ng	100
47) 2-Chloronaphthalene	9.351	162	475568	50.496	ng	99
48) 2-Nitroaniline	9.451	65	171830	50.826	ng	98
49) Acenaphthylene	9.769	152	773519	54.007	ng	100
50) Dimethylphthalate	9.627	163	575296	52.031	ng	100
51) 2,6-Dinitrotoluene	9.692	165	122642	49.102	ng	95
52) Acenaphthene	9.939	154	543845m	55.311	ng	
53) 3-Nitroaniline	9.863	138	49228	19.287	ng	94
54) 2,4-Dinitrophenol	9.975	184	125328	93.291	ng	95
55) Dibenzofuran	10.110	168	701517	50.957	ng	100
56) 4-Nitrophenol	10.033	139	166861	85.726	ng	95
57) 2,4-Dinitrotoluene	10.098	165	159523	48.862	ng	99
58) Fluorene	10.457	166	540032	49.251	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	139157	50.528	ng	98
60) Diethylphthalate	10.327	149	560873	49.111	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	266136	48.515	ng	97
62) 4-Nitroaniline	10.474	138	113502	43.474	ng	97
63) Azobenzene	10.604	77	569151	49.556	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	80459	51.417	ng	92
66) n-Nitrosodiphenylamine	10.569	169	465376	56.982	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	155202	54.633	ng	98
68) Hexachlorobenzene	11.004	284	165071	52.365	ng	98
69) Atrazine	11.092	200	130461	59.538	ng	99
70) Pentachlorophenol	11.198	266	178894	95.307	ng	98
71) Phenanthrene	11.416	178	695958	53.273	ng	99
72) Anthracene	11.469	178	706156	54.638	ng	99
73) Carbazole	11.627	167	613633	49.434	ng	100
74) Di-n-butylphthalate	11.951	149	790503	52.369	ng	99
75) Fluoranthene	12.610	202	651465	45.618	ng	99
77) Benzidine	12.727	184	66876	22.790	ng	100
78) Pyrene	12.833	202	661195	44.437	ng	100
80) Butylbenzylphthalate	13.451	149	258987	48.662	ng	96
81) Benzo(a)anthracene	14.021	228	595541	54.448	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	130196	38.894	ng	100
83) Chrysene	14.062	228	506334	50.634	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	341665	51.410	ng	99
85) Di-n-octyl phthalate	14.615	149	594112	60.850	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	469813	45.896	ng	99
88) Benzo(b)fluoranthene	15.074	252	565065	50.249	ng	99
89) Benzo(k)fluoranthene	15.104	252	484309	50.772	ng	100
90) Benzo(a)pyrene	15.445	252	492039	55.492	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	394074	46.415	ng	99
92) Benzo(g,h,i)perylene	17.433	276	335003	39.344	ng	99

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

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

Abundance

TIC: BF139746.D\data.ms

Time-->

1,4-Dioxane

n-Pyrrolidylmethylamine,

2-Fluorophenol, S

Benzaldehyde

2-Chlorophenyl ether

Phenol, C

Phenol-d6, S

1,4-Dichlorobenzene, C

Benzaldehyde

Hexachlorobenzene-d5, S

2-Nitrophenol, S

Benzoic acid

4-Chlorophenyl ether

Hexachlorobenzene

Caprolactam

4-Chloro-3-methylphenol, C

Hexachlorobenzene

2,4,6-Trichlorophenyl ether

2-Nitroaniline

2-Chlorophenyl ether

2,6-Dinitrophenyl ether

3-Nitroaniline

2-Nitrophenyl ether

2,3,4,6-Tetrachlorophenyl ether

4-Chlorophenyl ether

4-Bromophenyl ether

Atrazine

Pentachlorophenol, C

Phenanthrene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butylbenzylphthalate

2,3-Dichlorobenzylphthalate

Di-n-octyl phthalate, c

Benzo(a)fluoranthene

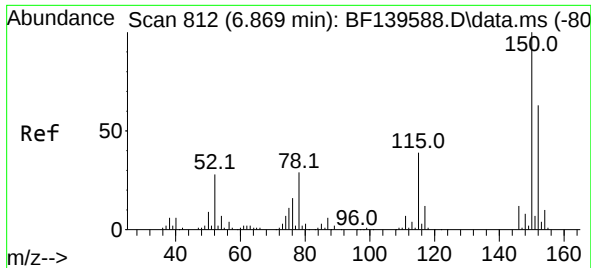
Benzo(a)anthracene

Perylene-d12

Benzo(a)pyrene, C

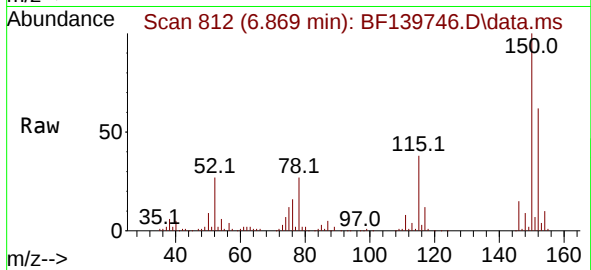
Benzo(a)anthracene

Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

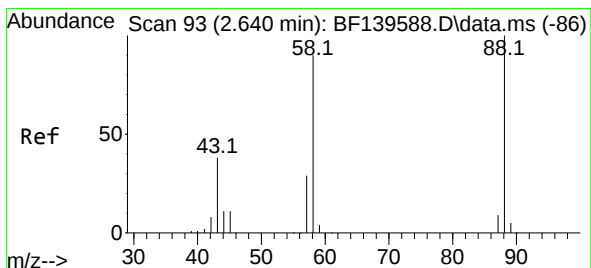
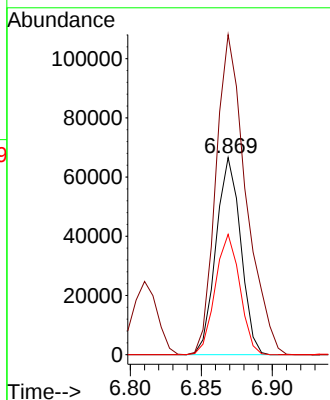
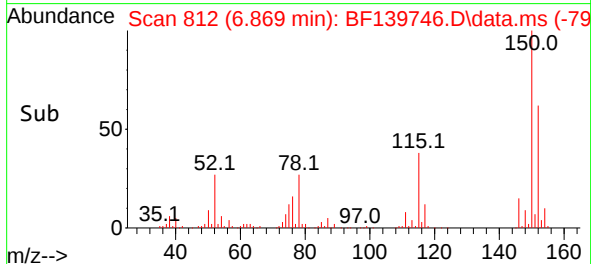
Instrument :
BNA_F
Client SampleId :
1B-7MSD



Tgt Ion: 152 Resp: 8064
Ion Ratio Lower Upper
152 100
150 162.3 127.2 190.8
115 61.1 49.0 73.4

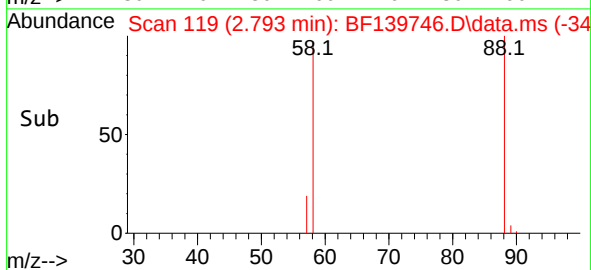
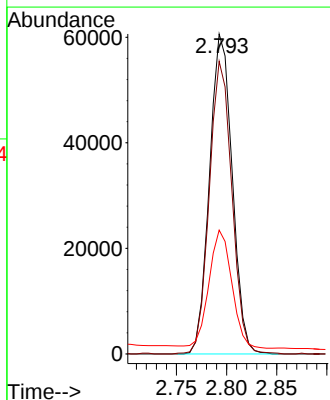
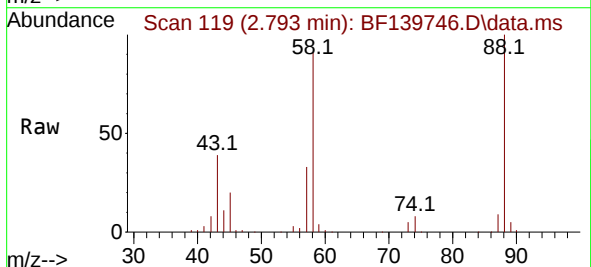
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#2
1,4-Dioxane
Concen: 47.546 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.153 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion: 88 Resp: 95641
Ion Ratio Lower Upper
88 100
58 91.0 72.0 108.0
43 0.0 30.8 46.2





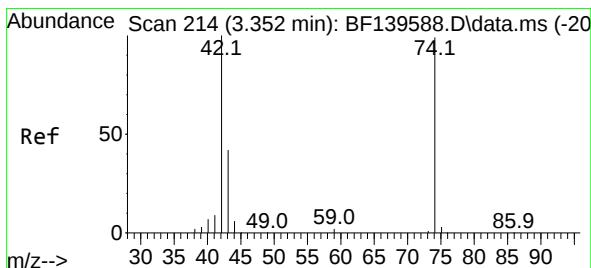
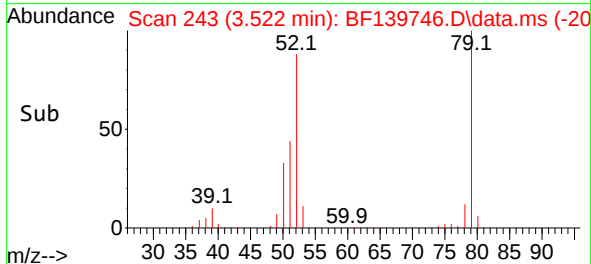
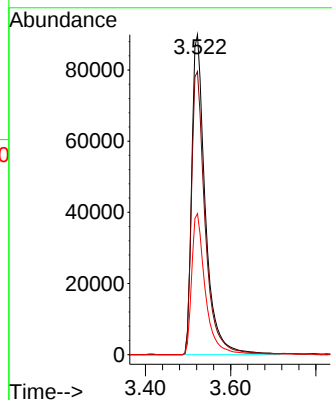
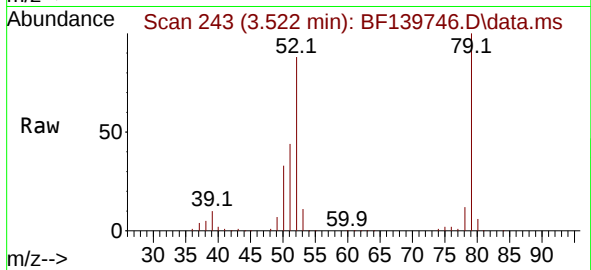
#3
Pyridine
Concen: 40.726 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.129 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Tgt Ion: 79 Resp: 199239
Ion Ratio Lower Upper
79 100
52 88.5 72.6 109.0
51 44.1 37.5 56.3

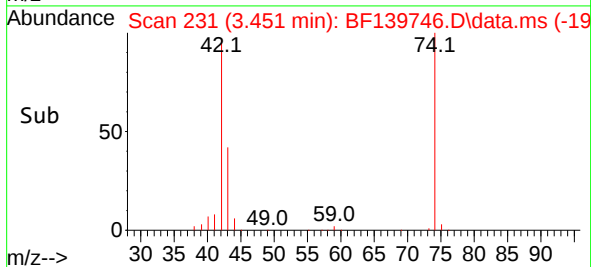
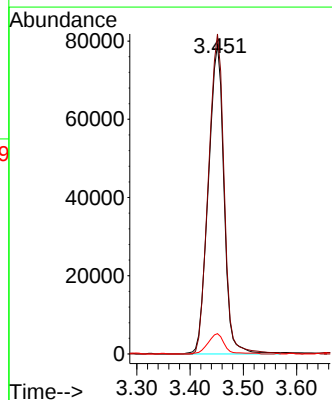
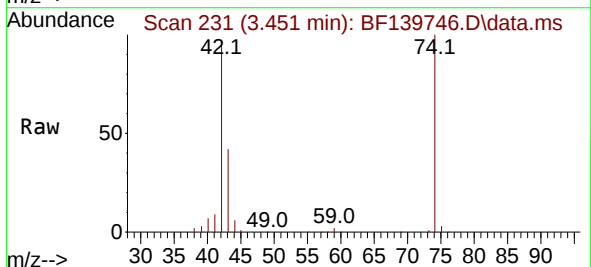
Manual Integrations
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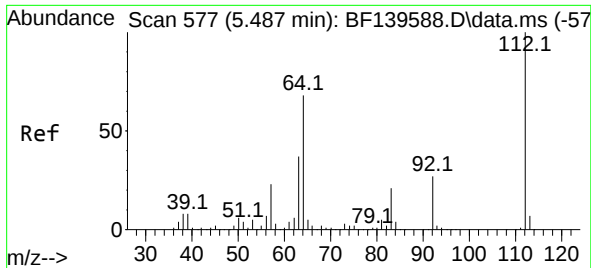
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#4
n-Nitrosodimethylamine
Concen: 50.490 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.100 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion: 42 Resp: 161683
Ion Ratio Lower Upper
42 100
74 103.3 79.0 118.6
44 6.6 5.2 7.8





#5
2-Fluorophenol
Concen: 132.960 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

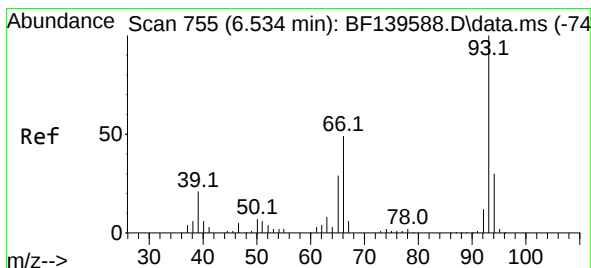
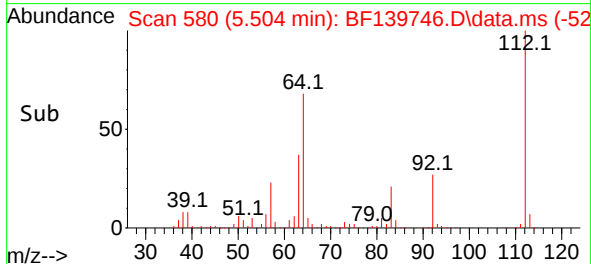
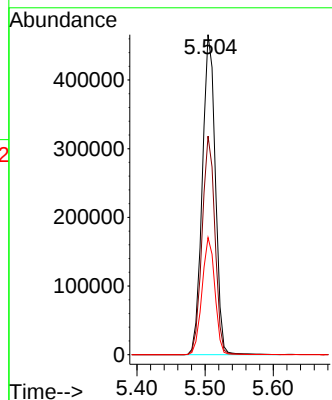
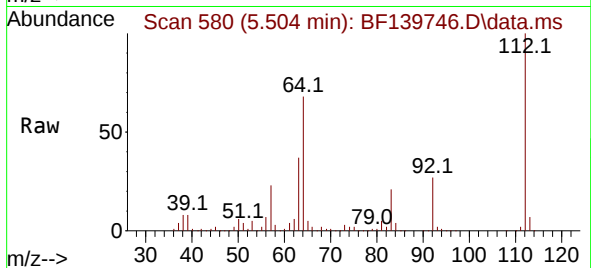
ClientSampleId :

1B-7MSD

Tgt Ion:112 Resp: 618624
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.6 29.4 44.2

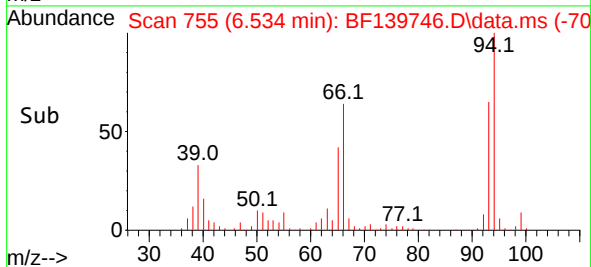
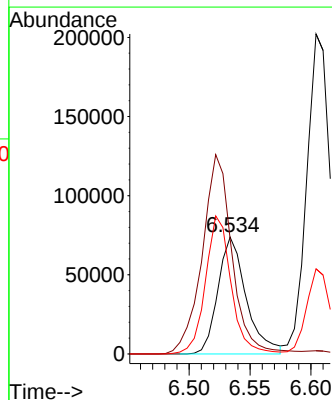
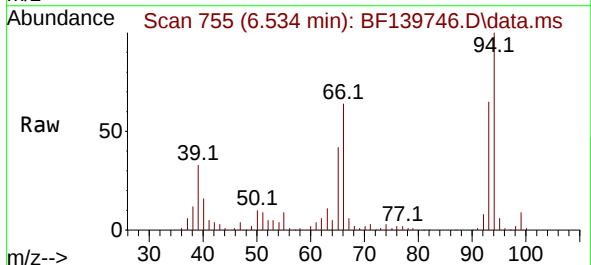
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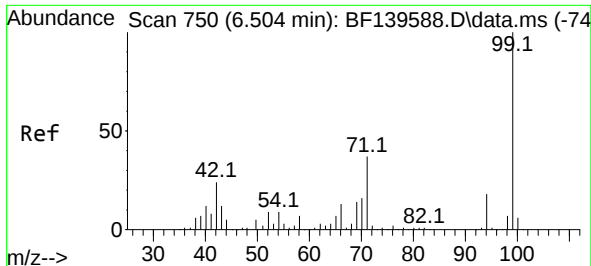
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#6
Aniline
Concen: 21.541 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

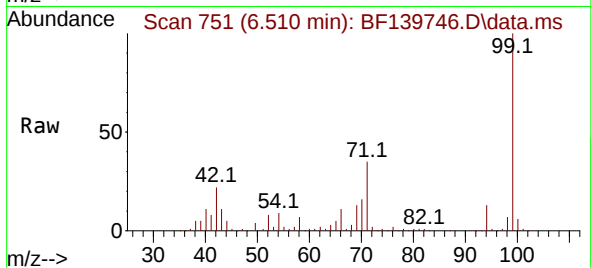
Tgt Ion: 93 Resp: 119600
Ion Ratio Lower Upper
93 100
66 98.4 40.9 61.3#
65 65.0 23.3 34.9#





#7
Phenol-d6
Concen: 123.614 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

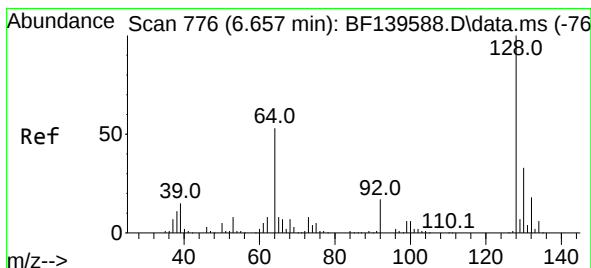
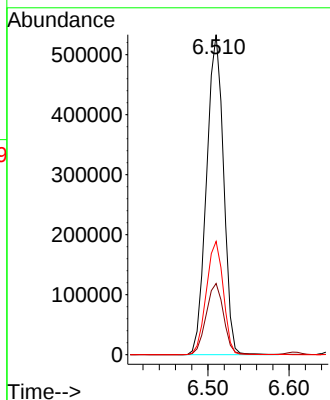
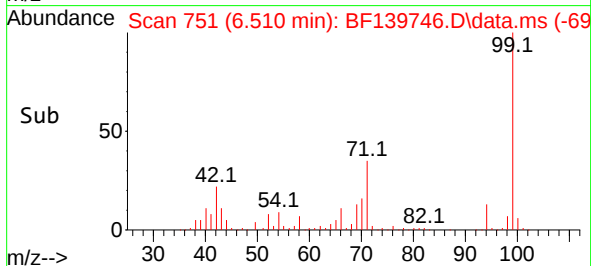
Instrument :
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Tgt Ion: 99 Resp: 77344
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.4 29.7 44.5

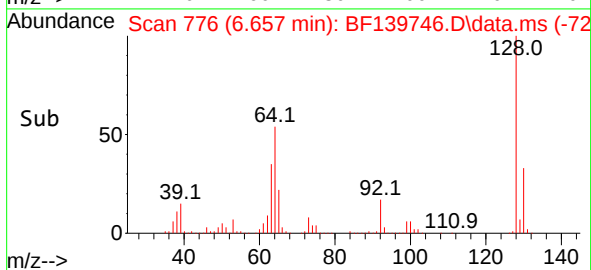
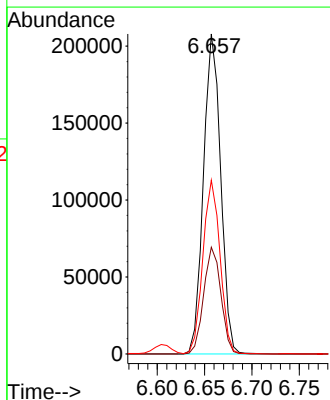
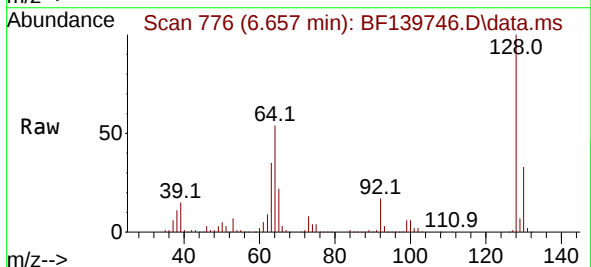
Manual Integrations
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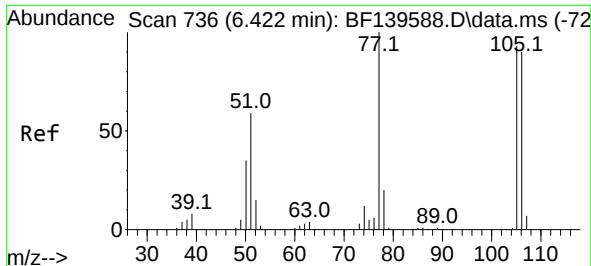
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#8
2-Chlorophenol
Concen: 52.752 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

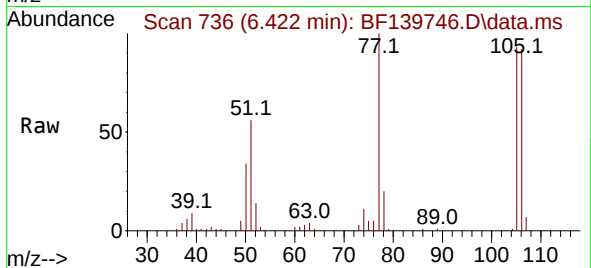
Tgt Ion:128 Resp: 262963
Ion Ratio Lower Upper
128 100
130 33.4 13.2 53.2
64 54.3 35.1 75.1





#9
Benzaldehyde
Concen: 10.278 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

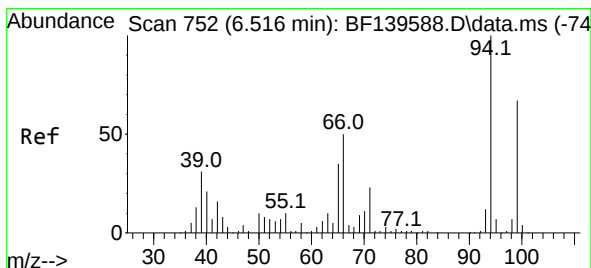
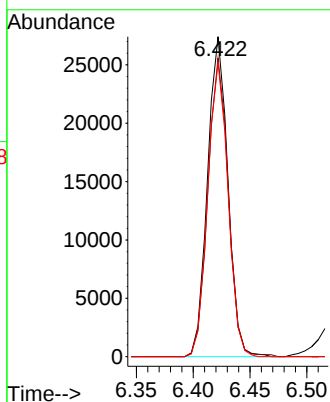
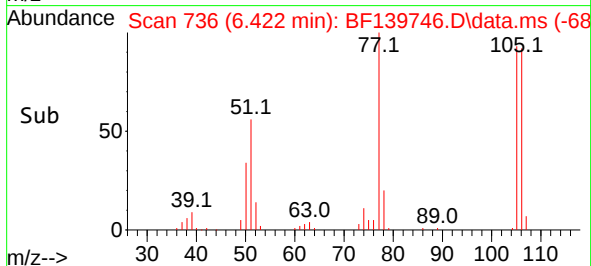
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion: 77 Resp: 3406
Ion Ratio Lower Upper
77 100
105 93.3 72.7 112.7
106 91.8 70.1 110.1

