

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139672.D
 Acq On : 04 Oct 2024 22:09
 Operator : RC/JU
 Sample : P4236-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 22:57:02 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	87667	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322185	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	158285	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	253109	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170633	20.000	ng	0.00
86) Perylene-d12	15.492	264	138029	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	462088	91.358	ng	0.01
7) Phenol-d6	6.504	99	602101	88.520	ng	0.00
23) Nitrobenzene-d5	7.428	82	392618	61.699	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	120835	79.081	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	691214	67.040	ng	0.00
79) Terphenyl-d14	12.968	244	596287	57.340	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	106545	48.722	ng	98
3) Pyridine	3.475	79	255164	47.978	ng	98
4) n-Nitrosodimethylamine	3.440	42	177427	50.967	ng	98
6) Aniline	6.528	93	191522	31.731	ng	# 66
8) 2-Chlorophenol	6.651	128	274122	50.585	ng	99
9) Benzaldehyde	6.416	77	99323	27.566	ng	98
10) Phenol	6.516	94	348054	48.664	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	280803	48.220	ng	99
12) 1,3-Dichlorobenzene	6.804	146	290907	47.719	ng	99
13) 1,4-Dichlorobenzene	6.886	146	293940	47.607	ng	99
14) 1,2-Dichlorobenzene	7.034	146	279339	48.273	ng	99
15) Benzyl Alcohol	7.010	79	247436	47.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	496636	49.263	ng	91
17) 2-Methylphenol	7.122	107	219725	48.569	ng	99
18) Hexachloroethane	7.375	117	103648	45.006	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	205368	46.963	ng	99
20) 3+4-Methylphenols	7.275	107	270952	47.684	ng	92
22) Acetophenone	7.275	105	376945	49.289	ng	96
24) Nitrobenzene	7.451	77	313575	47.588	ng	99
25) Isophorone	7.686	82	545678	48.280	ng	99
26) 2-Nitrophenol	7.763	139	142165	50.186	ng	99
27) 2,4-Dimethylphenol	7.804	122	200377	57.781	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	326165	48.328	ng	99
29) 2,4-Dichlorophenol	8.010	162	216434	47.849	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	236671	46.266	ng	99
31) Naphthalene	8.169	128	774388	47.010	ng	99
32) Benzoic acid	7.928	122	143690	41.670	ng	99
33) 4-Chloroaniline	8.233	127	42982	7.708	ng	98
34) Hexachlorobutadiene	8.286	225	154506	46.673	ng	99
35) Caprolactam	8.586	113	68329m	46.056	ng	
36) 4-Chloro-3-methylphenol	8.710	107	227660	44.462	ng	100
37) 2-Methylnaphthalene	8.863	142	494246	46.068	ng	100
38) 1-Methylnaphthalene	8.963	142	447710	42.692	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	228034	51.881	ng	99
41) Hexachlorocyclopentadiene	9.010	237	121817	90.387	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	148466	50.106	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139672.D
 Acq On : 04 Oct 2024 22:09
 Operator : RC/JU
 Sample : P4236-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

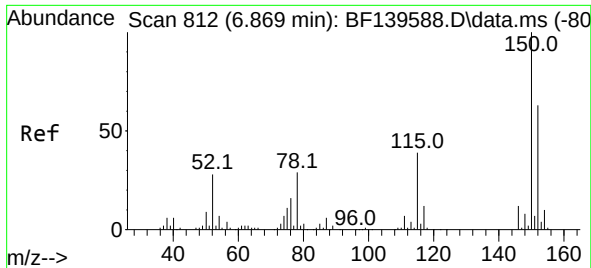
Quant Time: Oct 04 22:57:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

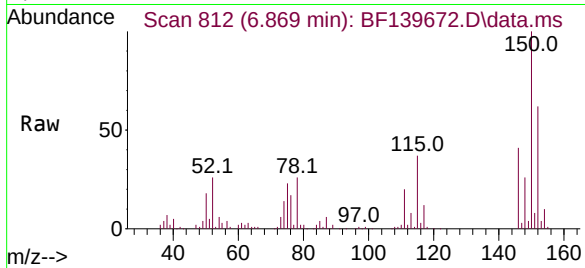
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	152605	47.758	ng	99
46) 1,1'-Biphenyl	9.322	154	594045	50.459	ng	99
47) 2-Chloronaphthalene	9.351	162	436644	49.474	ng	98
48) 2-Nitroaniline	9.451	65	160758	50.742	ng	99
49) Acenaphthylene	9.763	152	690159	51.420	ng	100
50) Dimethylphthalate	9.622	163	531930	51.337	ng	100
51) 2,6-Dinitrotoluene	9.686	165	109576	46.815	ng	98
52) Acenaphthene	9.939	154	450140	48.853	ng	99
53) 3-Nitroaniline	9.857	138	71560	29.918	ng	99
54) 2,4-Dinitrophenol	9.969	184	60894	48.370	ng	95
55) Dibenzofuran	10.110	168	616462	47.784	ng	99
56) 4-Nitrophenol	10.027	139	157772	86.496	ng	94
57) 2,4-Dinitrotoluene	10.092	165	136810	44.717	ng	98
58) Fluorene	10.451	166	458697	44.640	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	118712	45.997	ng	97
60) Diethylphthalate	10.322	149	522440	48.816	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	232419	45.212	ng	100
62) 4-Nitroaniline	10.469	138	90688	37.066	ng	98
63) Azobenzene	10.604	77	499809	46.438	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	42368	29.638	ng	96
66) n-Nitrosodiphenylamine	10.563	169	401170	53.771	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	132580	51.088	ng	99
68) Hexachlorobenzene	10.998	284	137935	47.899	ng	99
69) Atrazine	11.086	200	124422	62.157	ng	100
70) Pentachlorophenol	11.192	266	150025	87.493	ng	98
71) Phenanthrene	11.416	178	591747	49.584	ng	100
72) Anthracene	11.463	178	605397	51.276	ng	99
73) Carbazole	11.621	167	555906	49.023	ng	99
74) Di-n-butylphthalate	11.945	149	715520	51.889	ng	100
75) Fluoranthene	12.604	202	633099	48.528	ng	99
77) Benzidine	12.727	184	276450	91.851	ng	100
78) Pyrene	12.833	202	654453	42.883	ng	100
80) Butylbenzylphthalate	13.445	149	280571	51.398	ng	99
81) Benzo(a)anthracene	14.015	228	578295	51.548	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	176587	51.433	ng	98
83) Chrysene	14.057	228	497161	48.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	394889	57.932	ng	100
85) Di-n-octyl phthalate	14.615	149	650425	64.951	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	363172	44.703	ng	100
88) Benzo(b)fluoranthene	15.068	252	432026	48.408	ng	99
89) Benzo(k)fluoranthene	15.098	252	407946	53.886	ng	99
90) Benzo(a)pyrene	15.433	252	371730	52.824	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	302708	44.924	ng	99
92) Benzo(g,h,i)perylene	17.409	276	271409	40.163	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

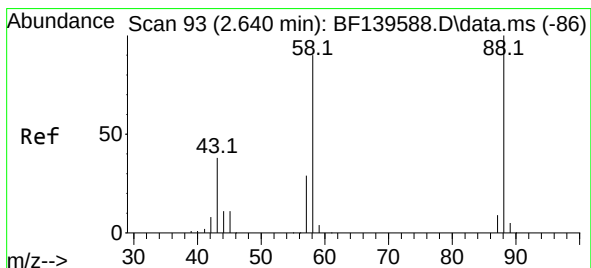
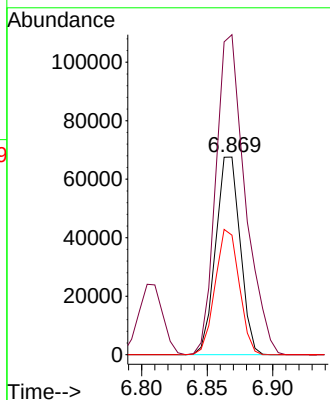
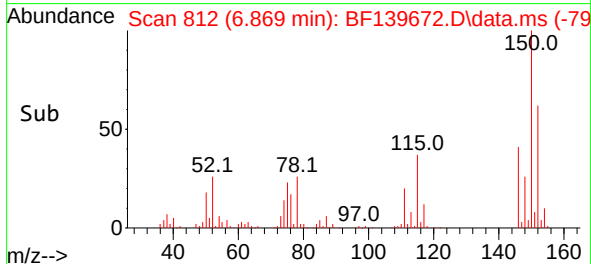
Instrument :
BNA_F
ClientSampleId :
TP4MSD



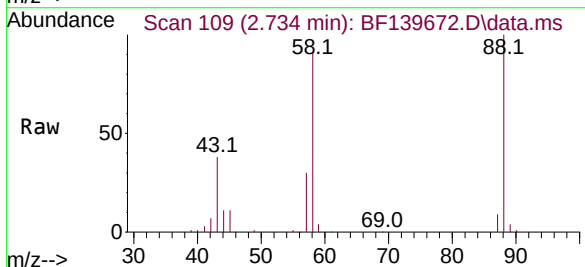
Tgt Ion:152 Resp: 8766
Ion Ratio Lower Upper
152 100
150 161.9 127.2 190.8
115 60.5 49.0 73.4

Manual Integrations
APPROVED

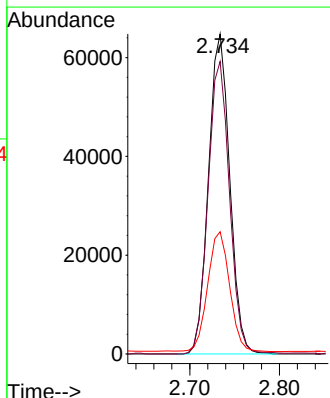
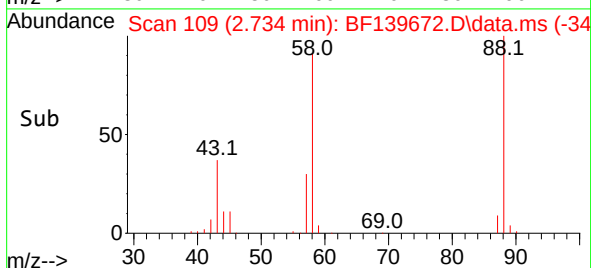
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

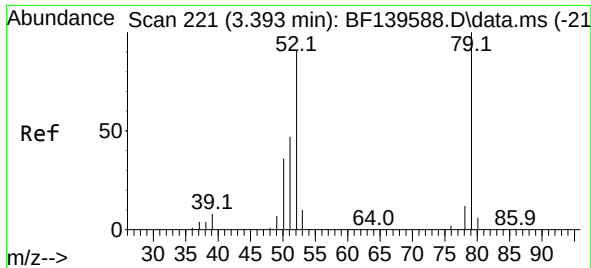


#2
1,4-Dioxane
Concen: 48.722 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion: 88 Resp: 106545
Ion Ratio Lower Upper
88 100
58 92.6 72.0 108.0
43 38.8 30.8 46.2





#3

Pyridine

Concen: 47.978 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

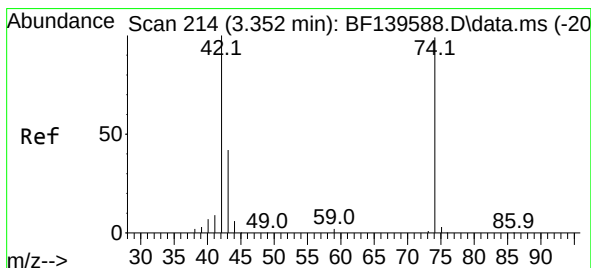
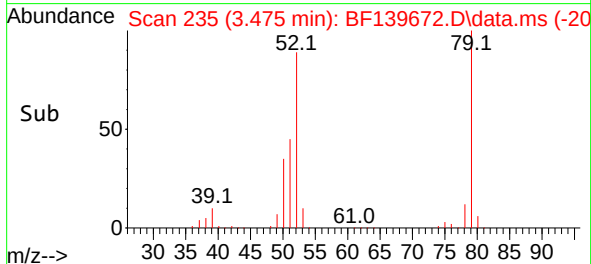
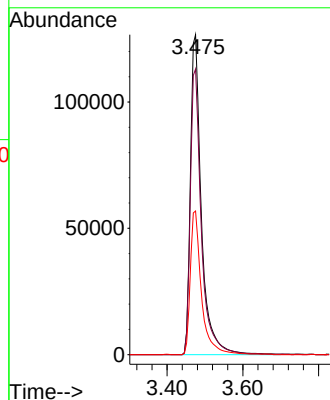
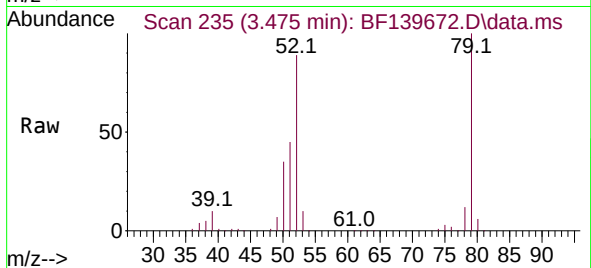
Tgt Ion:	79	Resp:	255164
Ion	Ratio	Lower	Upper
79	100		
52	89.2	72.6	109.0
51	44.9	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#4

n-Nitrosodimethylamine

Concen: 50.967 ng

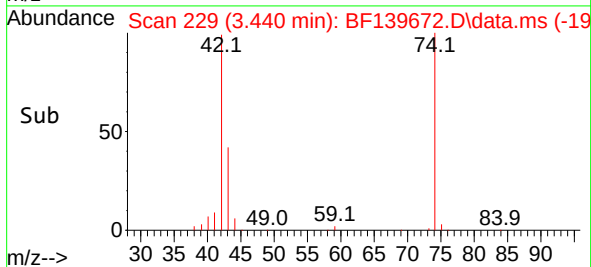
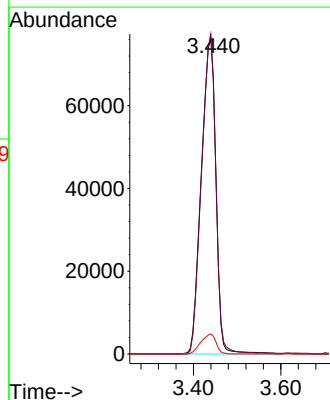
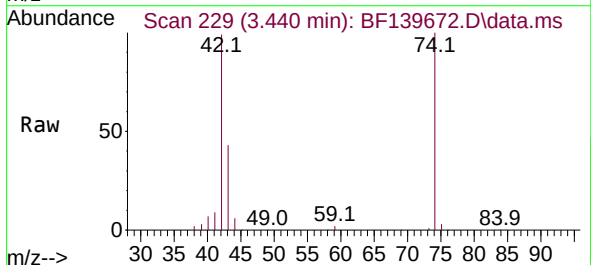
RT: 3.440 min Scan# 229

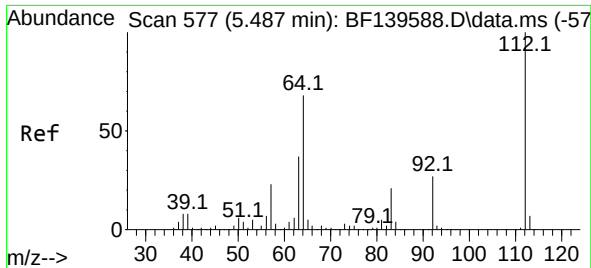
Delta R.T. 0.088 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:	42	Resp:	177427
Ion	Ratio	Lower	Upper
42	100		
74	101.0	79.0	118.6
44	6.3	5.2	7.8





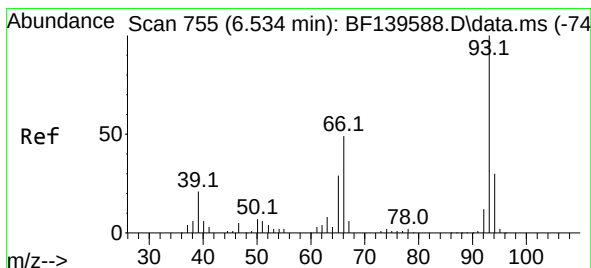
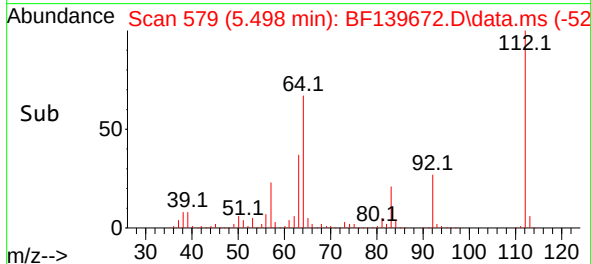
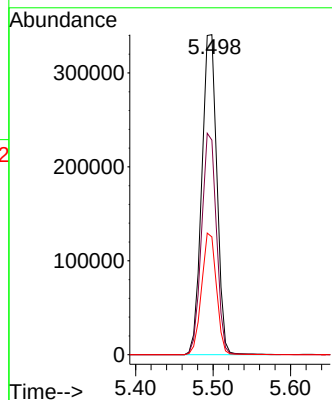
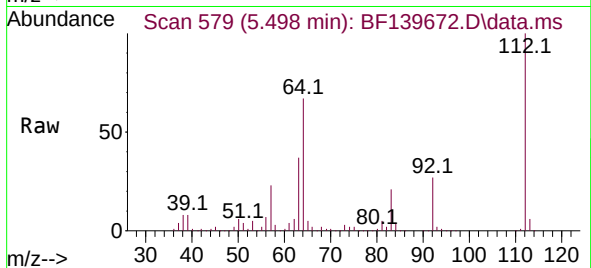
#5
2-Fluorophenol
Concen: 91.358 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:112 Resp: 46208
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.4
63 36.8 29.4 44.2

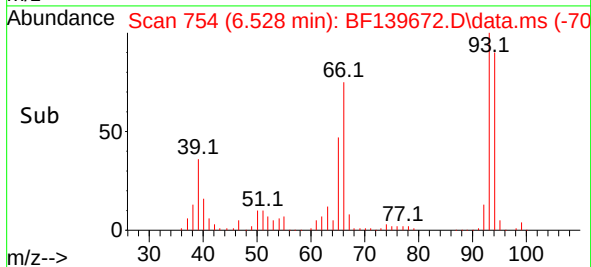
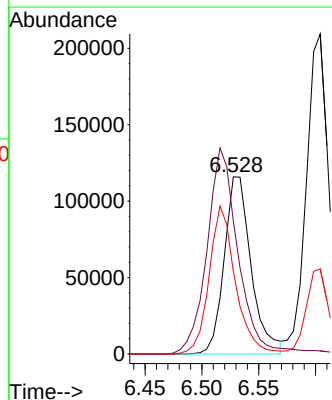
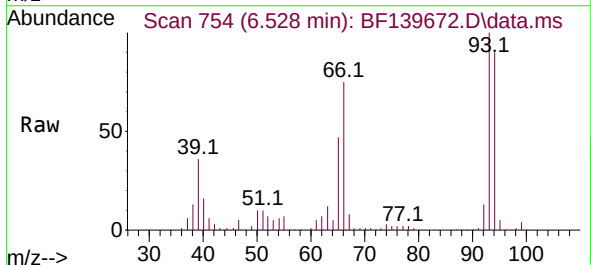
Manual Integrations
APPROVED

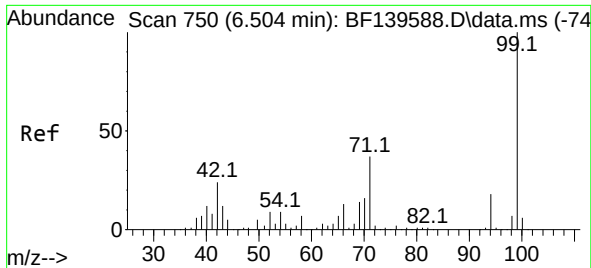
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#6
Aniline
Concen: 31.731 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

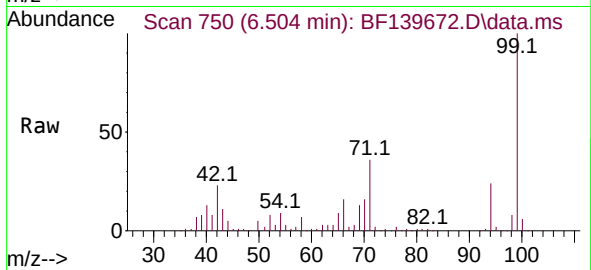
Tgt Ion: 93 Resp: 191522
Ion Ratio Lower Upper
93 100
66 75.2 40.9 61.3#
65 46.6 23.3 34.9#





#7
Phenol-d6
Concen: 88.520 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

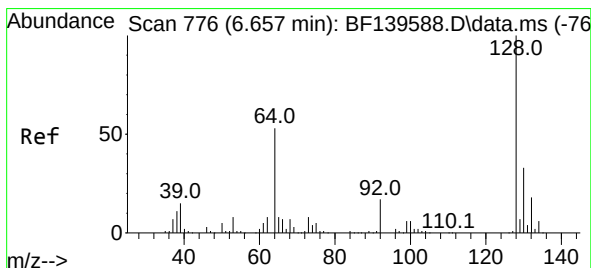
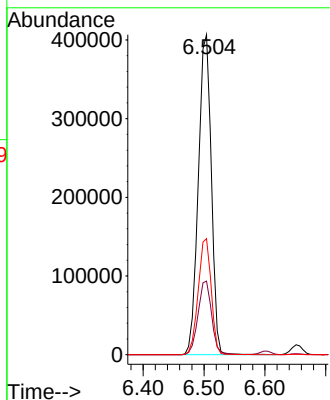
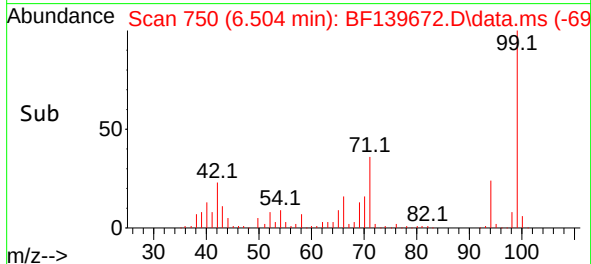
Instrument :
BNA_F
ClientSampleId :
TP4MSD



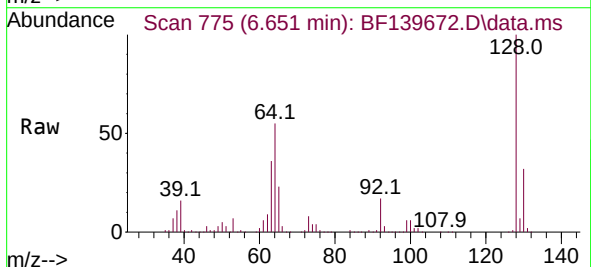
Tgt Ion: 99 Resp: 60210
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.3 29.7 44.5

Manual Integrations
APPROVED

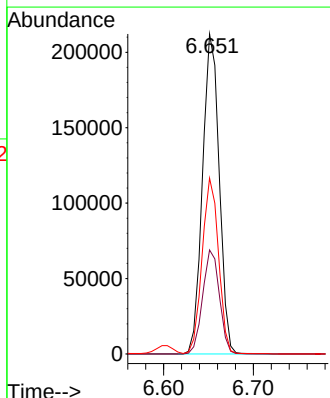
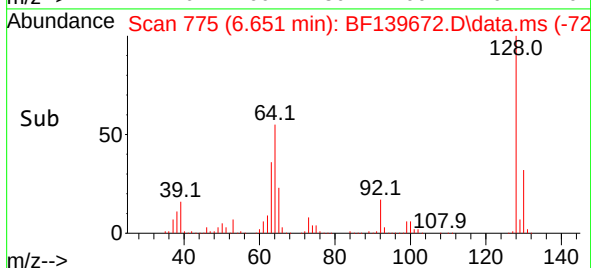
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

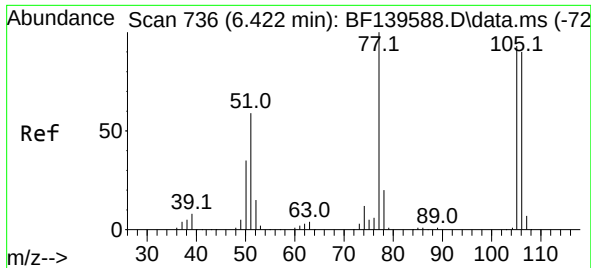


#8
2-Chlorophenol
Concen: 50.585 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:128 Resp: 274122
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 54.9 35.1 75.1





#9

Benzaldehyde

Concen: 27.566 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 77 Resp: 9932

Ion Ratio Lower Upper

77 100

105 95.2 72.7 112.7

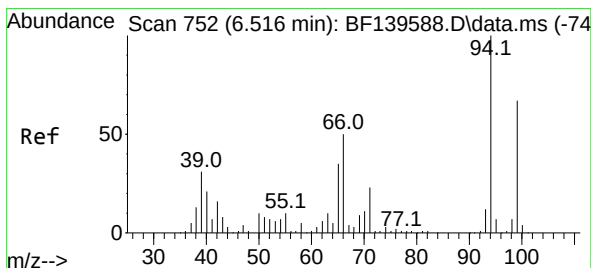
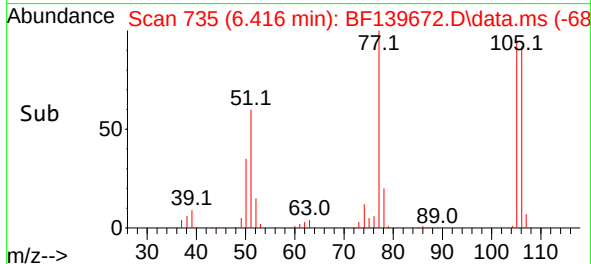
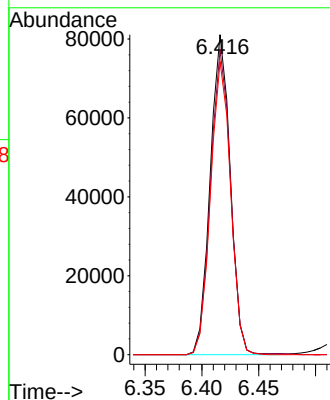
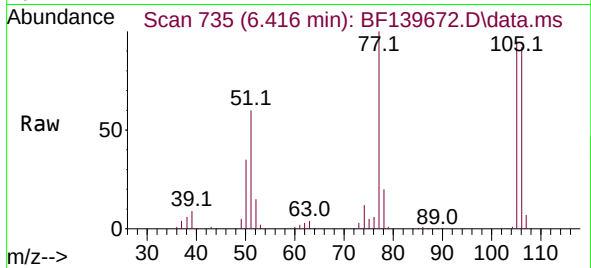
106 91.6 70.1 110.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#10

