

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139649.D
 Acq On : 04 Oct 2024 11:19
 Operator : RC/JU
 Sample : P4242-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-QMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 11:54:26 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	90984	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	349150	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	193785	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	357779	20.000	ng	0.00
76) Chrysene-d12	14.027	240	197147	20.000	ng	0.00
86) Perylene-d12	15.498	264	213541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	706705	134.627	ng	0.02
7) Phenol-d6	6.504	99	883029	125.088	ng	0.00
23) Nitrobenzene-d5	7.434	82	650707	94.359	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	254854	136.236	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1170485	92.727	ng	0.00
79) Terphenyl-d14	12.974	244	1108815	92.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.834	88	106275	46.827	ng	# 80
3) Pyridine	3.534	79	230897	41.832	ng	98
4) n-Nitrosodimethylamine	3.475	42	177095	49.017	ng	94
6) Aniline	6.534	93	147115	23.485	ng	# 88
8) 2-Chlorophenol	6.657	128	286859	51.006	ng	97
9) Benzaldehyde	6.422	77	43906	11.741	ng	99
10) Phenol	6.522	94	335523	45.202	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	285310	47.208	ng	99
12) 1,3-Dichlorobenzene	6.810	146	291814	46.123	ng	99
13) 1,4-Dichlorobenzene	6.887	146	298677	46.611	ng	99
14) 1,2-Dichlorobenzene	7.034	146	286988	47.787	ng	98
15) Benzyl Alcohol	7.010	79	271332	50.305	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	510961	48.836	ng	91
17) 2-Methylphenol	7.122	107	229567	48.895	ng	99
18) Hexachloroethane	7.375	117	111000	46.441	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	219545	48.374	ng	99
20) 3+4-Methylphenols	7.275	107	284140	48.181	ng	97
22) Acetophenone	7.275	105	397258	47.933	ng	98
24) Nitrobenzene	7.451	77	328763	46.040	ng	100
25) Isophorone	7.687	82	596962	48.739	ng	100
26) 2-Nitrophenol	7.763	139	152349	49.628	ng	97
27) 2,4-Dimethylphenol	7.804	122	224046m	59.617	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	352172	48.151	ng	99
29) 2,4-Dichlorophenol	8.010	162	242948	49.562	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	248756	44.873	ng	99
31) Naphthalene	8.169	128	849329	47.577	ng	100
32) Benzoic acid	7.934	122	177448	47.486	ng	99
33) 4-Chloroaniline	8.216	127	46777	7.741	ng	98
34) Hexachlorobutadiene	8.281	225	163202	45.493	ng	99
35) Caprolactam	8.592	113	70884m	44.088	ng	
36) 4-Chloro-3-methylphenol	8.710	107	265111	47.777	ng	99
37) 2-Methylnaphthalene	8.863	142	552982	47.562	ng	99
38) 1-Methylnaphthalene	8.957	142	513227	45.160	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	257656	47.881	ng	98
41) Hexachlorocyclopentadiene	9.010	237	292481	177.261	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	181913	50.147	ng	99