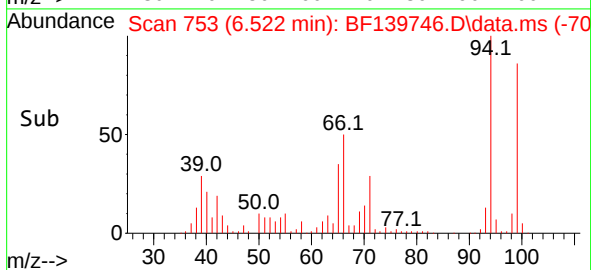
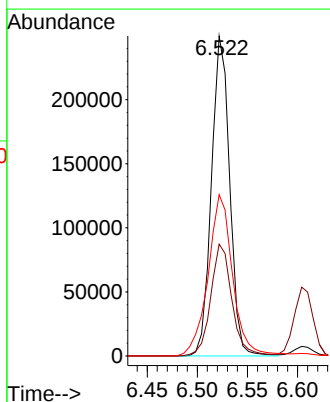
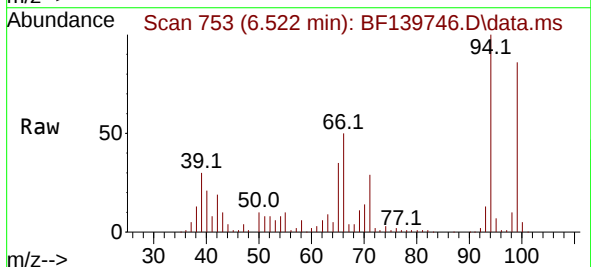
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#10
Phenol
Concen: 48.015 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion: 94 Resp: 315899
Ion Ratio Lower Upper
94 100
65 34.9 15.3 55.3
66 50.4 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 49.987 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion: 93 Resp: 267769

Ion Ratio Lower Upper

93 100

63 85.2 64.1 104.1

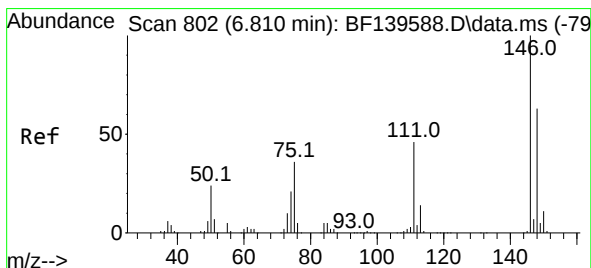
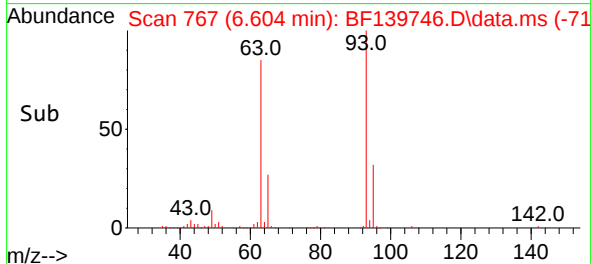
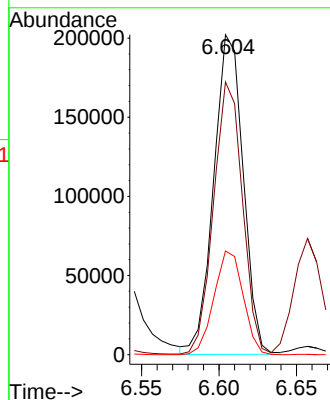
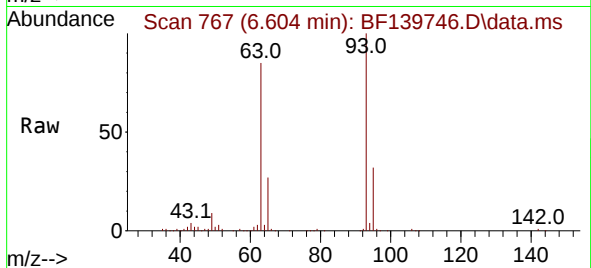
95 32.4 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#12

1,3-Dichlorobenzene

Concen: 48.931 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

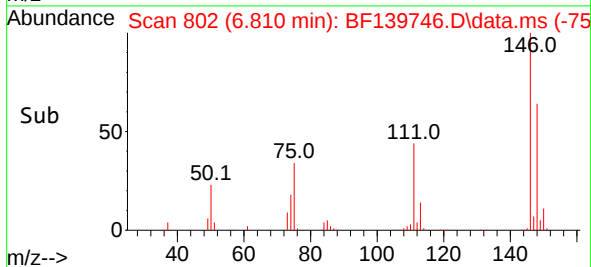
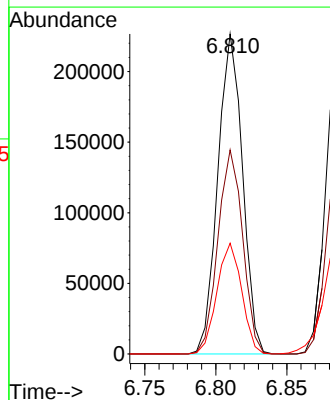
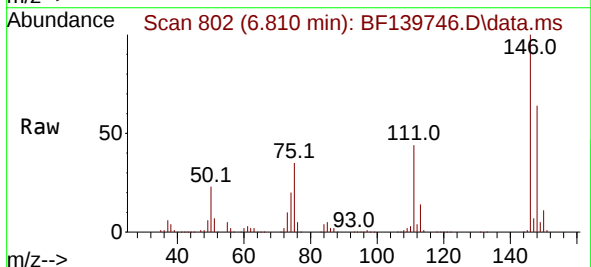
Tgt Ion:146 Resp: 274392

Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 48.649 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:146 Resp: 27630

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

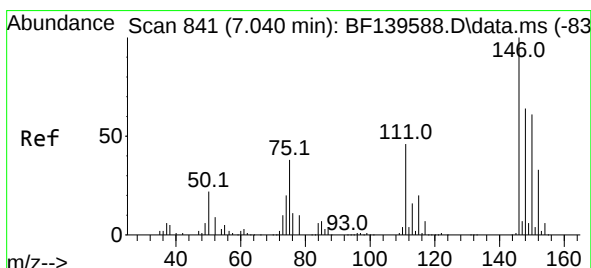
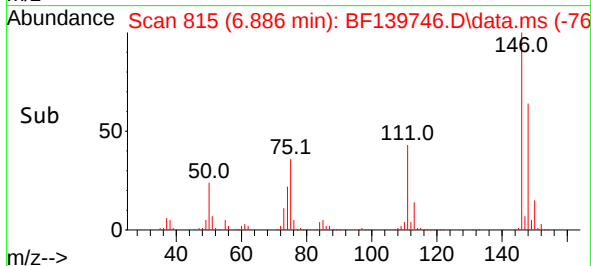
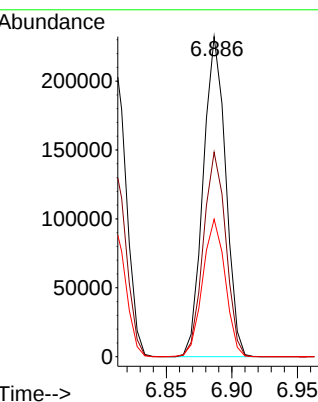
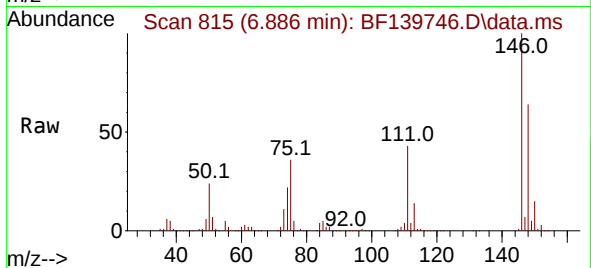
111 42.9 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#14

1,2-Dichlorobenzene

Concen: 49.624 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

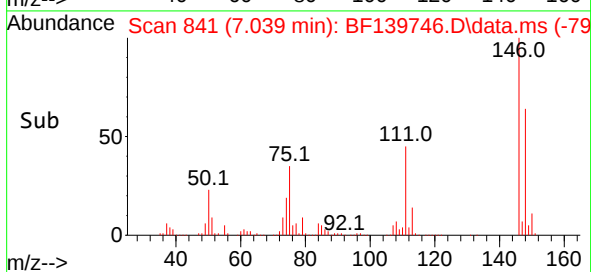
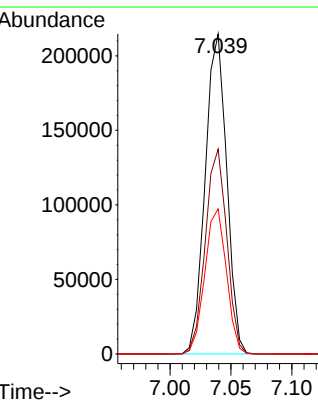
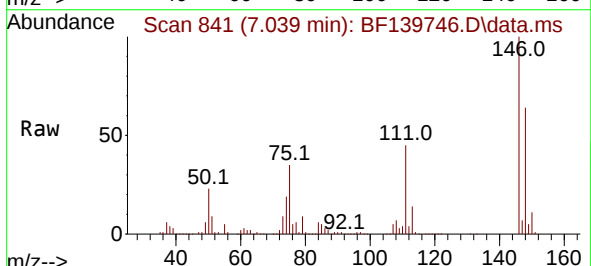
Tgt Ion:146 Resp: 264149

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

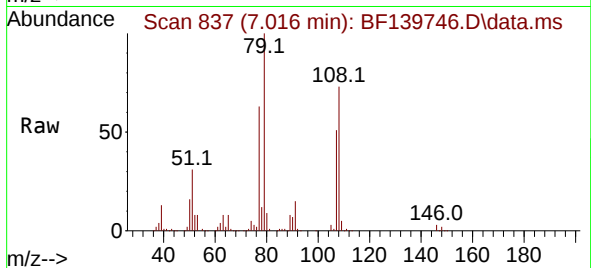
111 45.3 37.0 55.6





#15
Benzyl Alcohol
Concen: 53.835 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

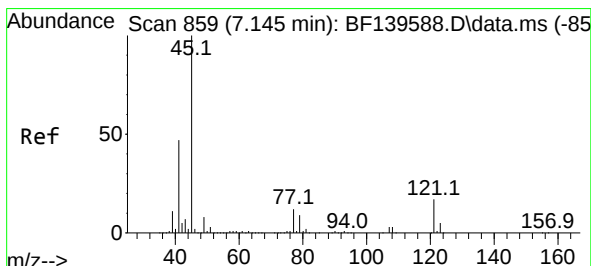
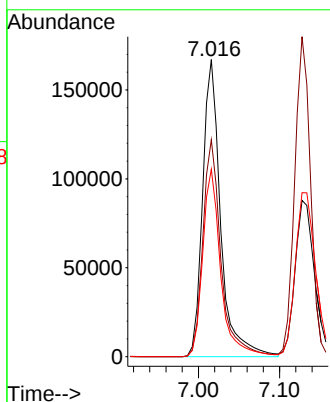
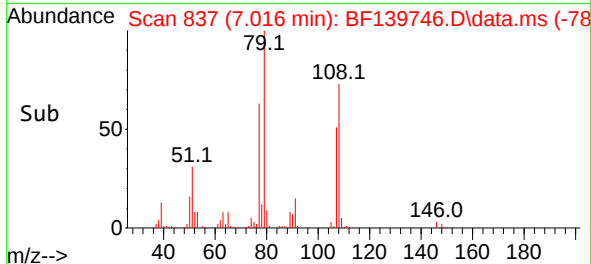
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion: 79 Resp: 25736
Ion Ratio Lower Upper
79 100
108 73.0 55.1 82.7
77 63.1 50.8 76.2

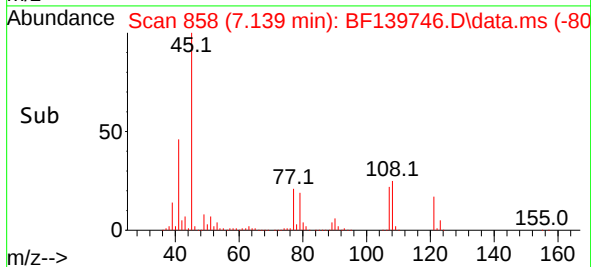
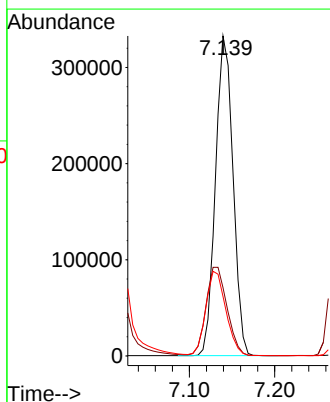
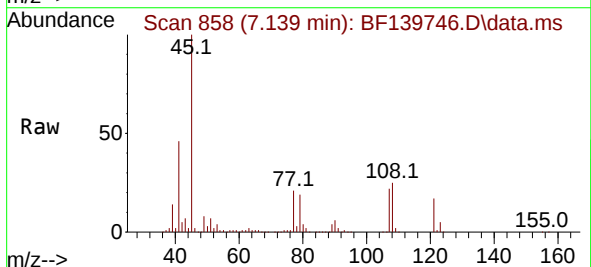
Manual Integrations
APPROVED

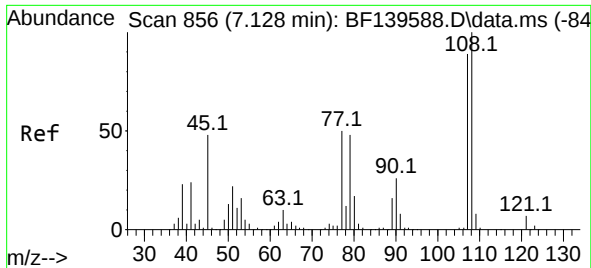
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.154 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion: 45 Resp: 474379
Ion Ratio Lower Upper
45 100
77 21.3 0.0 32.5
79 18.6 0.0 29.7





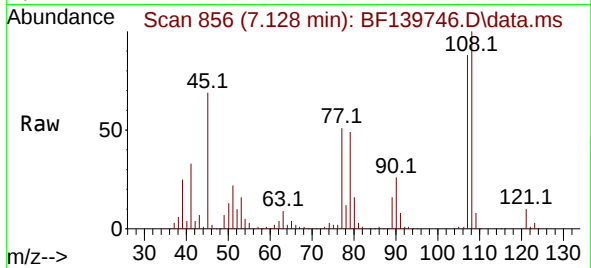
#17
2-Methylphenol
Concen: 51.126 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

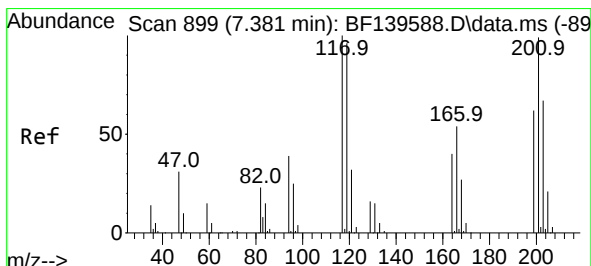
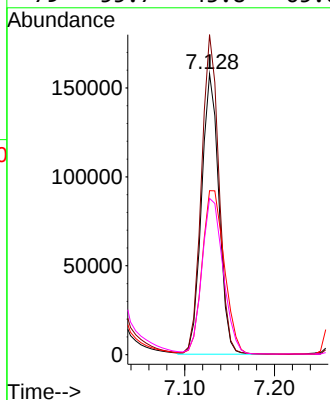
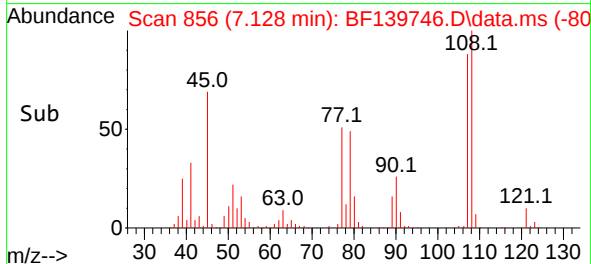


Tgt Ion:107 Resp: 212759
Ion Ratio Lower Upper
107 100
108 114.0 89.8 134.6
77 58.4 44.6 67.0
79 55.7 43.8 65.6

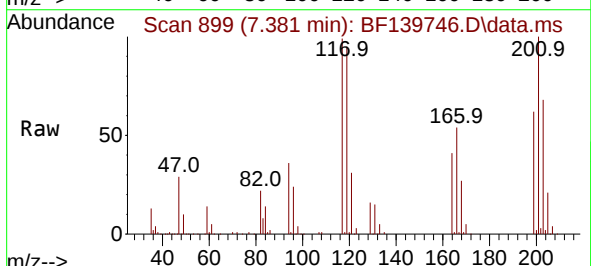
Manual Integrations

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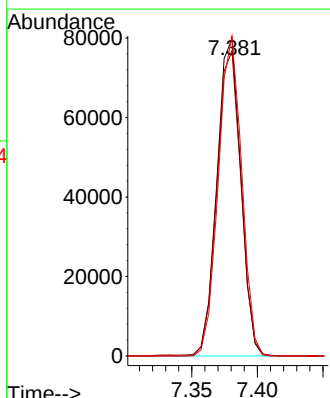
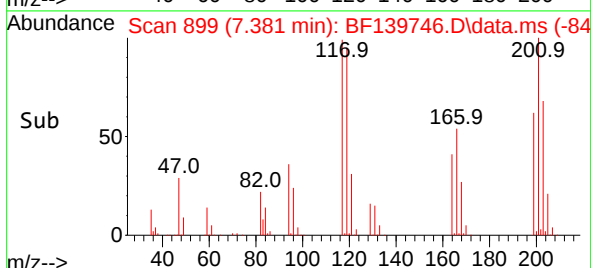
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

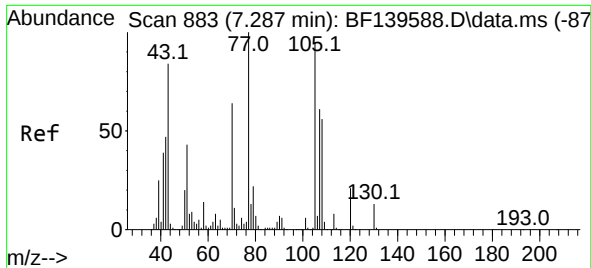


#18
Hexachloroethane
Concen: 47.478 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



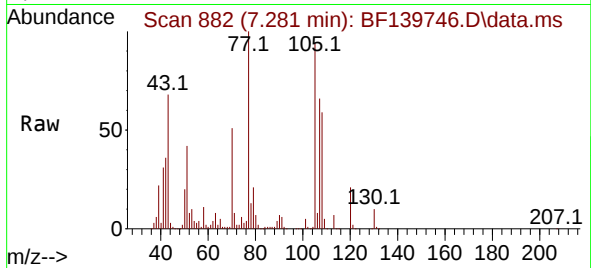
Tgt Ion:117 Resp: 100580
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6
201 101.0 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.613 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

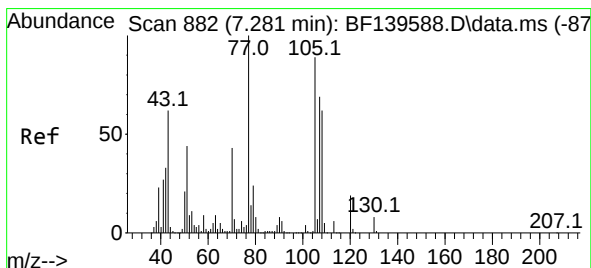
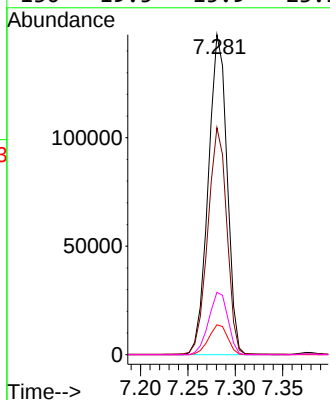
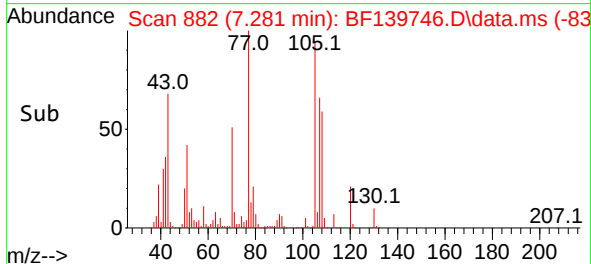
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



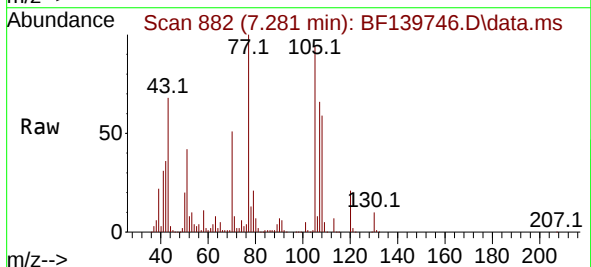
Tgt Ion: 70 Resp: 203600
Ion Ratio Lower Upper
70 100
42 71.0 58.0 87.0
101 9.4 7.8 11.8
130 19.5 15.9 23.9

Manual Integrations
APPROVED

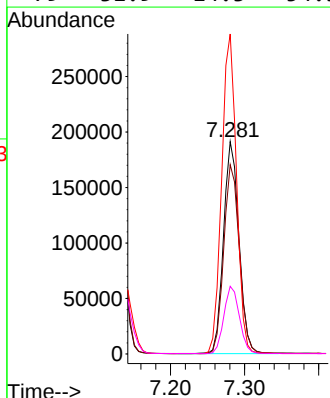
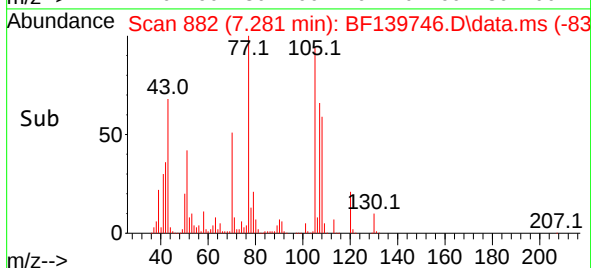
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#20
3+4-Methylphenols
Concen: 53.015 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



Tgt Ion:107 Resp: 277109
Ion Ratio Lower Upper
107 100
108 89.2 70.2 110.2
77 150.8 125.3 165.3
79 31.9 14.3 54.3





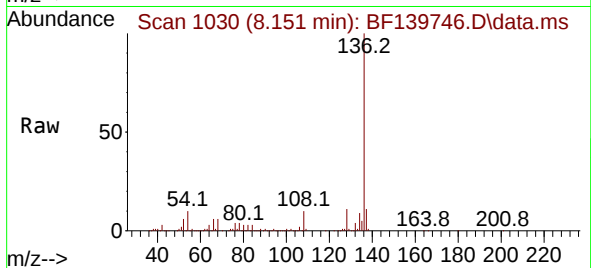
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

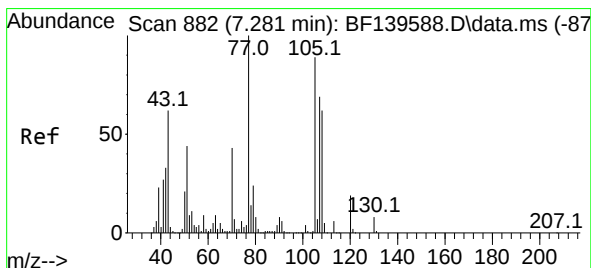
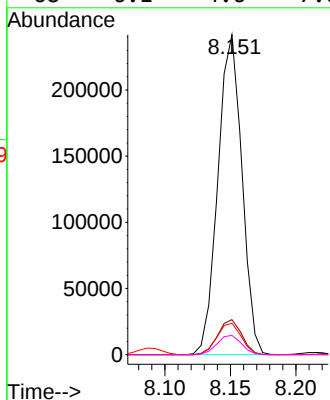
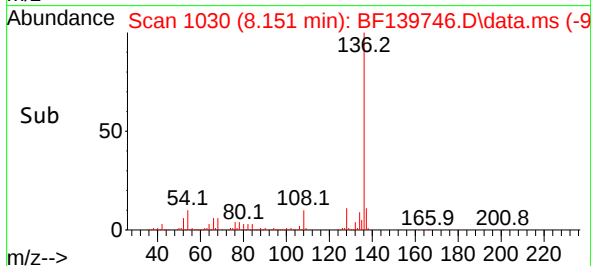


Tgt Ion:136 Resp: 308129
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

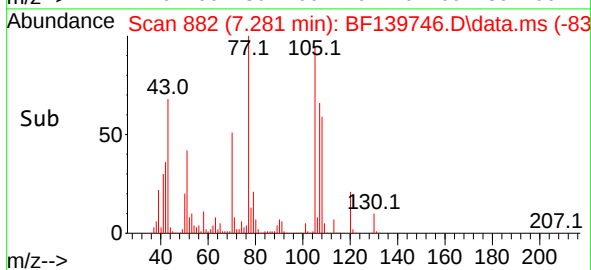
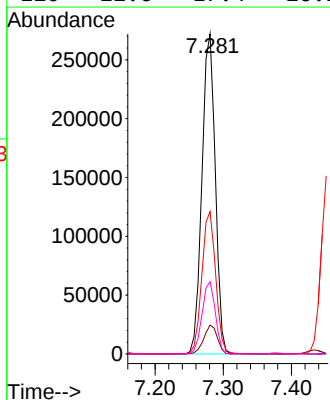
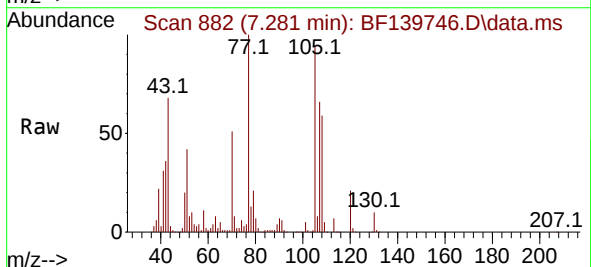
APPROVED