Phenol

Concen: 48.664 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

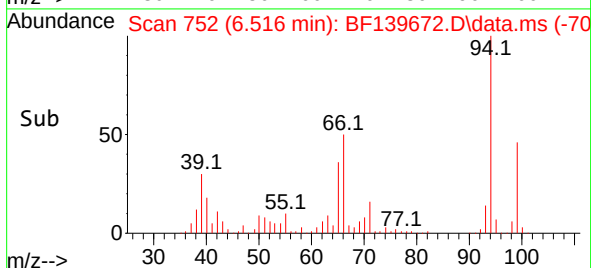
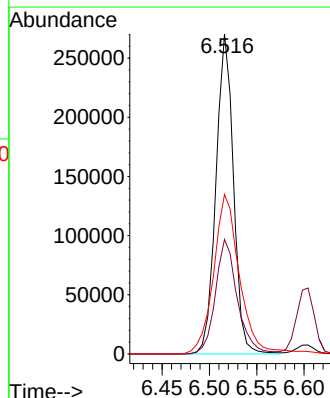
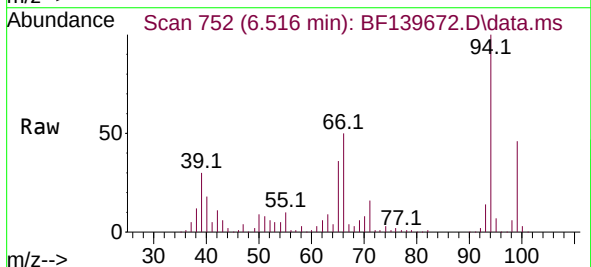
Tgt Ion: 94 Resp: 348054

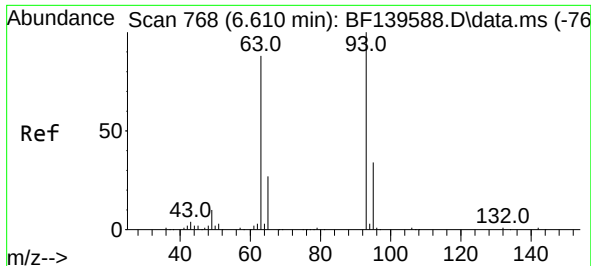
Ion Ratio Lower Upper

94 100

65 35.8 15.3 55.3

66 49.8 30.5 70.5





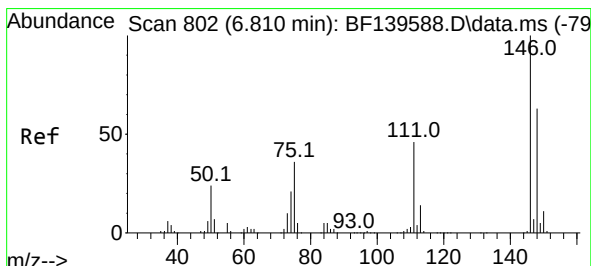
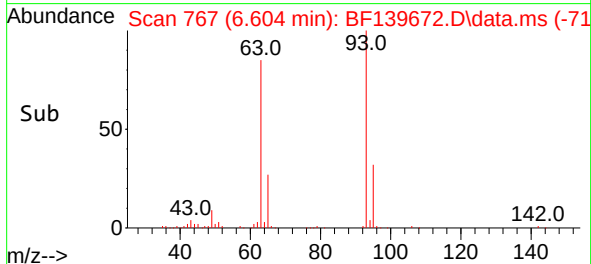
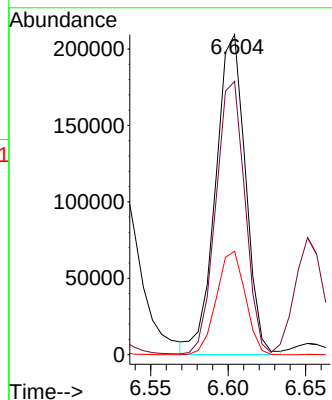
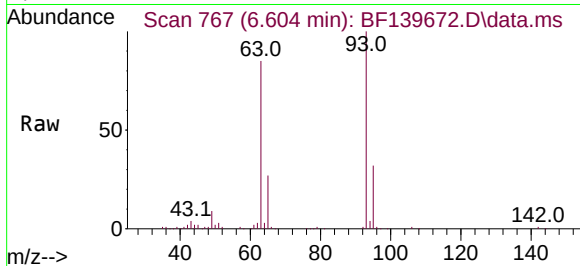
#11
bis(2-Chloroethyl)ether
Concen: 48.220 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion: 93 Resp: 28080
Ion Ratio Lower Upper
93 100
63 85.4 64.1 104.1
95 32.3 12.3 52.3

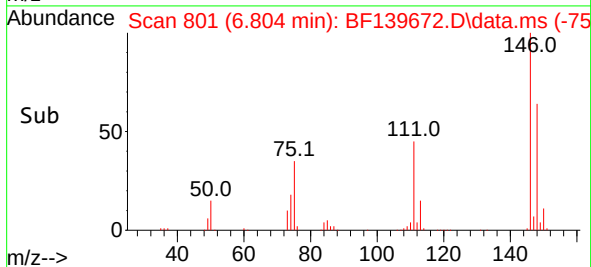
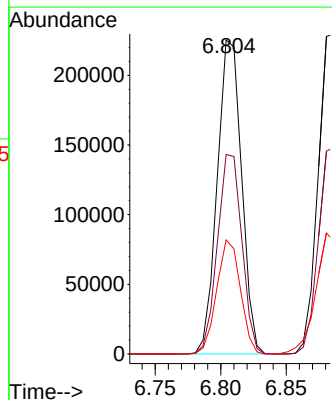
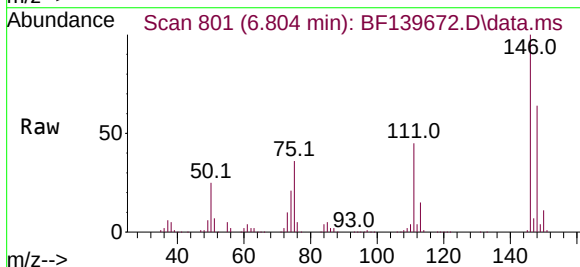
Manual Integrations
APPROVED

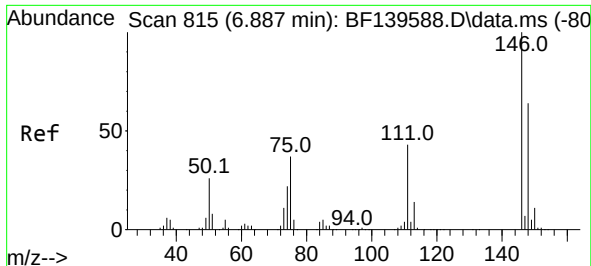
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#12
1,3-Dichlorobenzene
Concen: 47.719 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

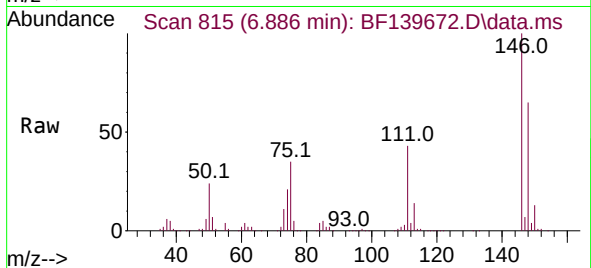
Tgt Ion:146 Resp: 290907
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 36.3 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 47.607 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

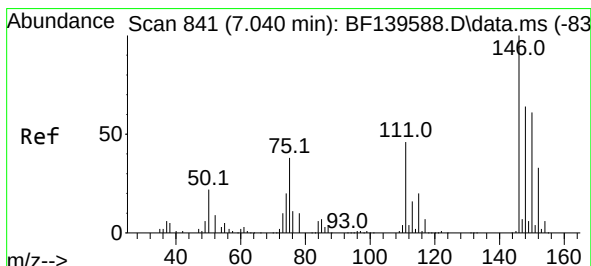
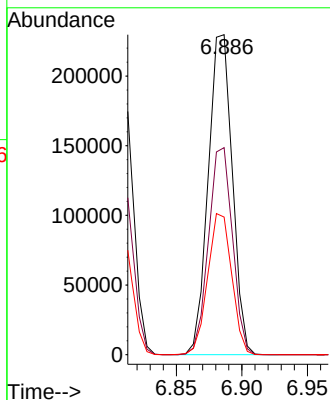
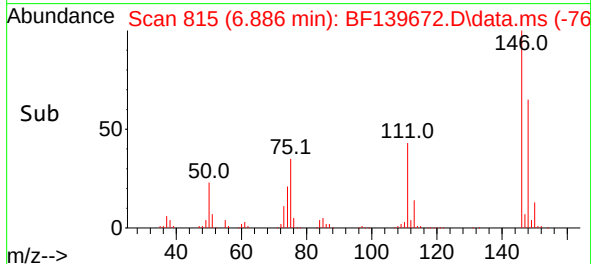
Instrument :
BNA_F
ClientSampleId :
TP4MSD



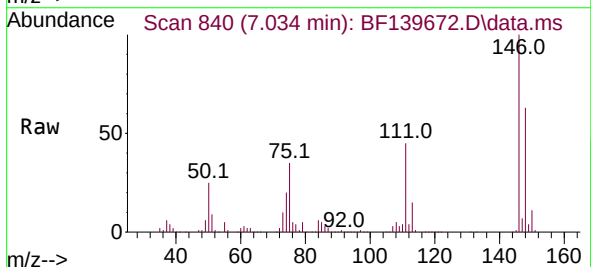
Tgt Ion:146 Resp: 293940
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 43.0 34.9 52.3

Manual Integrations
APPROVED

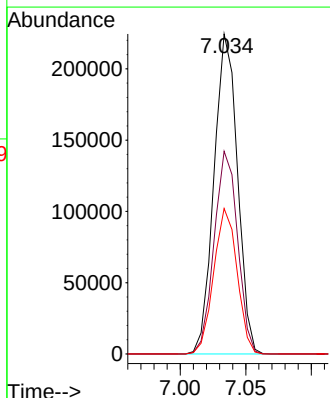
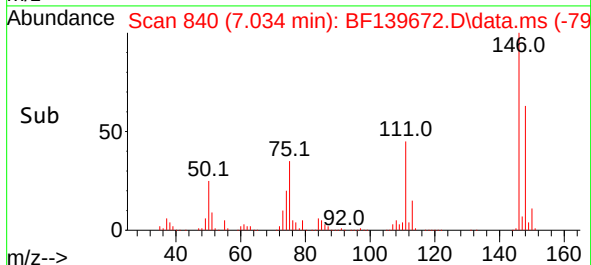
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

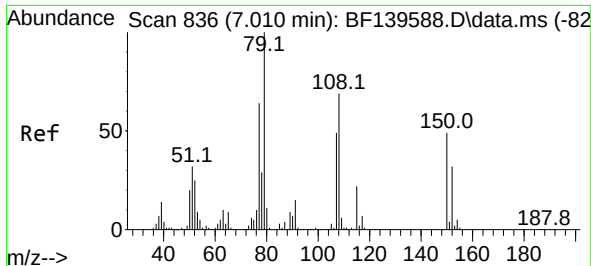


#14
1,2-Dichlorobenzene
Concen: 48.273 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



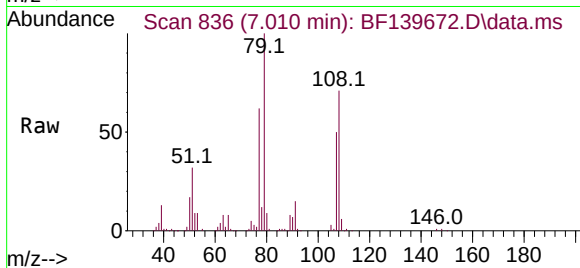
Tgt Ion:146 Resp: 279339
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 45.4 37.0 55.6





#15
Benzyl Alcohol
Concen: 47.611 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

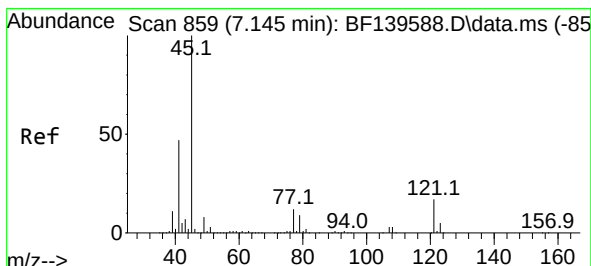
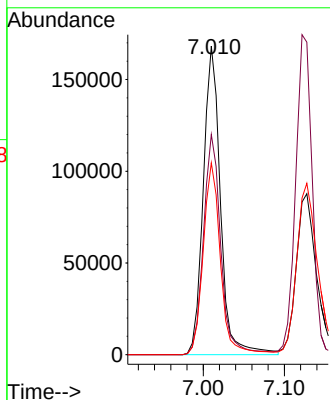
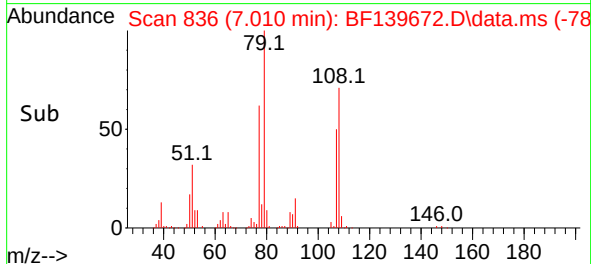
Instrument :
BNA_F
ClientSampleId :
TP4MSD



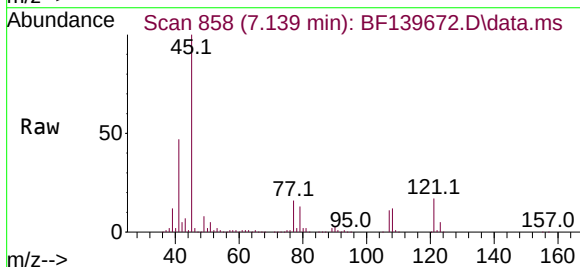
Tgt Ion: 79 Resp: 247430
Ion Ratio Lower Upper
79 100
108 71.3 55.1 82.7
77 62.1 50.8 76.2

Manual Integrations
APPROVED

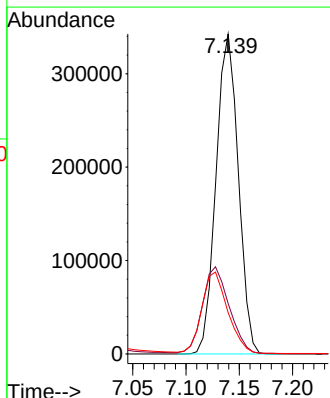
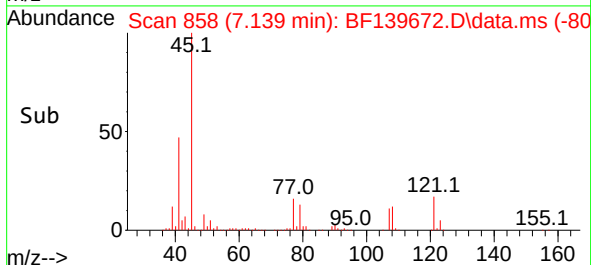
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

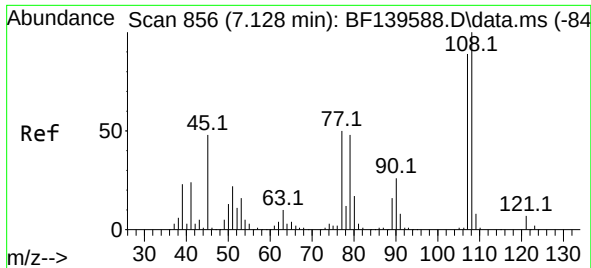


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.263 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion: 45 Resp: 496636
Ion Ratio Lower Upper
45 100
77 15.8 0.0 32.5
79 12.9 0.0 29.7





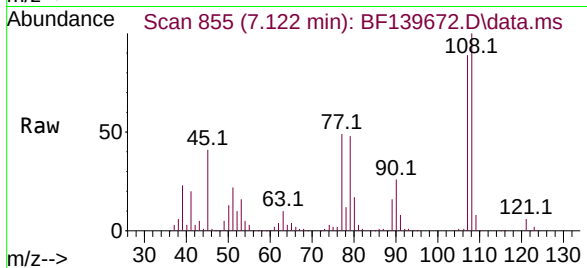
#17
2-Methylphenol
Concen: 48.569 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

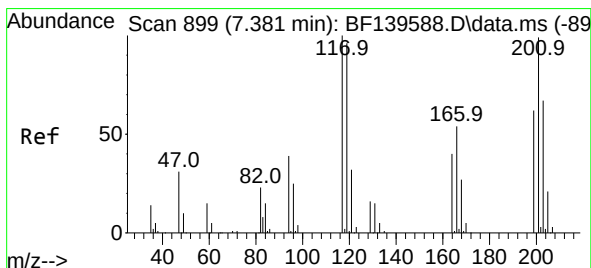
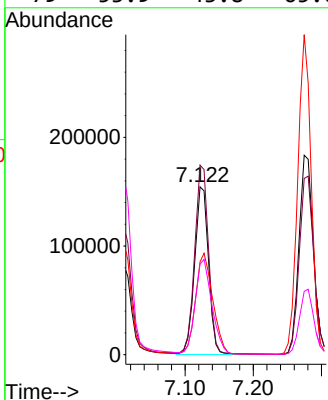
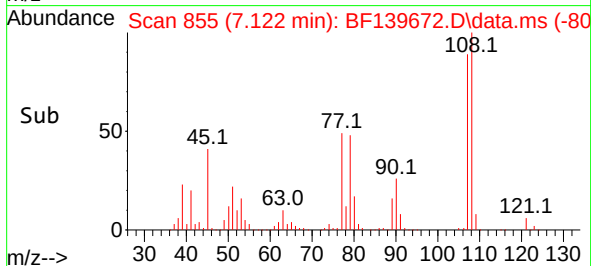


Tgt Ion:107 Resp: 219725
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 55.3 44.6 67.0
79 53.9 43.8 65.6

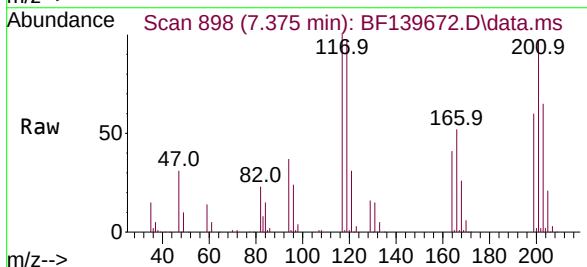
Manual Integrations

APPROVED

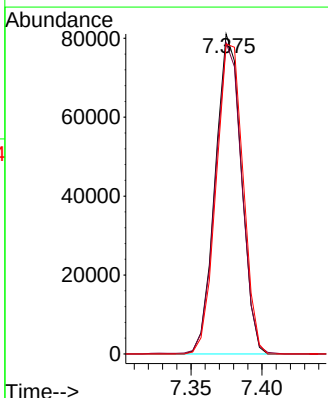
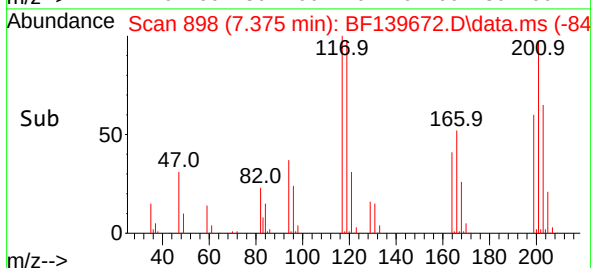
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

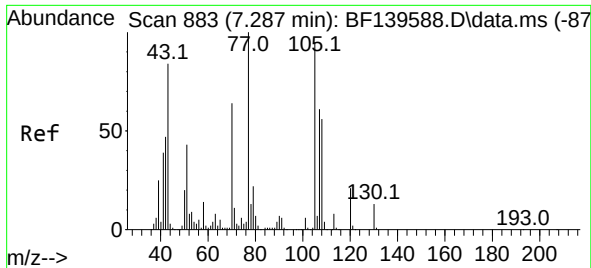


#18
Hexachloroethane
Concen: 45.006 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



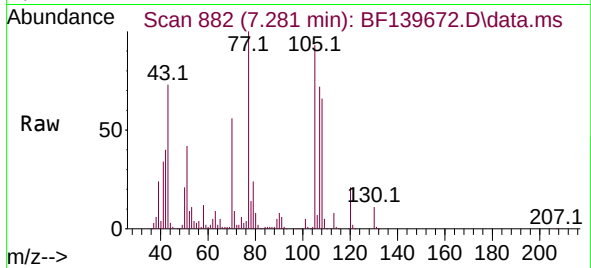
Tgt Ion:117 Resp: 103648
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6
201 96.9 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.963 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

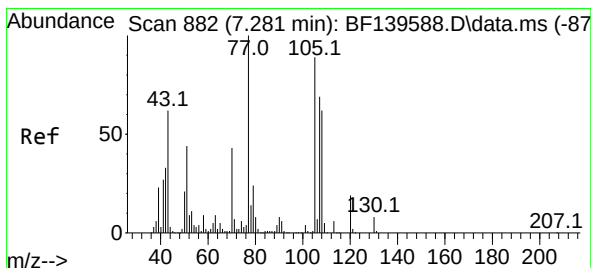
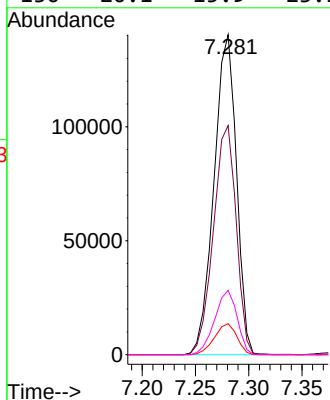
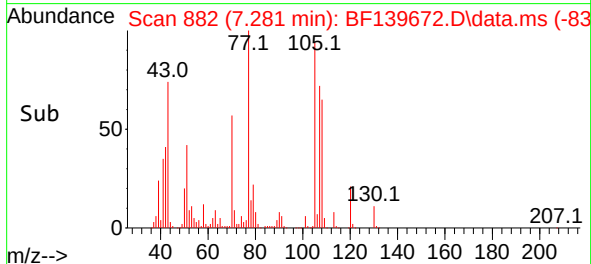
Instrument :
BNA_F
ClientSampleId :
TP4MSD



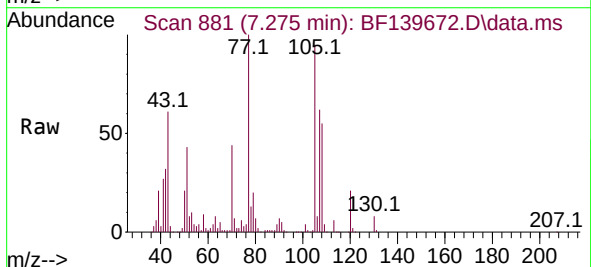
Tgt Ion: 70 Resp: 205368
Ion Ratio Lower Upper
70 100
42 71.6 58.0 87.0
101 9.7 7.8 11.8
130 20.1 15.9 23.9

Manual Integrations
APPROVED

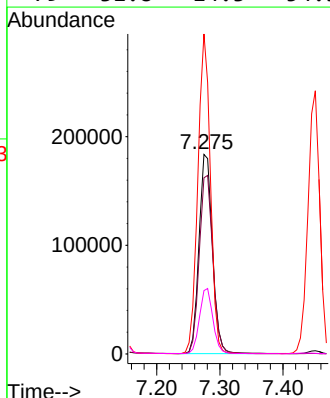
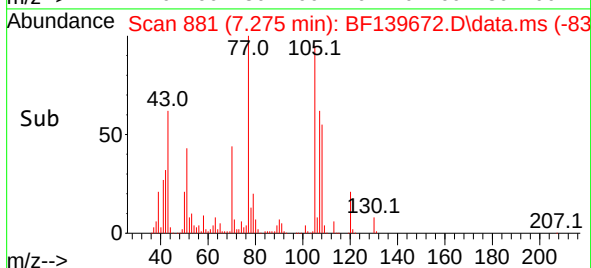
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

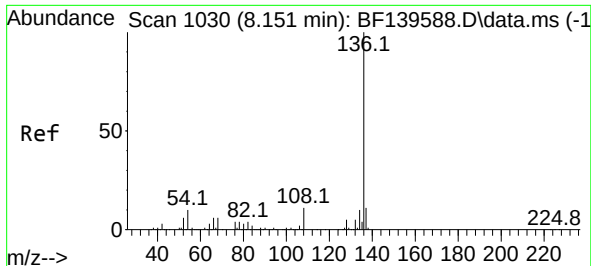


#20
3+4-Methylphenols
Concen: 47.684 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:107 Resp: 270952
Ion Ratio Lower Upper
107 100
108 88.3 70.2 110.2
77 160.3 125.3 165.3
79 31.8 14.3 54.3





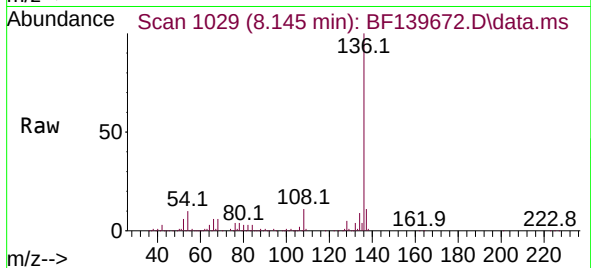
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