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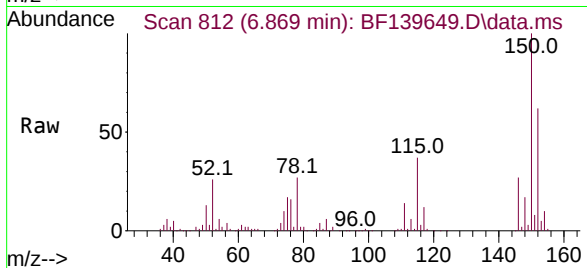
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	189923	48.548	ng	99
46) 1,1'-Biphenyl	9.328	154	696707	48.338	ng	100
47) 2-Chloronaphthalene	9.351	162	520390	48.161	ng	99
48) 2-Nitroaniline	9.445	65	195514	50.407	ng	98
49) Acenaphthylene	9.769	152	860296	52.354	ng	100
50) Dimethylphthalate	9.628	163	637211	50.232	ng	99
51) 2,6-Dinitrotoluene	9.692	165	139151	48.560	ng	94
52) Acenaphthene	9.939	154	623007m	55.228	ng	
53) 3-Nitroaniline	9.857	138	55105	18.818	ng	98
54) 2,4-Dinitrophenol	9.969	184	172113	111.669	ng	98
55) Dibenzofuran	10.110	168	775316	49.088	ng	99
56) 4-Nitrophenol	10.028	139	209469	93.801	ng	96
57) 2,4-Dinitrotoluene	10.098	165	187036	49.934	ng	96
58) Fluorene	10.451	166	611604	48.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	165780	52.467	ng	99
60) Diethylphthalate	10.328	149	638499	48.731	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	297931	47.339	ng	97
62) 4-Nitroaniline	10.475	138	138193	46.136	ng	99
63) Azobenzene	10.604	77	646874	49.092	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	107431	53.166	ng	97
66) n-Nitrosodiphenylamine	10.563	169	535543	50.782	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	178195	48.577	ng	98
68) Hexachlorobenzene	10.998	284	195023	47.911	ng	99
69) Atrazine	11.092	200	159152	56.247	ng	100
70) Pentachlorophenol	11.198	266	248044	102.337	ng	98
71) Phenanthrene	11.416	178	856219	50.755	ng	100
72) Anthracene	11.469	178	874643	52.408	ng	100
73) Carbazole	11.622	167	797649	49.763	ng	99
74) Di-n-butylphthalate	11.945	149	979641	50.259	ng	100
75) Fluoranthene	12.604	202	873130	47.347	ng	99
77) Benzidine	12.722	184	49073	14.112	ng	99
78) Pyrene	12.833	202	875573	49.656	ng	99
80) Butylbenzylphthalate	13.445	149	351858	55.788	ng	100
81) Benzo(a)anthracene	14.016	228	679714	52.440	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	135040	34.042	ng	99
83) Chrysene	14.057	228	584797	49.349	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	469313	59.591	ng	100
85) Di-n-octyl phthalate	14.616	149	720218	62.248	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	697756	55.516	ng	99
88) Benzo(b)fluoranthene	15.068	252	678224	49.121	ng	99
89) Benzo(k)fluoranthene	15.098	252	533434	45.545	ng	99
90) Benzo(a)pyrene	15.439	252	582357	53.491	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	569718	54.652	ng	99
92) Benzo(g,h,i)perylene	17.421	276	523132	50.038	ng	98

(#) = 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: BF139649.D
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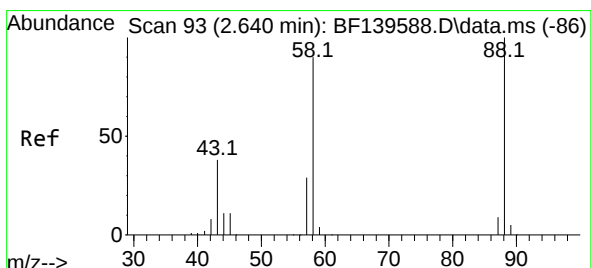
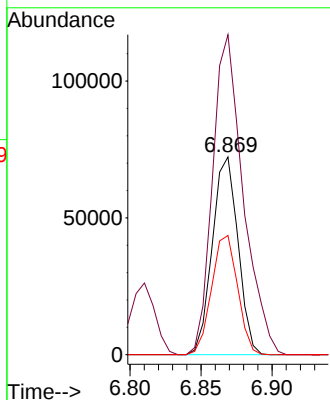
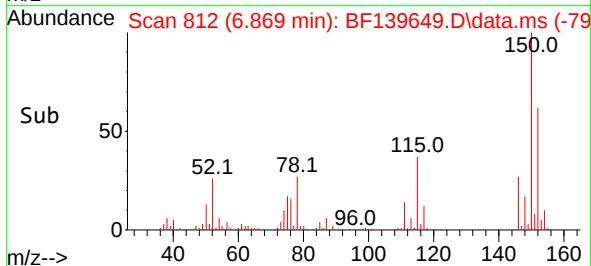
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:152 Resp: 90984
Ion Ratio Lower Upper
152 100
150 161.8 127.2 190.8
115 60.2 49.0 73.4