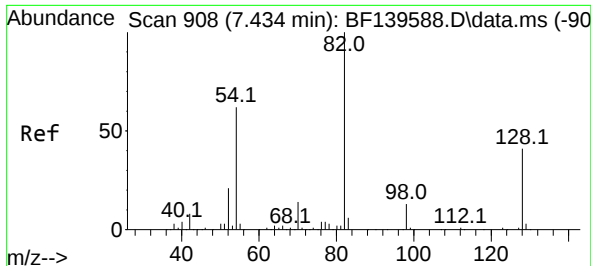
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#22
Acetophenone
Concen: 50.667 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:105 Resp: 370582
Ion Ratio Lower Upper
105 100
71 9.0 6.6 10.0
51 44.5 39.4 59.0
120 22.6 17.4 26.2





#23
Nitrobenzene-d5
Concen: 92.687 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

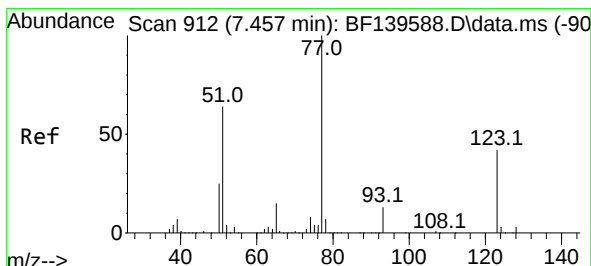
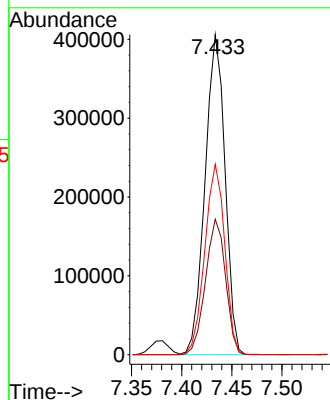
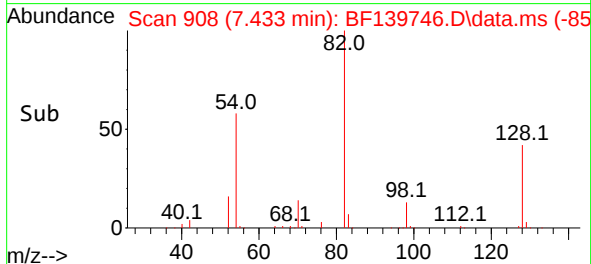
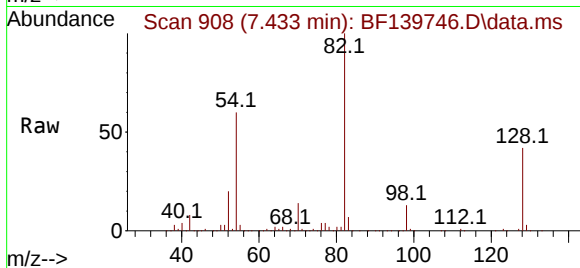
ClientSampleId :

1B-7MSD

Tgt Ion: 82 Resp: 564078
Ion Ratio Lower Upper
82 100
128 42.3 32.4 48.6
54 59.6 49.1 73.7

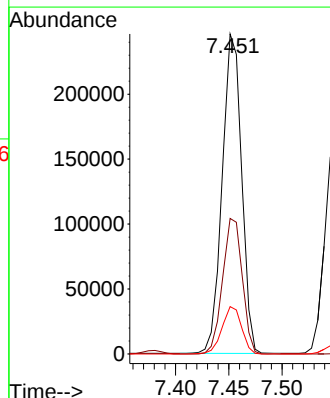
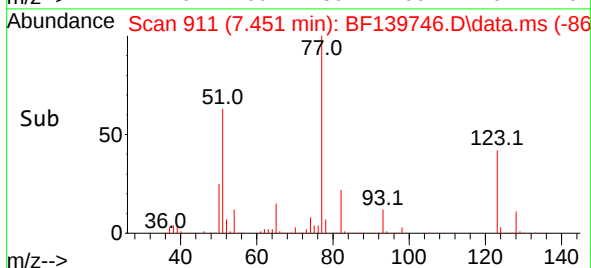
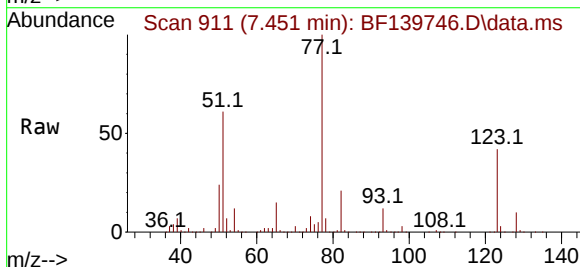
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#24
Nitrobenzene
Concen: 49.342 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

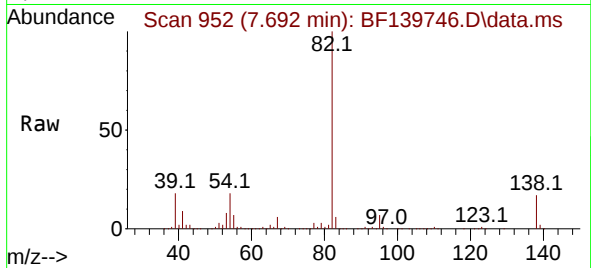
Tgt Ion: 77 Resp: 310951
Ion Ratio Lower Upper
77 100
123 42.3 34.2 51.4
65 14.8 12.1 18.1





#25
Isophorone
Concen: 50.914 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

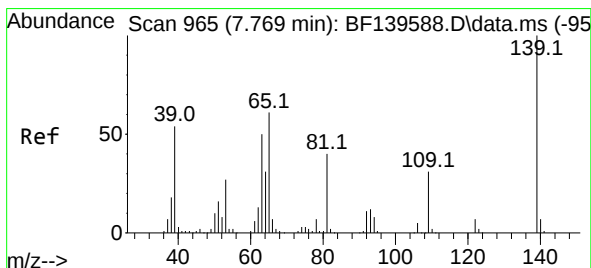
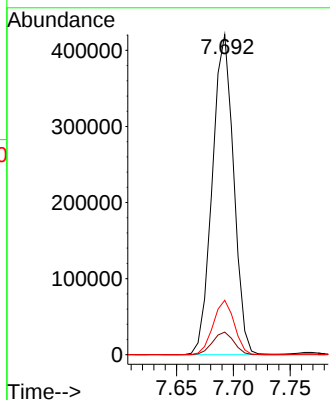
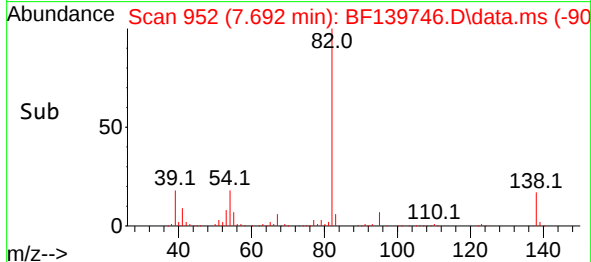
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion: 82 Resp: 550340
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 17.0 13.4 20.2

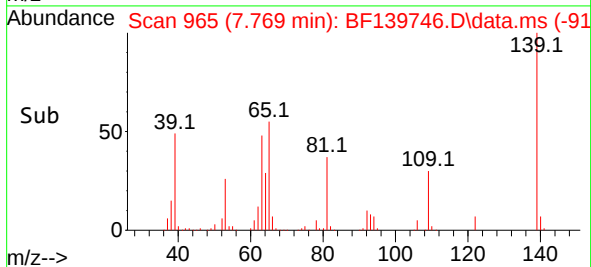
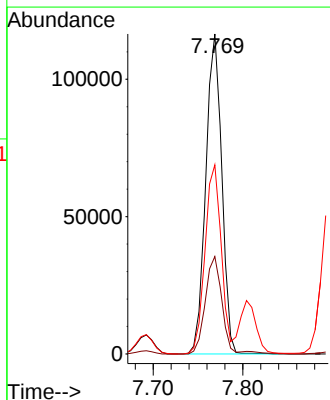
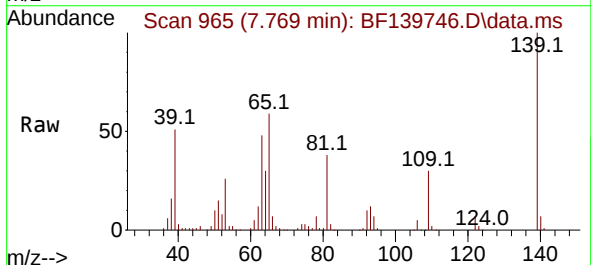
Manual Integrations
APPROVED

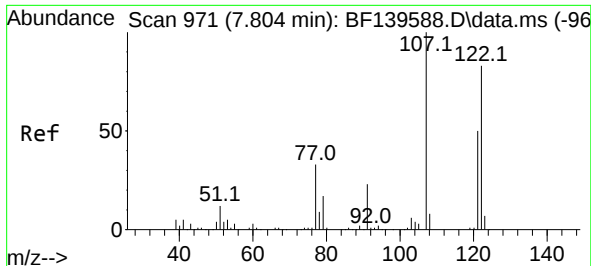
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#26
2-Nitrophenol
Concen: 53.179 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:139 Resp: 144072
Ion Ratio Lower Upper
139 100
109 30.5 24.9 37.3
65 59.1 48.6 72.8





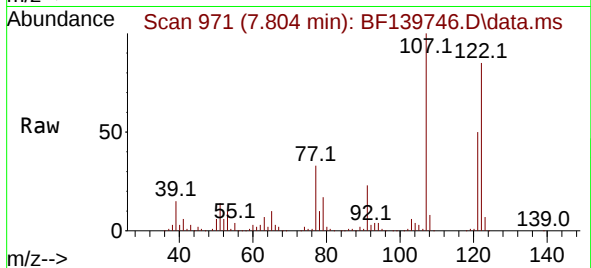
#27
2,4-Dimethylphenol
Concen: 64.535 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD



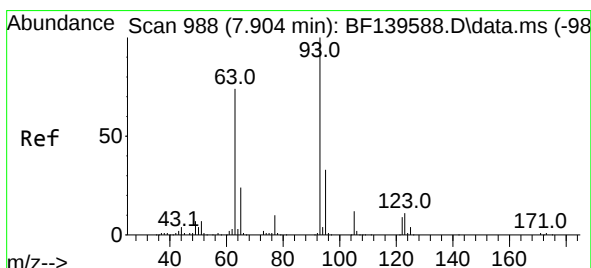
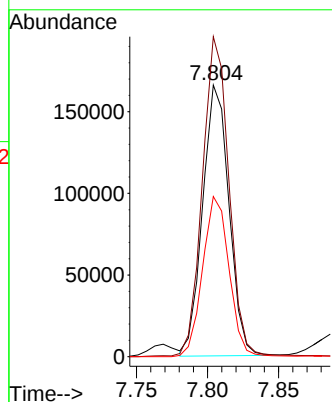
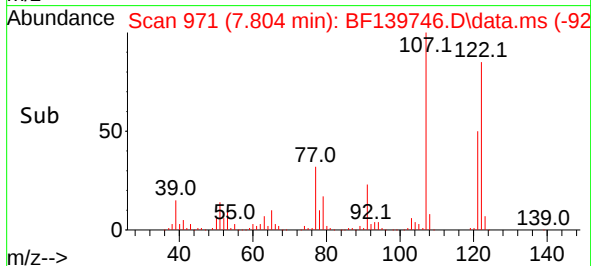
Tgt Ion:122 Resp: 21403
Ion Ratio Lower Upper
122 100
107 117.8 95.4 143.0
121 59.0 47.4 71.2

Manual Integrations

APPROVED

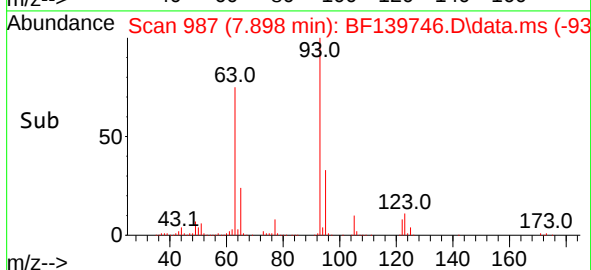
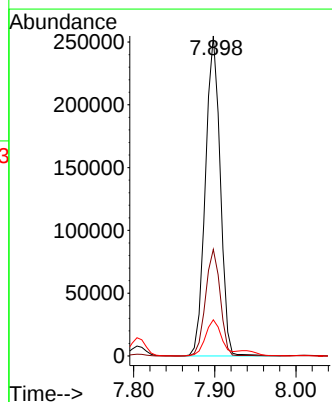
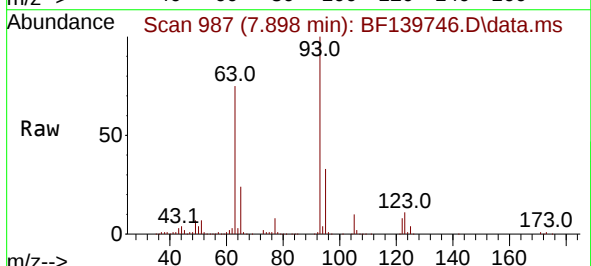
Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.005 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion: 93 Resp: 322761
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 11.3 9.4 14.0





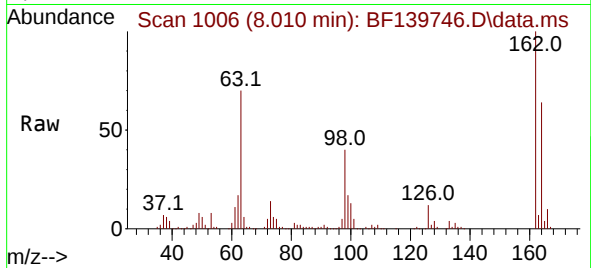
#29
2,4-Dichlorophenol
Concen: 51.940 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD



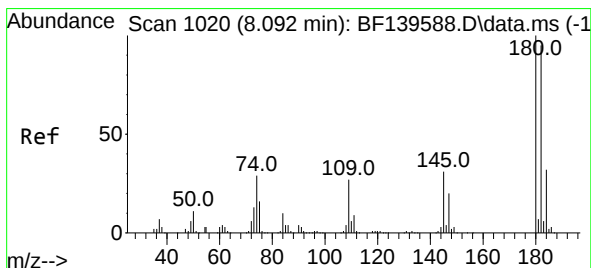
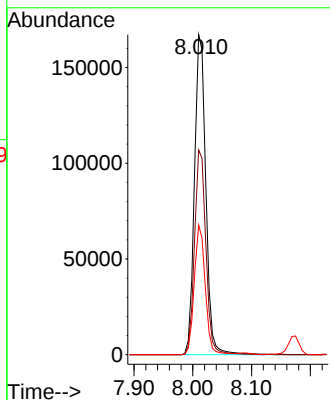
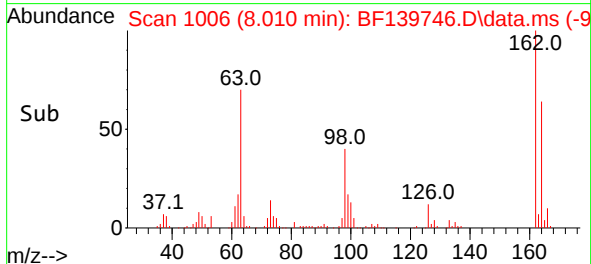
Tgt Ion:162 Resp: 224692
Ion Ratio Lower Upper
162 100
164 63.9 43.1 83.1
98 40.5 20.8 60.8

Manual Integrations

APPROVED

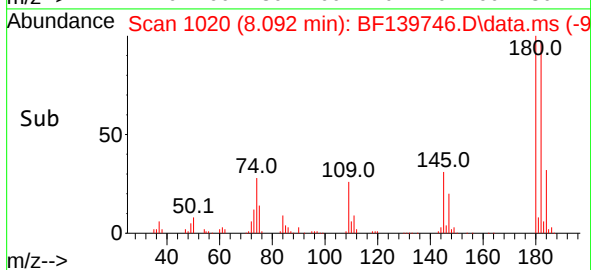
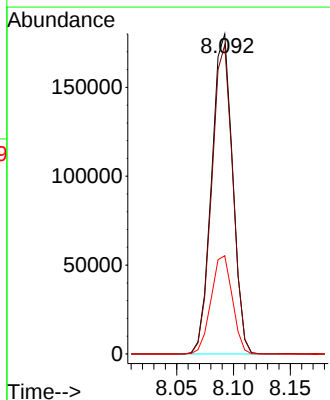
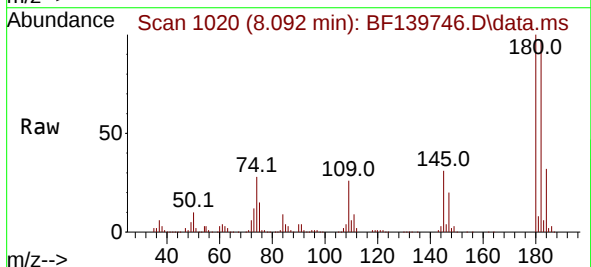
Reviewed By :Yogesh Patel 10/11/2024

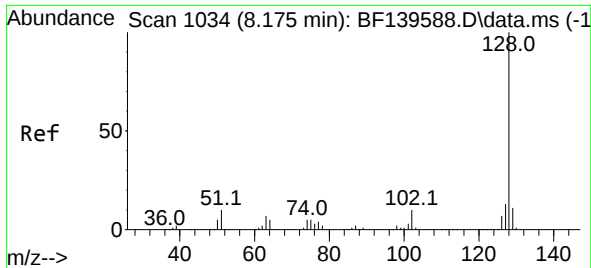
Supervised By :mohammad ahmed 10/11/2024



#30
1,2,4-Trichlorobenzene
Concen: 47.327 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

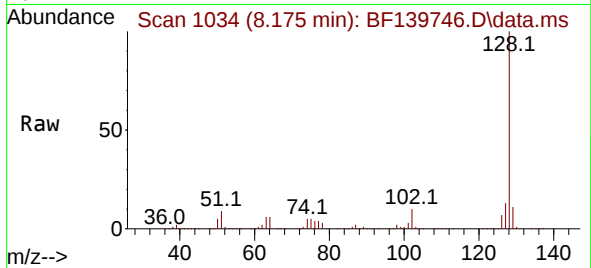
Tgt Ion:180 Resp: 231532
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 30.7 25.0 37.6





#31
Naphthalene
Concen: 50.964 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

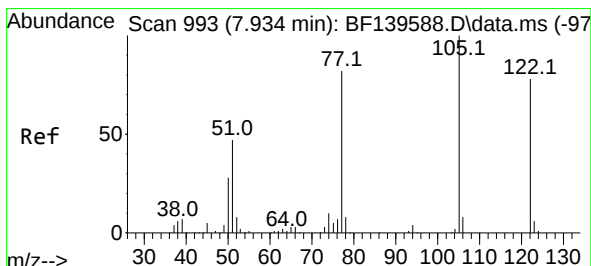
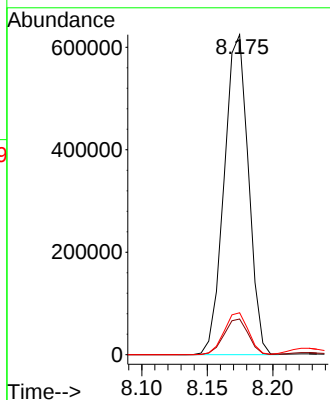
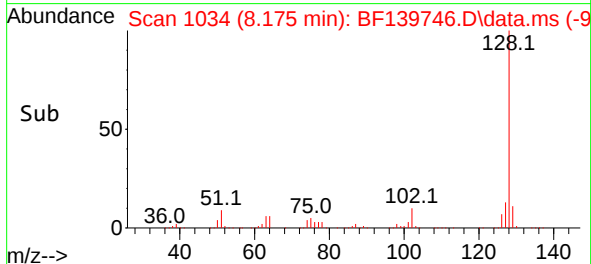
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



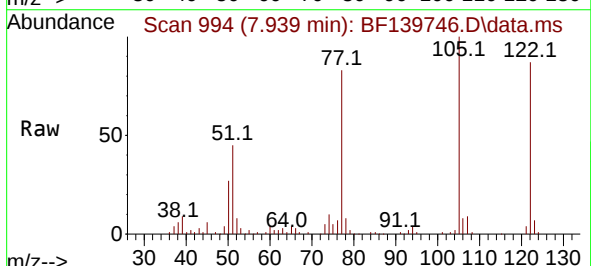
Tgt Ion:128 Resp: 80289
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations
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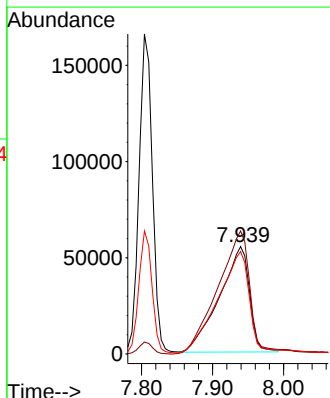
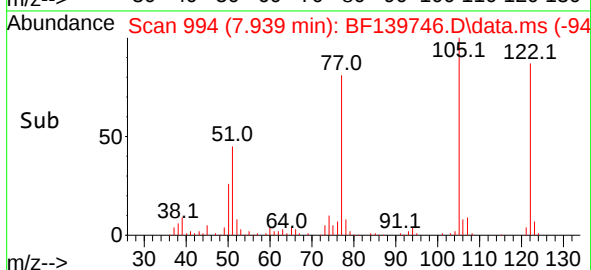
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

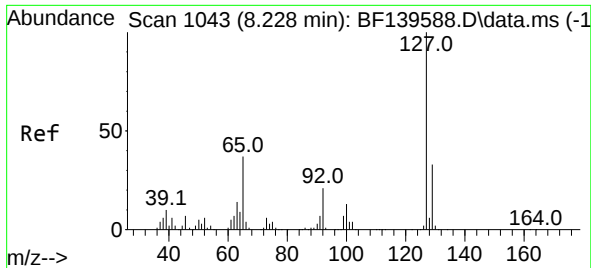


#32
Benzoic acid
Concen: 48.978 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



Tgt Ion:122 Resp: 161521
Ion Ratio Lower Upper
122 100
105 114.7 104.9 144.9
77 95.4 82.7 122.7





#33
4-Chloroaniline
Concen: 6.837 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

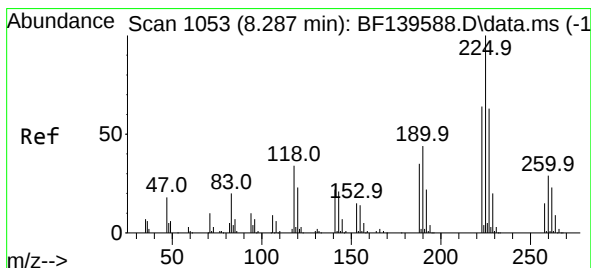
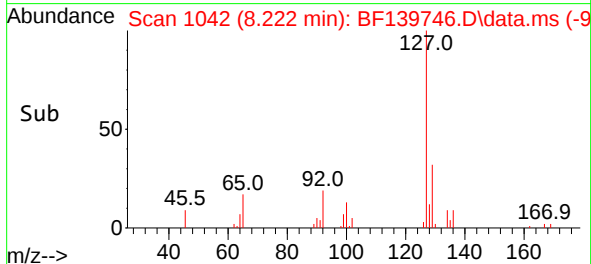
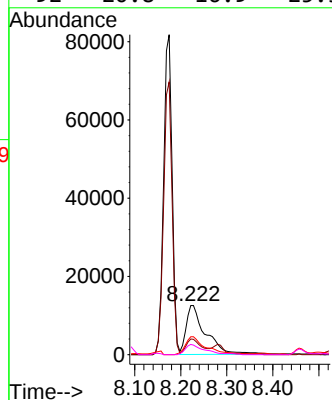
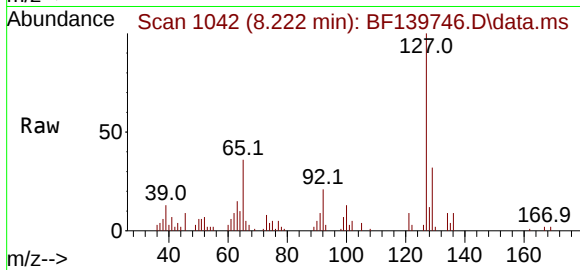
ClientSampleId :

1B-7MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	36.4	29.3	43.9
92	20.8	16.9	25.3