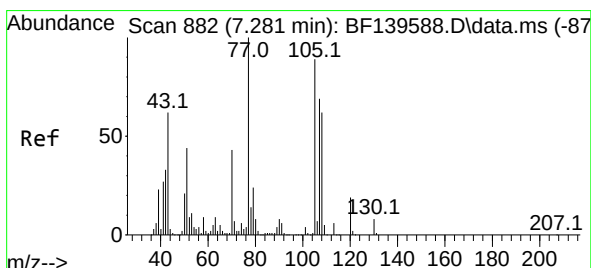
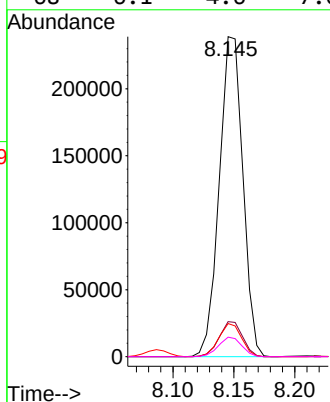
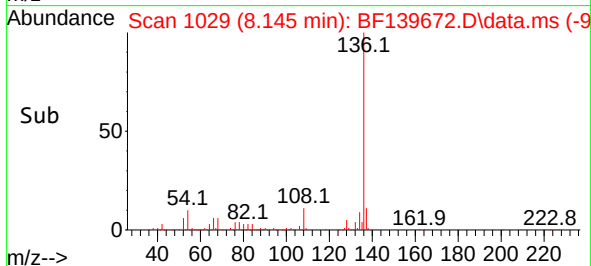


Tgt Ion:136 Resp: 322185
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.3 12.5
68 6.1 4.6 7.0

Manual Integrations

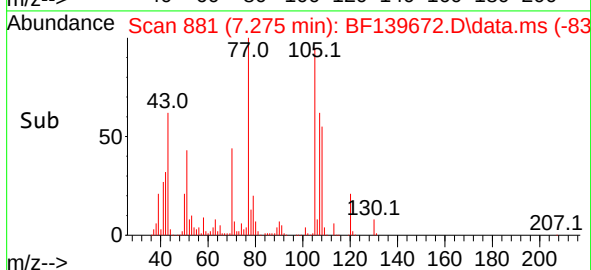
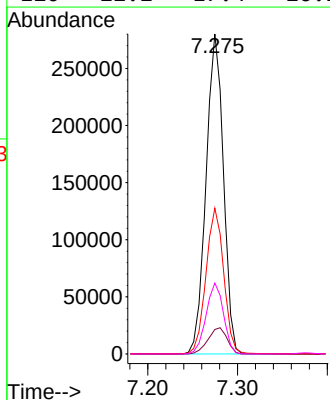
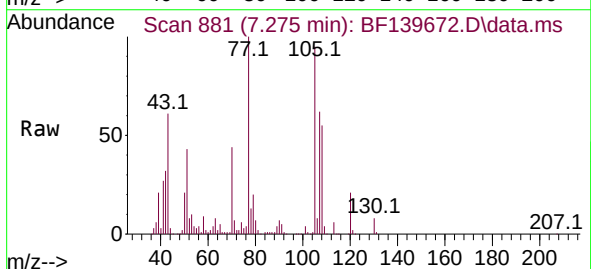
APPROVED

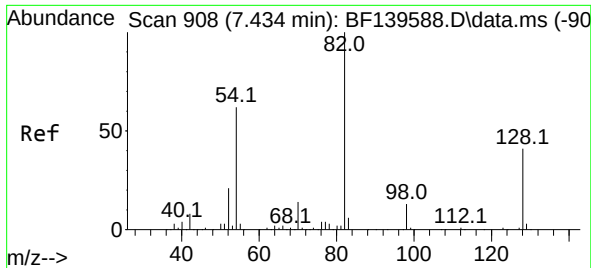
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#22
Acetophenone
Concen: 49.289 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:105 Resp: 376945
Ion Ratio Lower Upper
105 100
71 7.6 6.6 10.0
51 45.6 39.4 59.0
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 61.699 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 82 Resp: 392618

Ion Ratio Lower Upper

82 100

128 41.0 32.4 48.6

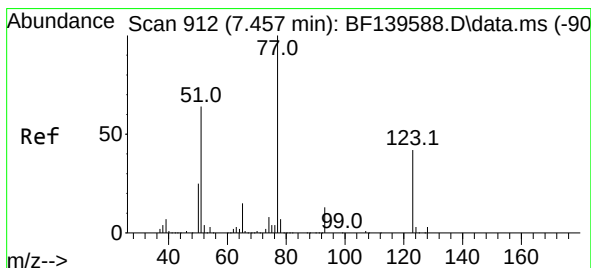
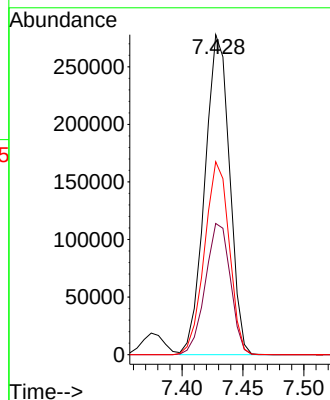
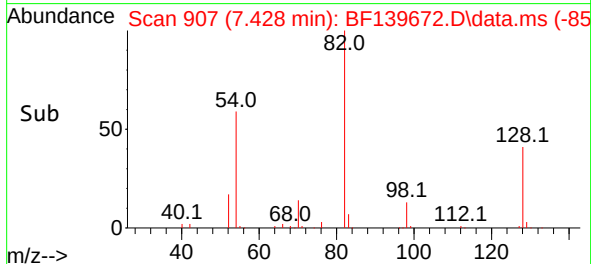
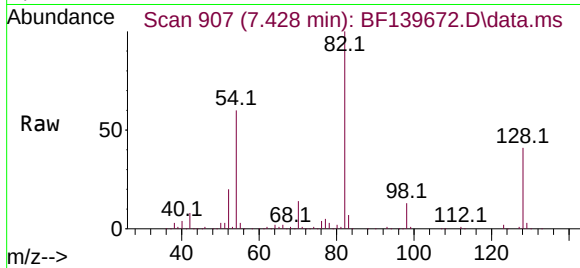
54 60.3 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#24

Nitrobenzene

Concen: 47.588 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

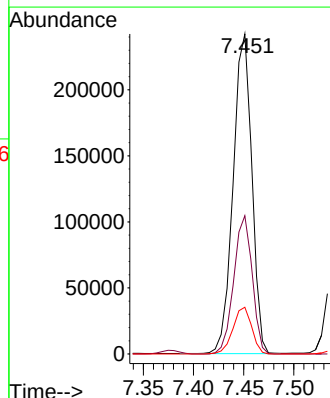
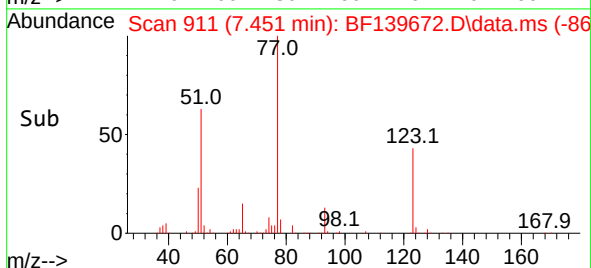
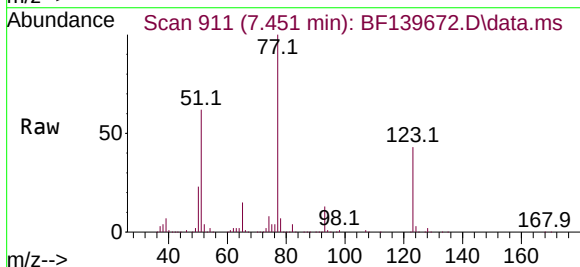
Tgt Ion: 77 Resp: 313575

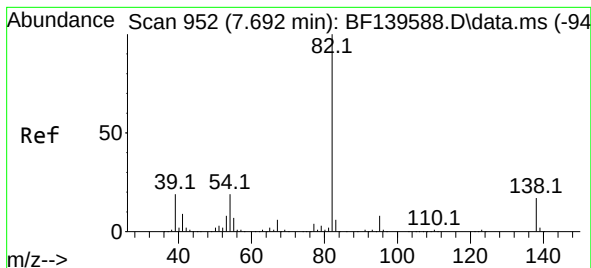
Ion Ratio Lower Upper

77 100

123 43.2 34.2 51.4

65 14.6 12.1 18.1





#25

Isophorone

Concen: 48.280 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 82 Resp: 545678

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

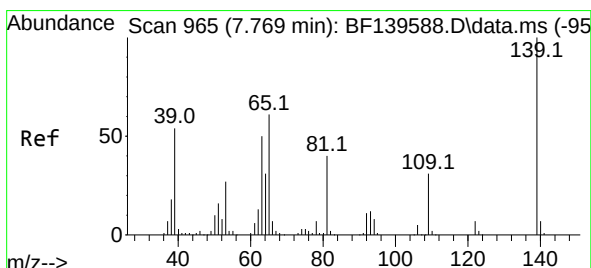
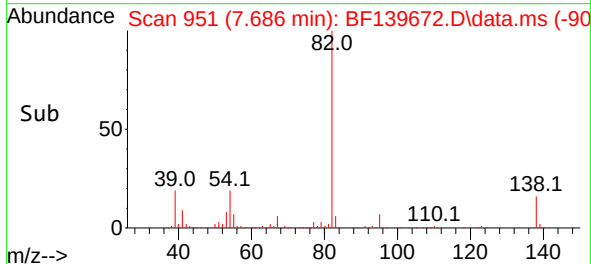
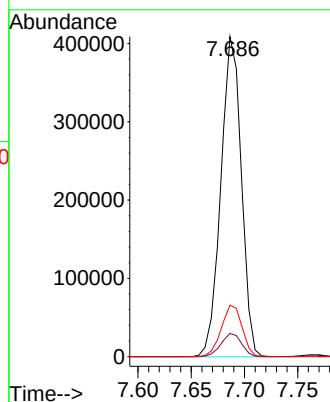
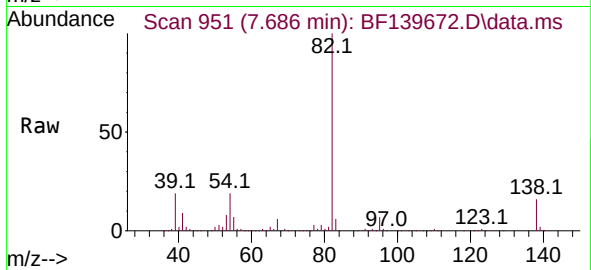
138 16.1 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#26

2-Nitrophenol

Concen: 50.186 ng

RT: 7.763 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

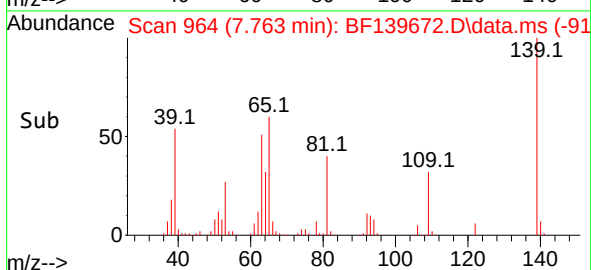
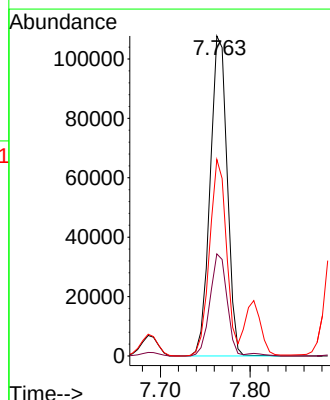
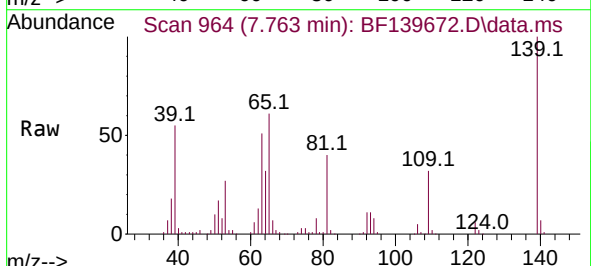
Tgt Ion:139 Resp: 142165

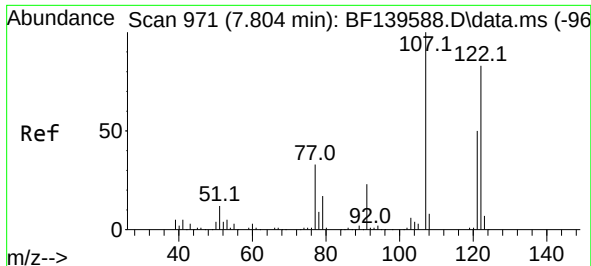
Ion Ratio Lower Upper

139 100

109 31.9 24.9 37.3

65 61.4 48.6 72.8





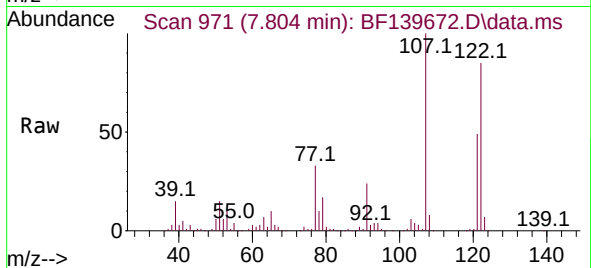
#27
2,4-Dimethylphenol
Concen: 57.781 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

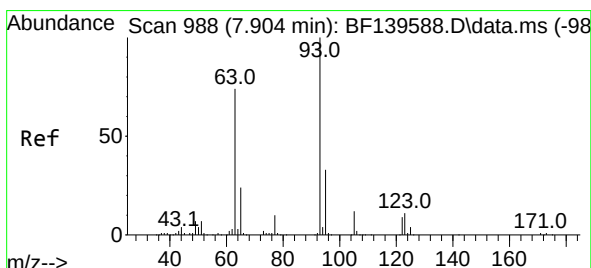
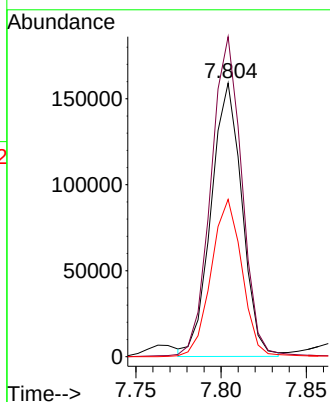
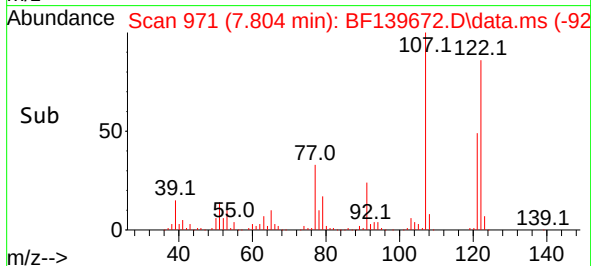


Tgt Ion:122 Resp: 20037
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 57.5 47.4 71.2

Manual Integrations

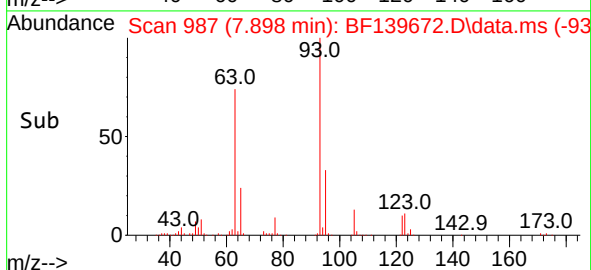
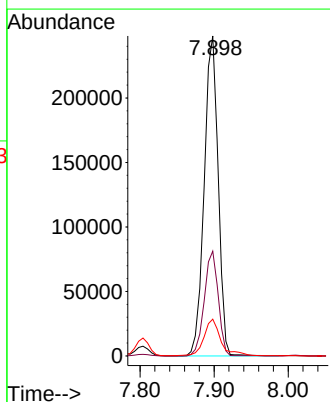
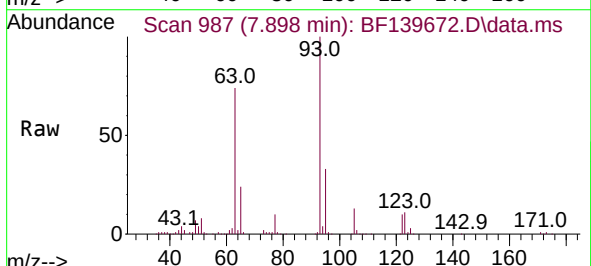
APPROVED

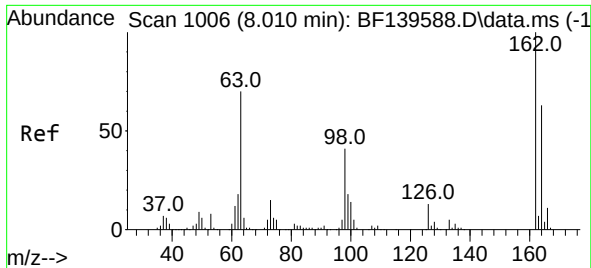
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.328 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion: 93 Resp: 326165
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.849 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

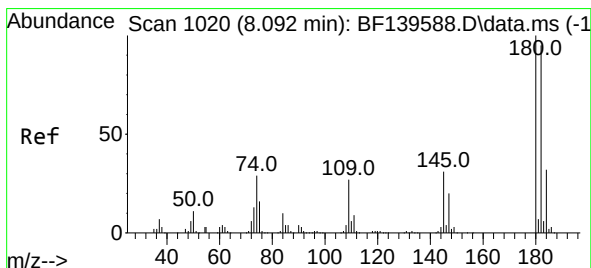
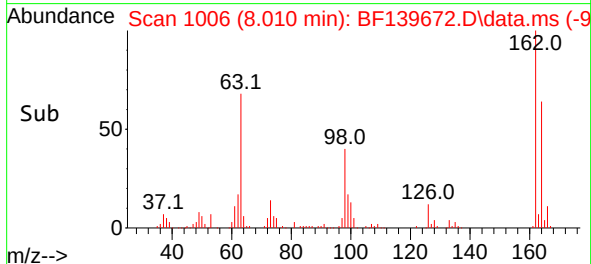
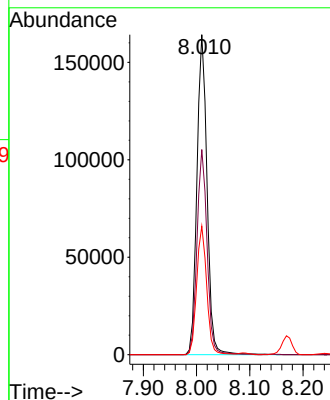
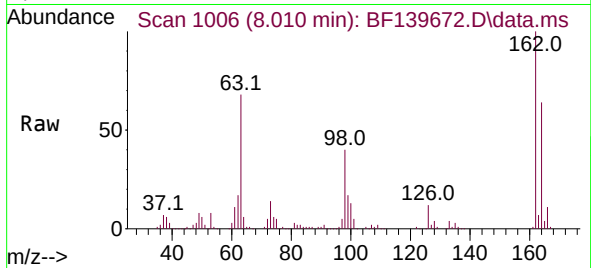
Tgt Ion:162 Resp: 216434
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.1 83.1
 98 40.2 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.266 ng

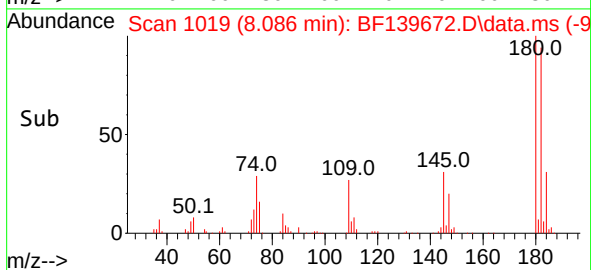
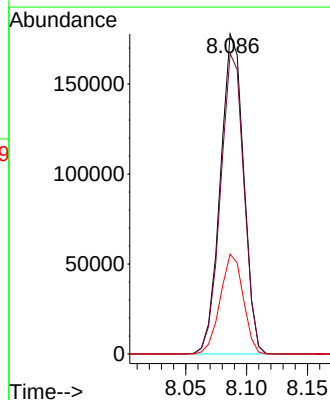
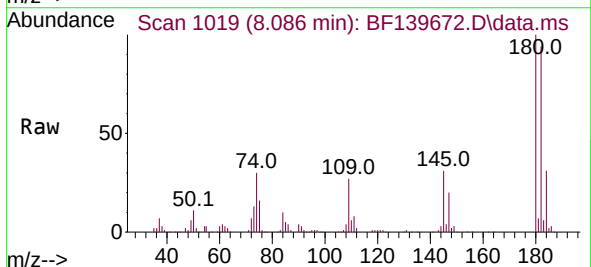
RT: 8.086 min Scan# 1019

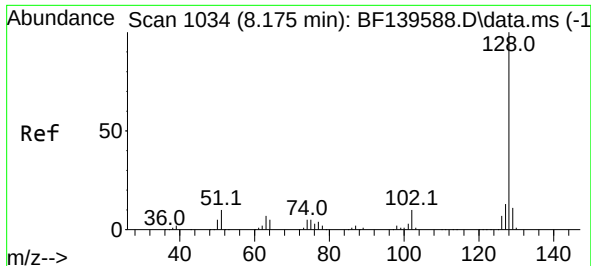
Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

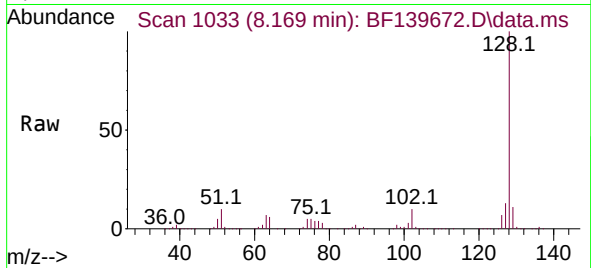
Tgt Ion:180 Resp: 236671
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.0 114.0
 145 31.2 25.0 37.6





#31
Naphthalene
Concen: 47.010 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

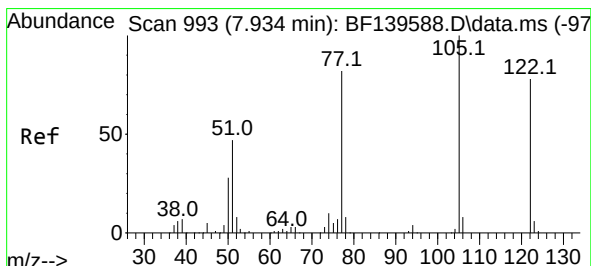
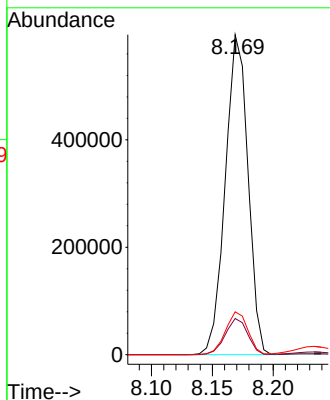
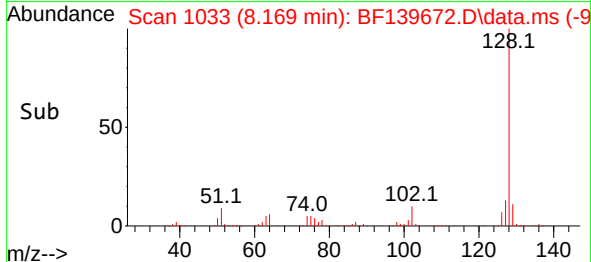
Instrument :
BNA_F
ClientSampleId :
TP4MSD



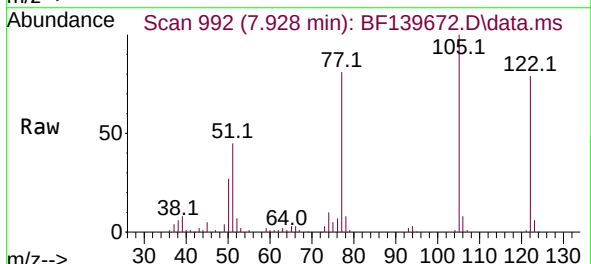
Tgt Ion:128 Resp: 77438
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.5 15.7

Manual Integrations
APPROVED

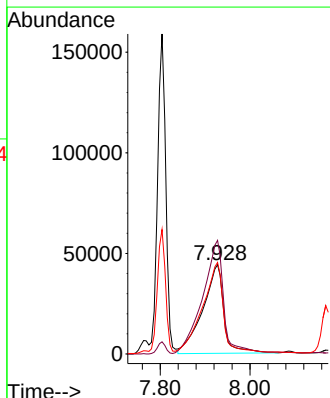
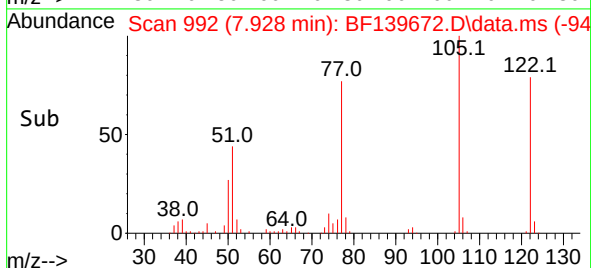
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

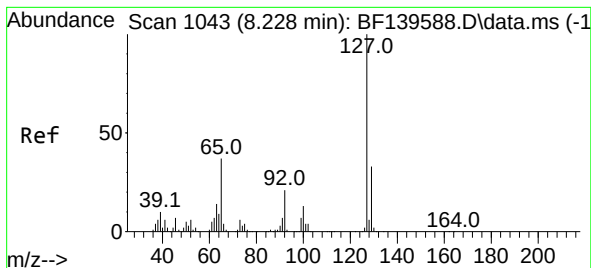


#32
Benzoic acid
Concen: 41.670 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:122 Resp: 143690
Ion Ratio Lower Upper
122 100
105 127.2 104.9 144.9
77 102.6 82.7 122.7





#33
4-Chloroaniline
Concen: 7.708 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