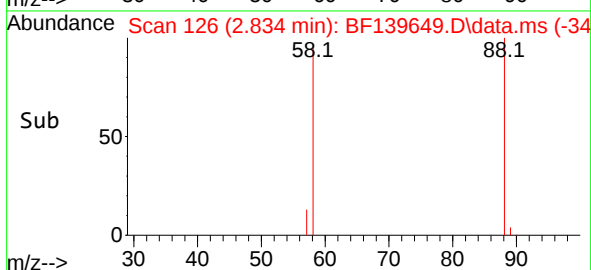
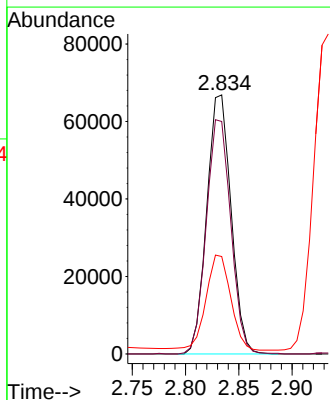
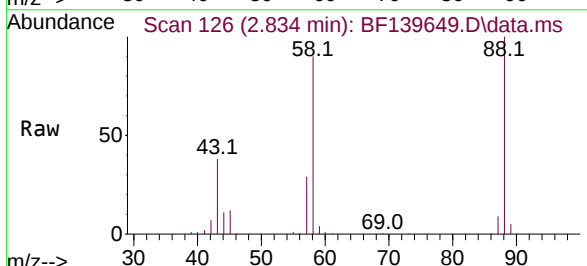
Manual Integrations
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Supervised By :mohammad ahmed 10/07/2024



#2
1,4-Dioxane
Concen: 46.827 ng
RT: 2.834 min Scan# 126
Delta R.T. 0.194 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion: 88 Resp: 106275
Ion Ratio Lower Upper
88 100
58 91.3 72.0 108.0
43 0.0 30.8 46.2#





#3

Pyridine

Concen: 41.832 ng

RT: 3.534 min Scan# 245

Delta R.T. 0.141 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion: 79 Resp: 23089

Ion Ratio Lower Upper

79 100

52 89.2 72.6 109.0

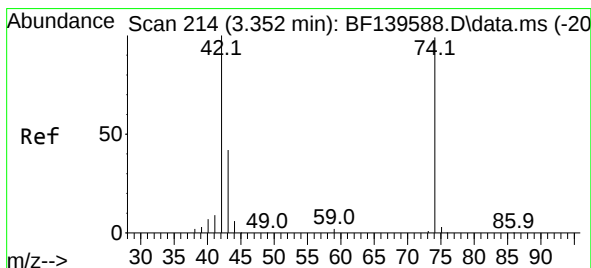
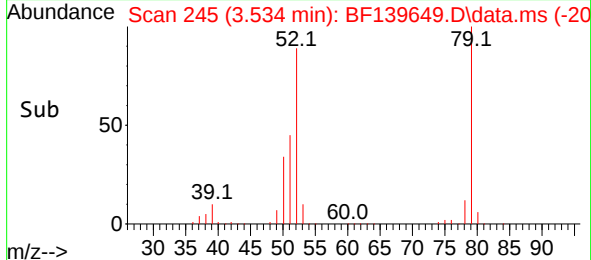
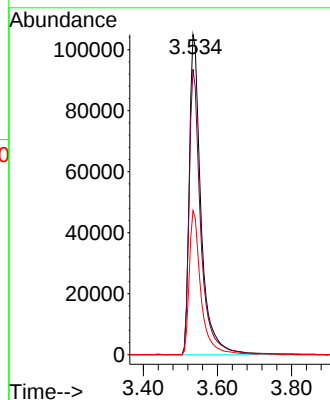
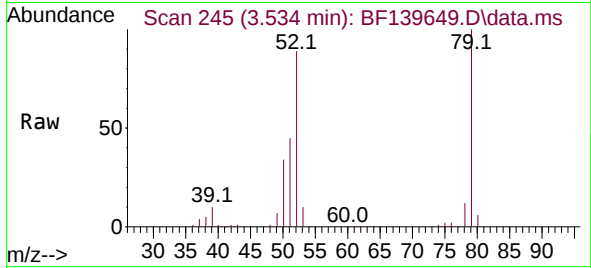
51 45.0 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.017 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.123 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