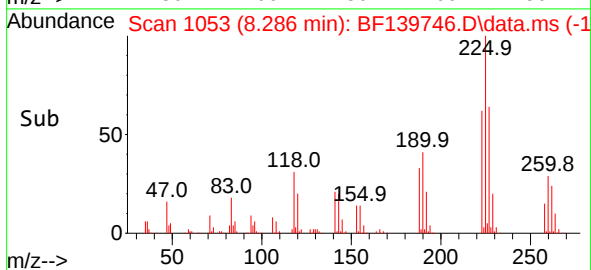
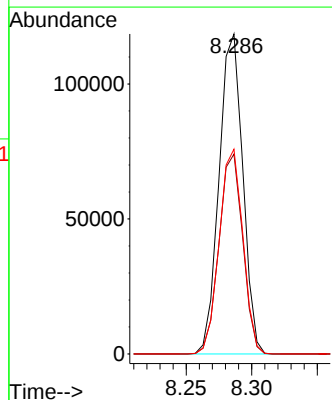
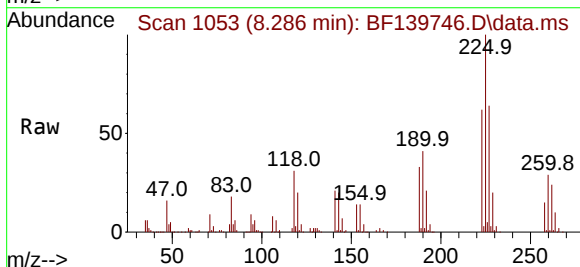
Manual Integrations
APPROVED

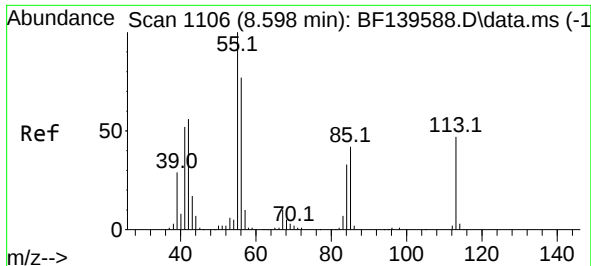
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#34
Hexachlorobutadiene
Concen: 47.058 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

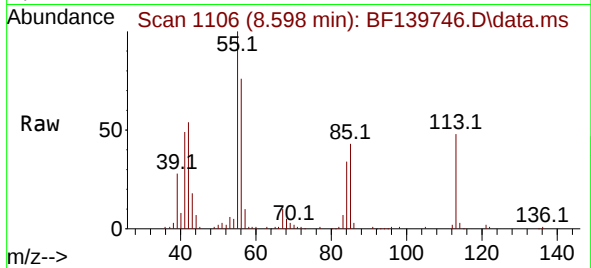
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.0	50.7	76.1





#35
Caprolactam
Concen: 43.654 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

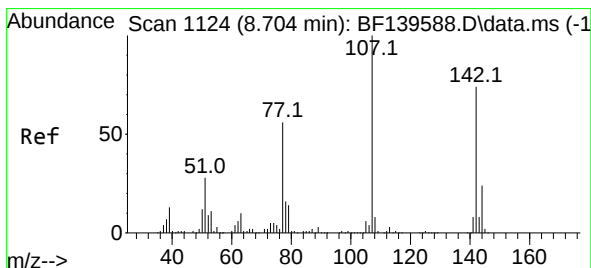
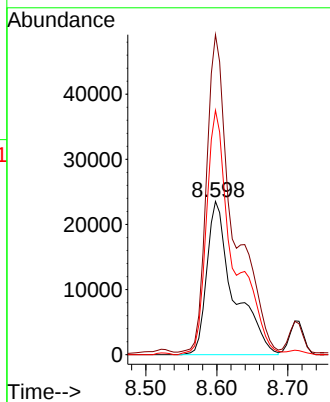
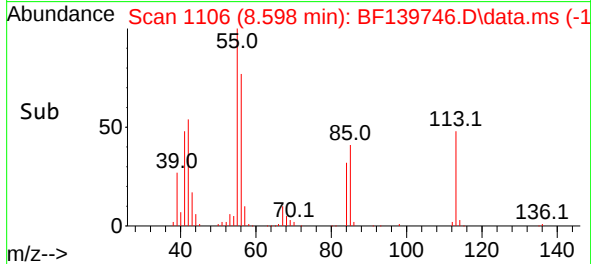
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:113 Resp: 61940
Ion Ratio Lower Upper
113 100
55 208.8 193.4 233.4
56 159.4 143.8 183.8

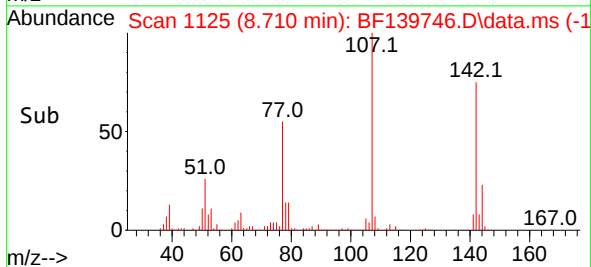
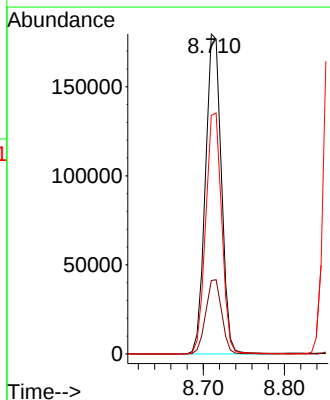
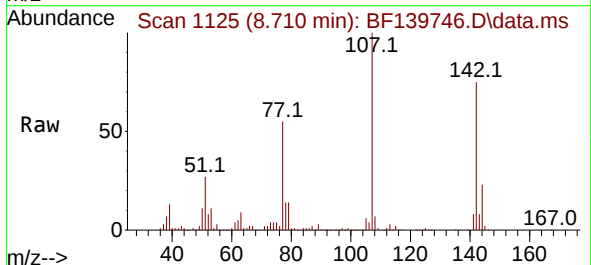
Manual Integrations
APPROVED

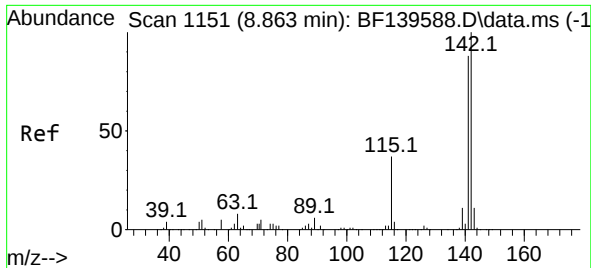
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#36
4-Chloro-3-methylphenol
Concen: 50.038 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:107 Resp: 245034
Ion Ratio Lower Upper
107 100
144 22.9 19.0 28.6
142 74.5 59.2 88.8





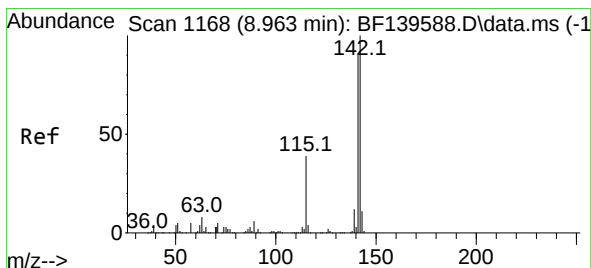
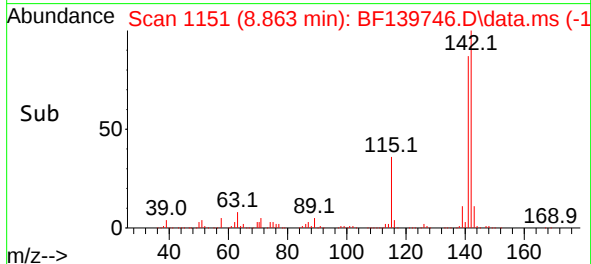
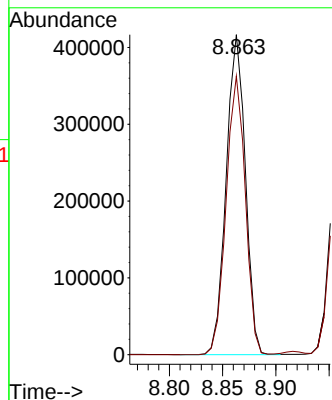
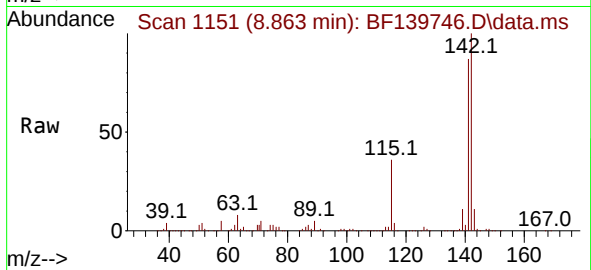
#37
2-Methylnaphthalene
Concen: 50.717 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Tgt Ion:142 Resp: 52038
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6

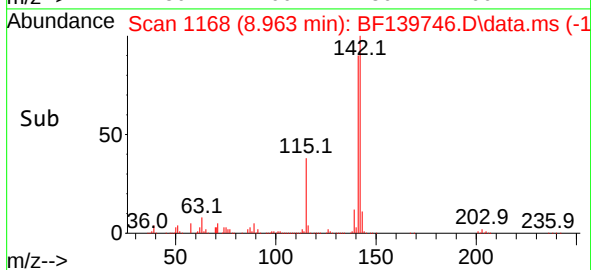
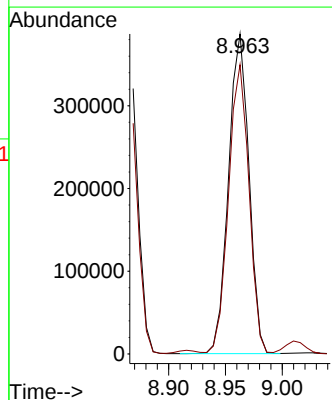
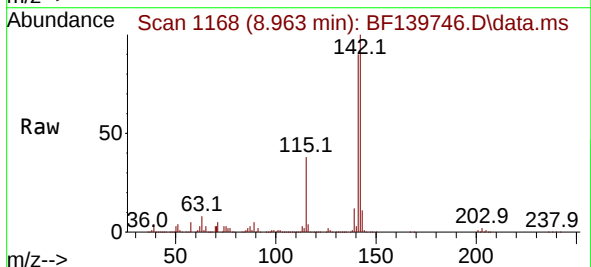
Manual Integrations
APPROVED

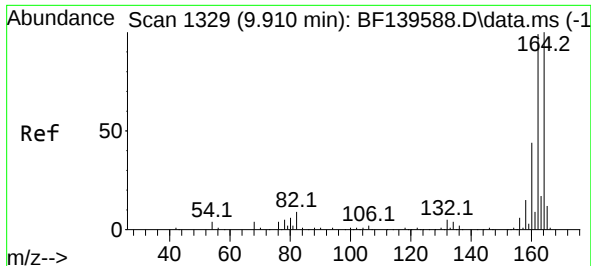
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#38
1-Methylnaphthalene
Concen: 48.128 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:142 Resp: 482700
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139746.D

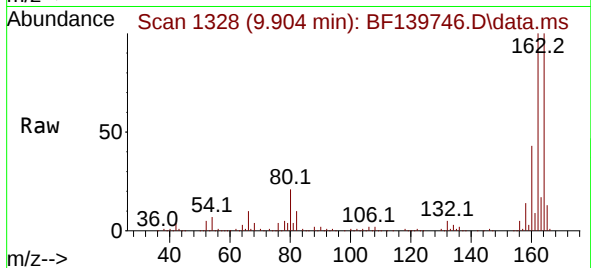
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD



Tgt Ion:164 Resp: 16890

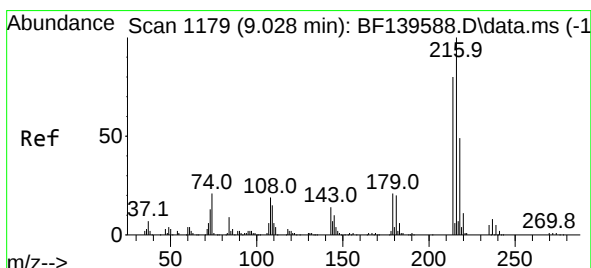
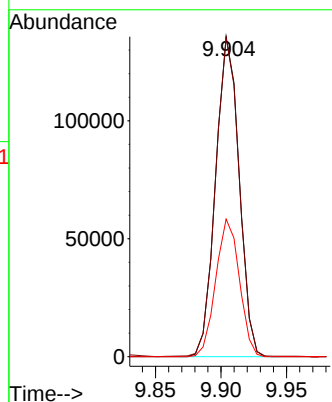
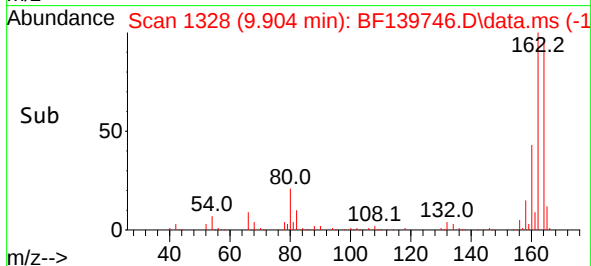
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.4	119.0
160	43.0	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.471 ng

RT: 9.027 min Scan# 1179

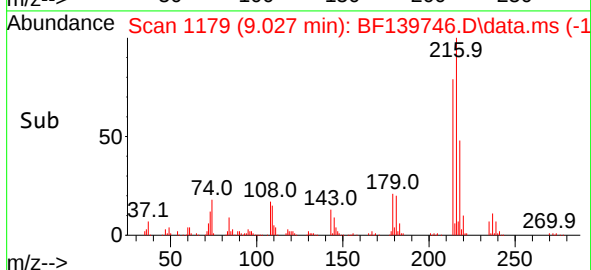
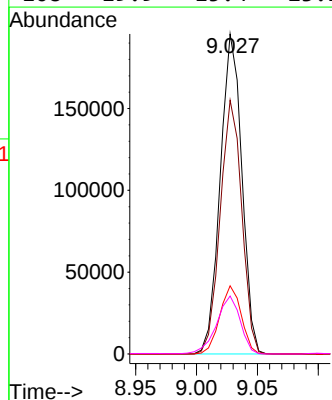
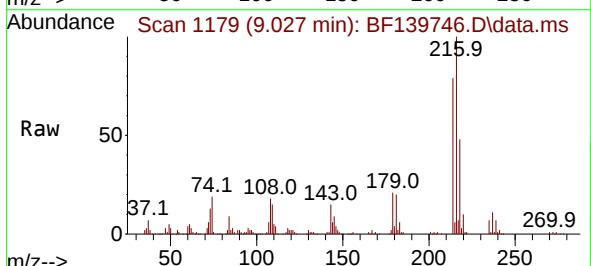
Delta R.T. -0.000 min

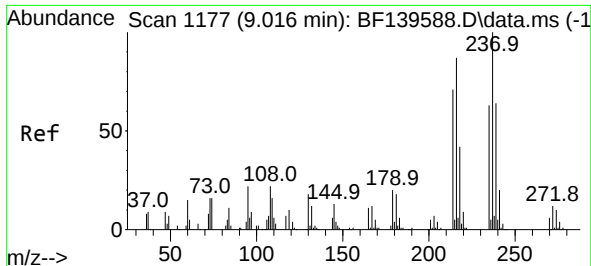
Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Tgt Ion:216 Resp: 241415

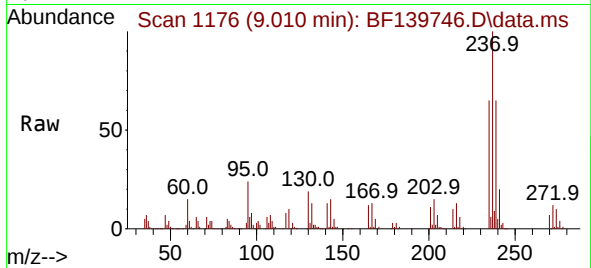
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.2	16.9	25.3
108	19.9	15.4	23.2





#41
Hexachlorocyclopentadiene
Concen: 106.295 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

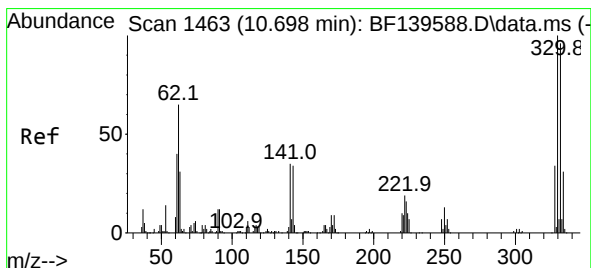
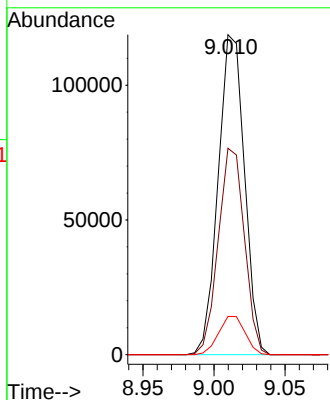
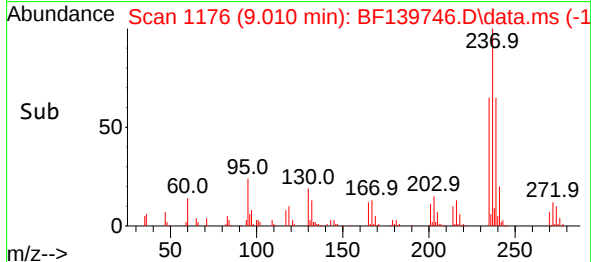
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:237 Resp: 152870
Ion Ratio Lower Upper
237 100
235 64.5 42.5 82.5
272 11.9 0.0 32.1

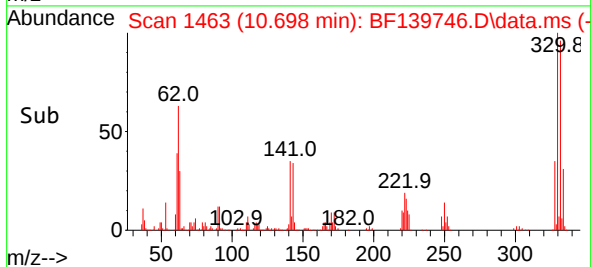
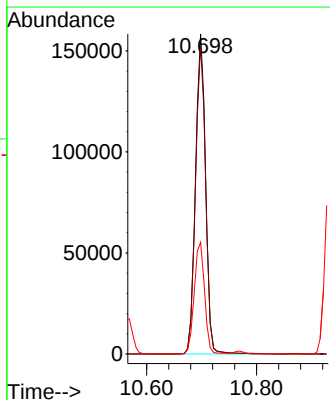
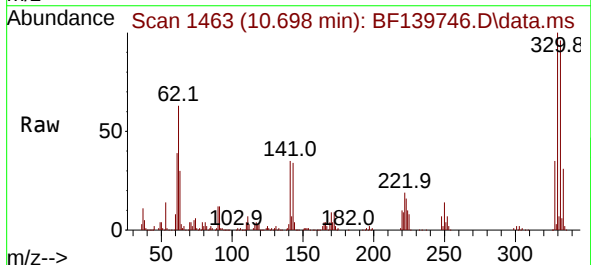
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#42
2,4,6-Tribromophenol
Concen: 123.873 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

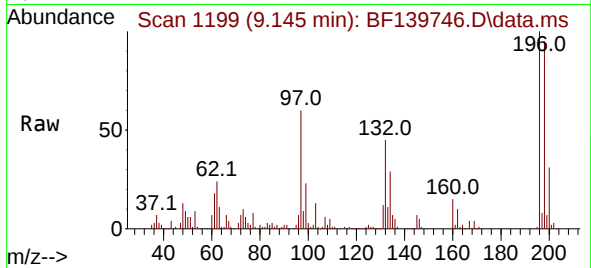
Tgt Ion:330 Resp: 201978
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 35.8 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 51.990 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

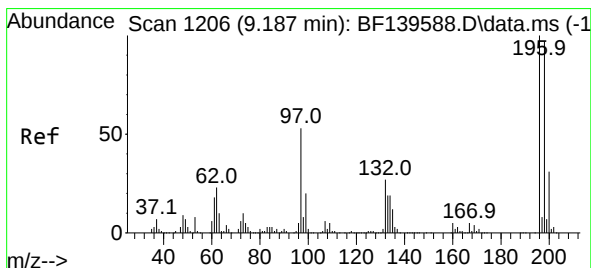
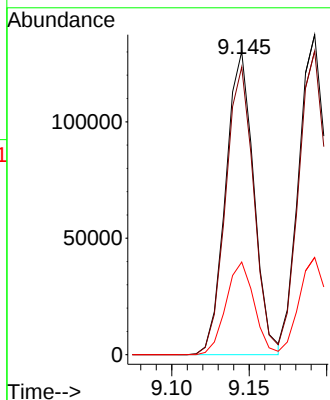
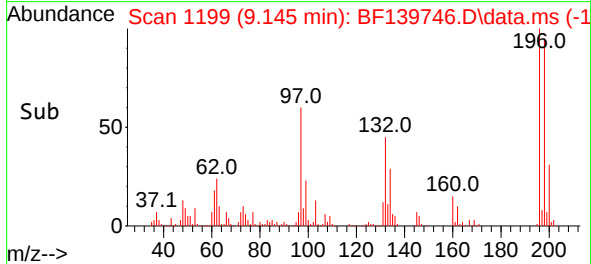
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



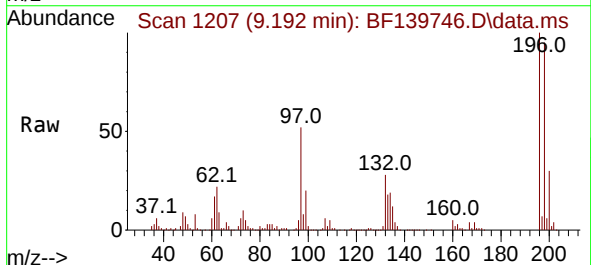
Tgt Ion:196 Resp: 16438
Ion Ratio Lower Upper
196 100
198 94.9 75.2 112.8
200 30.6 24.6 37.0

Manual Integrations
APPROVED

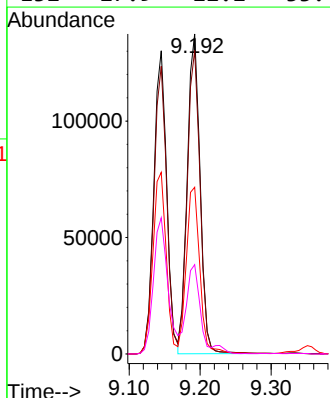
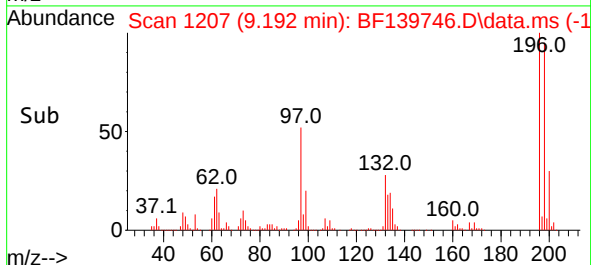
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

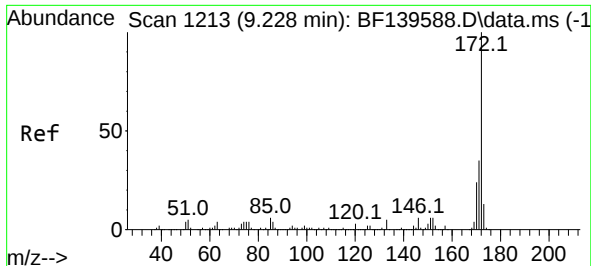


#44
2,4,5-Trichlorophenol
Concen: 50.792 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



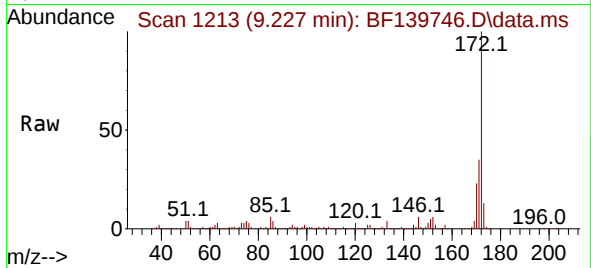
Tgt Ion:196 Resp: 173192
Ion Ratio Lower Upper
196 100
198 94.9 77.5 116.3
97 52.1 43.1 64.7
132 27.9 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 92.156 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

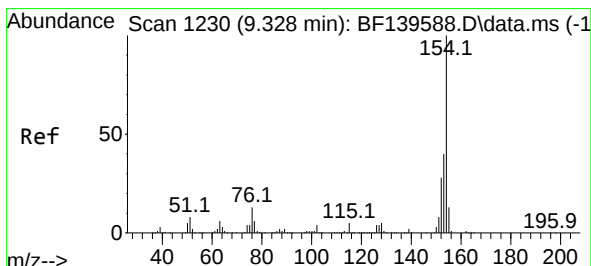
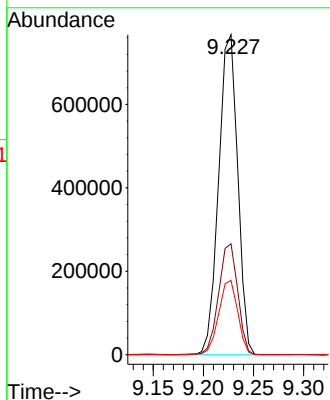
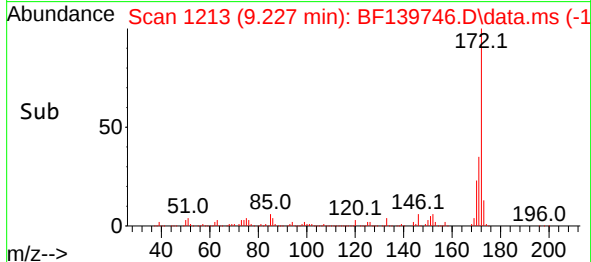
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:172 Resp: 1013940
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.2 18.8 28.2