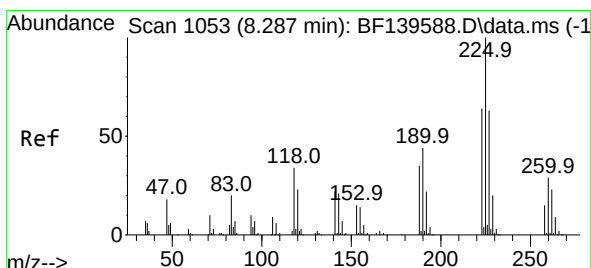
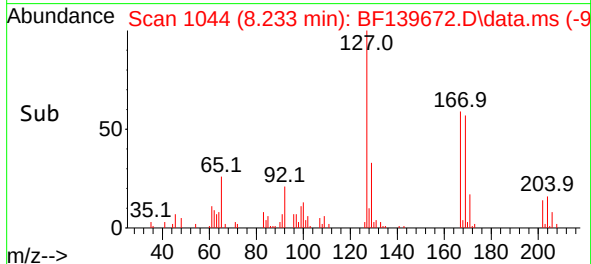
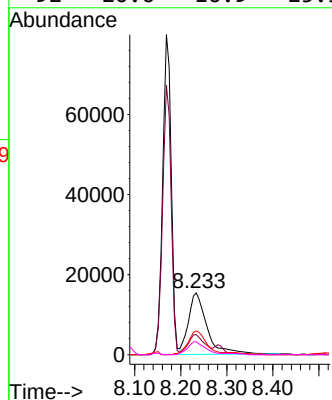
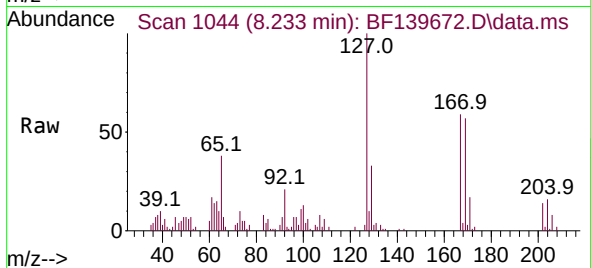
TP4MSD

Tgt Ion:127 Resp: 4298
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.4
65 38.4 29.3 43.9
92 20.6 16.9 25.3

Manual Integrations

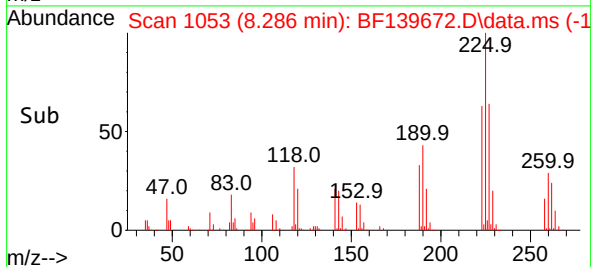
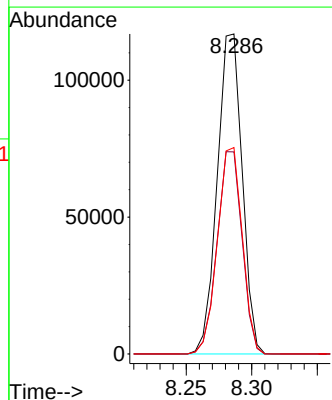
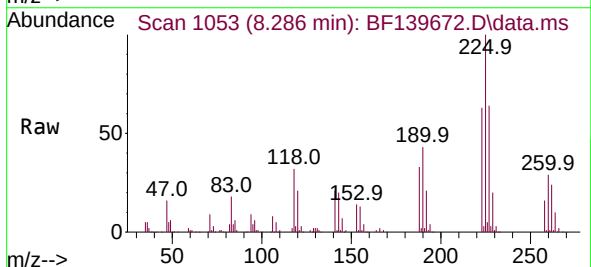
APPROVED

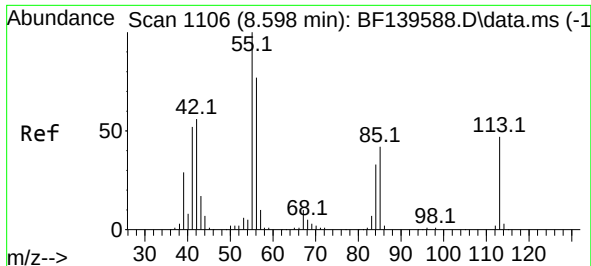
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 46.673 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

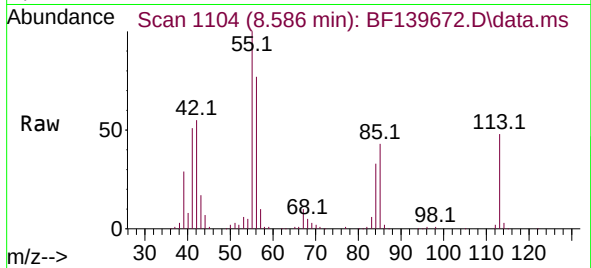
Tgt Ion:225 Resp: 154506
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 64.5 50.7 76.1





#35
Caprolactam
Concen: 46.056 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

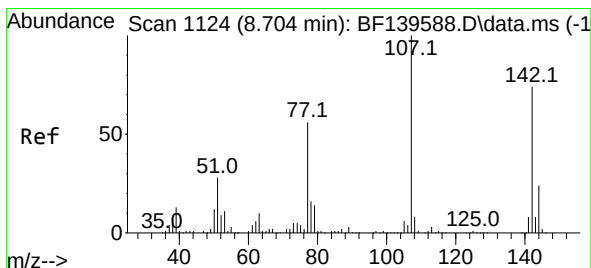
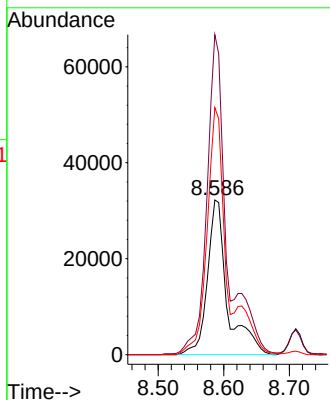
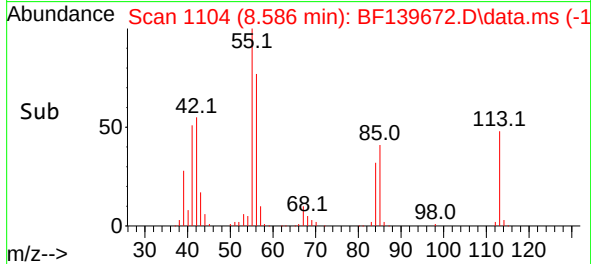
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:113 Resp: 68329
Ion Ratio Lower Upper
113 100
55 206.7 193.4 233.4
56 159.6 143.8 183.8

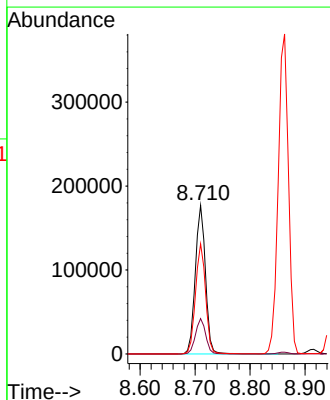
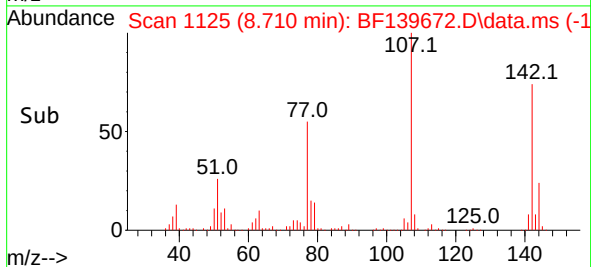
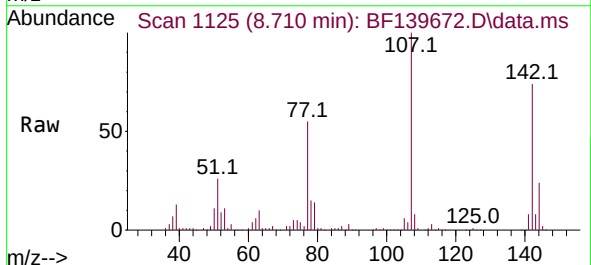
Manual Integrations
APPROVED

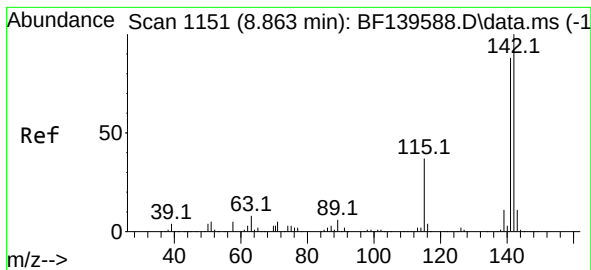
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#36
4-Chloro-3-methylphenol
Concen: 44.462 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:107 Resp: 227660
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 74.1 59.2 88.8





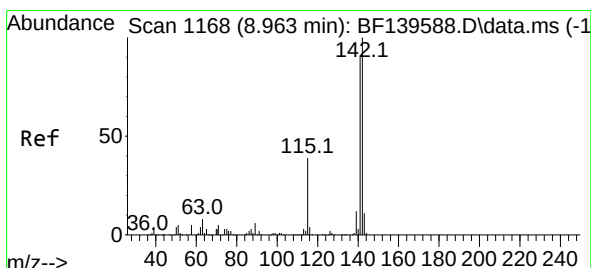
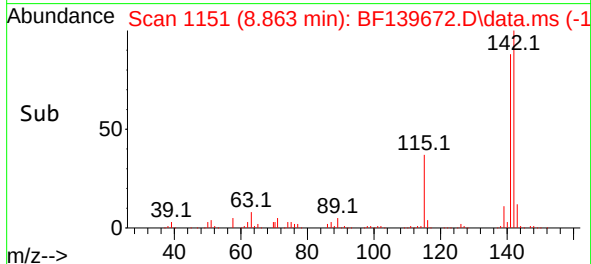
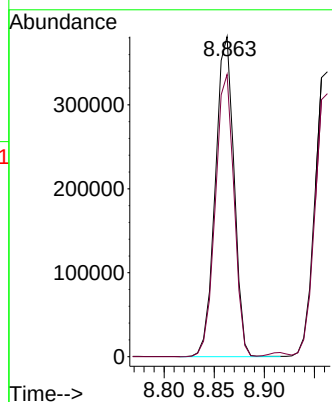
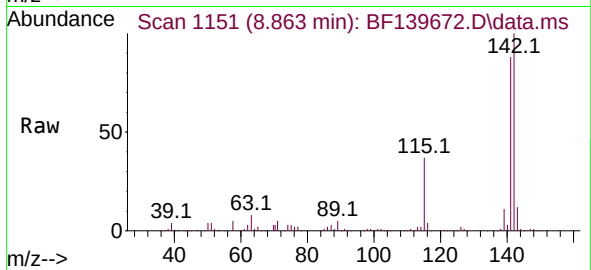
#37
2-Methylnaphthalene
Concen: 46.068 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:142 Resp: 494240
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6

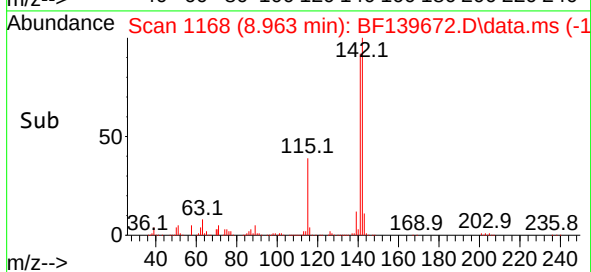
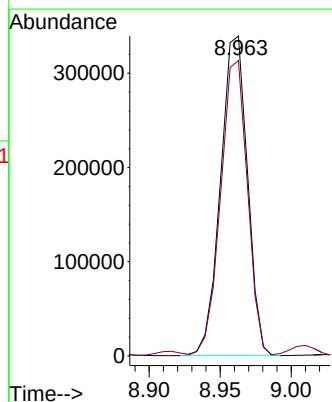
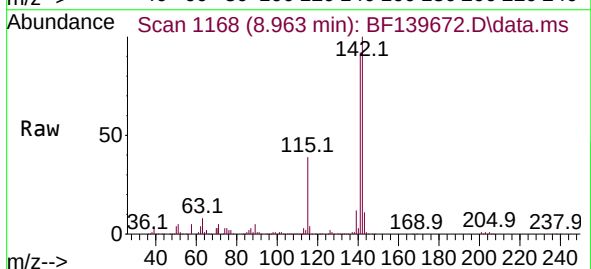
Manual Integrations
APPROVED

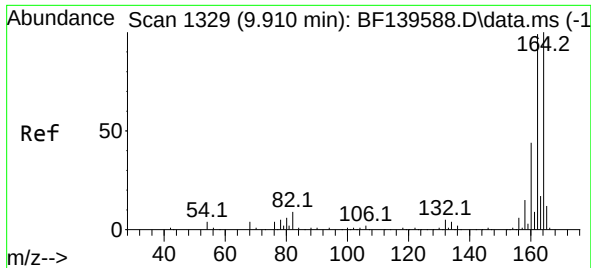
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 42.692 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

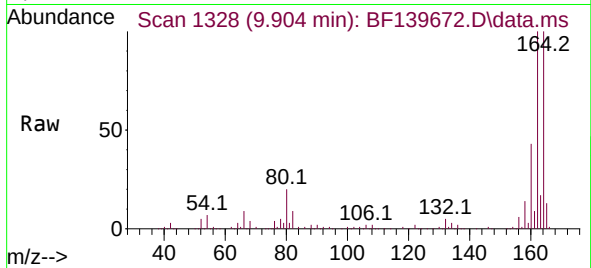
Tgt Ion:142 Resp: 447710
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

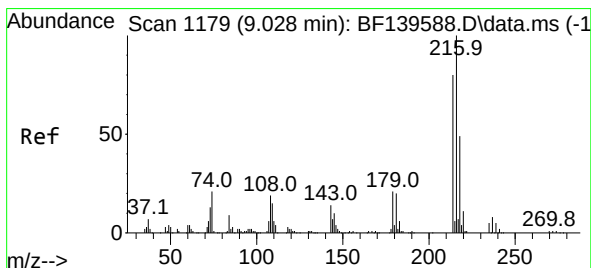
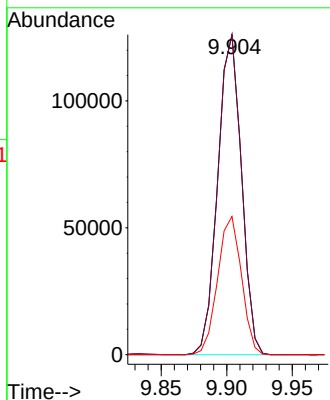
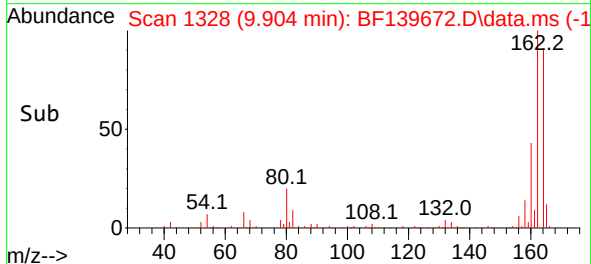
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:164 Resp: 158285
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 43.2 35.1 52.7

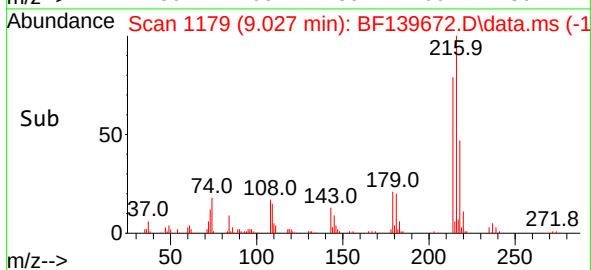
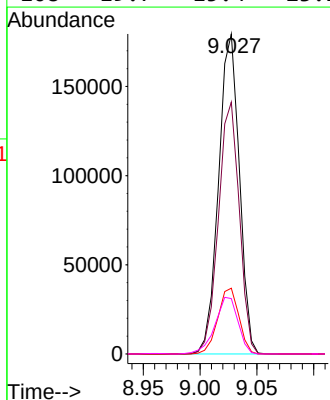
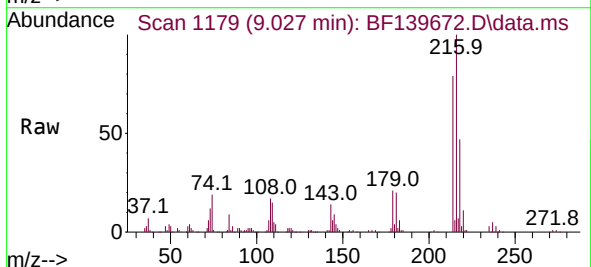
Manual Integrations
APPROVED

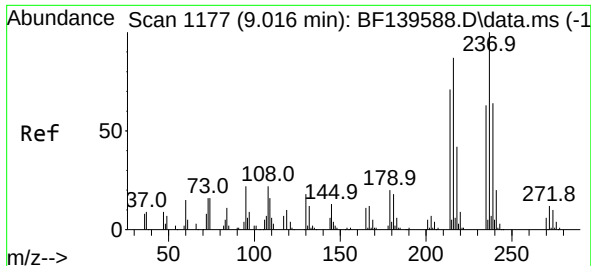
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.881 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

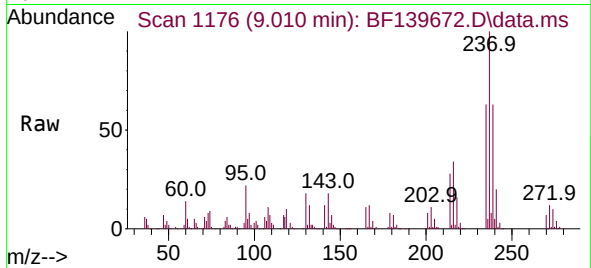
Tgt Ion:216 Resp: 228034
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.9 16.9 25.3
108 19.7 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 90.387 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

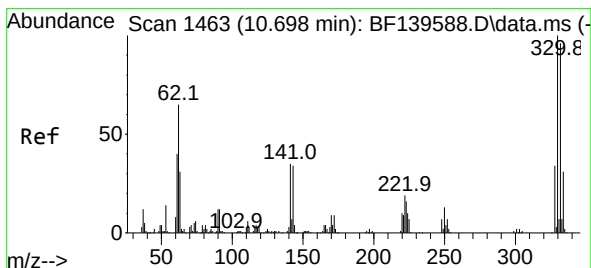
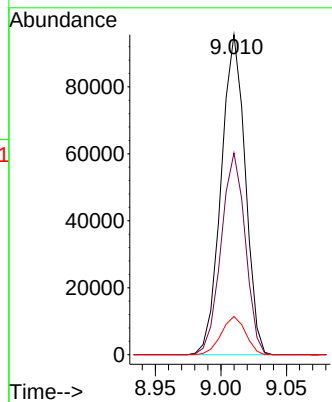
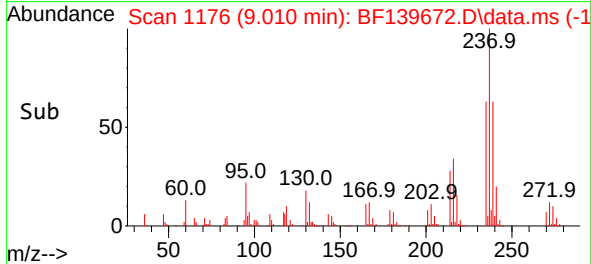
Instrument :
BNA_F
ClientSampleId :
TP4MSD



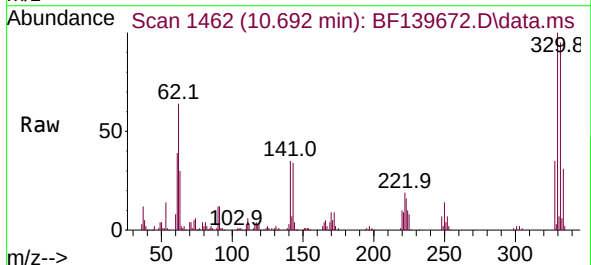
Tgt Ion:237 Resp: 12181
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 12.0 0.0 32.1

Manual Integrations
APPROVED

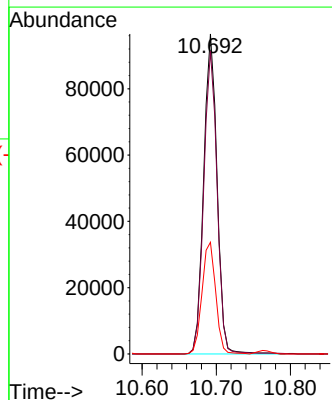
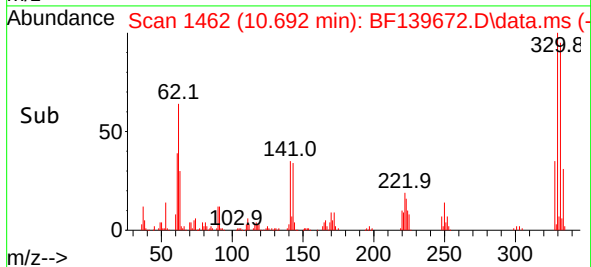
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

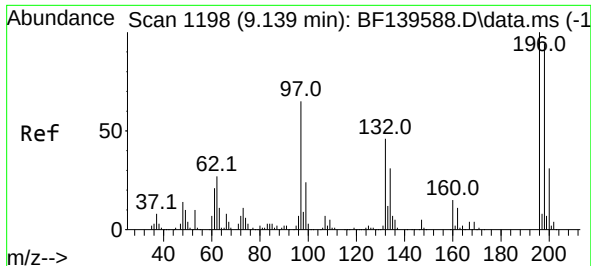


#42
2,4,6-Tribromophenol
Concen: 79.081 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



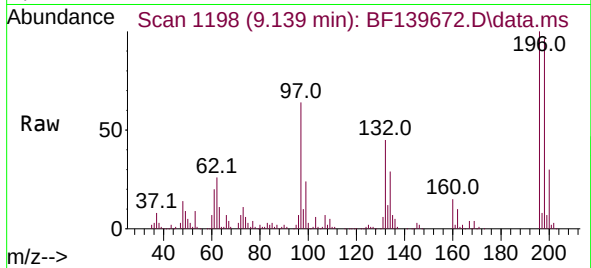
Tgt Ion:330 Resp: 120835
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 35.8 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.106 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

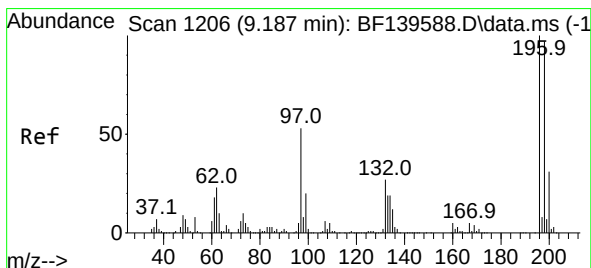
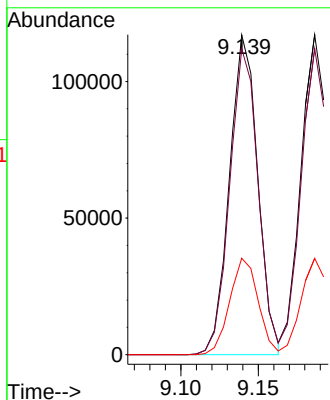
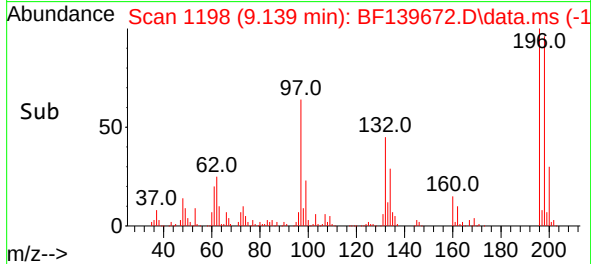
Instrument :
BNA_F
ClientSampleId :
TP4MSD



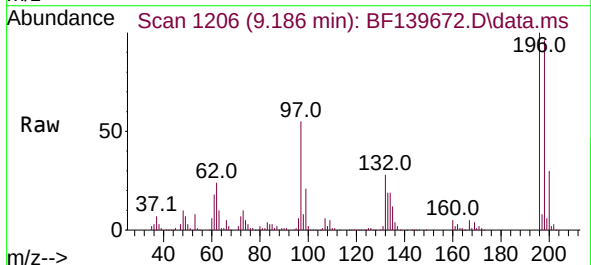
Tgt Ion:196 Resp: 148460
Ion Ratio Lower Upper
196 100
198 95.6 75.2 112.8
200 30.2 24.6 37.0

Manual Integrations
APPROVED

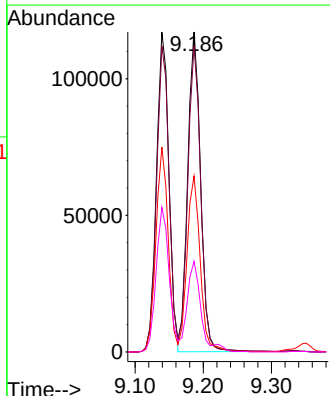
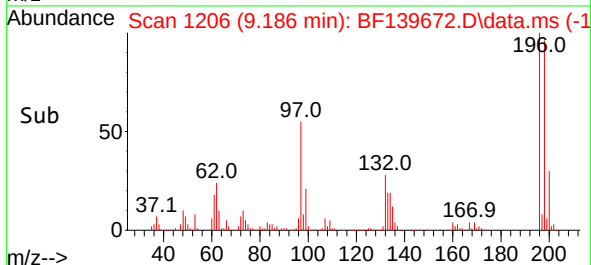
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

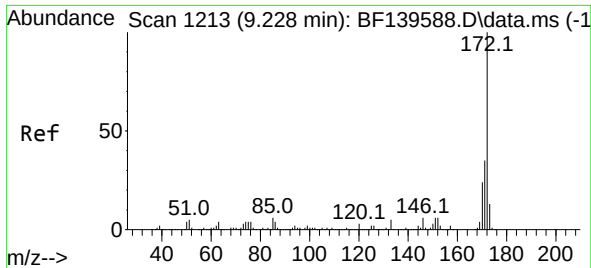


#44
2,4,5-Trichlorophenol
Concen: 47.758 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