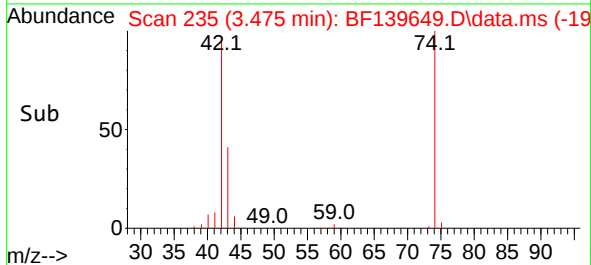
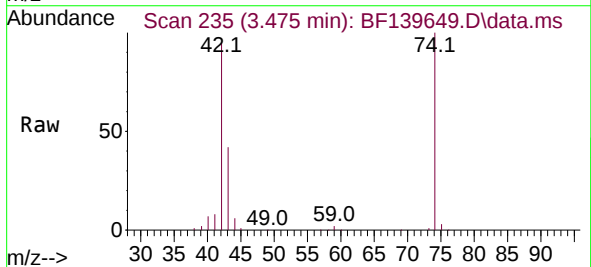
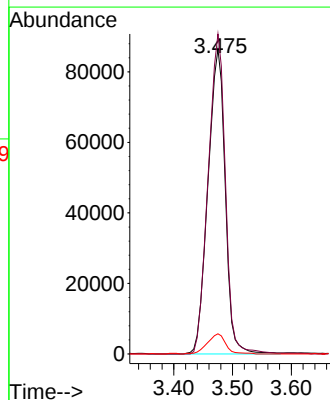
Tgt Ion: 42 Resp: 177095