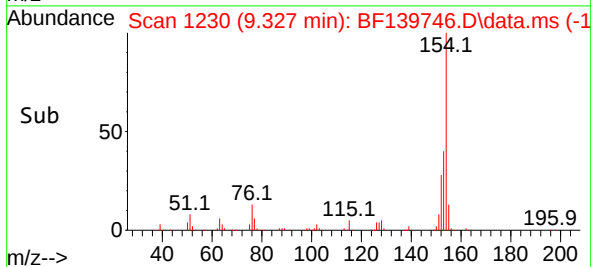
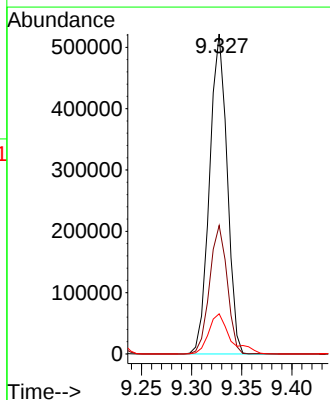
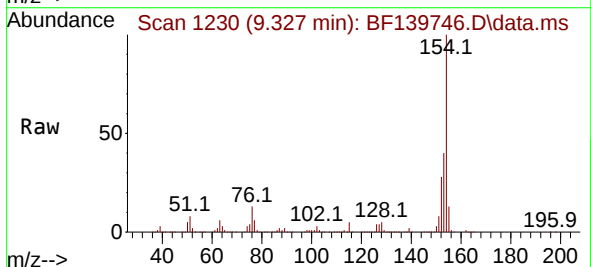
Manual Integrations
APPROVED

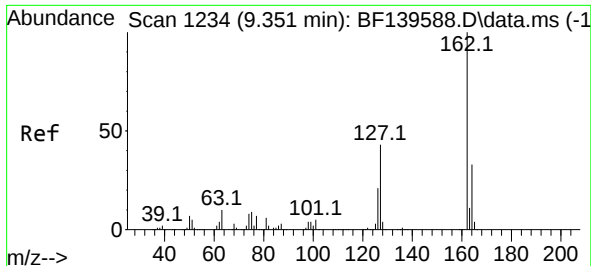
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#46
1,1'-Biphenyl
Concen: 50.738 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

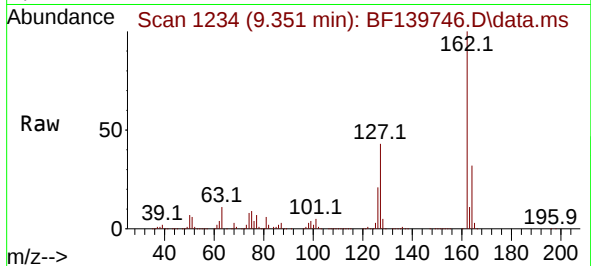
Tgt Ion:154 Resp: 637413
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 50.496 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

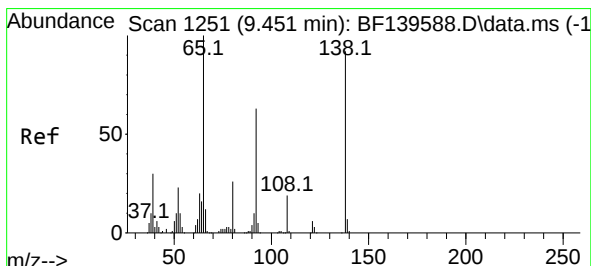
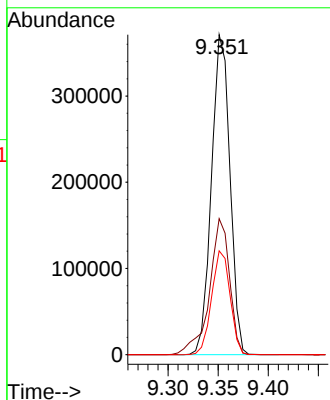
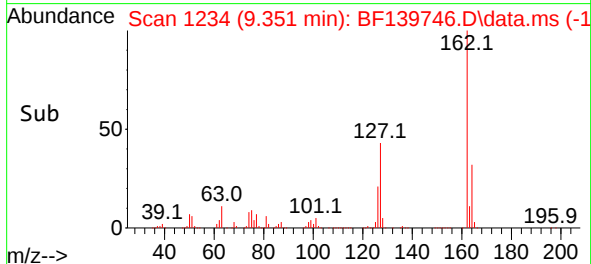
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



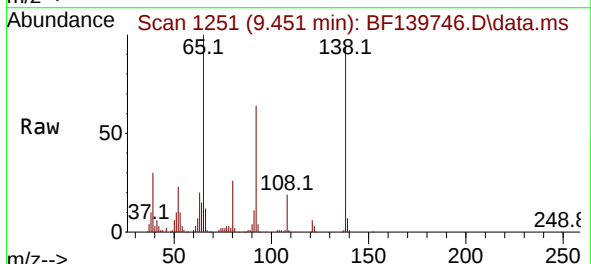
Tgt Ion:162 Resp: 47556
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.5 26.1 39.1

Manual Integrations
APPROVED

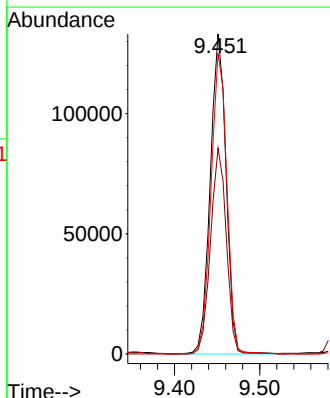
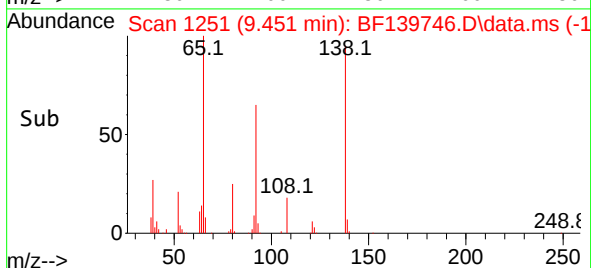
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

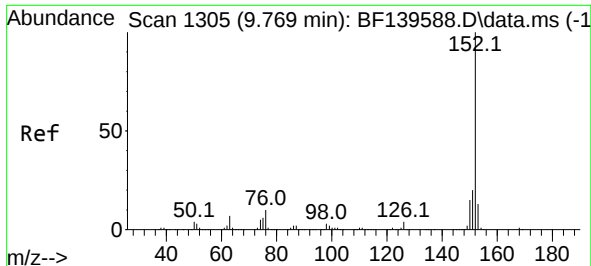


#48
2-Nitroaniline
Concen: 50.826 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



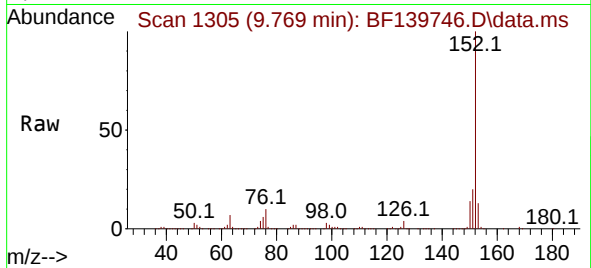
Tgt Ion: 65 Resp: 171830
Ion Ratio Lower Upper
65 100
92 64.3 50.0 75.0
138 93.9 73.8 110.8





#49
Acenaphthylene
Concen: 54.007 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

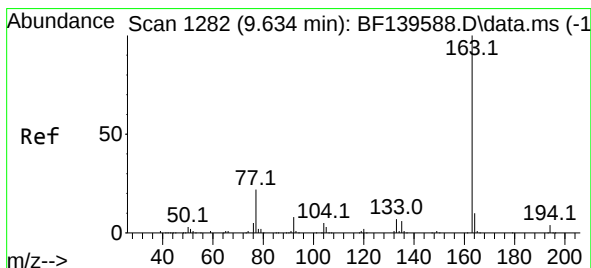
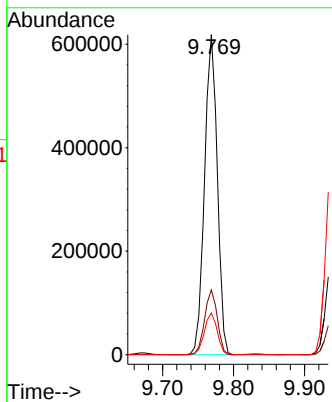
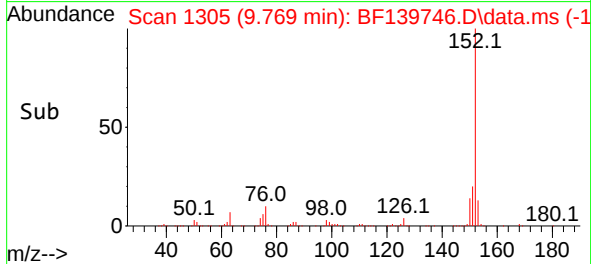
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



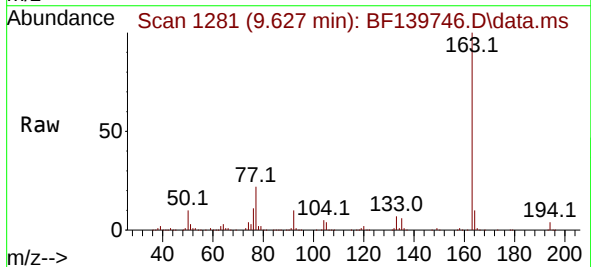
Tgt Ion:152 Resp: 773519
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.5 15.7

Manual Integrations
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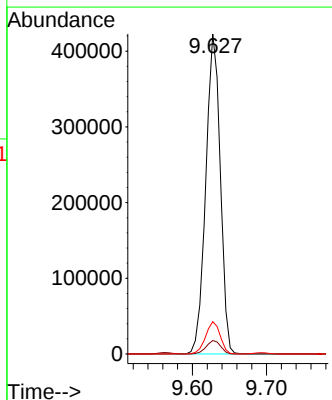
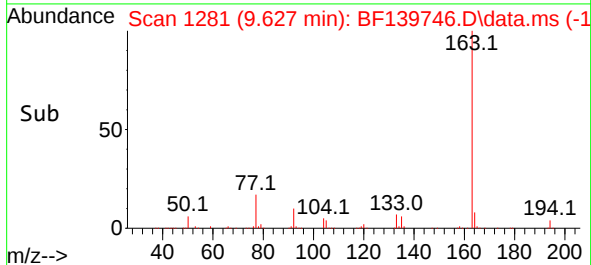
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

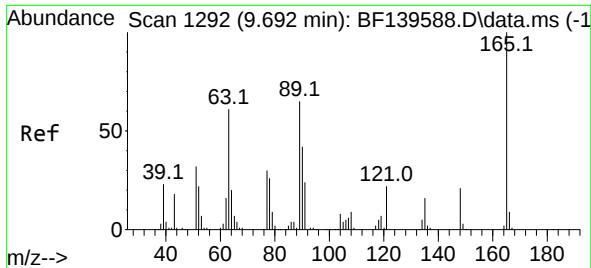


#50
Dimethylphthalate
Concen: 52.031 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



Tgt Ion:163 Resp: 575296
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.102 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:165 Resp: 12264

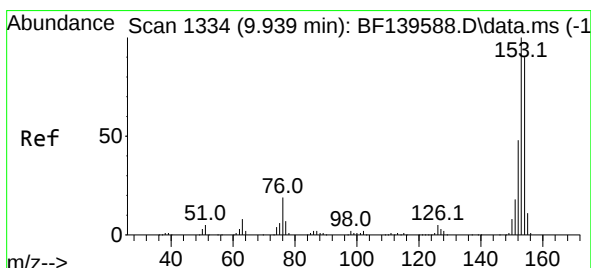
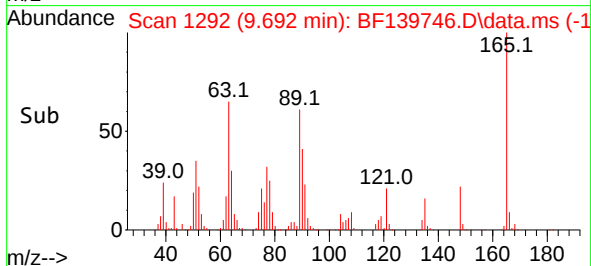
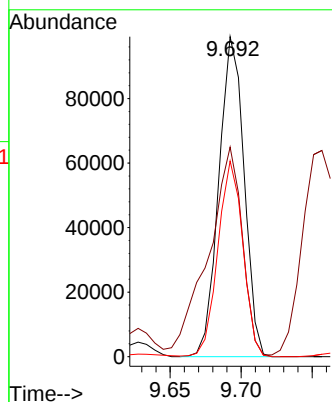
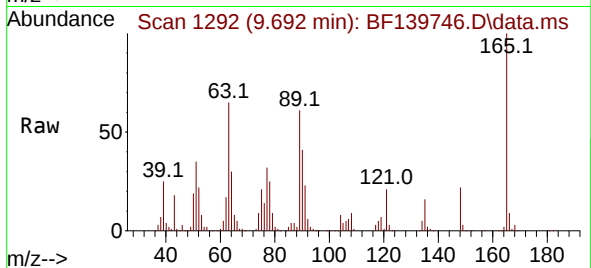
Ion	Ratio	Lower	Upper
165	100		
63	65.5	56.7	85.1
89	61.1	51.6	77.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#52

Acenaphthene

Concen: 55.311 ng m

RT: 9.939 min Scan# 1334

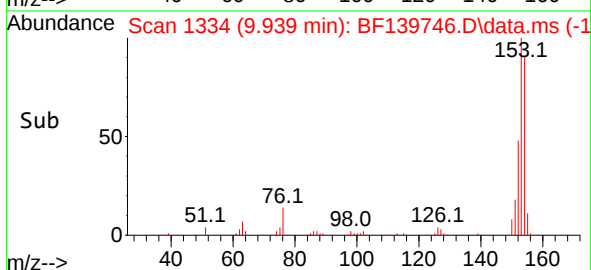
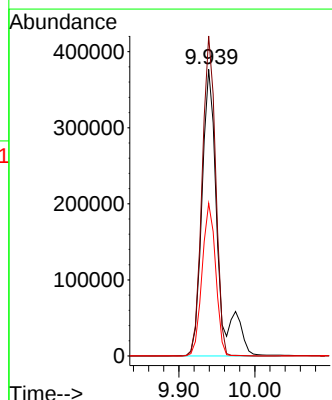
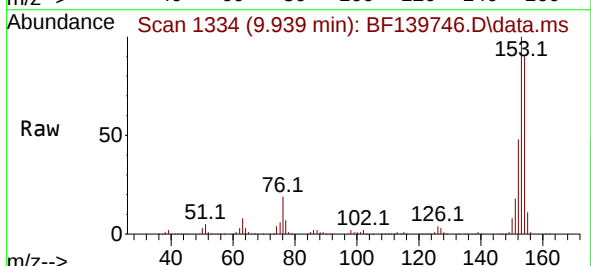
Delta R.T. -0.000 min

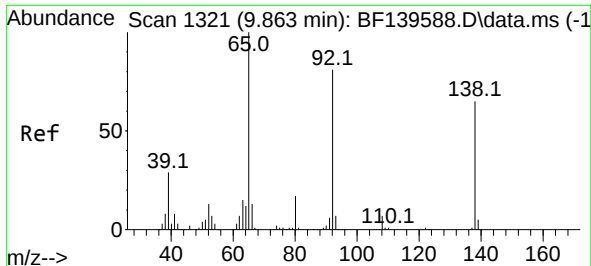
Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Tgt Ion:154 Resp: 543845

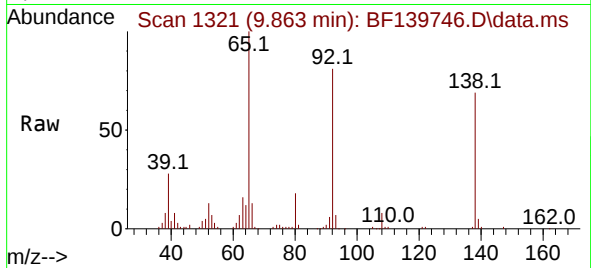
Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.8	133.2
152	53.3	42.5	63.7





#53
3-Nitroaniline
Concen: 19.287 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

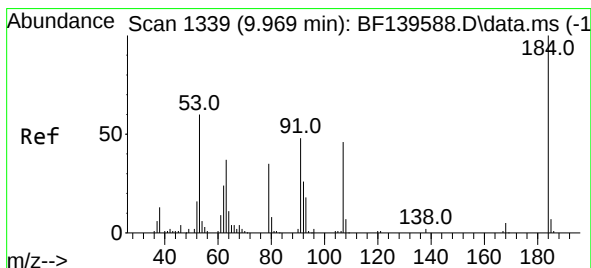
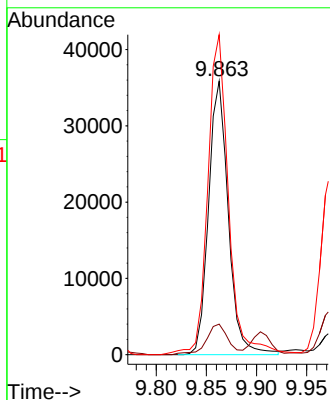
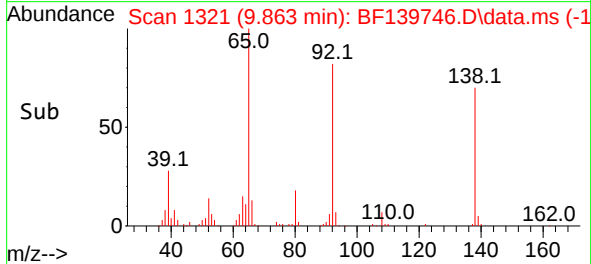
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:138 Resp: 49228
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 117.0 100.0 150.0

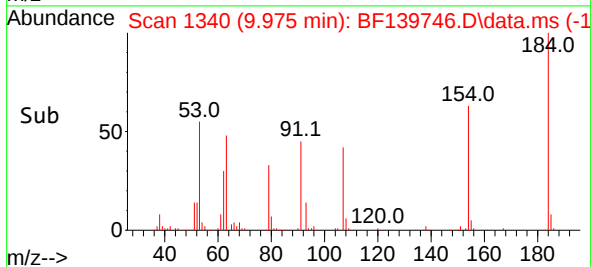
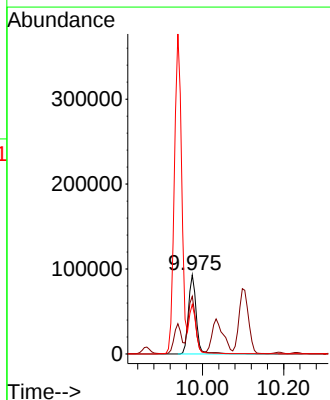
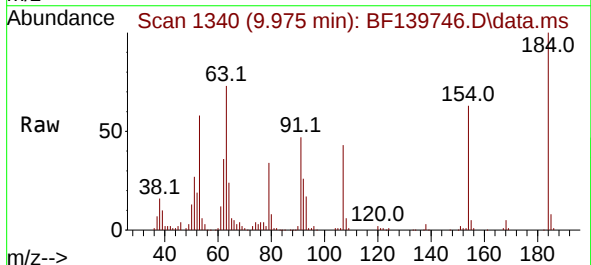
Manual Integrations
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Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#54
2,4-Dinitrophenol
Concen: 93.291 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

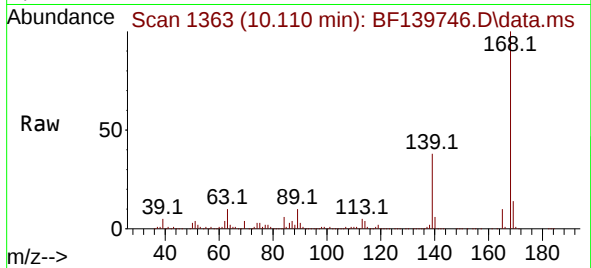
Tgt Ion:184 Resp: 125328
Ion Ratio Lower Upper
184 100
63 73.0 61.7 92.5
154 62.8 53.0 79.4





#55
Dibenzenofuran
Concen: 50.957 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

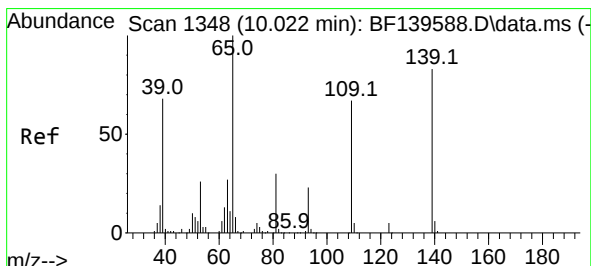
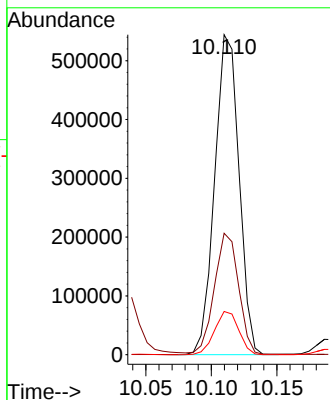
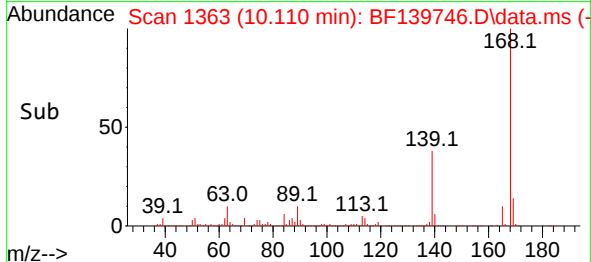
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:168 Resp: 70151
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.5 10.7 16.1

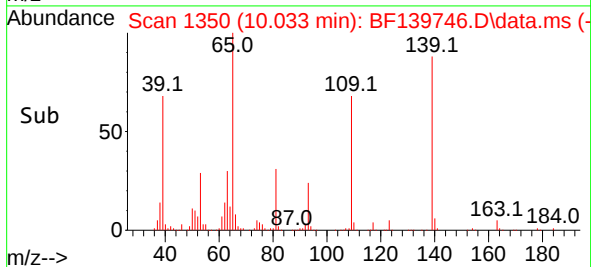
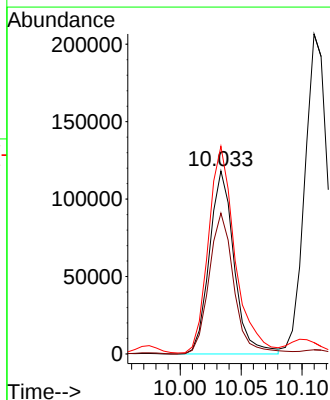
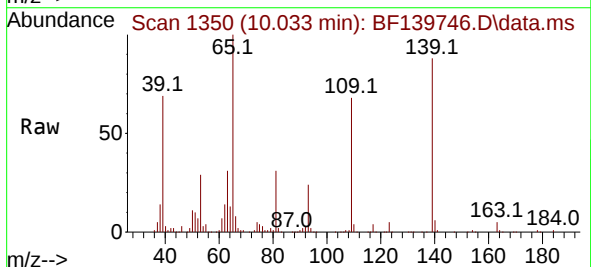
Manual Integrations
APPROVED

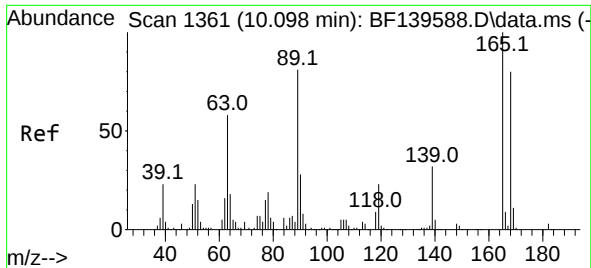
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#56
4-Nitrophenol
Concen: 85.726 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:139 Resp: 166861
Ion Ratio Lower Upper
139 100
109 77.0 60.3 100.3
65 113.5 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 48.862 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