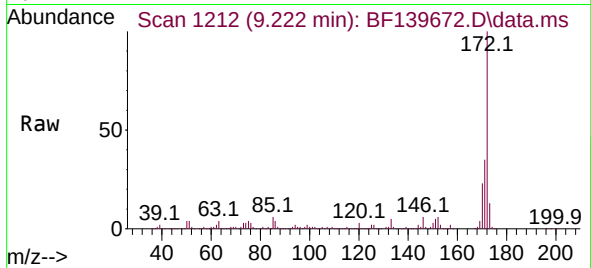
Tgt Ion:196 Resp: 152605
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
97 55.0 43.1 64.7
132 28.3 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 67.040 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

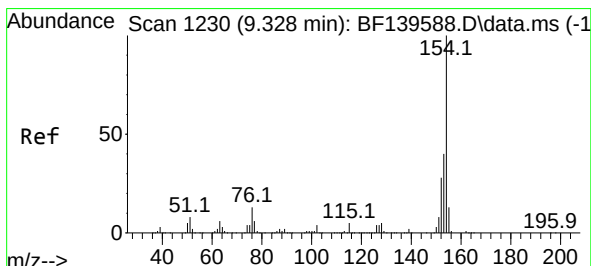
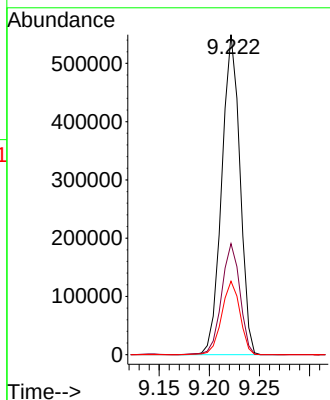
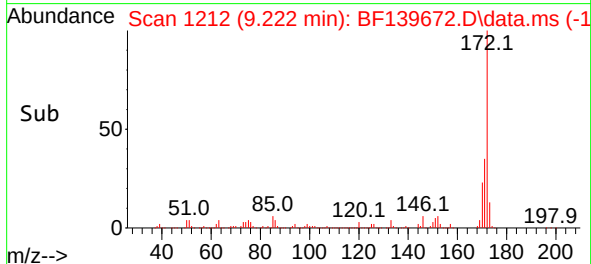
Instrument :
BNA_F
ClientSampleId :
TP4MSD



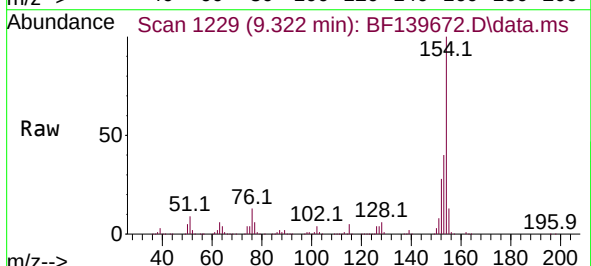
Tgt Ion:172 Resp: 691214
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.9 18.8 28.2

Manual Integrations
APPROVED

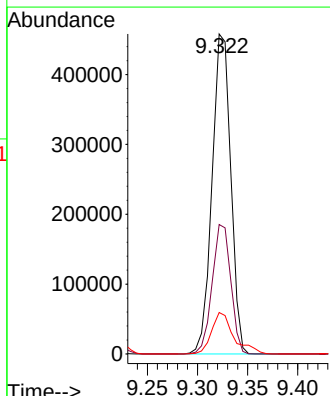
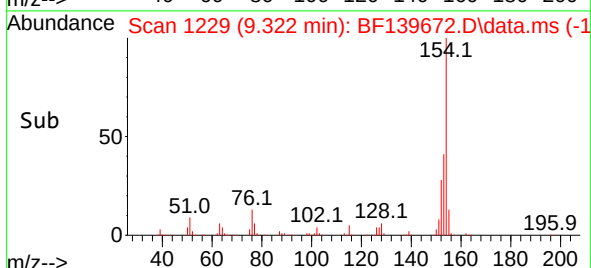
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

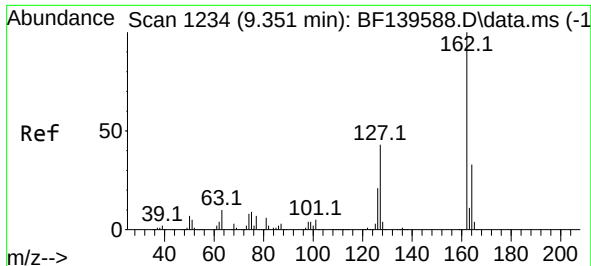


#46
1,1'-Biphenyl
Concen: 50.459 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



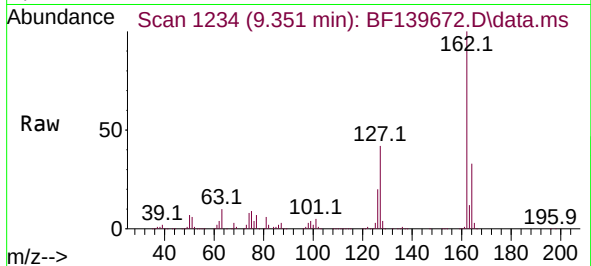
Tgt Ion:154 Resp: 594045
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 13.0 0.0 32.6





#47
2-Chloronaphthalene
Concen: 49.474 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

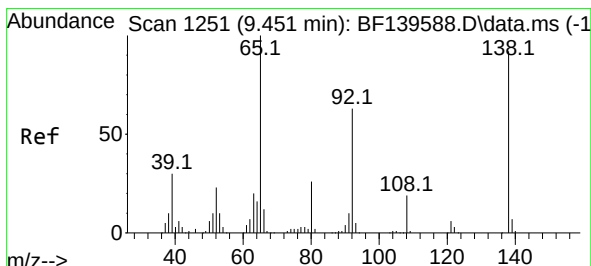
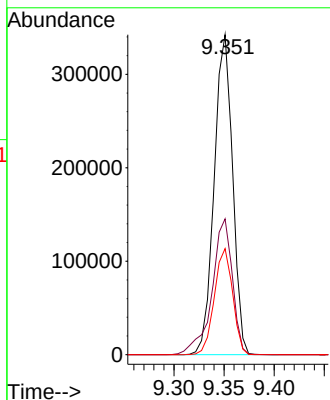
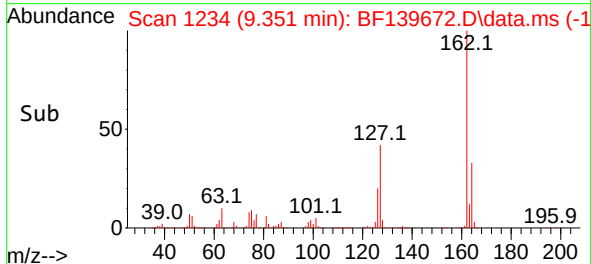
Instrument :
BNA_F
ClientSampleId :
TP4MSD



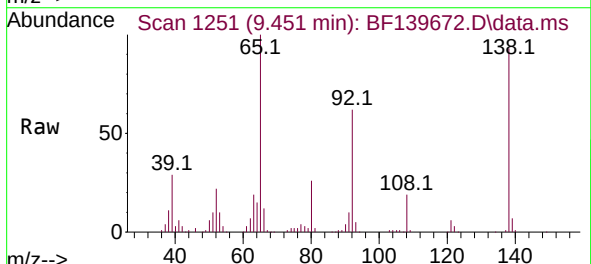
Tgt Ion:162 Resp: 436644
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 33.1 26.1 39.1

Manual Integrations
APPROVED

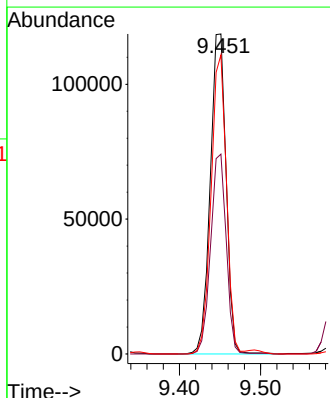
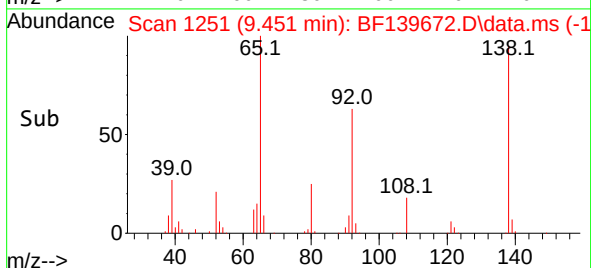
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

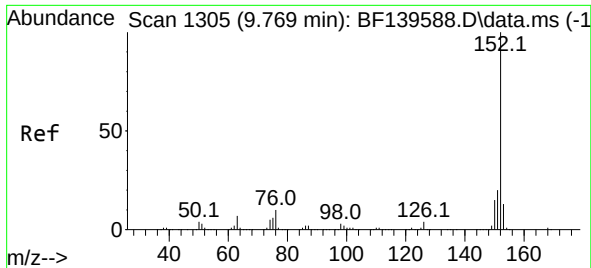


#48
2-Nitroaniline
Concen: 50.742 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion: 65 Resp: 160758
Ion Ratio Lower Upper
65 100
92 62.4 50.0 75.0
138 93.5 73.8 110.8





#49

Acenaphthylene

Concen: 51.420 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

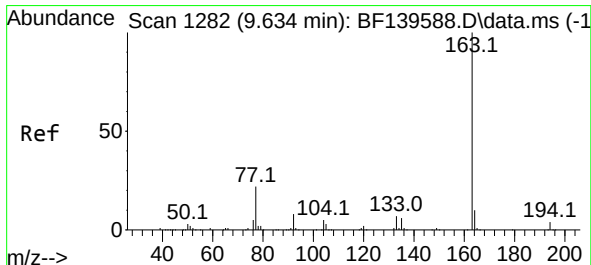
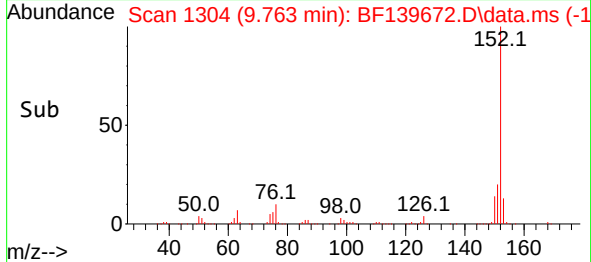
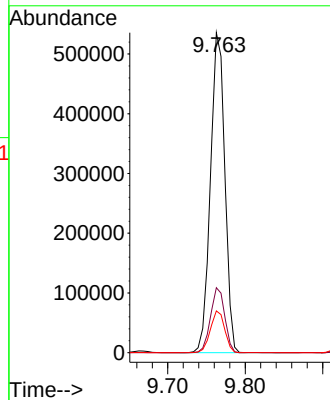
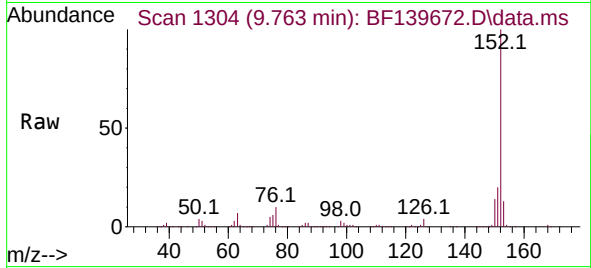
Tgt Ion:	152	Resp:	69015
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.0	24.0
153	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#50

Dimethylphthalate

Concen: 51.337 ng

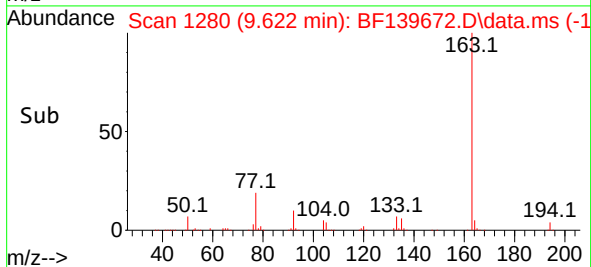
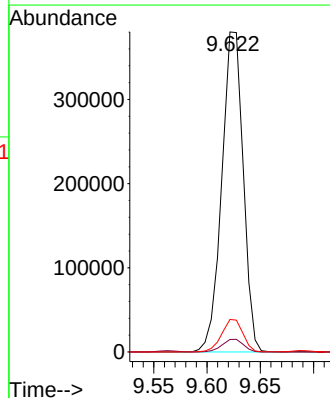
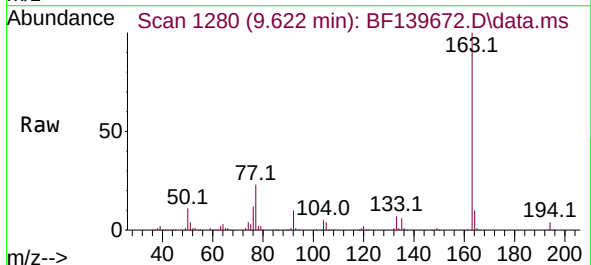
RT: 9.622 min Scan# 1280

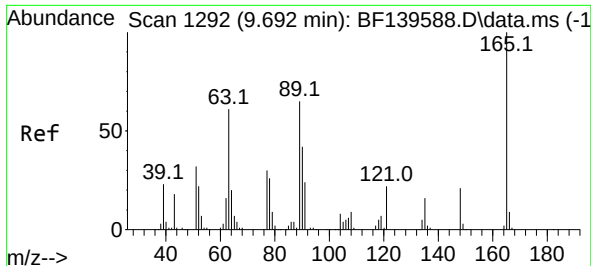
Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:	163	Resp:	531930
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	10.2	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 46.815 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

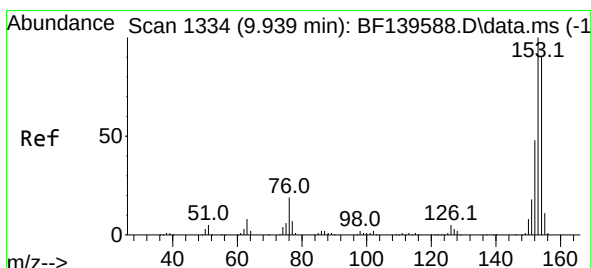
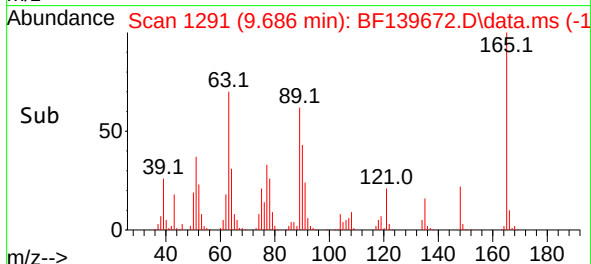
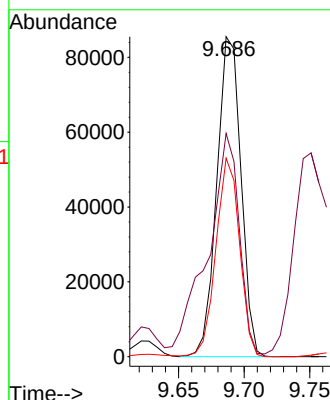
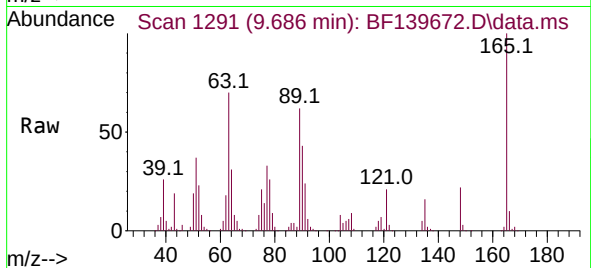
Tgt Ion:165 Resp: 109570
 Ion Ratio Lower Upper
 165 100
 63 69.7 56.7 85.1
 89 62.0 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#52

Acenaphthene

Concen: 48.853 ng

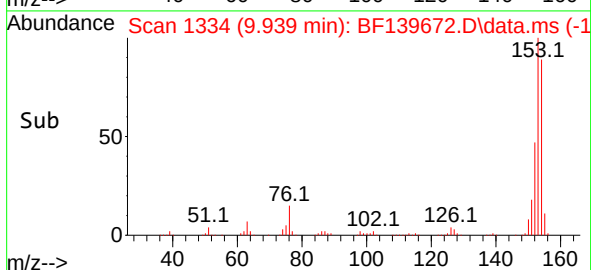
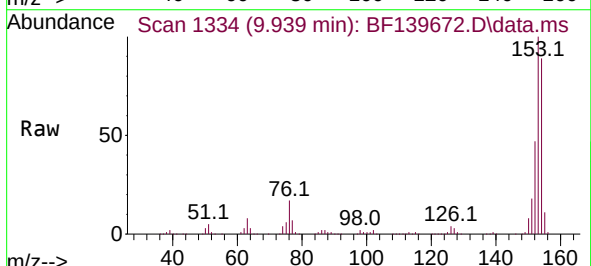
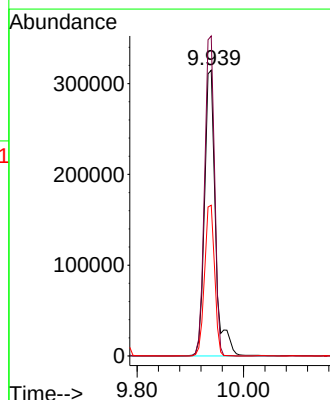
RT: 9.939 min Scan# 1334

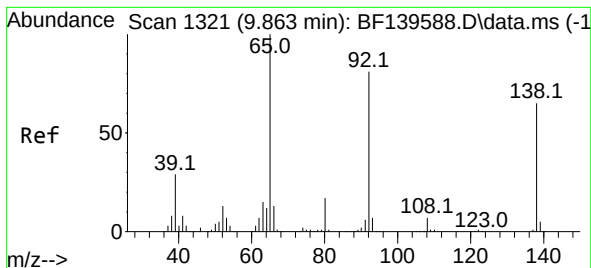
Delta R.T. -0.000 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:154 Resp: 450140
 Ion Ratio Lower Upper
 154 100
 153 112.0 88.8 133.2
 152 52.7 42.5 63.7





#53

3-Nitroaniline

Concen: 29.918 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:138 Resp: 71560

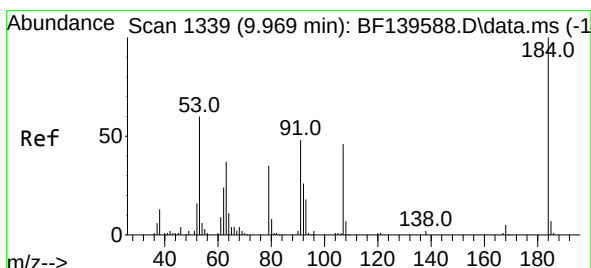
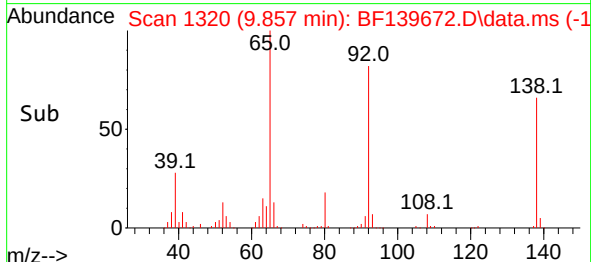
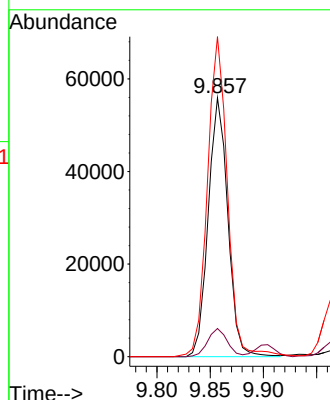
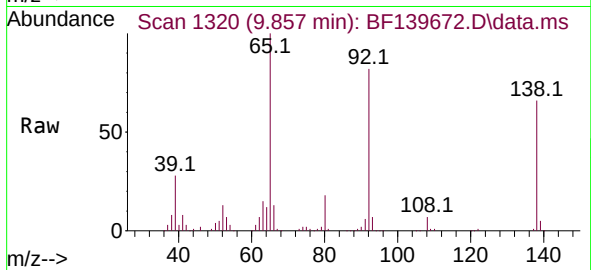
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	123.6	100.0	150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#54

2,4-Dinitrophenol

Concen: 48.370 ng

RT: 9.969 min Scan# 1339

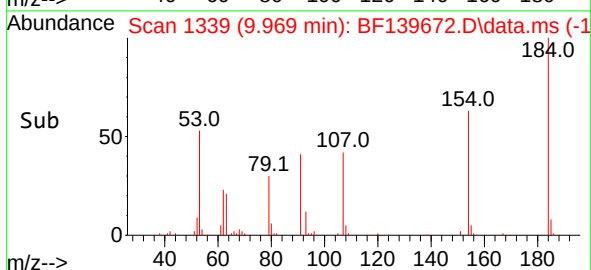
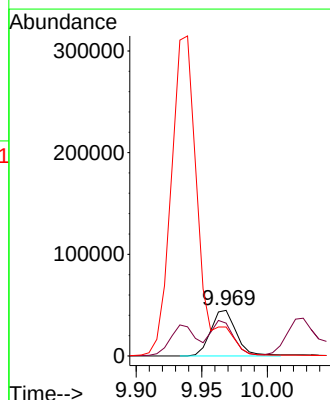
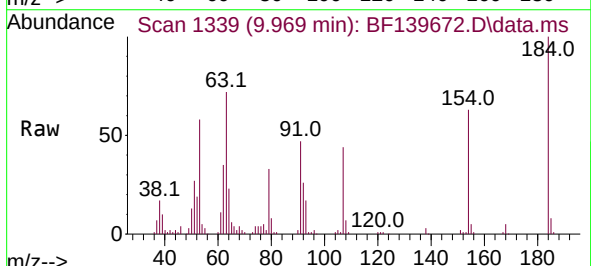
Delta R.T. -0.000 min

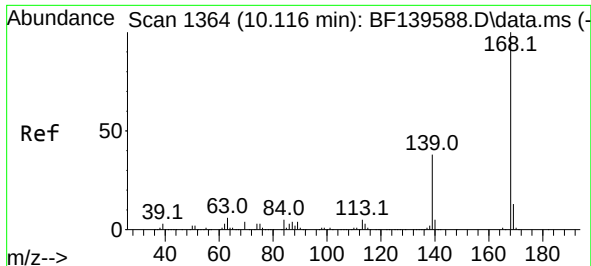
Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:184 Resp: 60894

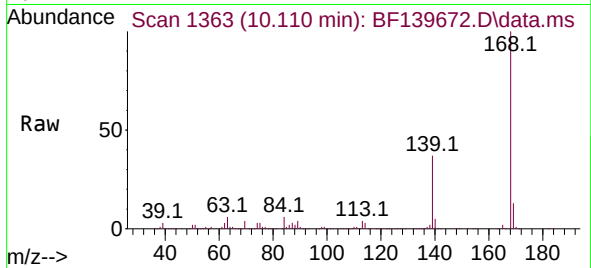
Ion	Ratio	Lower	Upper
184	100		
63	71.9	61.7	92.5
154	63.4	53.0	79.4





#55
Dibenzofuran
Concen: 47.784 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

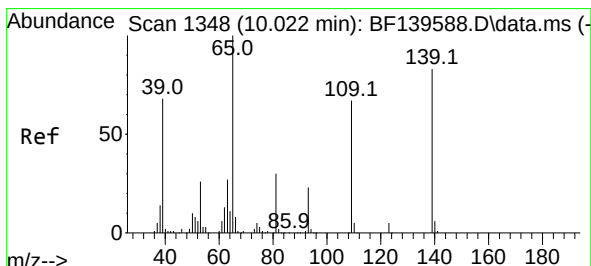
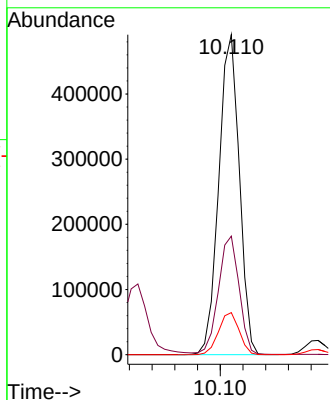
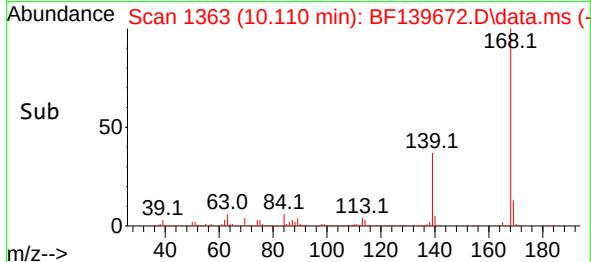
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:168 Resp: 616462
Ion Ratio Lower Upper
168 100
139 37.0 30.4 45.6
169 13.2 10.7 16.1

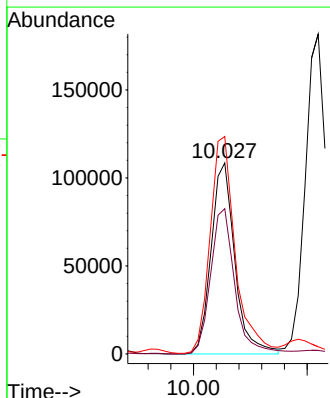
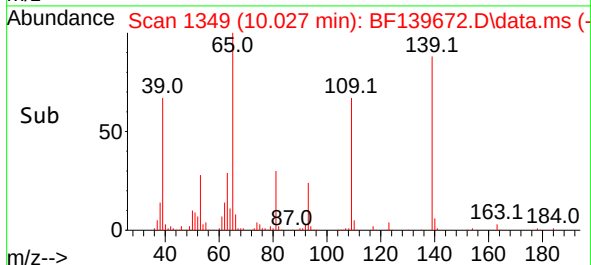
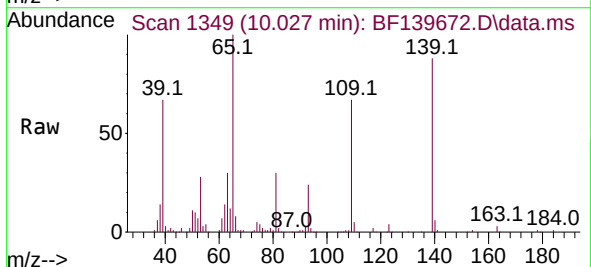
Manual Integrations
APPROVED