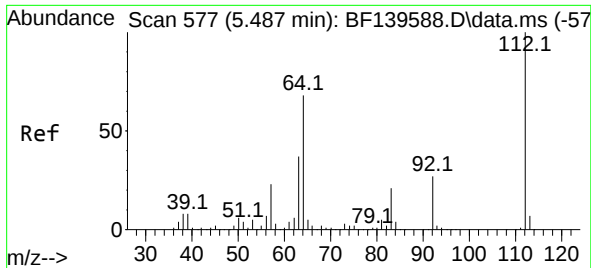
Ion Ratio Lower Upper

42 100

74 104.9 79.0 118.6

44 6.6 5.2 7.8





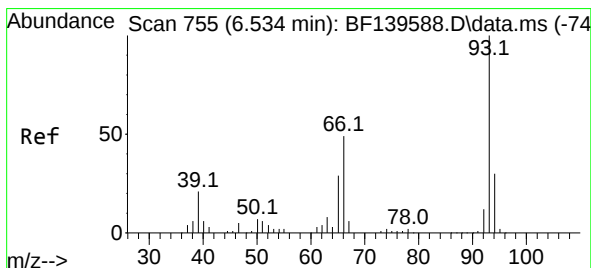
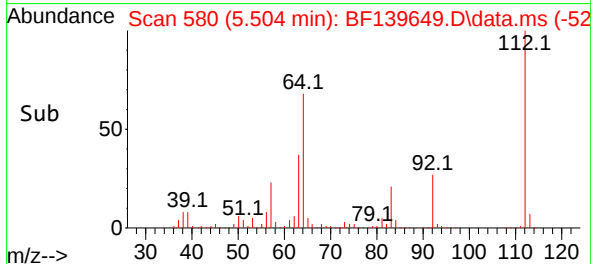
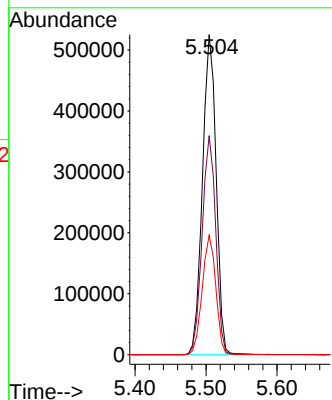
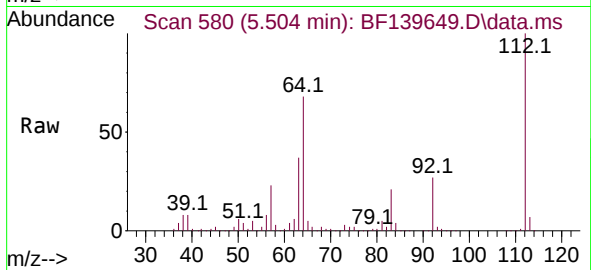
#5
2-Fluorophenol
Concen: 134.627 ng
RT: 5.504 min Scan# 577
Delta R.T. 0.017 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion:112 Resp: 70670
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.3 29.4 44.2

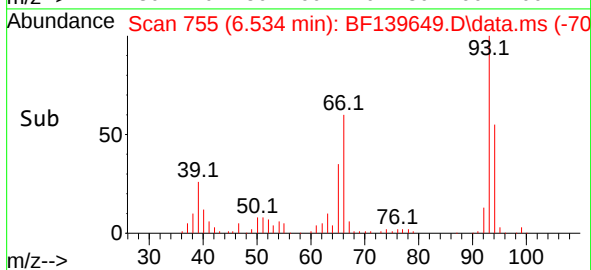
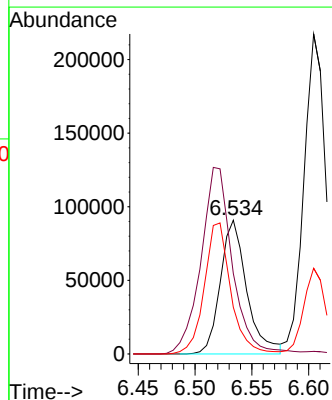
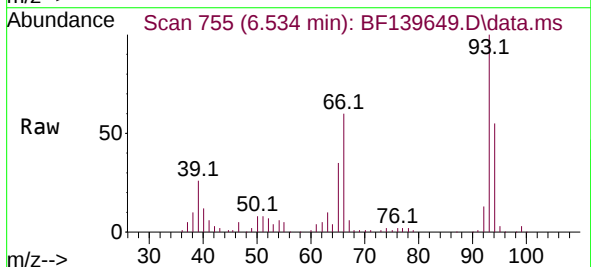
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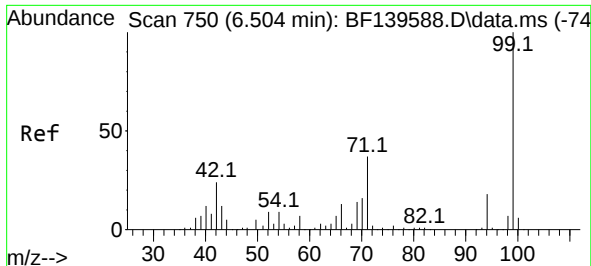
Reviewed By :Yogesh Patel 10/05/2024
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#6
Aniline
Concen: 23.485 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion: 93 Resp: 147115
Ion Ratio Lower Upper
93 100
66 60.2 40.9 61.3
65 35.0 23.3 34.9