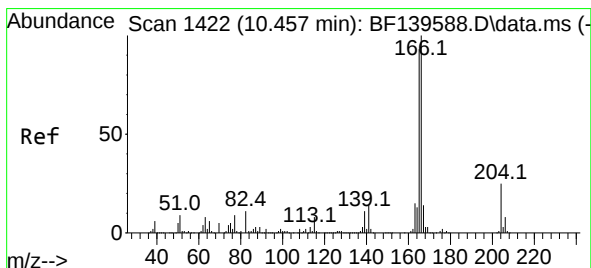
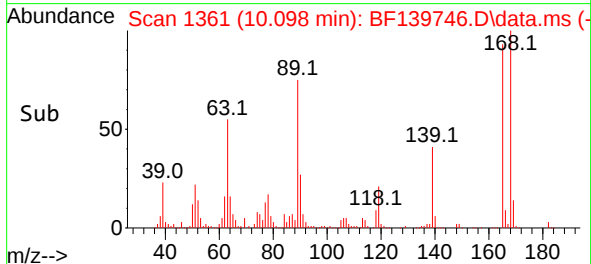
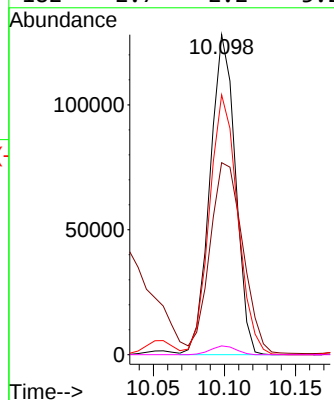
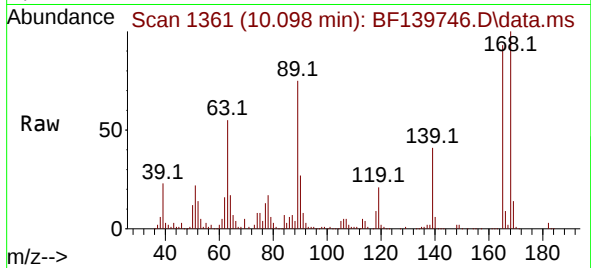
ClientSampleId :

1B-7MSD

Tgt Ion:165 Resp: 159523
Ion Ratio Lower Upper
165 100
63 60.0 46.9 70.3
89 81.2 64.4 96.6
182 2.7 2.2 3.2

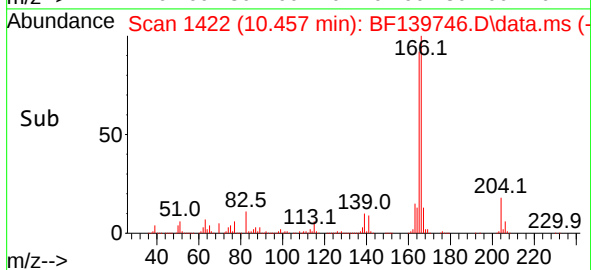
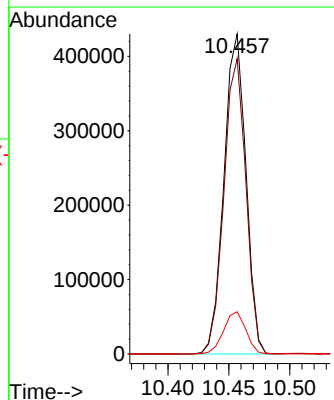
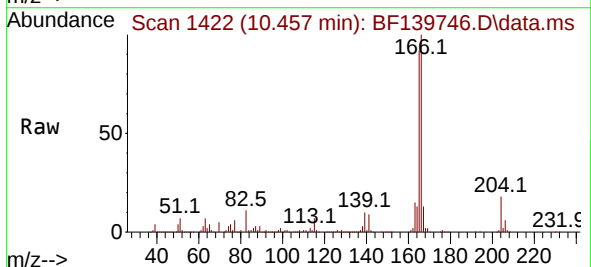
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#58
Fluorene
Concen: 49.251 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

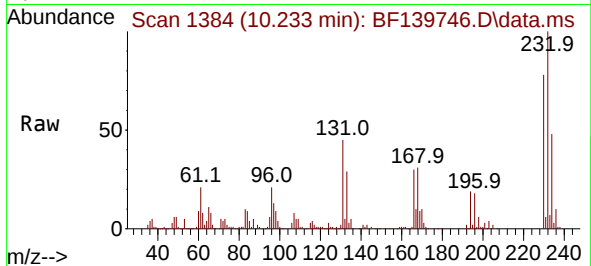
Tgt Ion:166 Resp: 540032
Ion Ratio Lower Upper
166 100
165 92.3 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.528 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

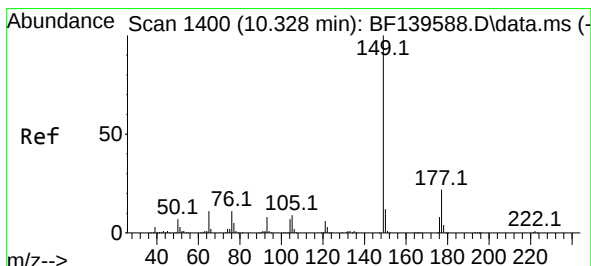
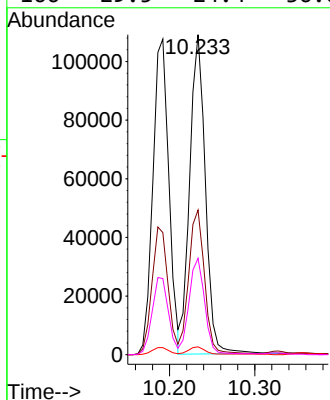
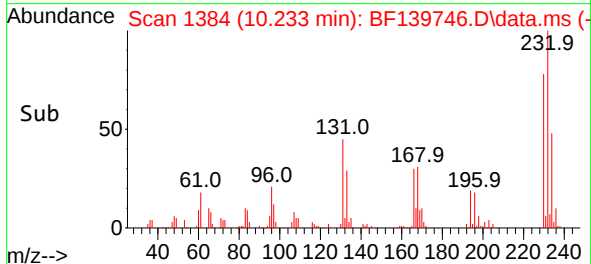
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:232 Resp: 13915
Ion Ratio Lower Upper
232 100
131 45.3 37.8 56.6
130 2.3 1.9 2.9
166 29.5 24.4 36.6

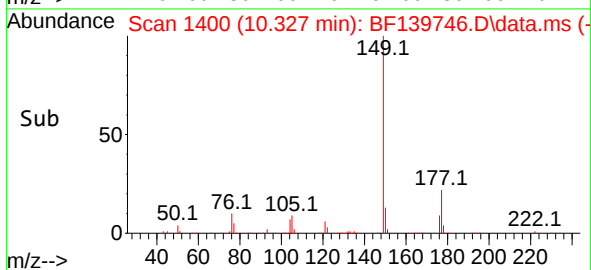
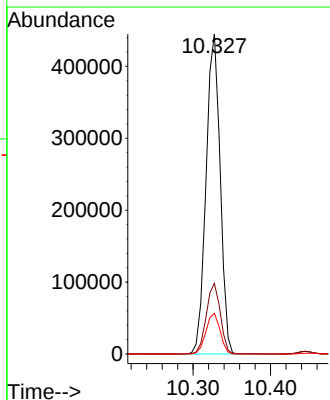
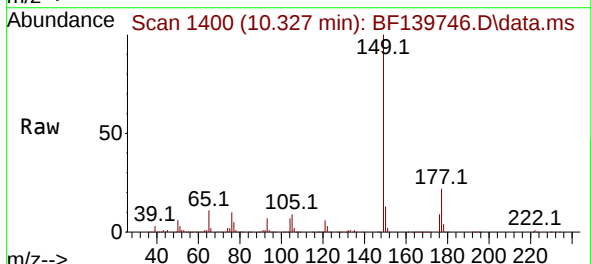
Manual Integrations
APPROVED

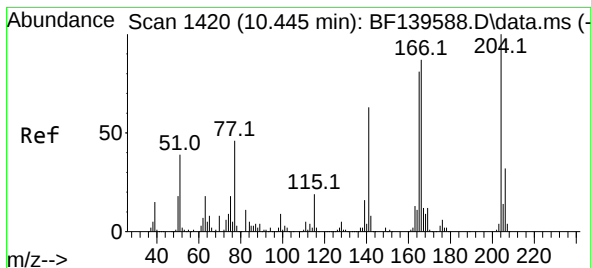
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#60
Diethylphthalate
Concen: 49.111 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

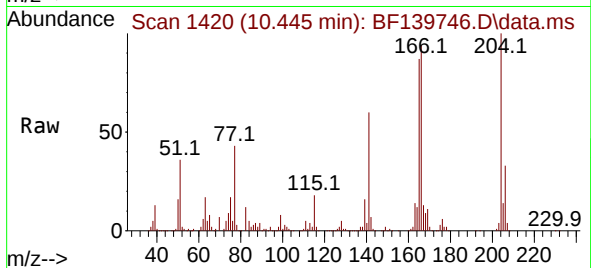
Tgt Ion:149 Resp: 560873
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.515 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

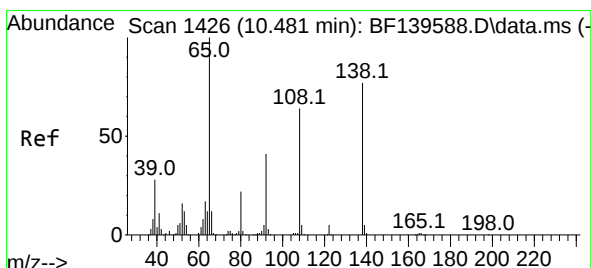
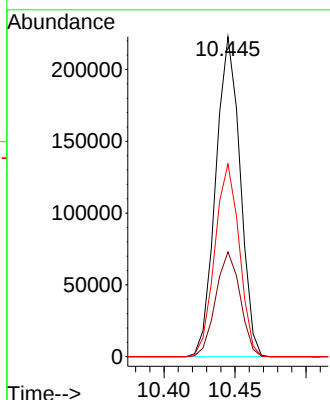
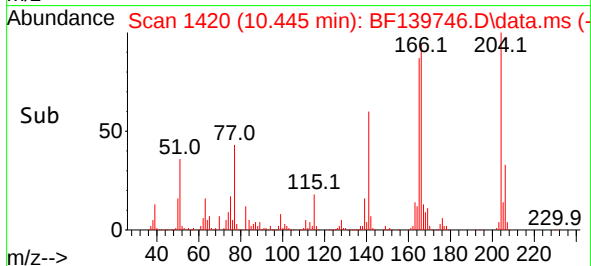
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:204 Resp: 266130
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.2 50.5 75.7

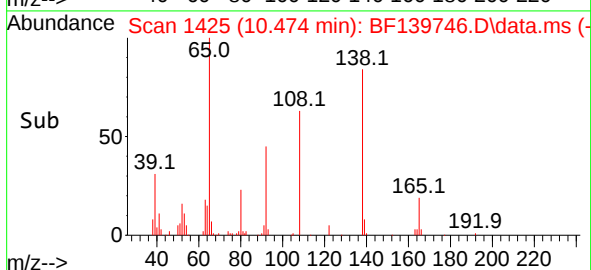
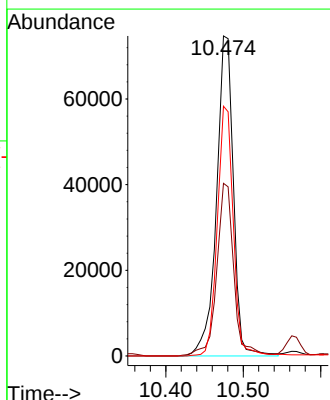
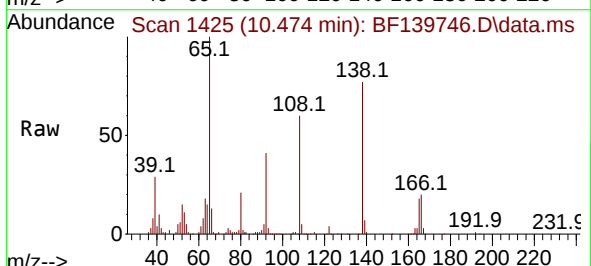
Manual Integrations
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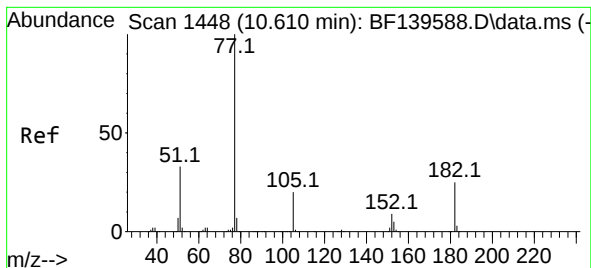
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#62
4-Nitroaniline
Concen: 43.474 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:138 Resp: 113502
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 78.1 62.1 102.1





#63

Azobenzene

Concen: 49.556 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion: 77 Resp: 56915

Ion Ratio Lower Upper

77 100

182 23.4 4.2 44.2

105 20.0 0.0 39.6

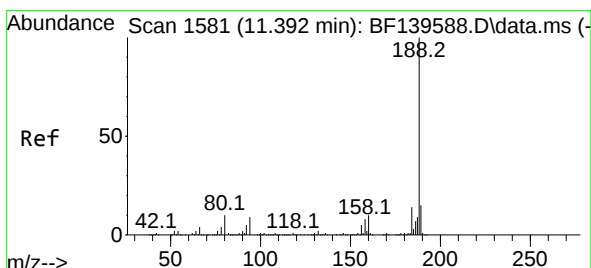
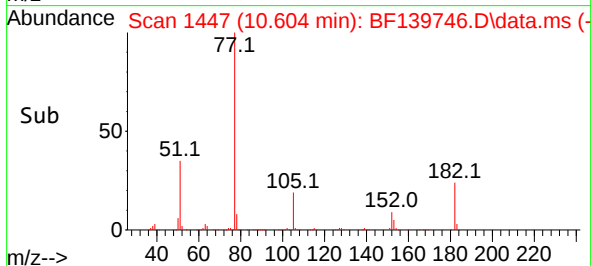
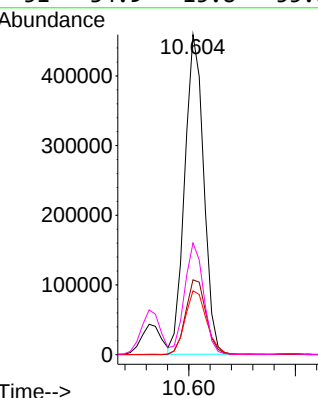
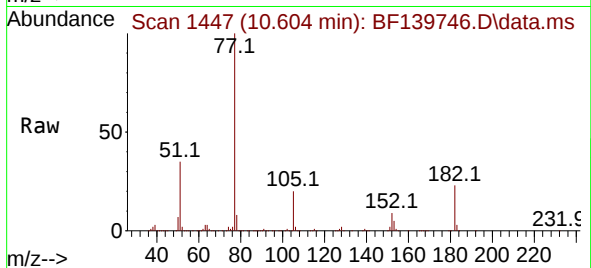
51 34.9 15.8 55.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

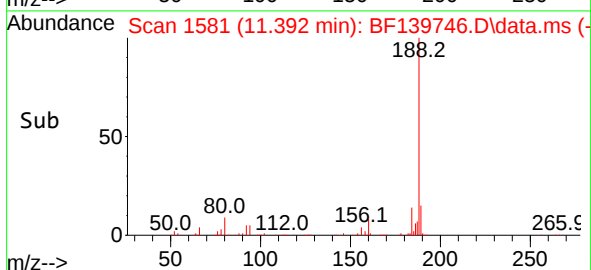
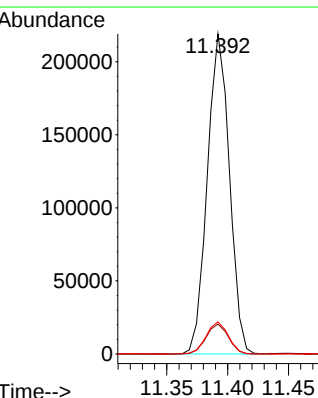
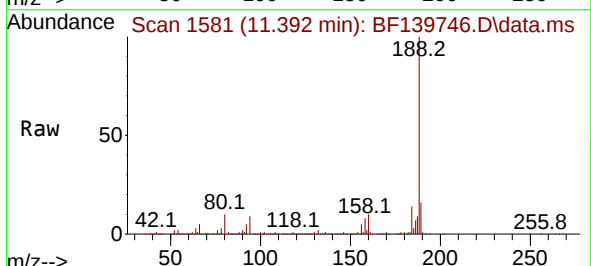
Tgt Ion:188 Resp: 277070

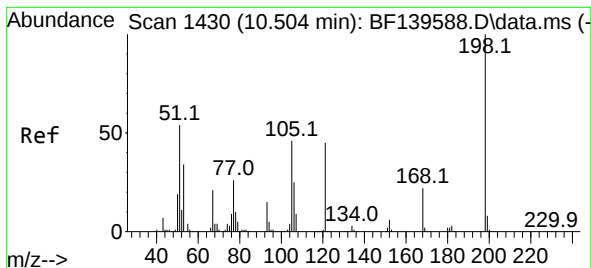
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2





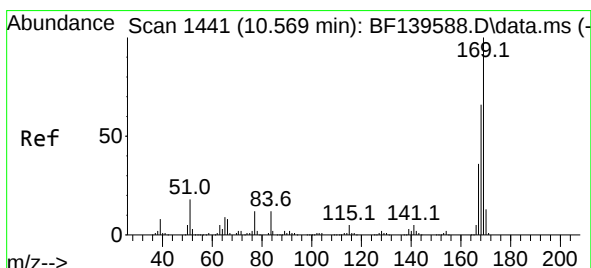
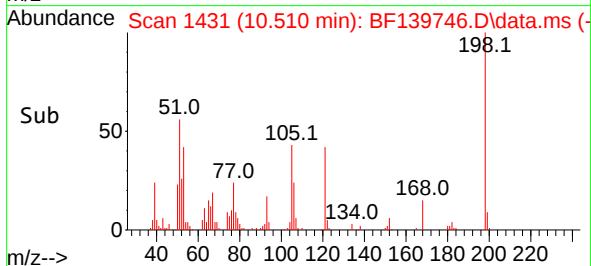
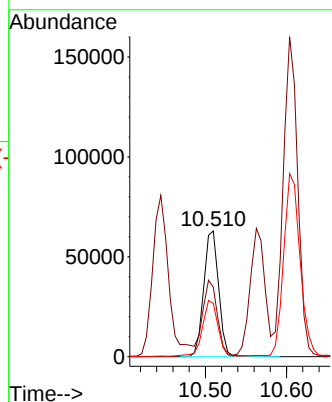
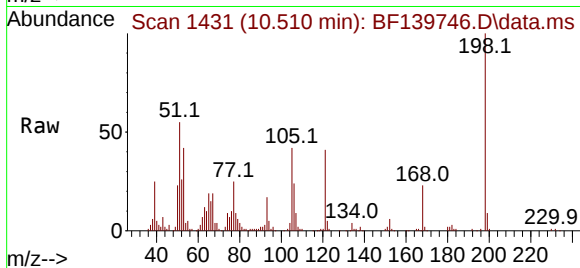
#65
4,6-Dinitro-2-methylphenol
Concen: 51.417 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Tgt Ion:198 Resp: 80459
Ion Ratio Lower Upper
198 100
51 55.3 43.0 83.0
105 42.4 26.6 66.6

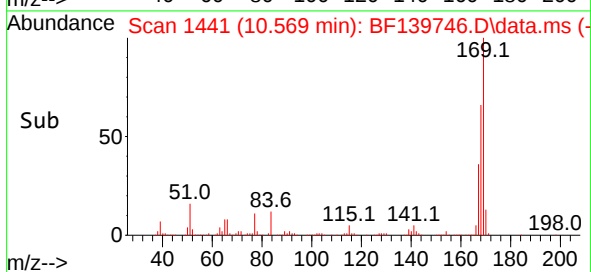
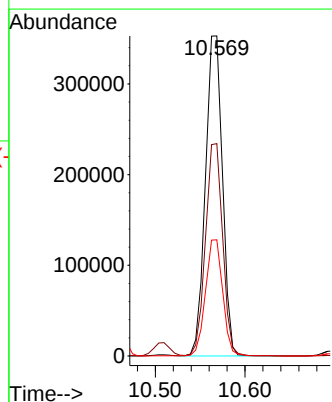
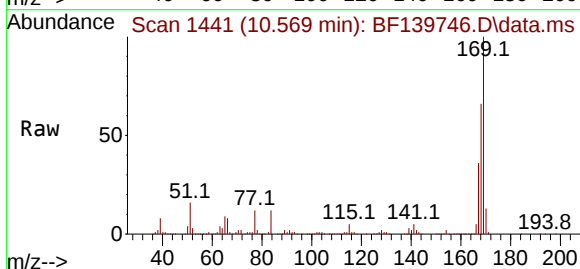
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#66
n-Nitrosodiphenylamine
Concen: 56.982 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:169 Resp: 465376
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.3 28.6 43.0





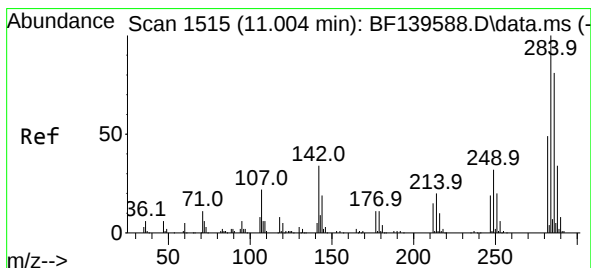
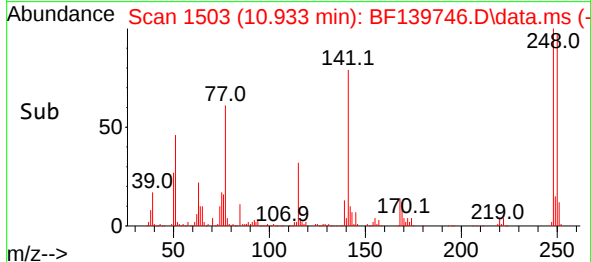
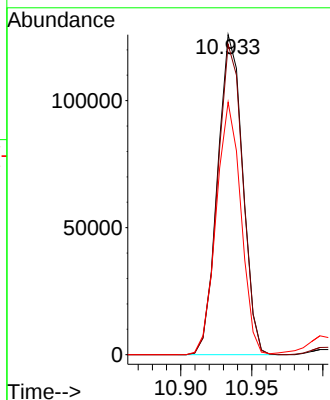
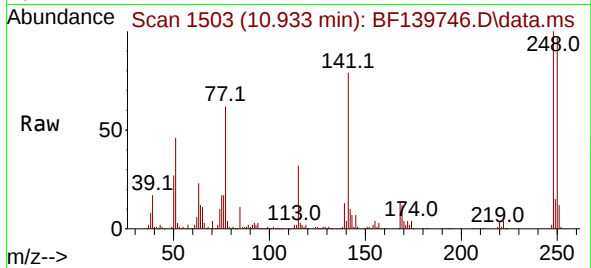
#67
4-Bromophenyl-phenylether
Concen: 54.633 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Tgt Ion:248 Resp: 15520
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 78.9 60.4 90.6

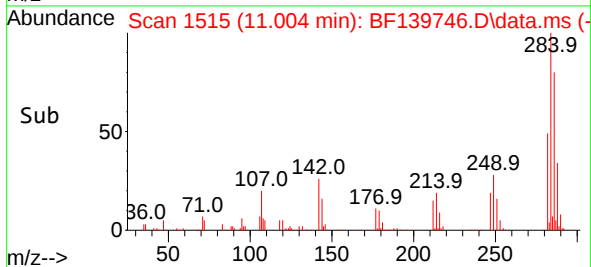
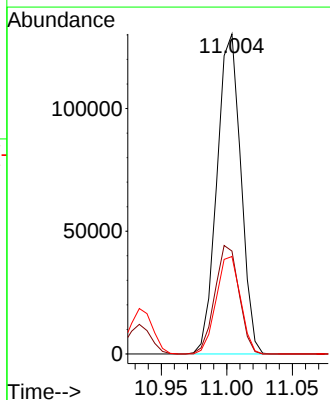
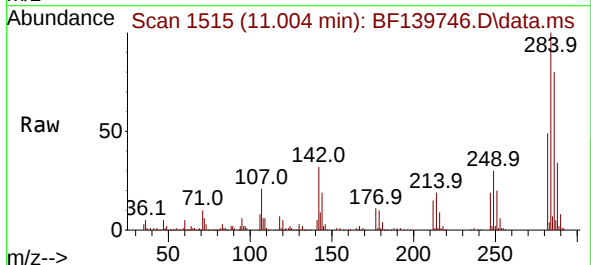
Manual Integrations
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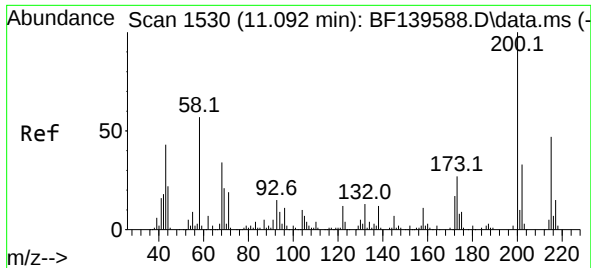
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#68
Hexachlorobenzene
Concen: 52.365 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

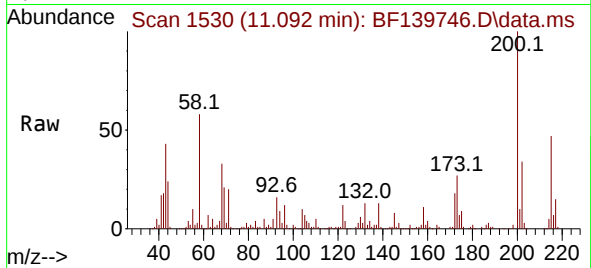
Tgt Ion:284 Resp: 165071
Ion Ratio Lower Upper
284 100
142 32.1 26.9 40.3
249 30.4 25.4 38.0