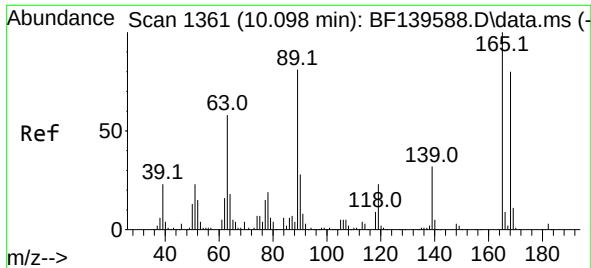
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#56
4-Nitrophenol
Concen: 86.496 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

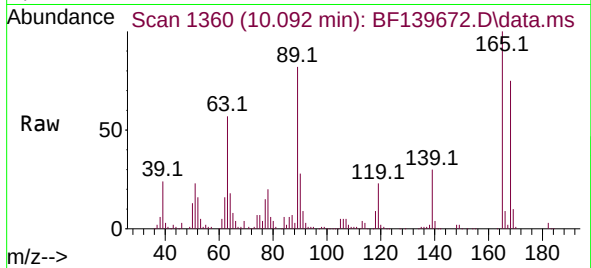
Tgt Ion:139 Resp: 157772
Ion Ratio Lower Upper
139 100
109 76.0 60.3 100.3
65 113.9 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 44.717 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

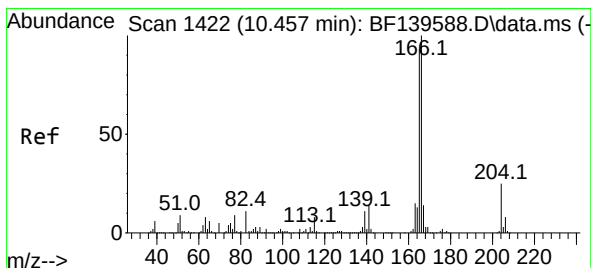
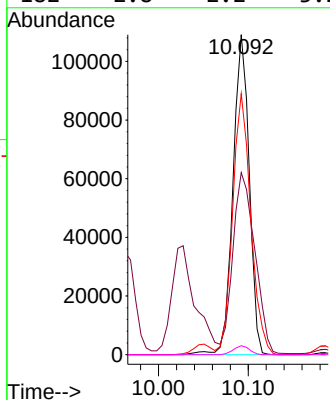
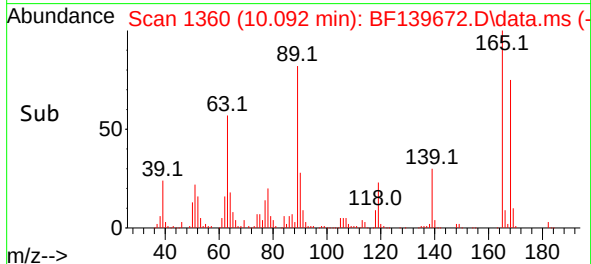
Instrument :
BNA_F
ClientSampleId :
TP4MSD



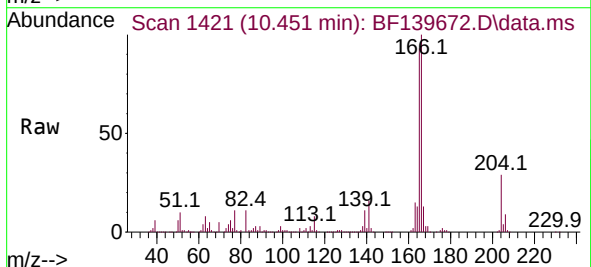
Tgt Ion:165 Resp: 136810
Ion Ratio Lower Upper
165 100
63 56.9 46.9 70.3
89 81.5 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations
APPROVED

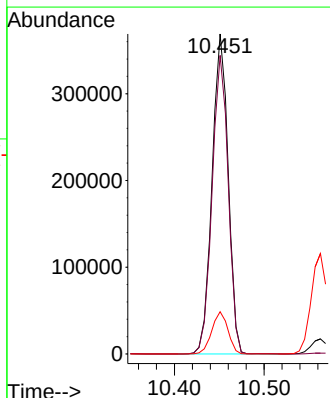
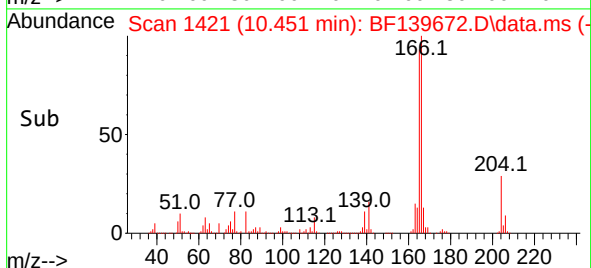
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

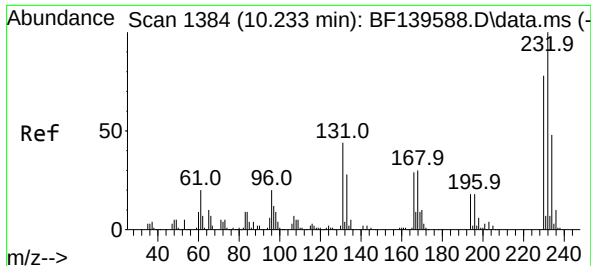


#58
Fluorene
Concen: 44.640 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



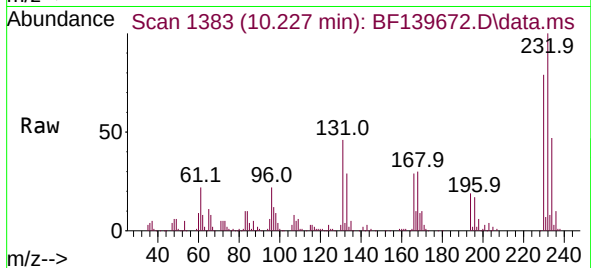
Tgt Ion:166 Resp: 458697
Ion Ratio Lower Upper
166 100
165 93.3 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.997 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

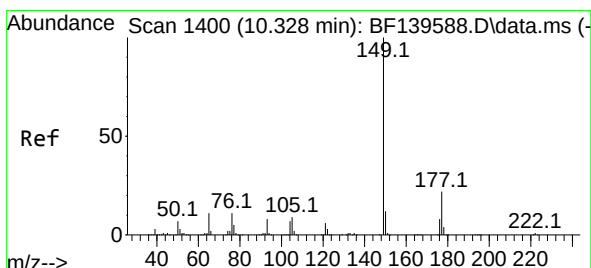
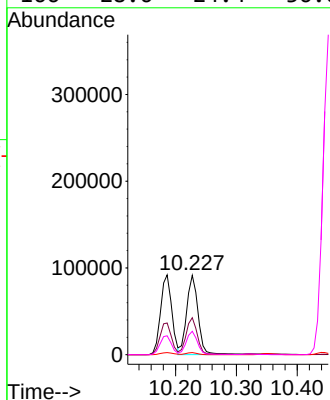
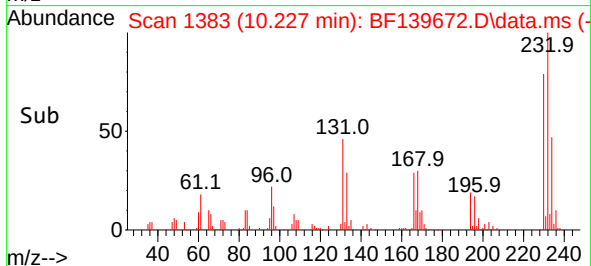
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:232 Resp: 118712
Ion Ratio Lower Upper
232 100
131 44.8 37.8 56.6
130 2.5 1.9 2.9
166 28.6 24.4 36.6

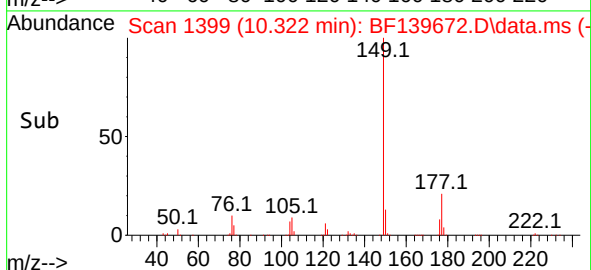
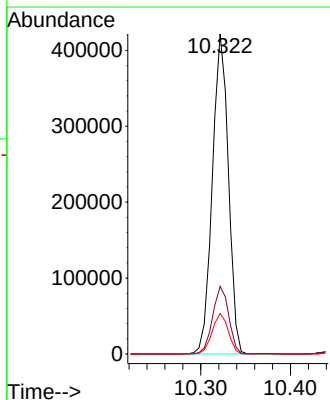
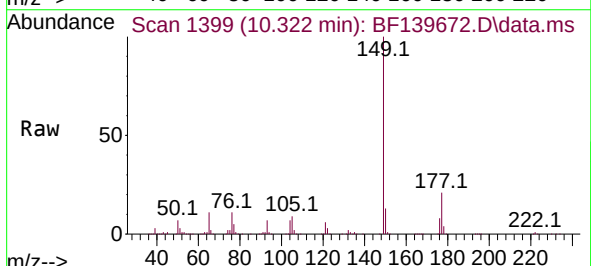
Manual Integrations
APPROVED

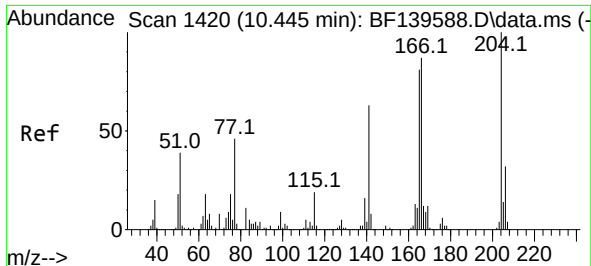
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#60
Diethylphthalate
Concen: 48.816 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

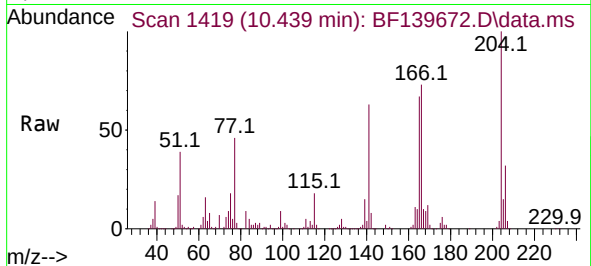
Tgt Ion:149 Resp: 522440
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.212 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

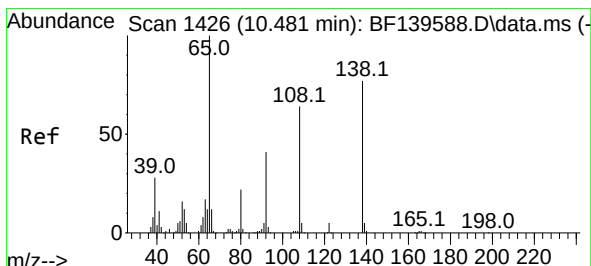
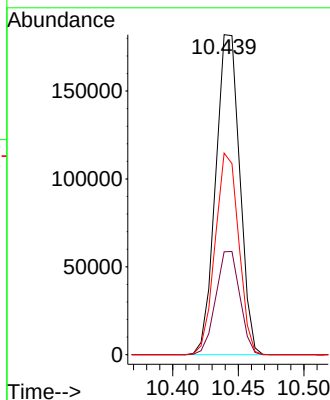
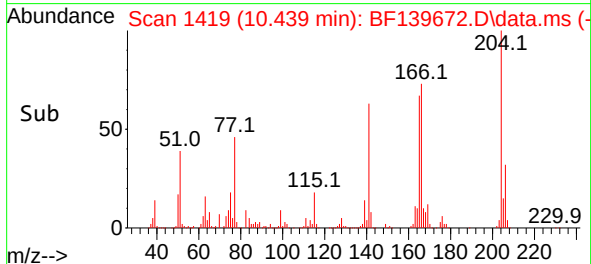
Instrument :
BNA_F
ClientSampleId :
TP4MSD



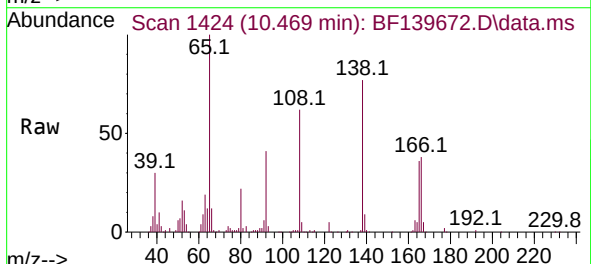
Tgt Ion:204 Resp: 232419
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 63.0 50.5 75.7

Manual Integrations
APPROVED

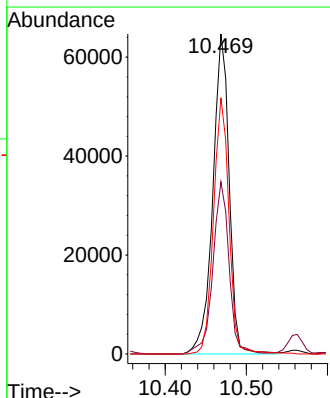
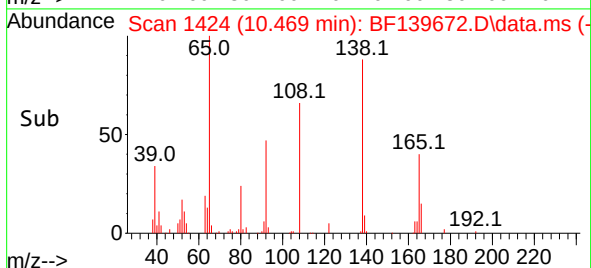
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

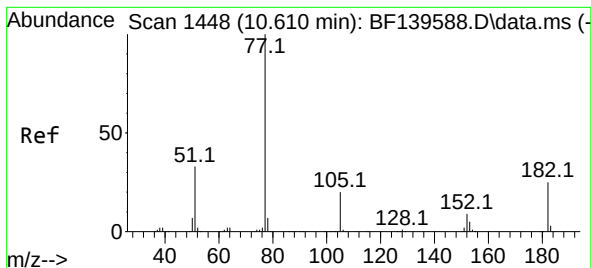


#62
4-Nitroaniline
Concen: 37.066 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:138 Resp: 90688
Ion Ratio Lower Upper
138 100
92 53.8 33.3 73.3
108 80.0 62.1 102.1





#63

Azobenzene

Concen: 46.438 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 77 Resp: 499809

Ion Ratio Lower Upper

77 100

182 24.8 4.2 44.2

105 21.0 0.0 39.6

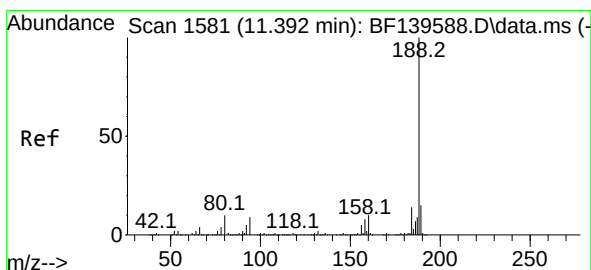
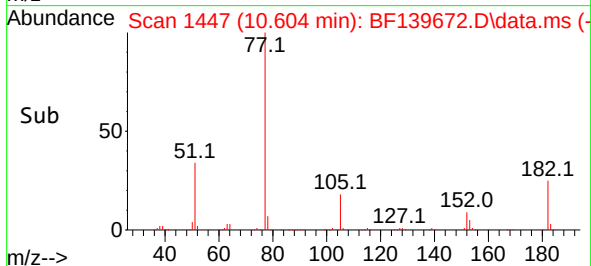
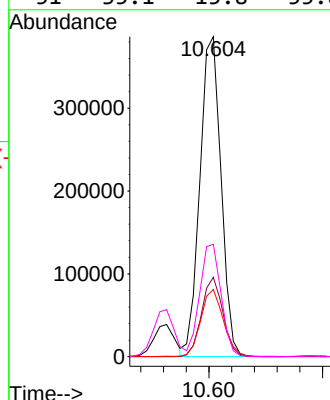
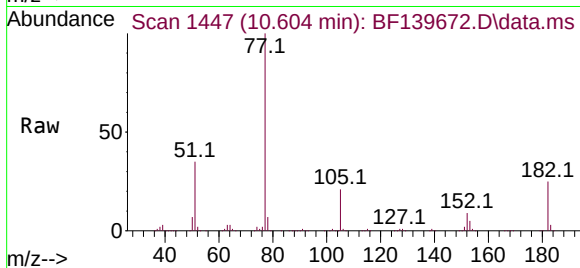
51 35.1 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

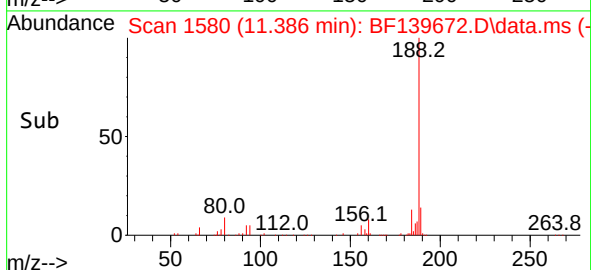
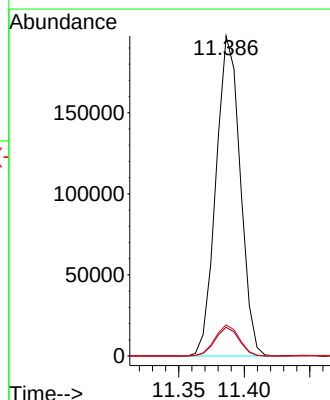
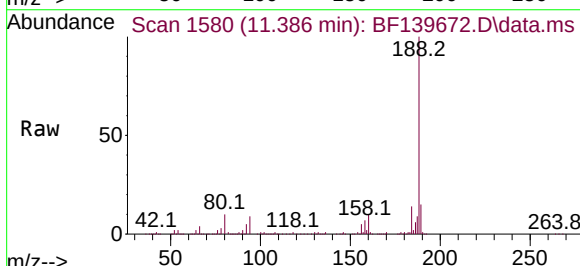
Tgt Ion:188 Resp: 253109

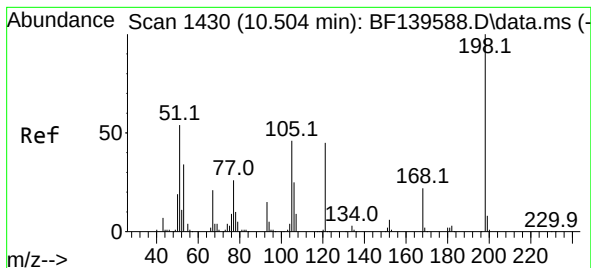
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.7 8.2 12.2





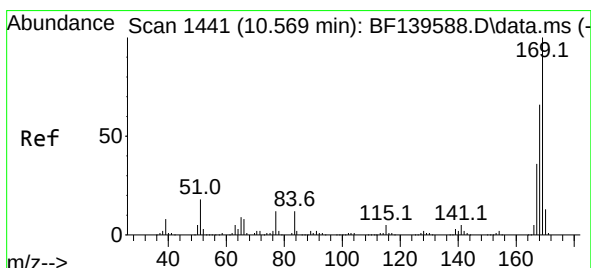
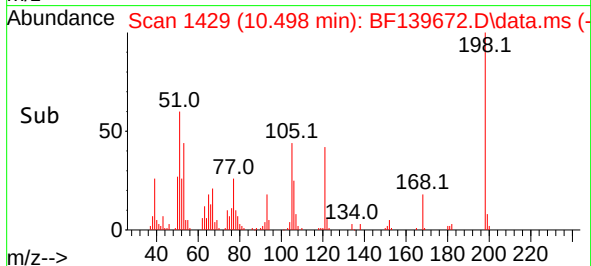
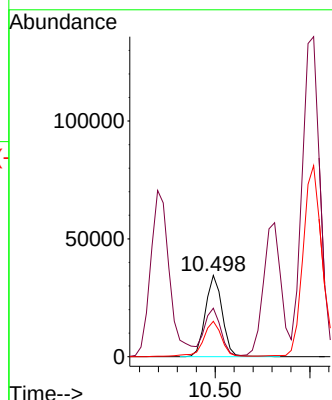
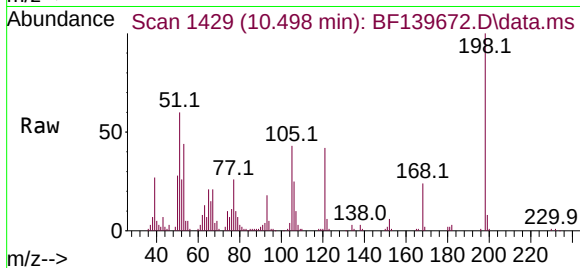
#65
4,6-Dinitro-2-methylphenol
Concen: 29.638 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:198 Resp: 42368
Ion Ratio Lower Upper
198 100
51 59.7 43.0 83.0
105 43.5 26.6 66.6

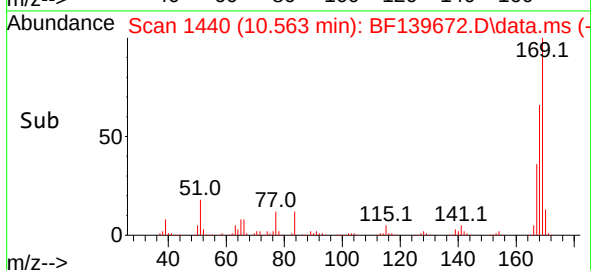
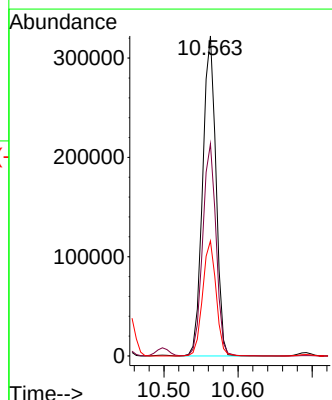
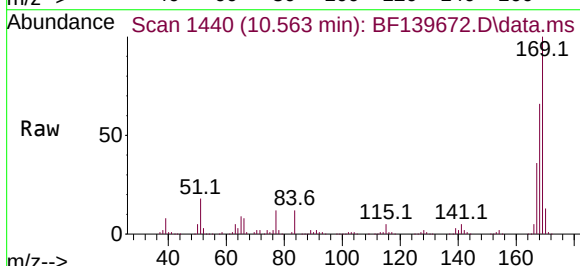
Manual Integrations
APPROVED

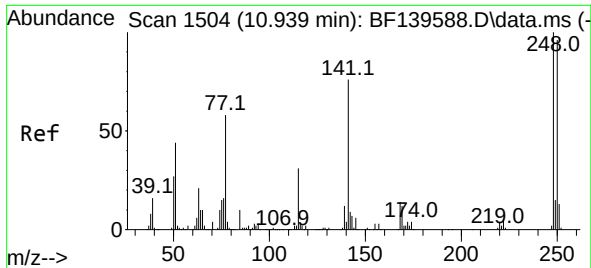
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 53.771 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

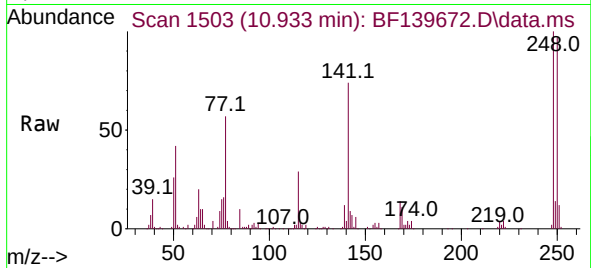
Tgt Ion:169 Resp: 401170
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 51.088 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

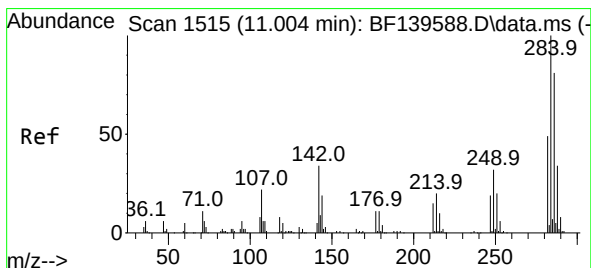
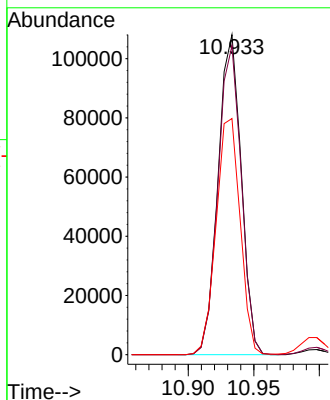
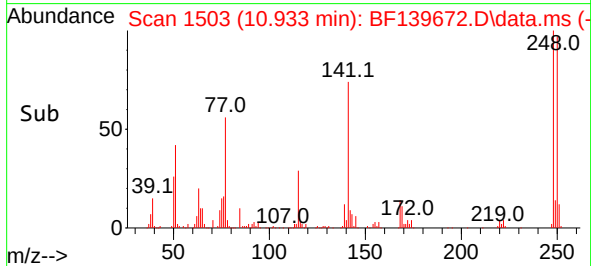
Instrument :
BNA_F
ClientSampleId :
TP4MSD



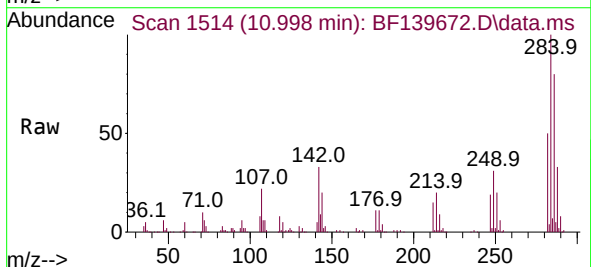
Tgt Ion:248 Resp: 132580
Ion Ratio Lower Upper
248 100
250 96.6 77.1 115.7
141 73.8 60.4 90.6