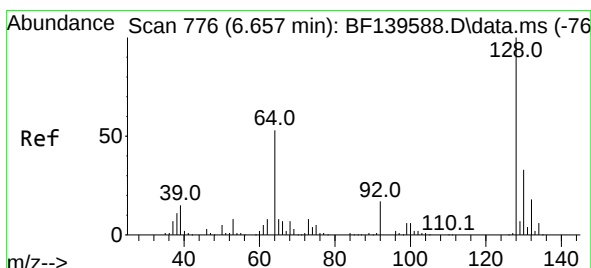
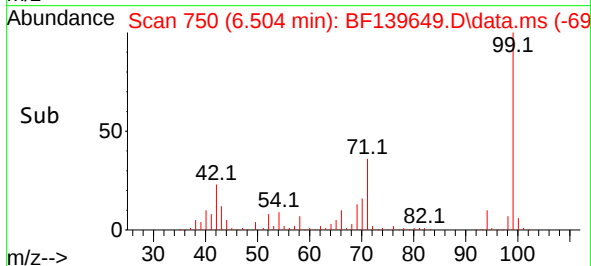
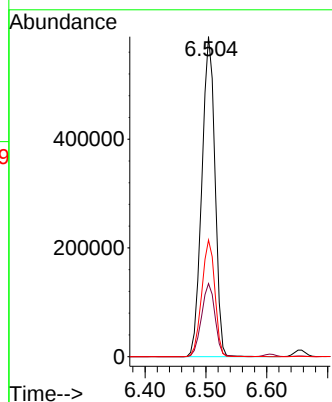
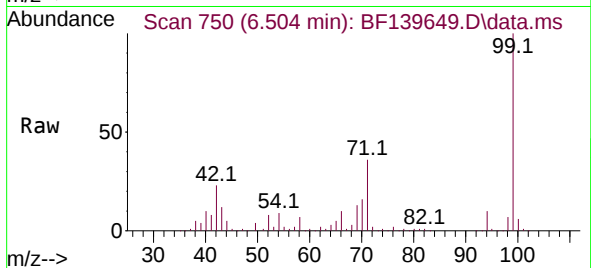
#7
Phenol-d6
Concen: 125.088 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion: 99 Resp: 883029
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.5 29.7 44.5

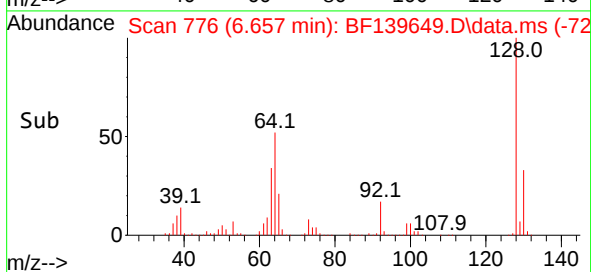
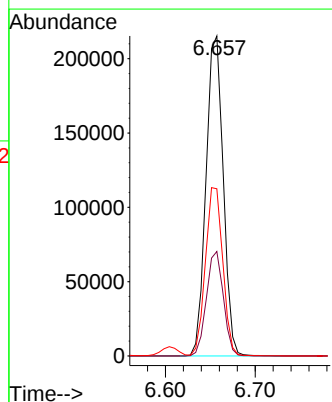
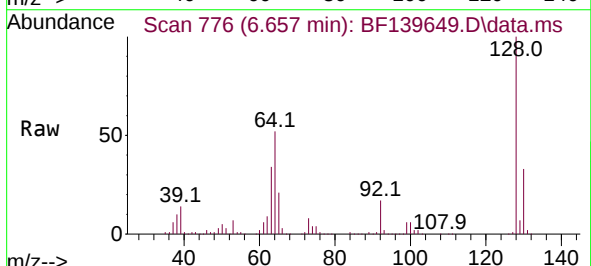
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#8
2-Chlorophenol
Concen: 51.006 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:128 Resp: 286859
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 52.3 35.1 75.1