#69
 Atrazine
 Concen: 59.538 ng
 RT: 11.092 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF139746.D
 Acq: 10 Oct 2024 15:05

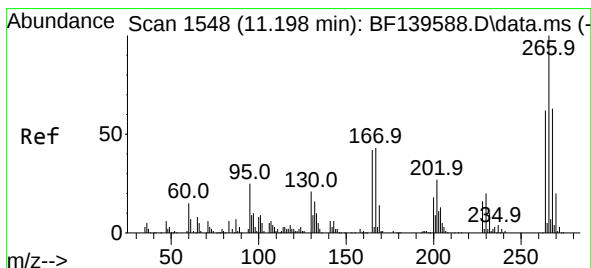
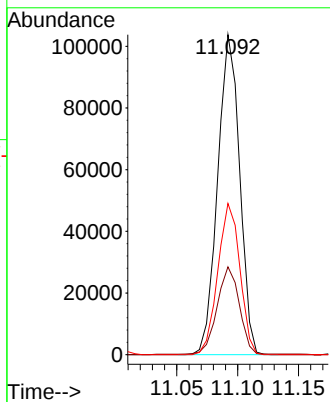
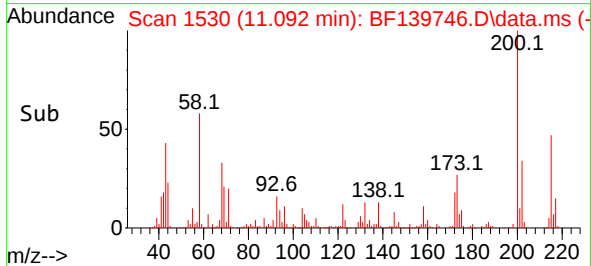
Instrument :
 BNA_F
 ClientSampleId :
 1B-7MSD



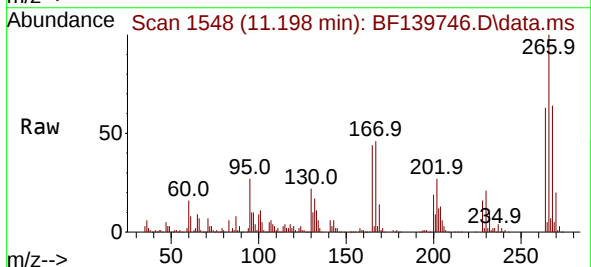
Tgt Ion:200 Resp: 13046
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.7 46.7
 215 47.3 27.5 67.5

Manual Integrations
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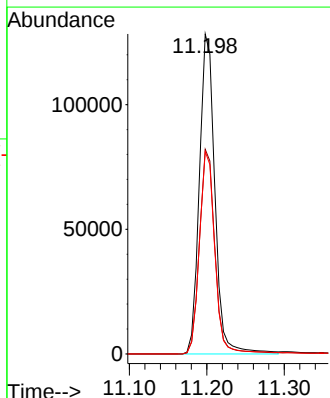
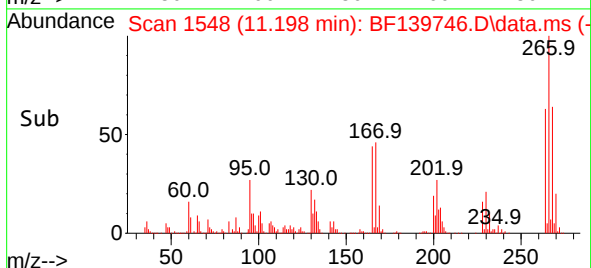
Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

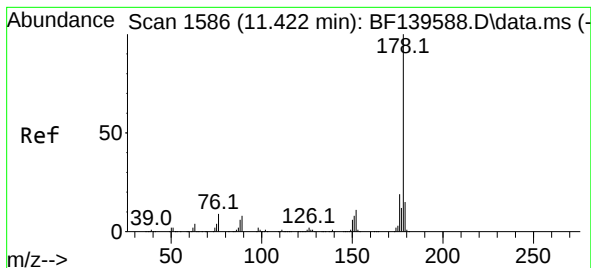


#70
 Pentachlorophenol
 Concen: 95.307 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139746.D
 Acq: 10 Oct 2024 15:05



Tgt Ion:266 Resp: 178894
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.0 75.0
 264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 53.273 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:178 Resp: 695958

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

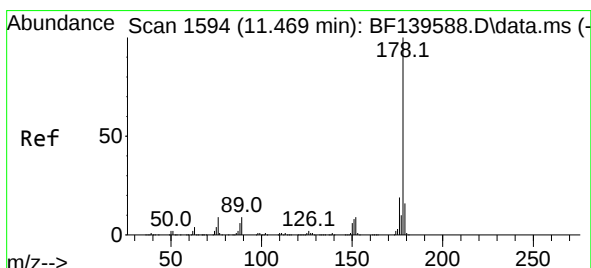
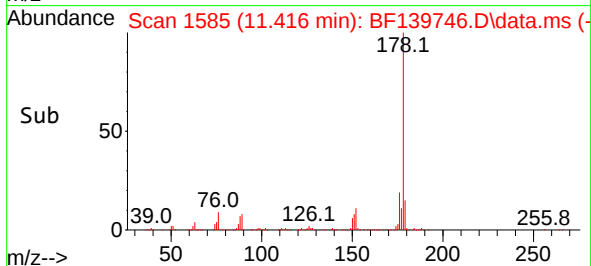
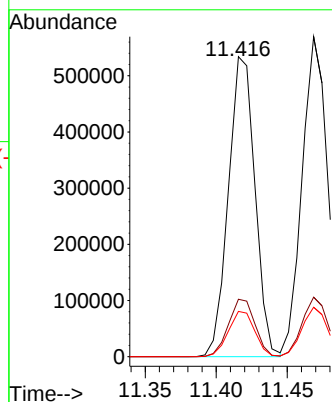
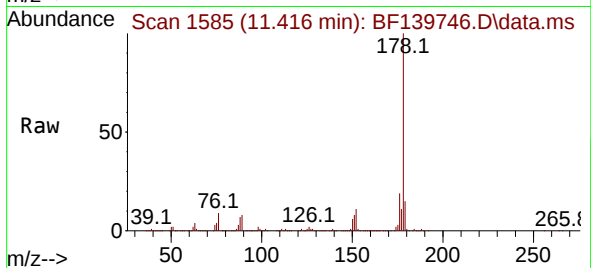
179 15.1 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#72

Anthracene

Concen: 54.638 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

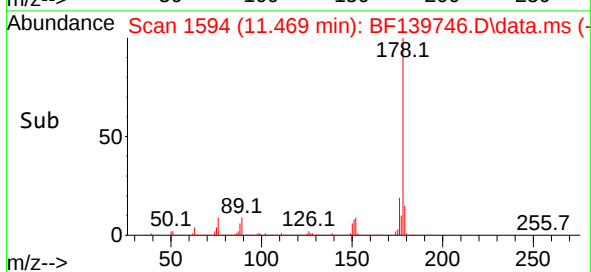
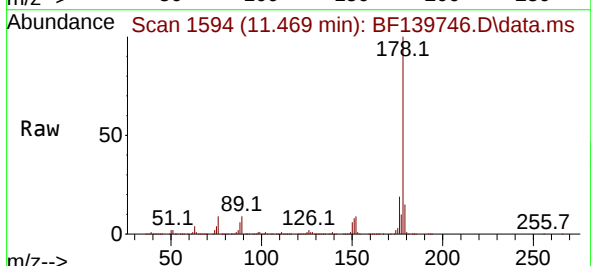
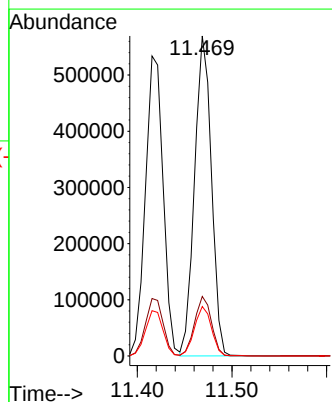
Tgt Ion:178 Resp: 706156

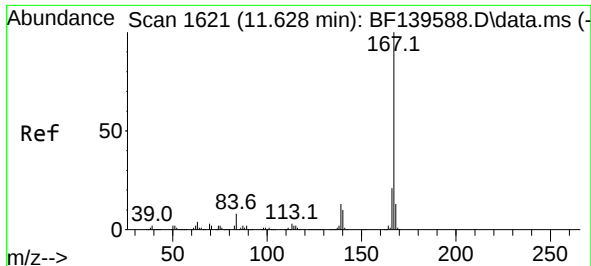
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

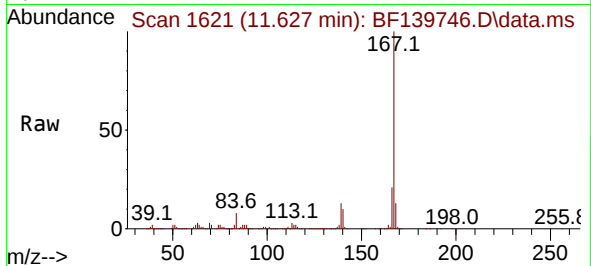
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 49.434 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139746.D
 Acq: 10 Oct 2024 15:05

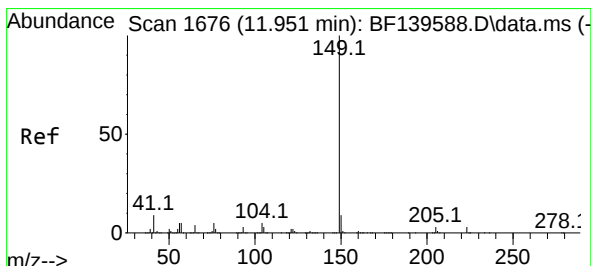
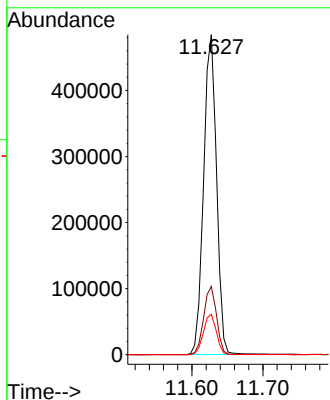
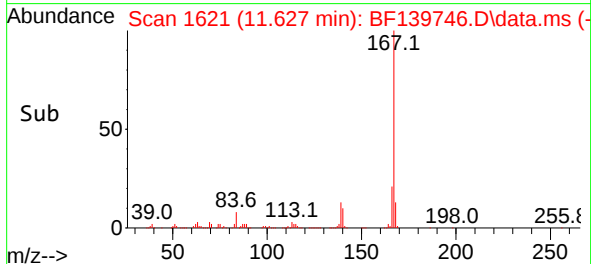
Instrument :
 BNA_F
 ClientSampleId :
 1B-7MSD



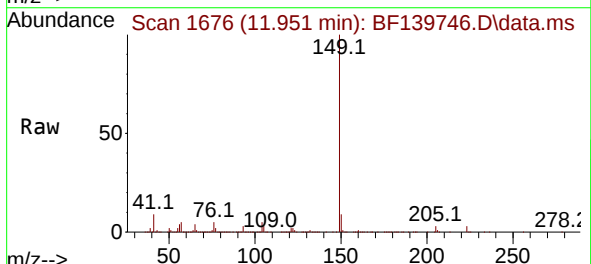
Tgt Ion:167 Resp: 61363
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.6 10.3 15.5

Manual Integrations
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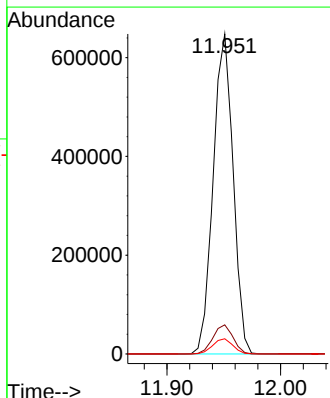
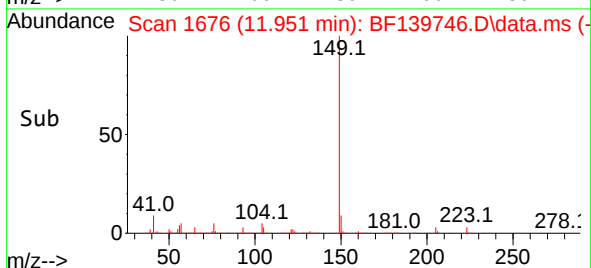
Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

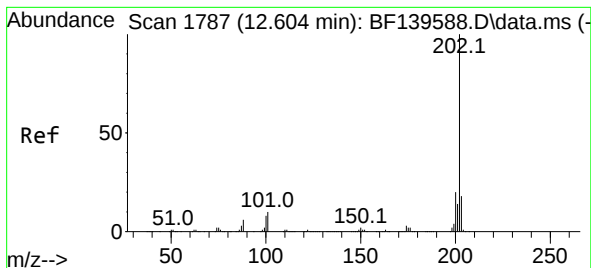


#74
 Di-n-butylphthalate
 Concen: 52.369 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139746.D
 Acq: 10 Oct 2024 15:05



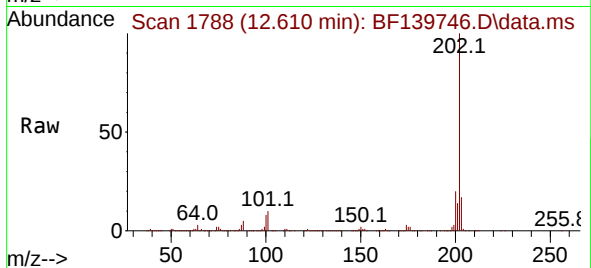
Tgt Ion:149 Resp: 790503
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.7 4.1 6.1





#75
Fluoranthene
Concen: 45.618 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

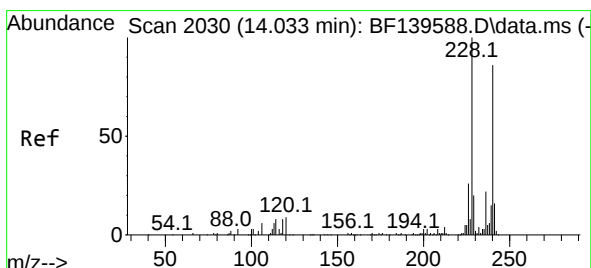
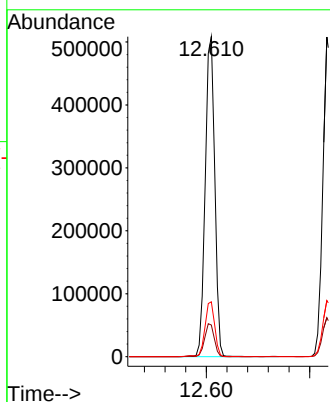
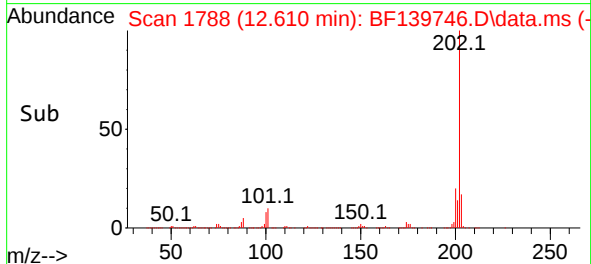
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



Tgt Ion:202 Resp: 65146
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.2 0.0 37.7

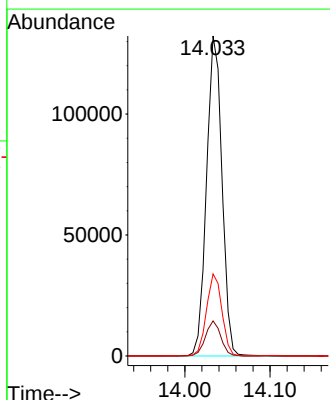
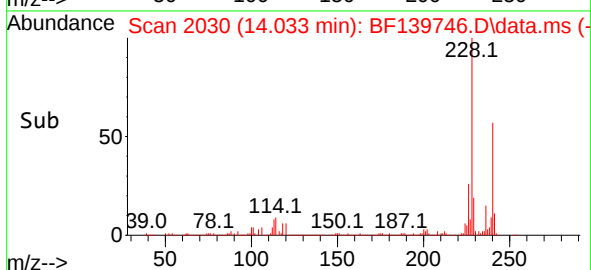
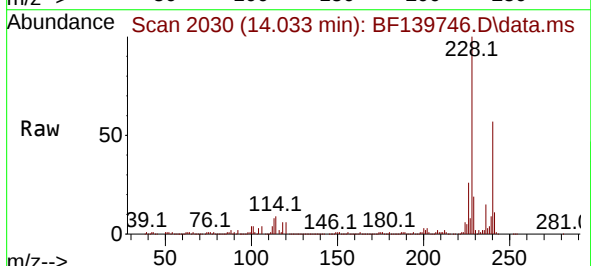
Manual Integrations
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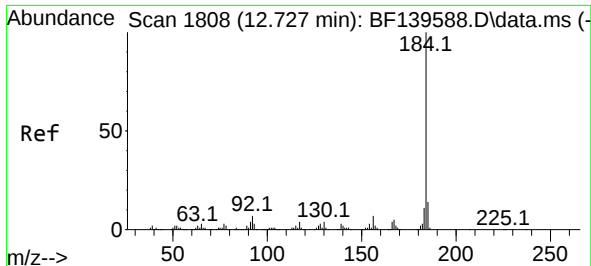
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:240 Resp: 166363
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 25.6 20.3 30.5





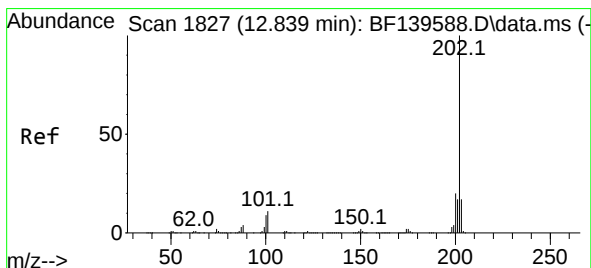
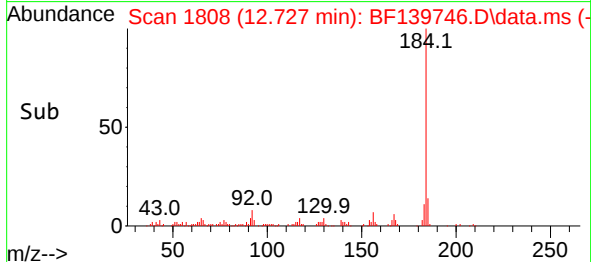
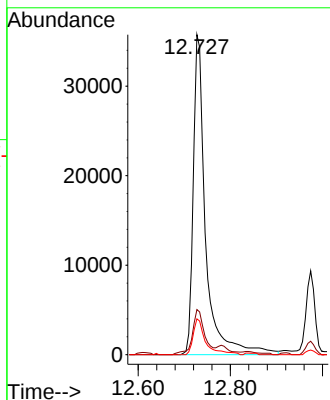
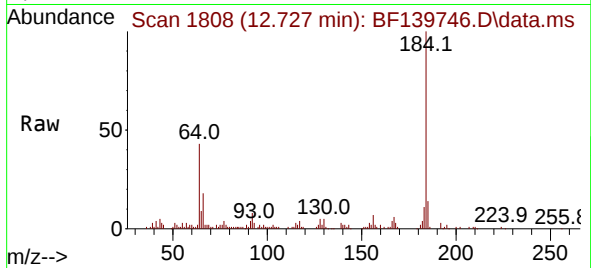
#77
Benzidine
Concen: 22.790 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :
BNA_F
ClientSampleId :
1B-7MSD

Tgt Ion:184 Resp: 66870
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.2 8.8 13.2

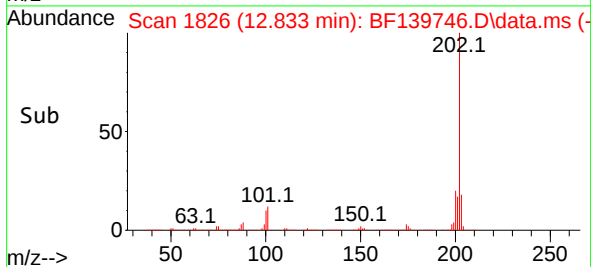
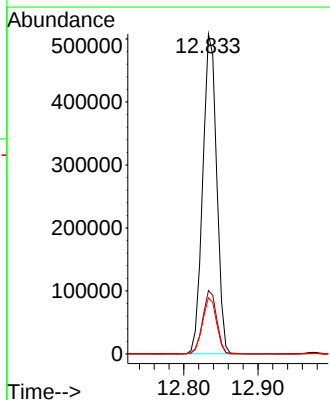
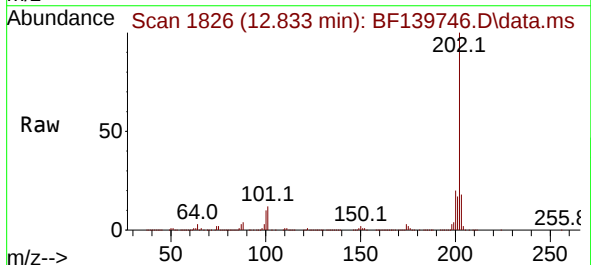
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#78
Pyrene
Concen: 44.437 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Tgt Ion:202 Resp: 661195
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 82.681 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:244 Resp: 838290

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

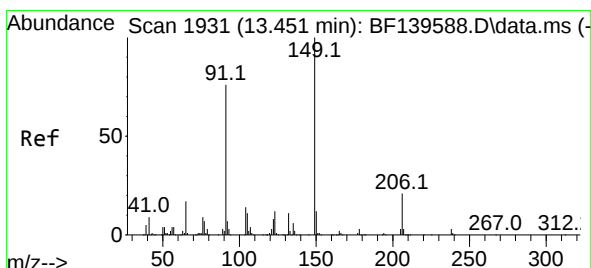
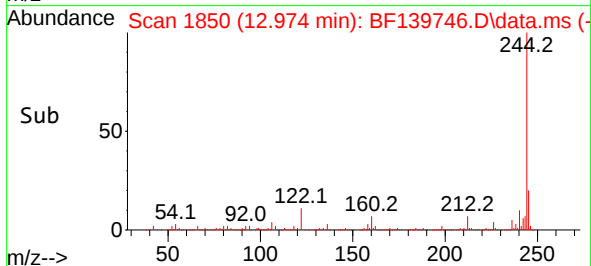
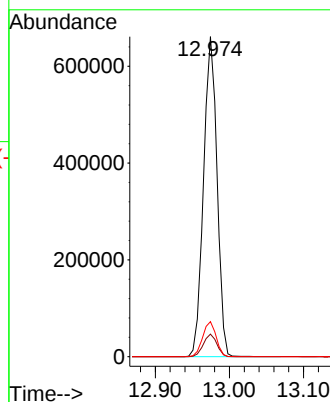
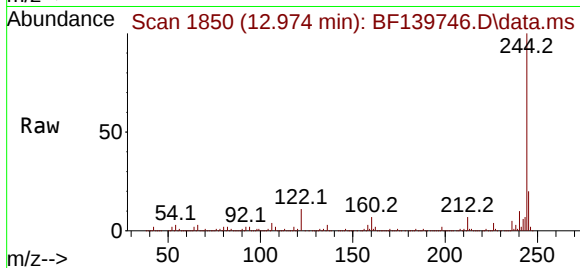
122 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#80

Butylbenzylphthalate

Concen: 48.662 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

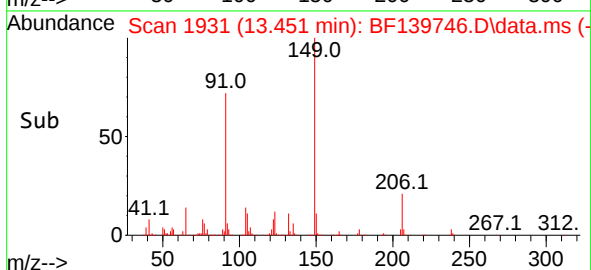
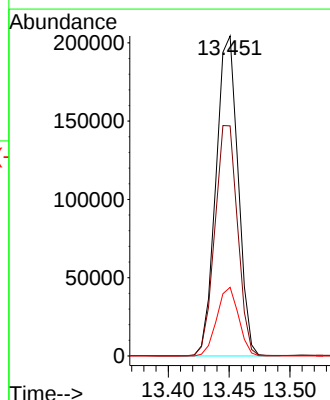
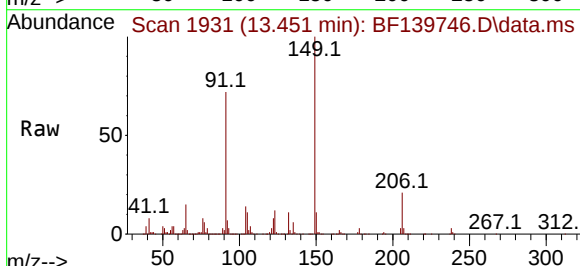
Tgt Ion:149 Resp: 258987