Manual Integrations
APPROVED

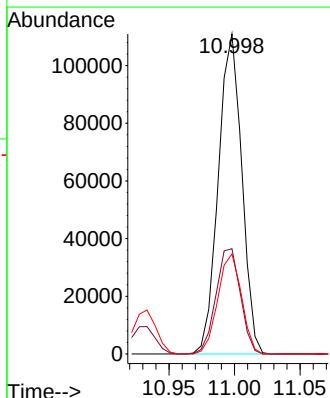
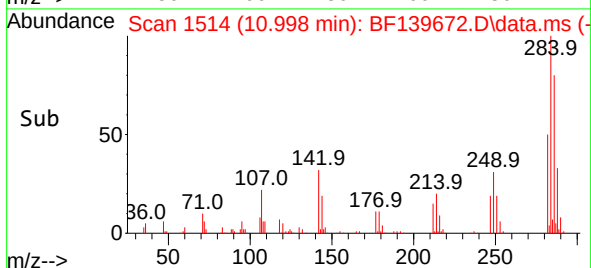
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

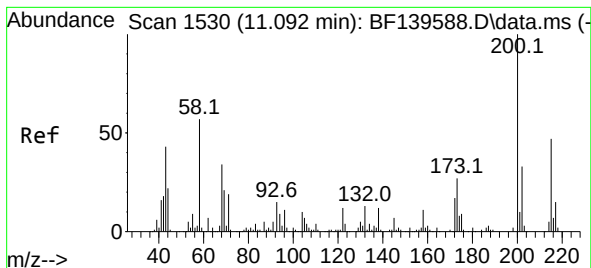


#68
Hexachlorobenzene
Concen: 47.899 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:284 Resp: 137935
Ion Ratio Lower Upper
284 100
142 32.9 26.9 40.3
249 31.3 25.4 38.0





#69

Atrazine

Concen: 62.157 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:200 Resp: 12442

Ion Ratio Lower Upper

200 100

173 26.6 6.7 46.7

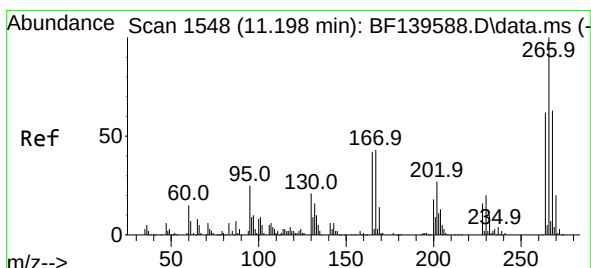
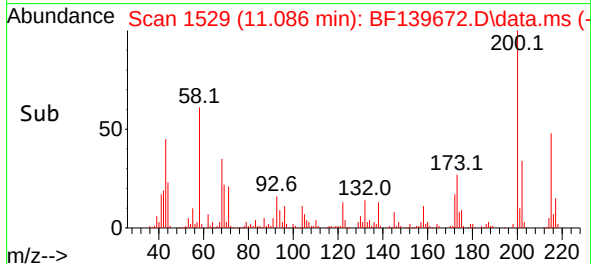
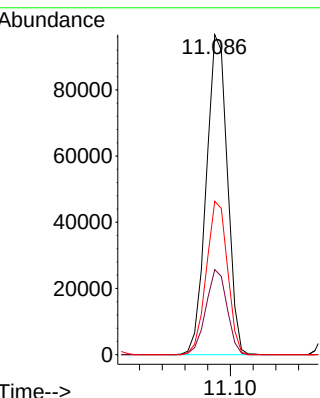
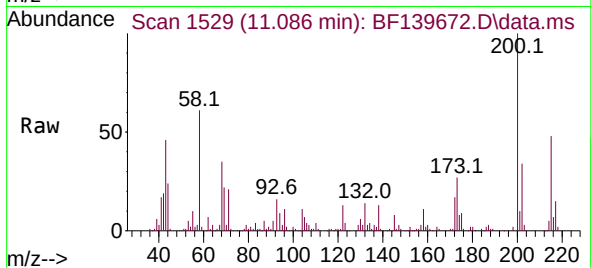
215 47.9 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#70

Pentachlorophenol

Concen: 87.493 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

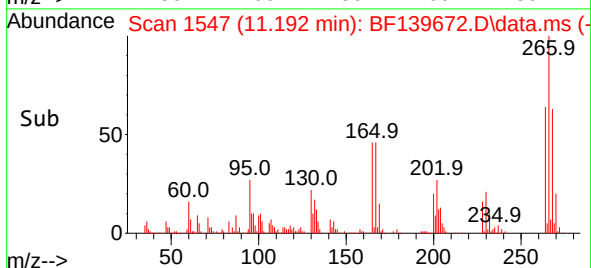
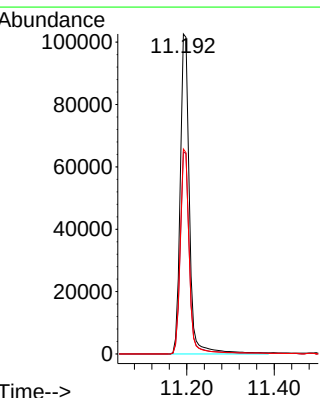
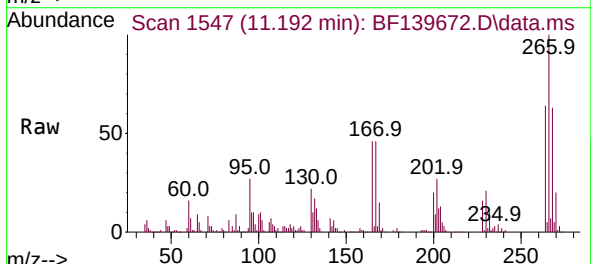
Tgt Ion:266 Resp: 150025

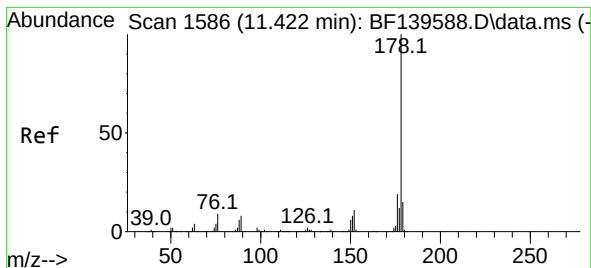
Ion Ratio Lower Upper

266 100

268 63.1 50.0 75.0

264 64.1 49.3 73.9





#71

Phenanthrene

Concen: 49.584 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

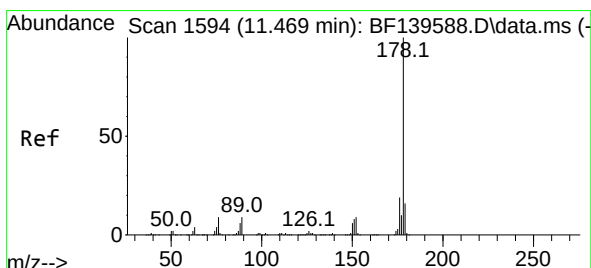
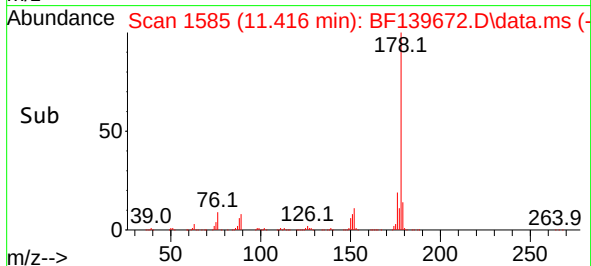
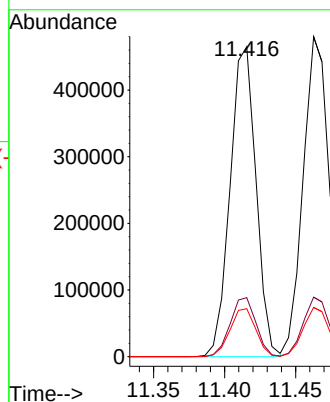
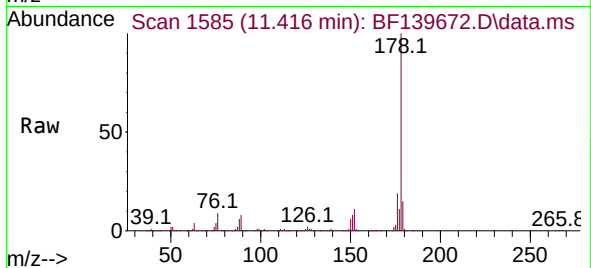
Tgt Ion:	178	Resp:	59174
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.5	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#72

Anthracene

Concen: 51.276 ng

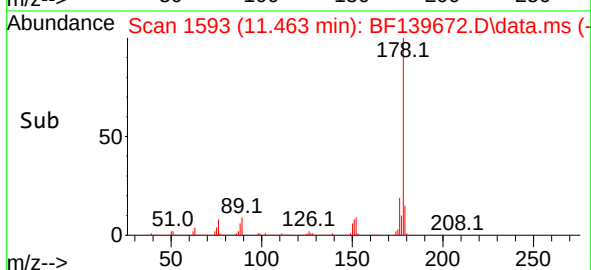
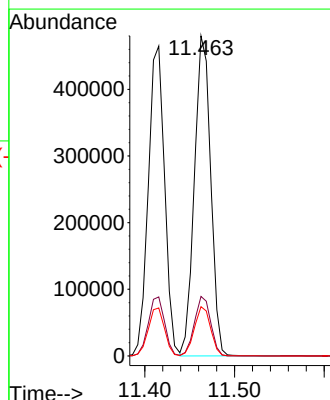
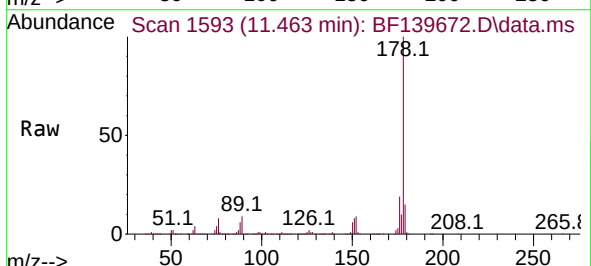
RT: 11.463 min Scan# 1593

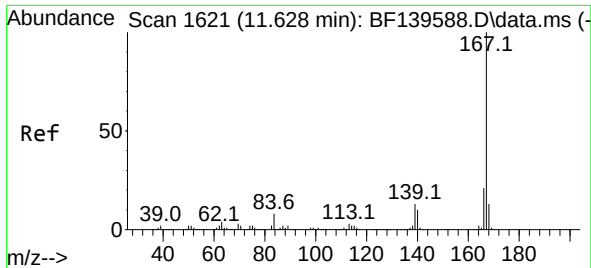
Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

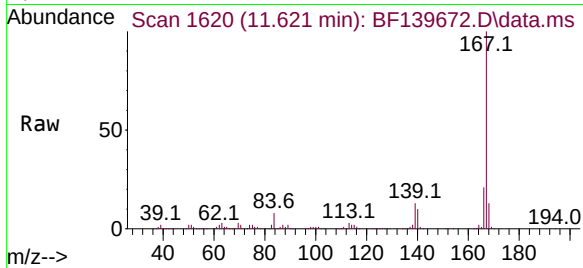
Tgt Ion:	178	Resp:	605397
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.1	22.7
179	15.4	12.5	18.7





#73
 Carbazole
 Concen: 49.023 ng
 RT: 11.621 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09

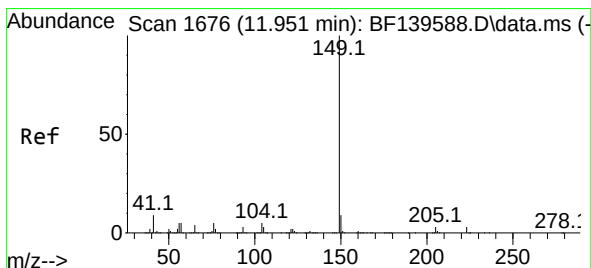
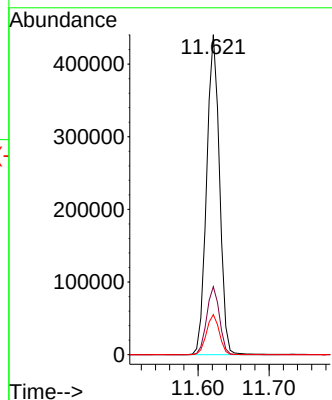
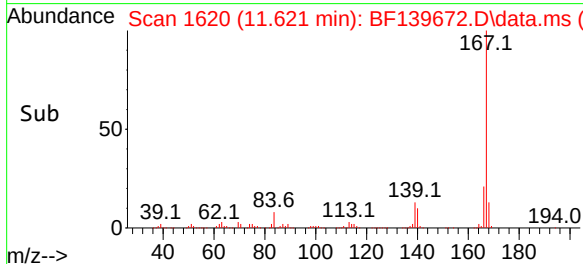
Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD



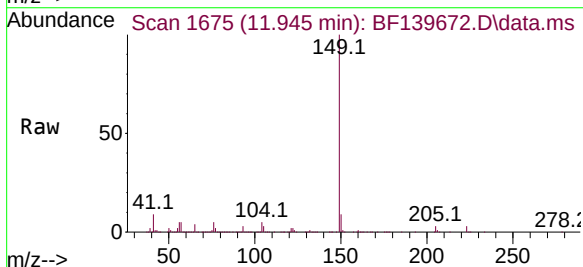
Tgt Ion:167 Resp: 555900
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.5 10.3 15.5

Manual Integrations
 APPROVED

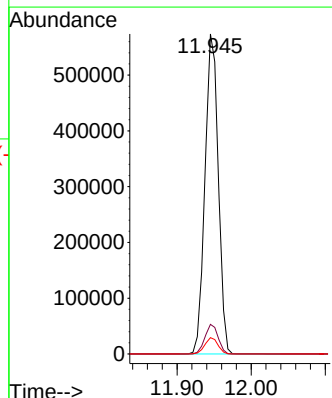
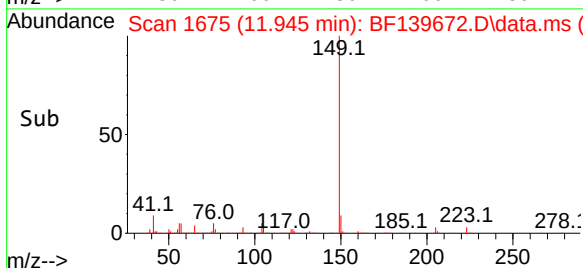
Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

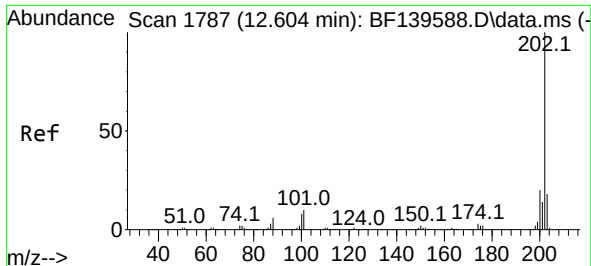


#74
 Di-n-butylphthalate
 Concen: 51.889 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.006 min
 Lab File: BF139672.D
 Acq: 04 Oct 2024 22:09



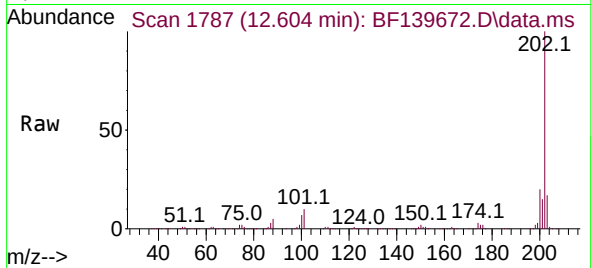
Tgt Ion:149 Resp: 715520
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 48.528 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

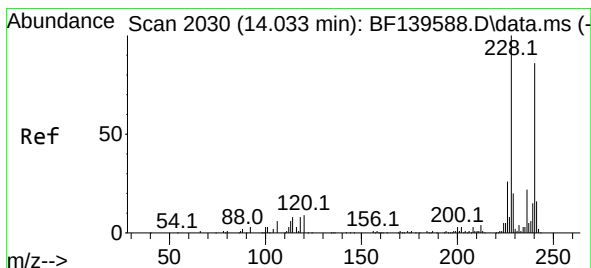
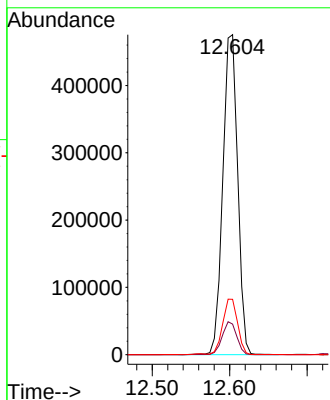
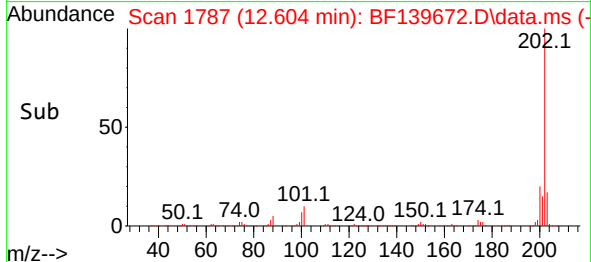
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:202 Resp: 633099
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 17.3 0.0 37.7

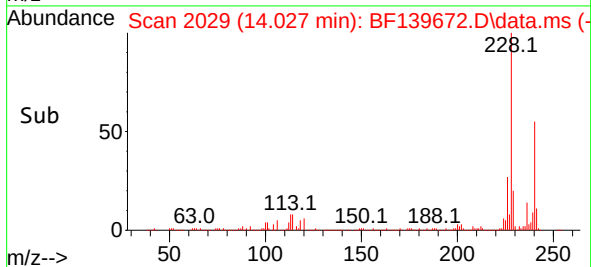
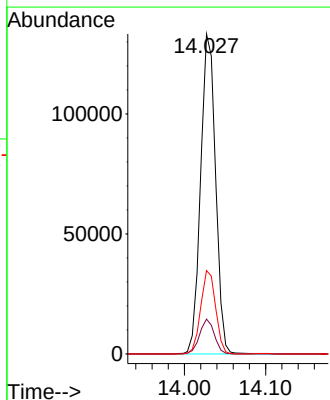
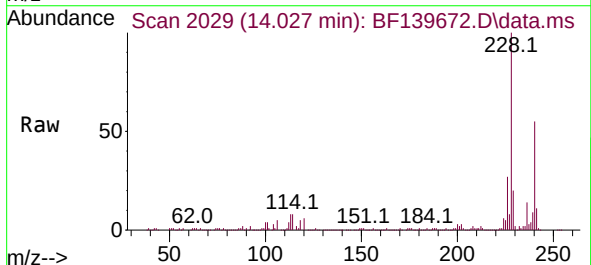
Manual Integrations
APPROVED

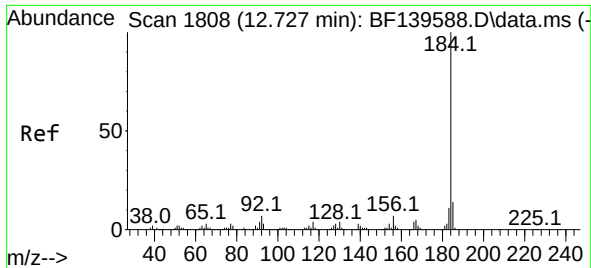
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

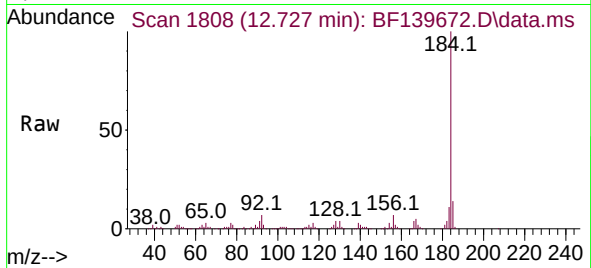
Tgt Ion:240 Resp: 170633
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.1 20.3 30.5





#77
Benzidine
Concen: 91.851 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

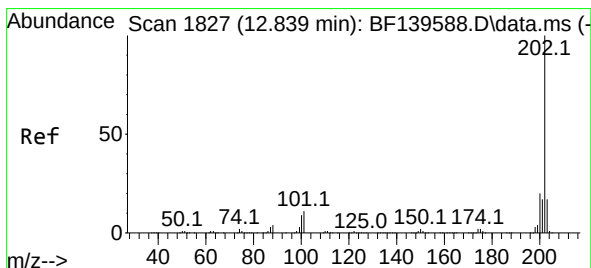
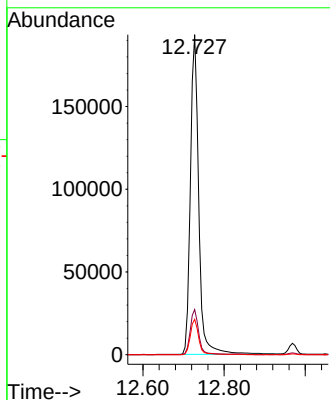
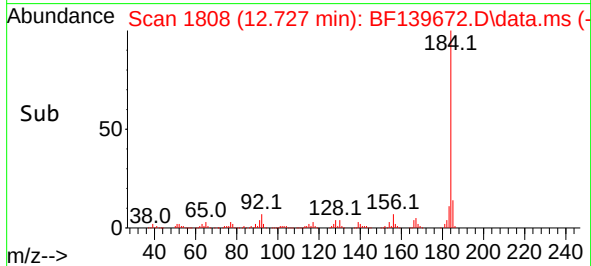
Instrument :
BNA_F
ClientSampleId :
TP4MSD



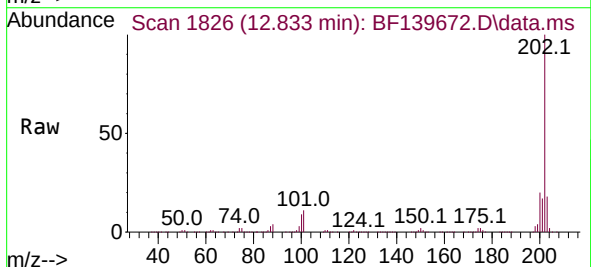
Tgt Ion:184 Resp: 276450
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.1 8.8 13.2

Manual Integrations
APPROVED

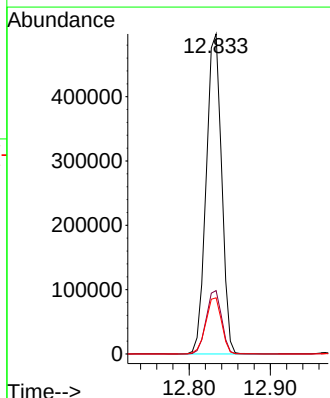
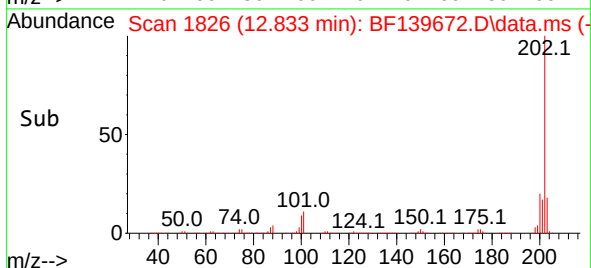
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

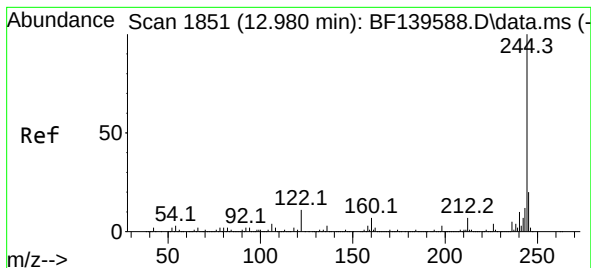


#78
Pyrene
Concen: 42.883 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:202 Resp: 654453
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.6 13.8 20.8





#79

Terphenyl-d14

Concen: 57.340 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:244 Resp: 59628

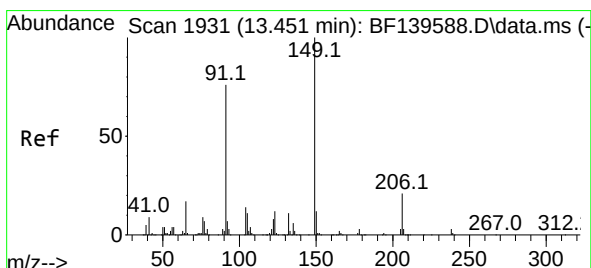
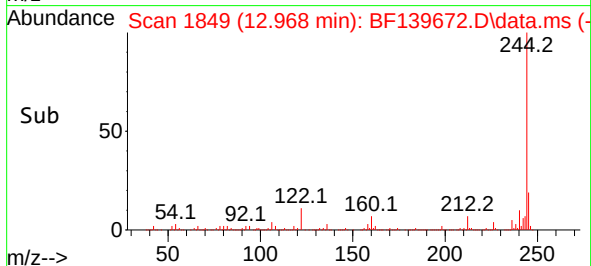
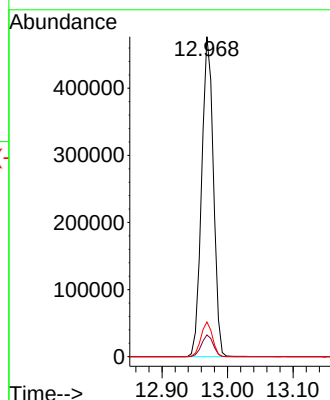
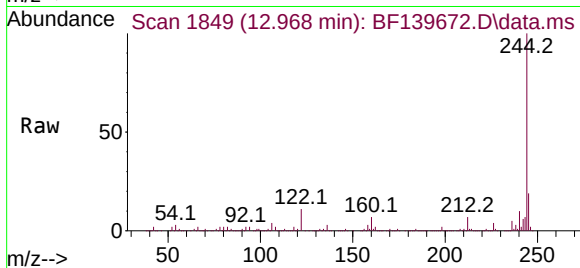
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#80