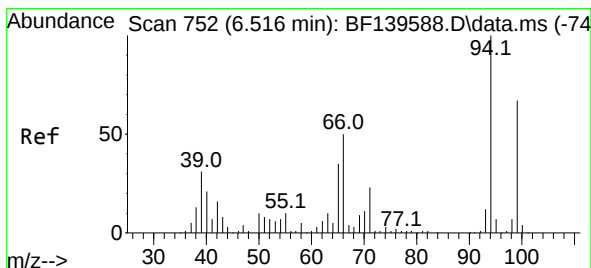
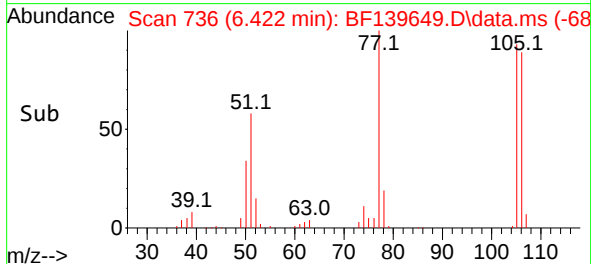
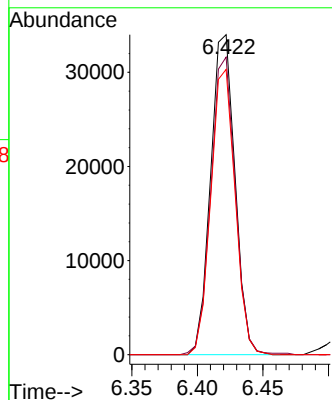
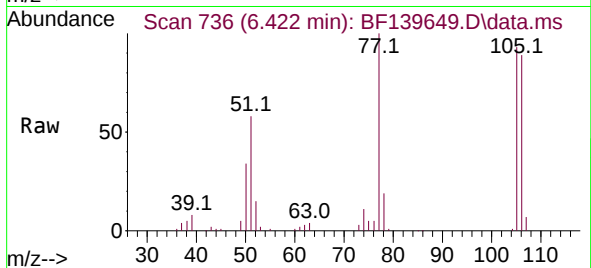
#9
Benzaldehyde
Concen: 11.741 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion: 77 Resp: 43900
Ion Ratio Lower Upper
77 100
105 93.0 72.7 112.7
106 89.2 70.1 110.1

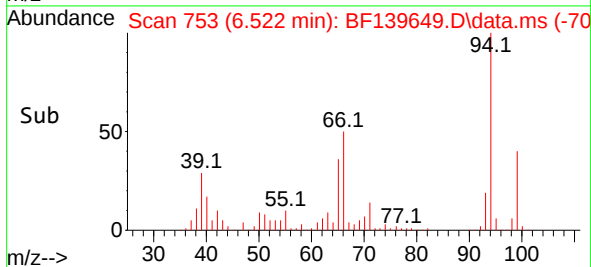
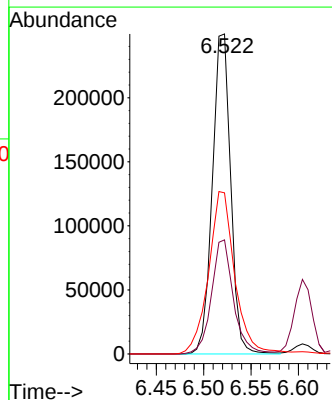
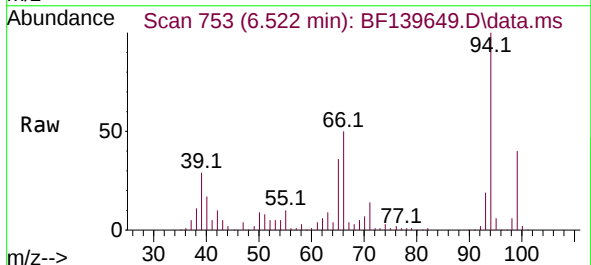
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Supervised By :mohammad ahmed 10/07/2024



#10
Phenol
Concen: 45.202 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion: 94 Resp: 335523
Ion Ratio Lower Upper
94 100
65 35.7 15.3 55.3
66 50.3 30.5 70.5