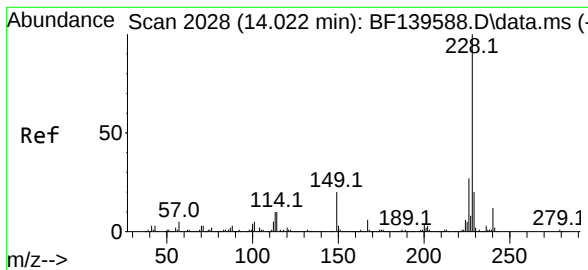
Ion Ratio Lower Upper

149 100

91 71.9 61.0 91.4

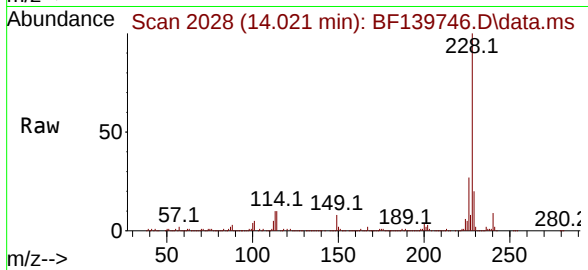
206 21.5 16.6 24.8





#81
Benzo(a)anthracene
Concen: 54.448 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

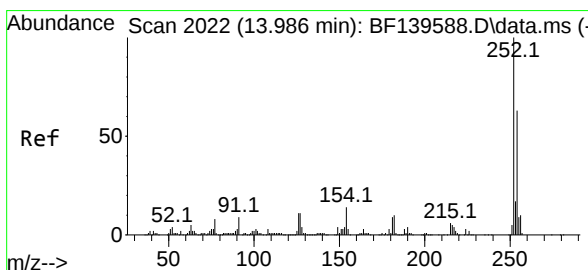
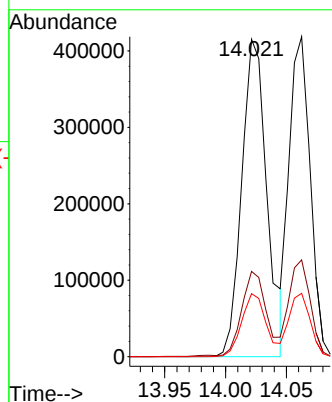
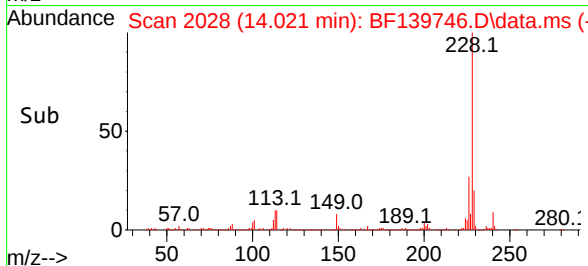
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



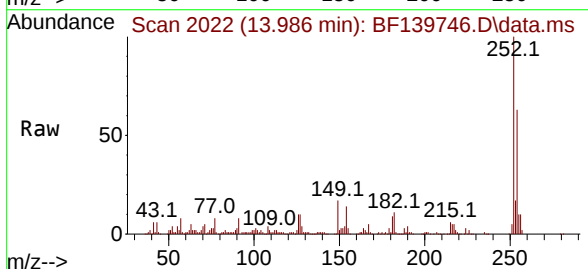
Tgt Ion:228 Resp: 59554
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.9 15.8 23.8

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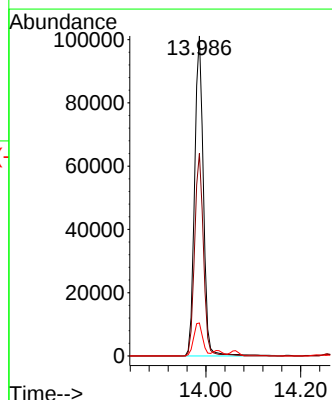
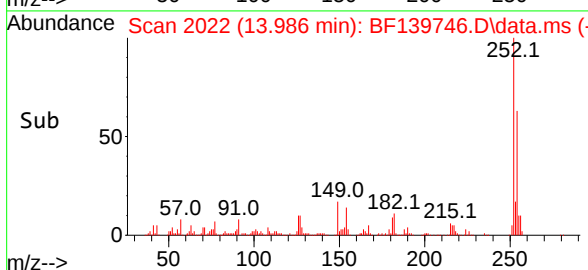
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

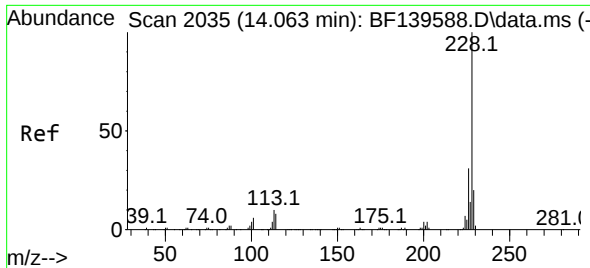


#82
3,3'-Dichlorobenzidine
Concen: 38.894 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



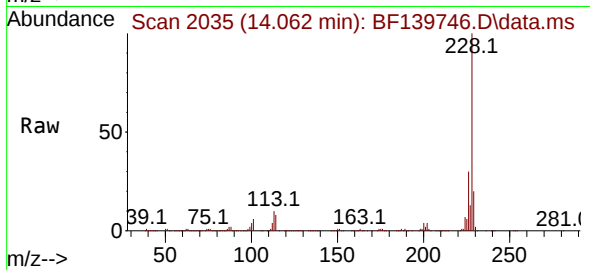
Tgt Ion:252 Resp: 130196
Ion Ratio Lower Upper
252 100
254 63.3 50.5 75.7
126 10.3 8.8 13.2





#83
Chrysene
Concen: 50.634 ng
RT: 14.062 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

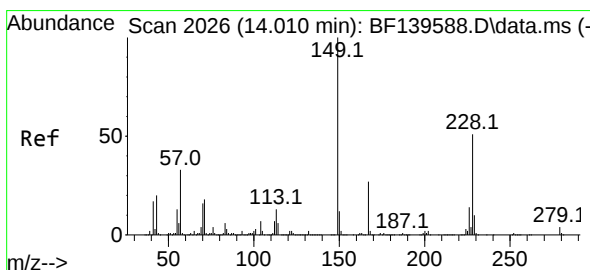
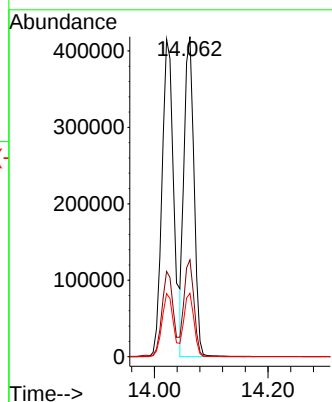
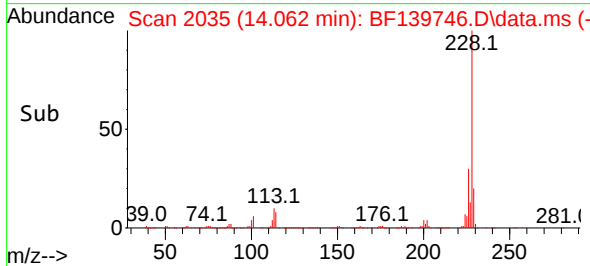
Instrument :
BNA_F
ClientSampleId :
1B-7MSD



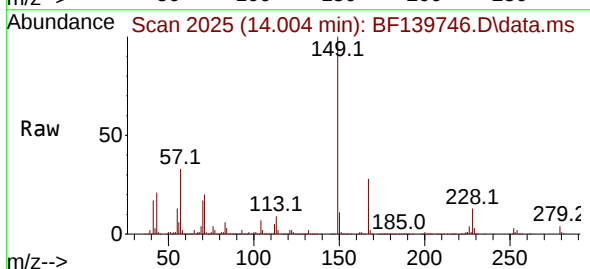
Tgt Ion:228 Resp: 506334
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 19.8 15.7 23.5

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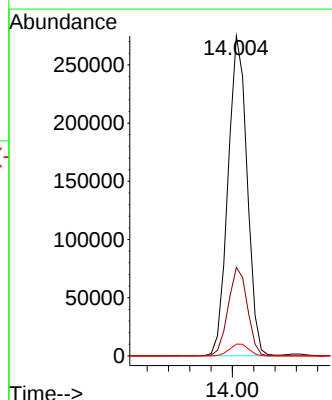
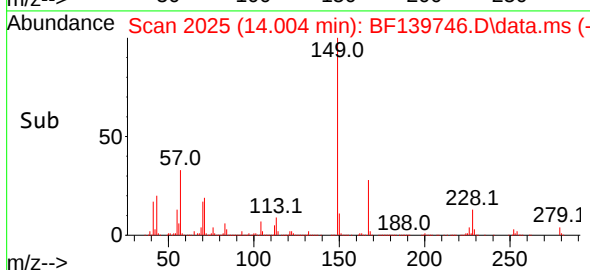
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

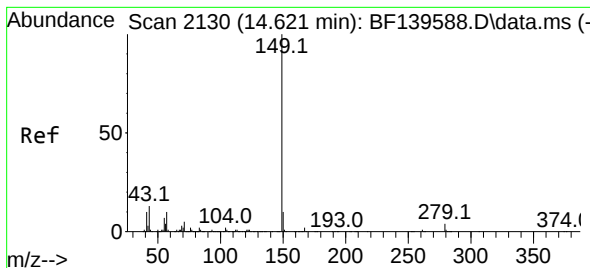


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.410 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



Tgt Ion:149 Resp: 341665
Ion Ratio Lower Upper
149 100
167 27.6 21.7 32.5
279 3.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.850 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:149 Resp: 59411

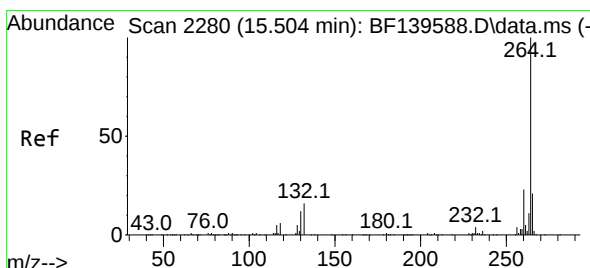
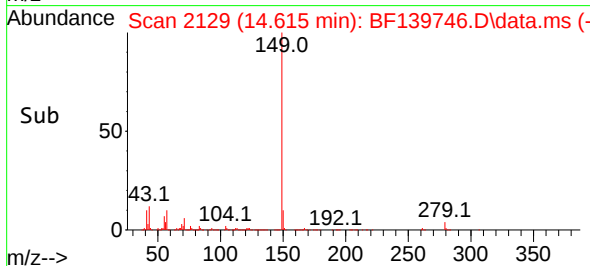
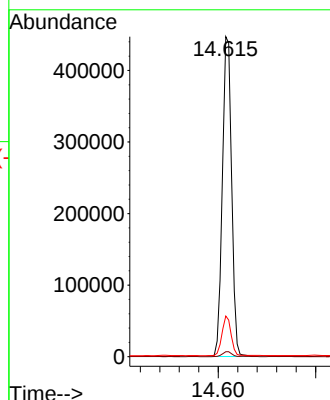
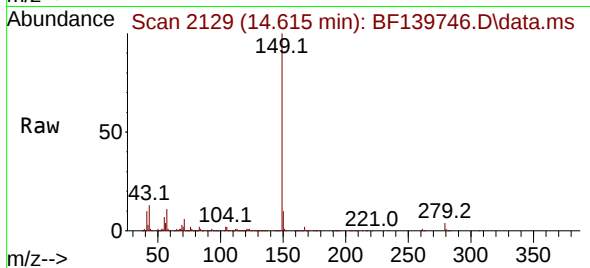
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	10.2	15.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

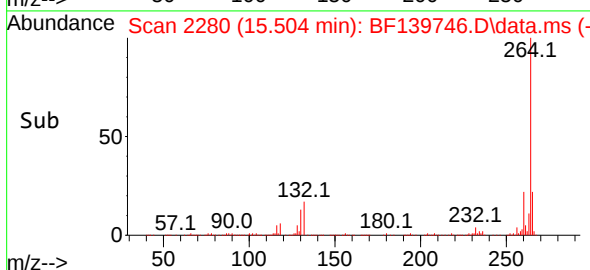
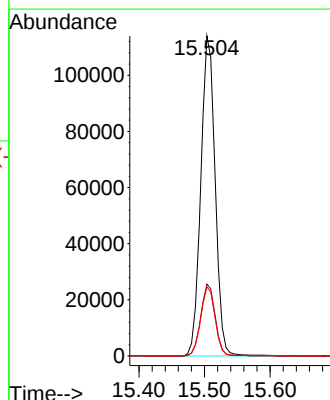
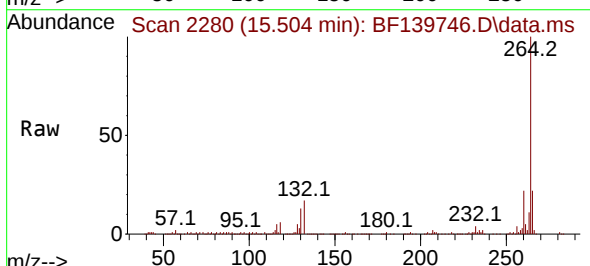
Delta R.T. -0.000 min

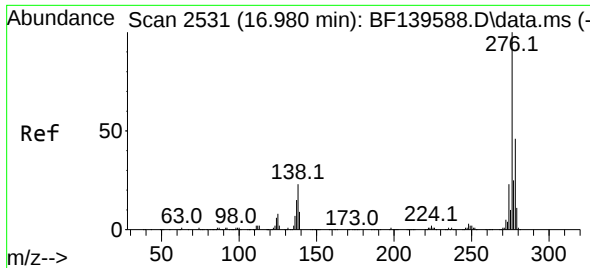
Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Tgt Ion:264 Resp: 173917

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.6	16.9	25.3





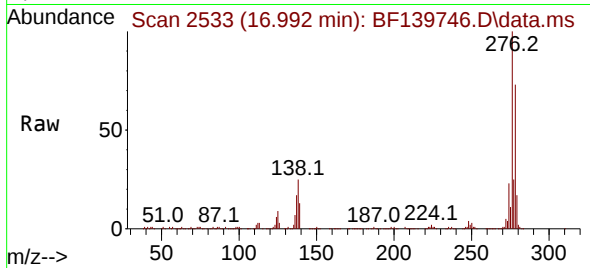
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.896 ng
RT: 16.992 min Scan# 2533
Delta R.T. 0.012 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD



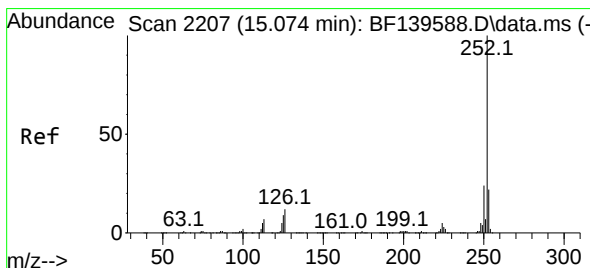
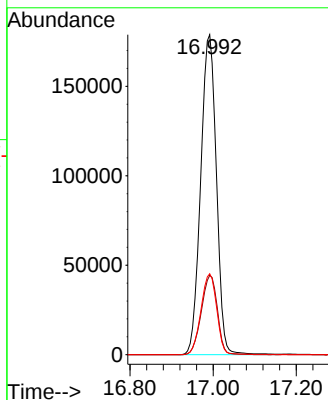
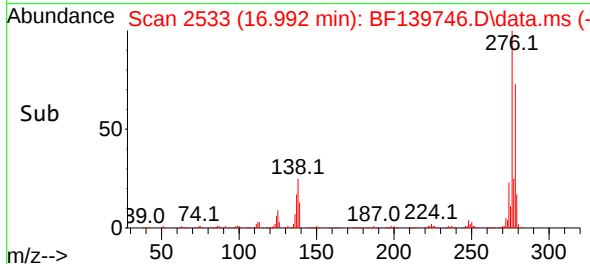
Tgt Ion:276 Resp: 46981
Ion Ratio Lower Upper
276 100
138 25.3 19.4 29.0
277 25.3 20.2 30.2

Manual Integrations

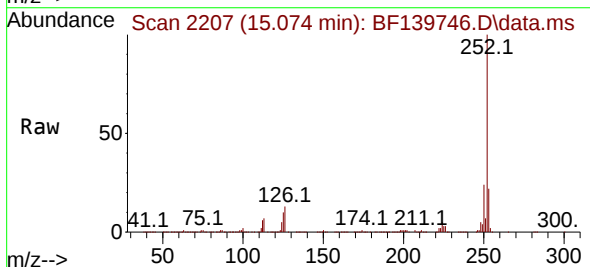
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

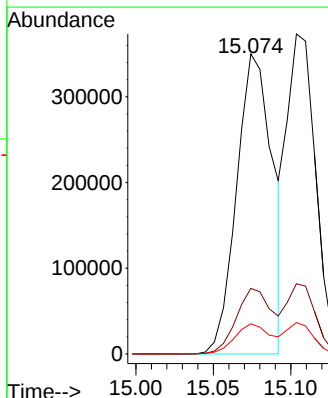
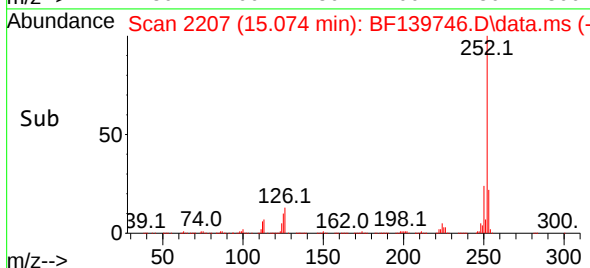
Supervised By :mohammad ahmed 10/11/2024

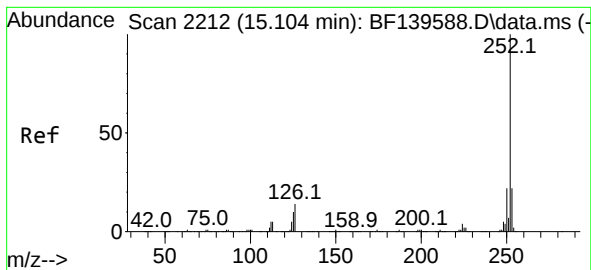


#88
Benzo(b)fluoranthene
Concen: 50.249 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139746.D
Acq: 10 Oct 2024 15:05



Tgt Ion:252 Resp: 565065
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.772 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

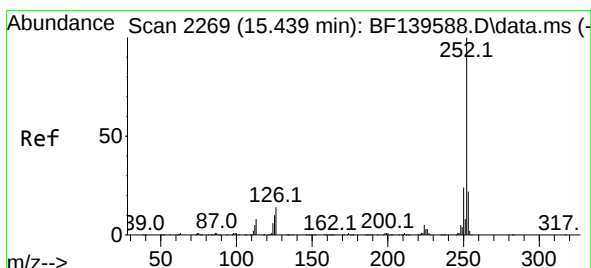
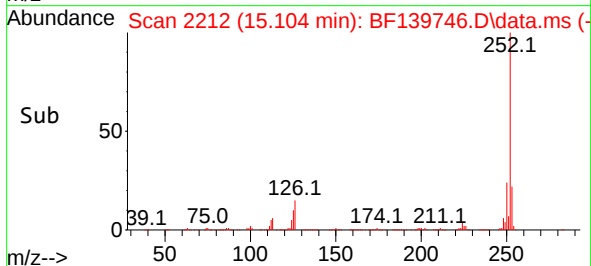
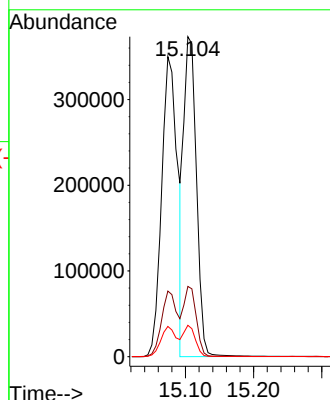
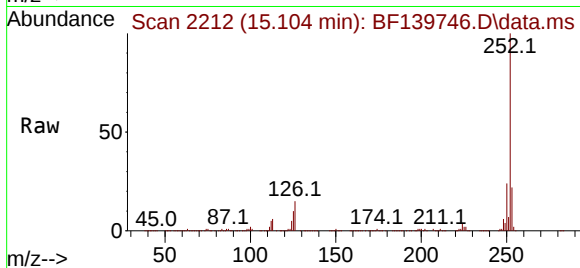
Tgt Ion:252 Resp: 484309
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.8 7.6 11.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#90

Benzo(a)pyrene

Concen: 55.492 ng

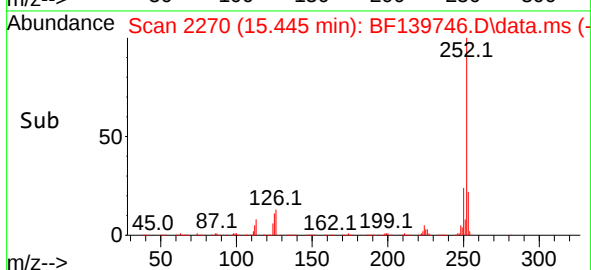
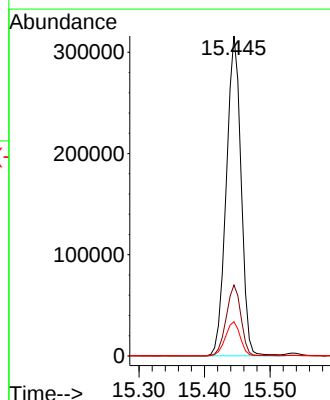
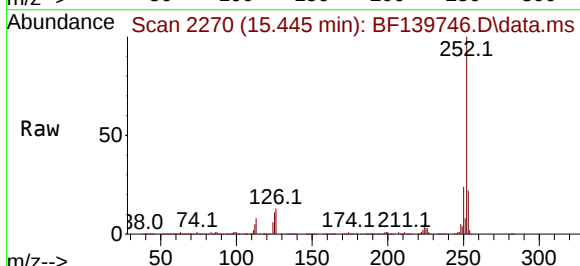
RT: 15.445 min Scan# 2270

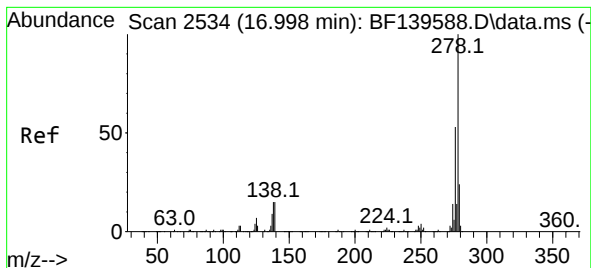
Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Tgt Ion:252 Resp: 492039
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.415 ng

RT: 17.003 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Instrument :

BNA_F

ClientSampleId :

1B-7MSD

Tgt Ion:278 Resp: 394074

Ion Ratio Lower Upper

278 100

139 15.7 12.2 18.4

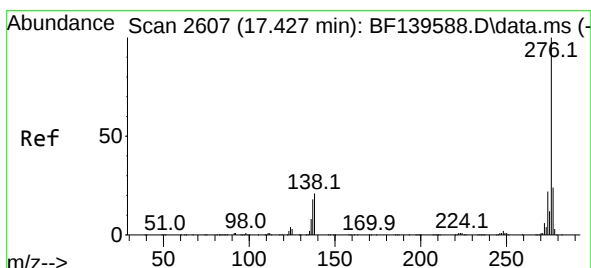
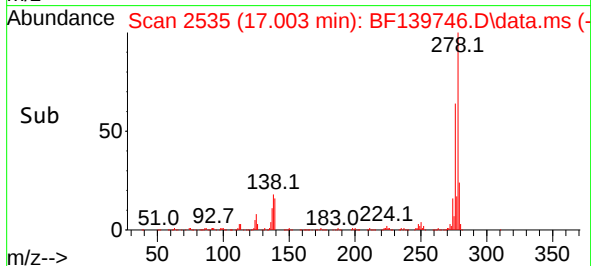
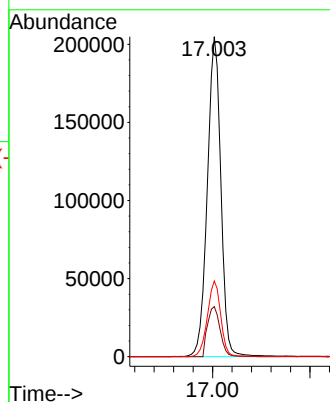
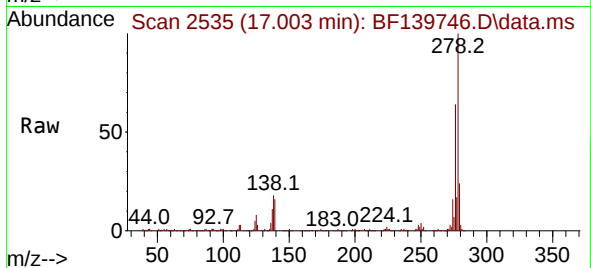
279 23.7 19.2 28.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#92

Benzo(g,h,i)perylene

Concen: 39.344 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.006 min

Lab File: BF139746.D

Acq: 10 Oct 2024 15:05

Tgt Ion:276 Resp: 335003

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 22.0 17.0 25.6