Butylbenzylphthalate

Concen: 51.398 ng

RT: 13.445 min Scan# 1930

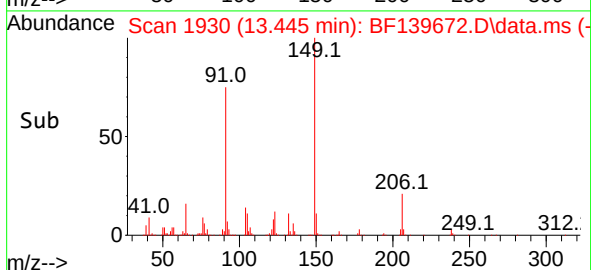
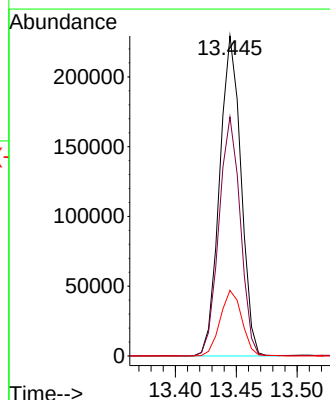
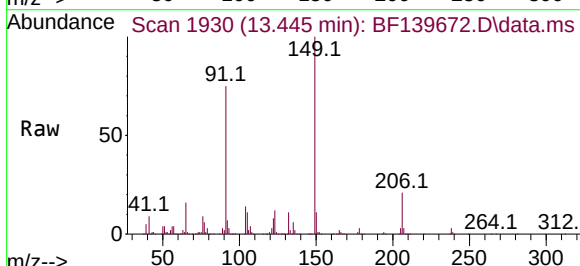
Delta R.T. -0.006 min

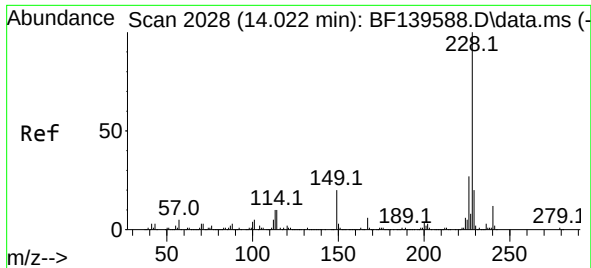
Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:149 Resp: 280571

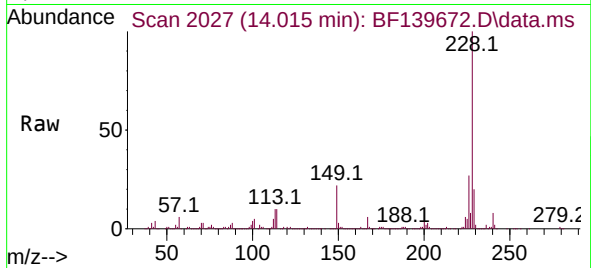
Ion	Ratio	Lower	Upper
149	100		
91	74.7	61.0	91.4
206	20.5	16.6	24.8





#81
Benzo(a)anthracene
Concen: 51.548 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

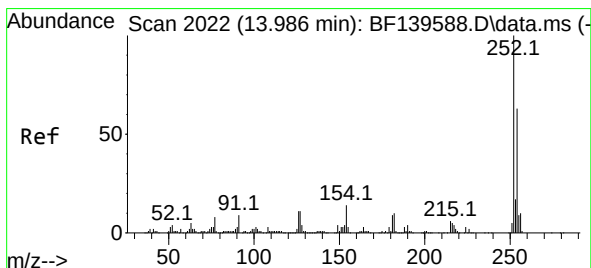
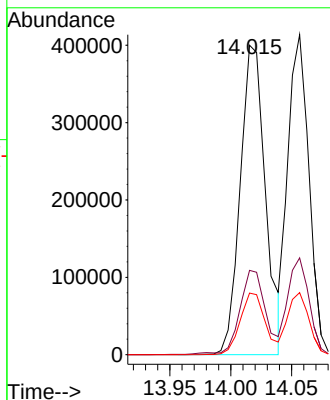
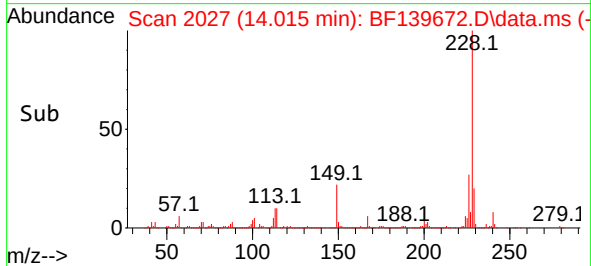
Instrument :
BNA_F
ClientSampleId :
TP4MSD



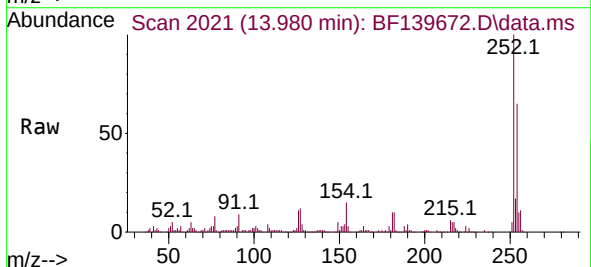
Tgt Ion:228 Resp: 57829
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 15.8 23.8

Manual Integrations
APPROVED

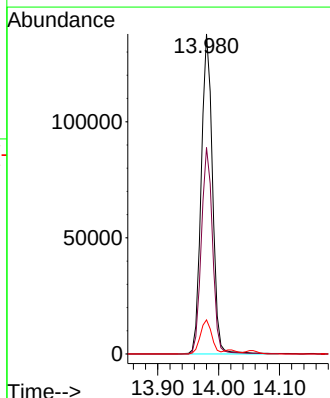
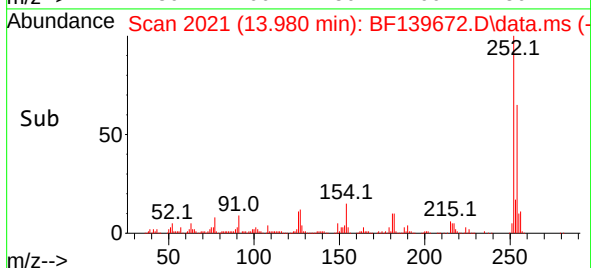
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

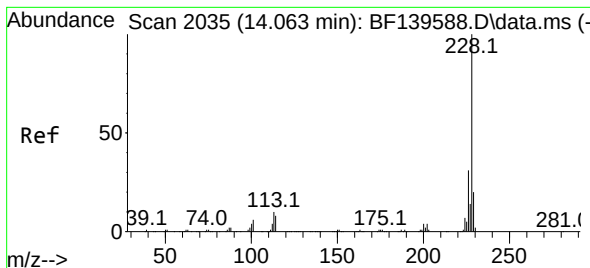


#82
3,3'-Dichlorobenzidine
Concen: 51.433 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:252 Resp: 176587
Ion Ratio Lower Upper
252 100
254 64.5 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 48.473 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:228 Resp: 49716

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

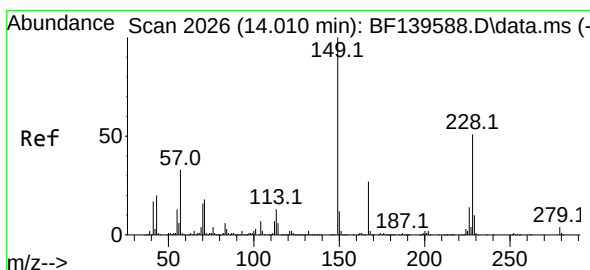
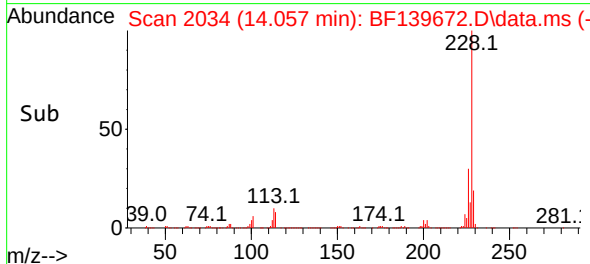
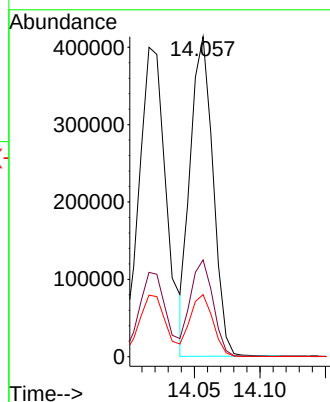
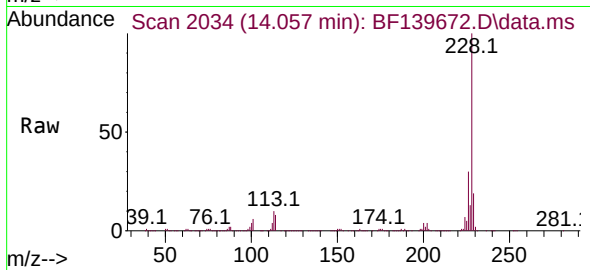
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.932 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

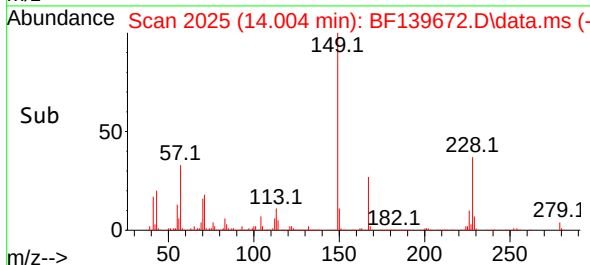
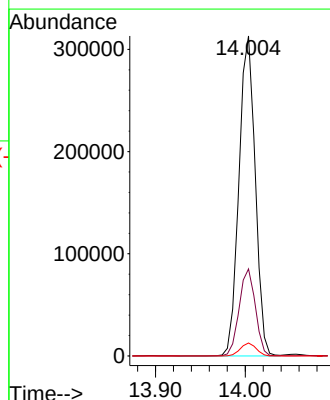
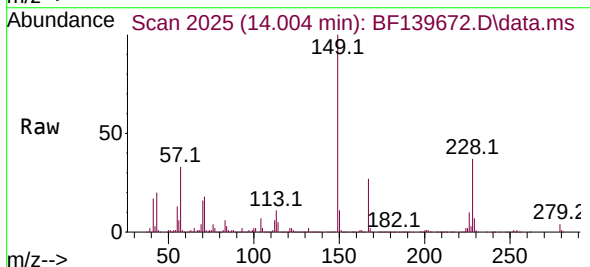
Tgt Ion:149 Resp: 394889

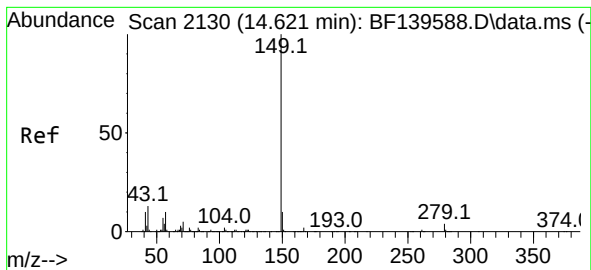
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 64.951 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:149 Resp: 650429

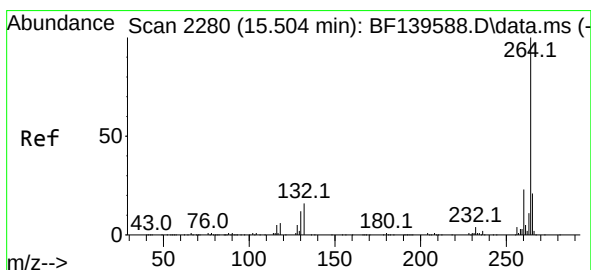
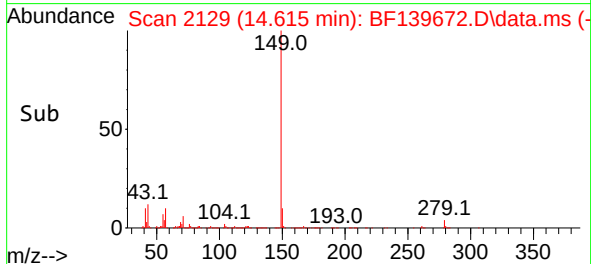
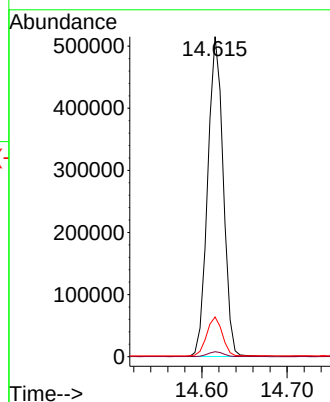
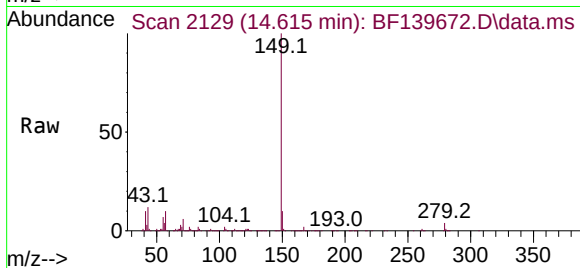
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.1	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2278

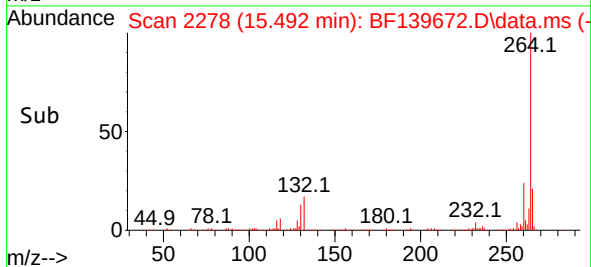
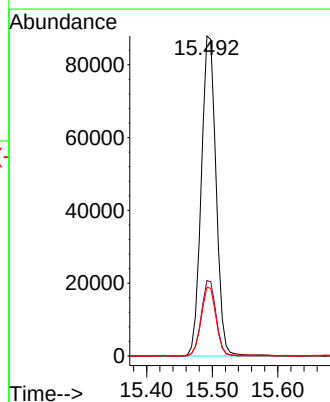
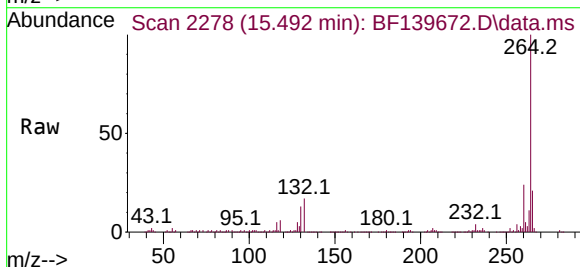
Delta R.T. -0.012 min

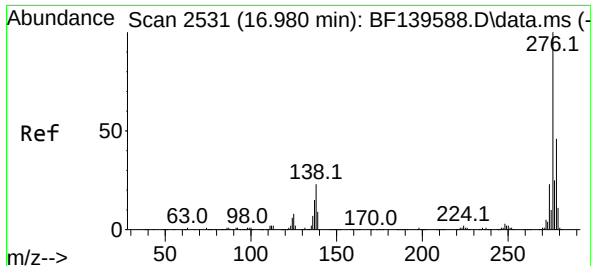
Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:264 Resp: 138029

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	16.9	25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.703 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

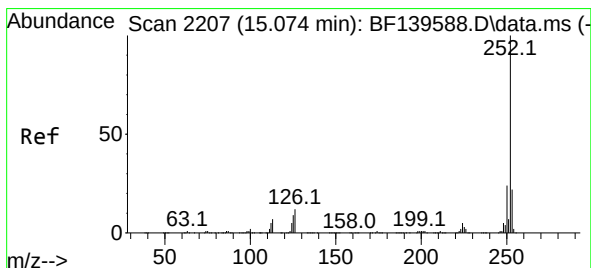
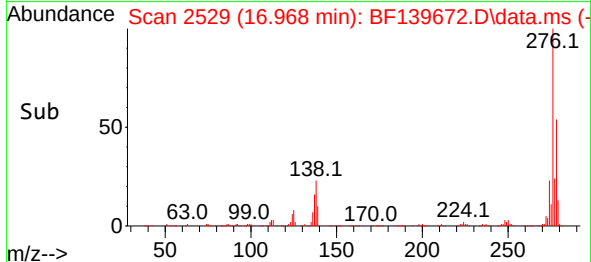
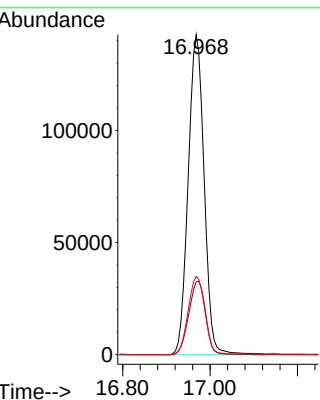
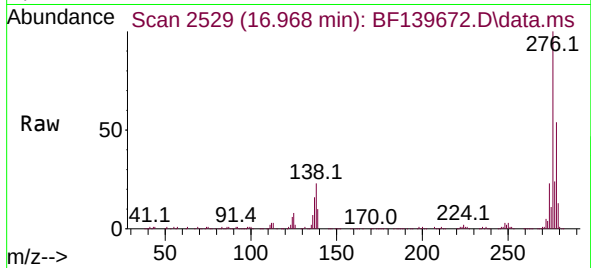
TP4MSD

Tgt Ion:276 Resp: 363172
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 25.5 20.2 30.2

Manual Integrations

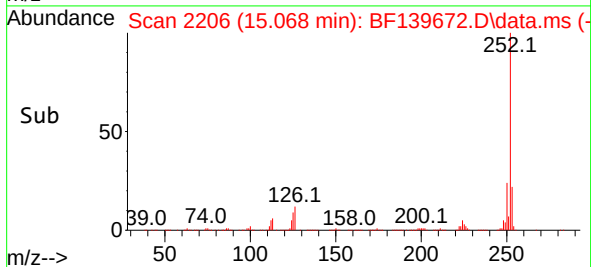
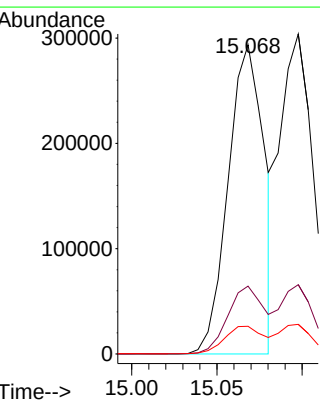
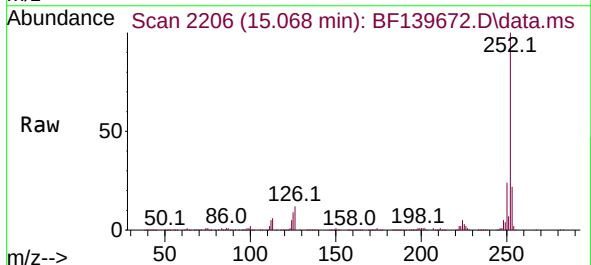
APPROVED

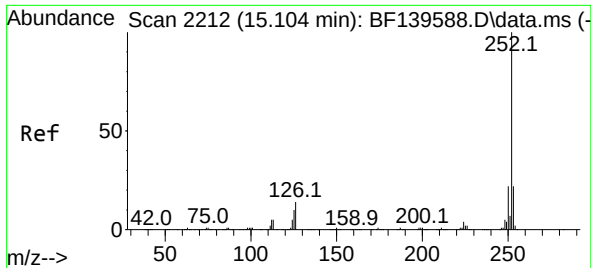
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#88
Benzo(b)fluoranthene
Concen: 48.408 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Tgt Ion:252 Resp: 432026
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.9 7.4 11.0





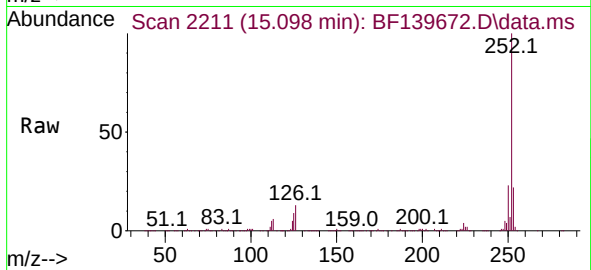
#89
Benzo(k)fluoranthene
Concen: 53.886 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

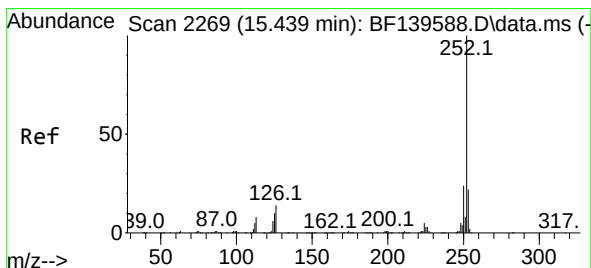
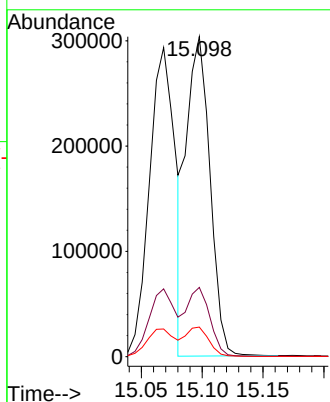
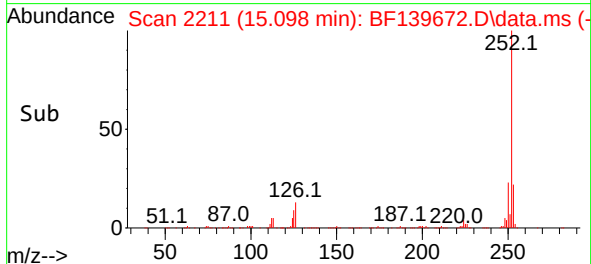


Tgt Ion:252 Resp: 407940
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.2 7.6 11.4

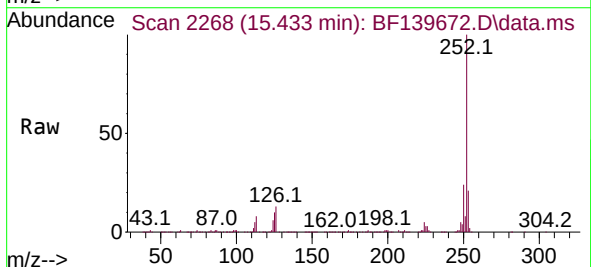
Manual Integrations

APPROVED

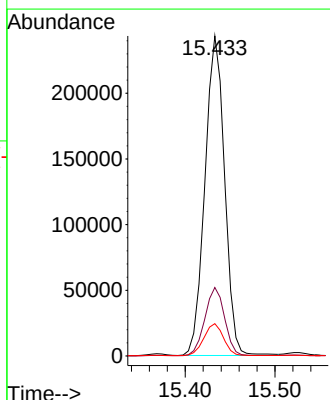
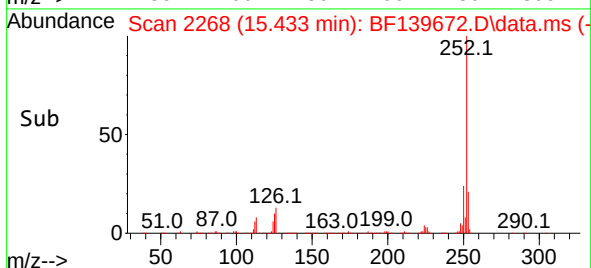
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

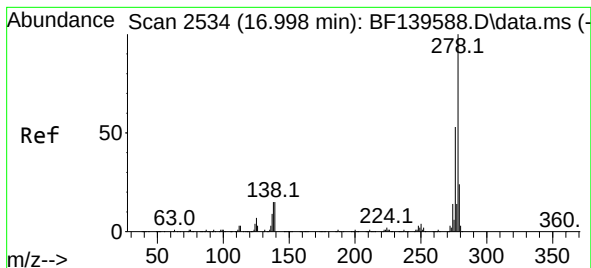


#90
Benzo(a)pyrene
Concen: 52.824 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF139672.D
Acq: 04 Oct 2024 22:09



Tgt Ion:252 Resp: 371730
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.924 ng

RT: 16.986 min Scan# 2534

Delta R.T. -0.012 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:278 Resp: 302708

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

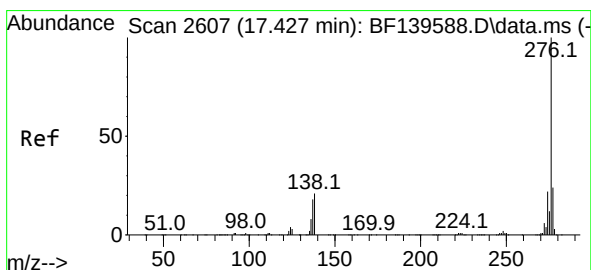
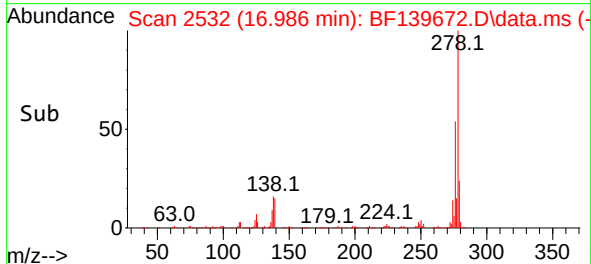
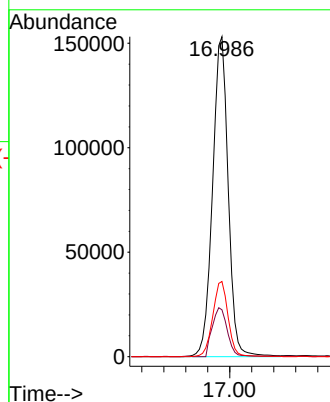
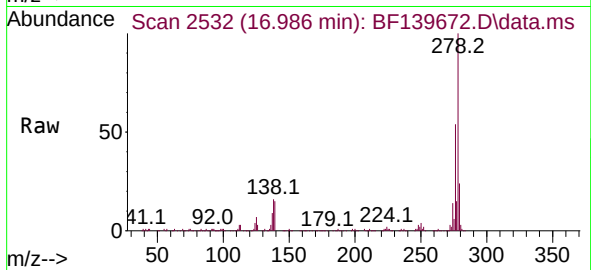
279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#92

Benzo(g,h,i)perylene

Concen: 40.163 ng

RT: 17.409 min Scan# 2604

Delta R.T. -0.018 min

Lab File: BF139672.D

Acq: 04 Oct 2024 22:09

Tgt Ion:276 Resp: 271409

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.6

138 20.9 17.0 25.6