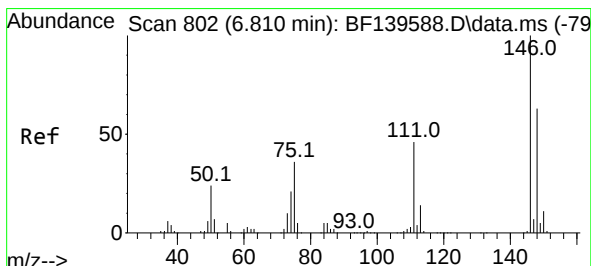
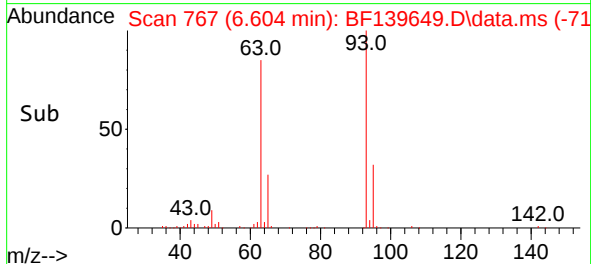
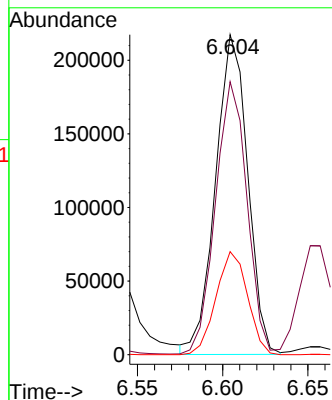
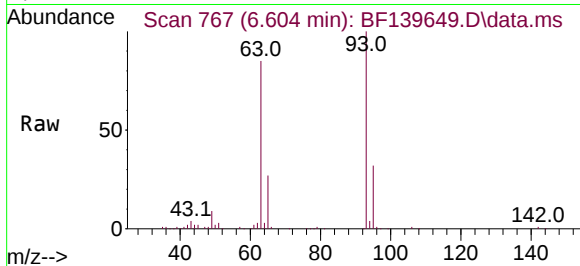
#11
bis(2-Chloroethyl)ether
Concen: 47.208 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion: 93 Resp: 285310
Ion Ratio Lower Upper
93 100
63 85.3 64.1 104.1
95 32.2 12.3 52.3

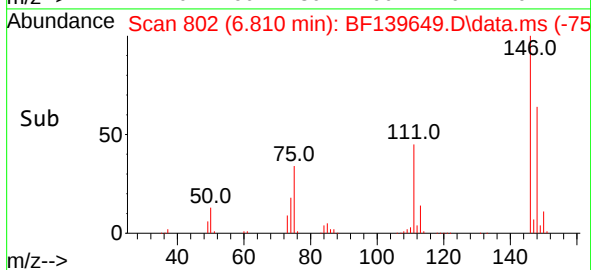
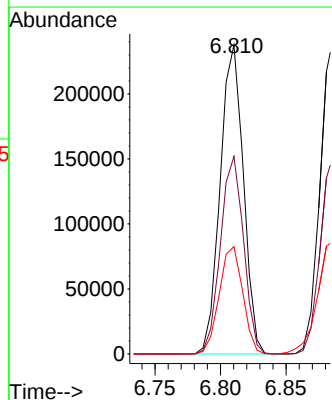
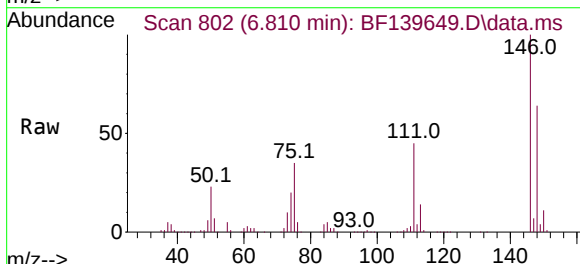
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#12
1,3-Dichlorobenzene
Concen: 46.123 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:146 Resp: 291814
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.4
75 34.7 28.5 42.7





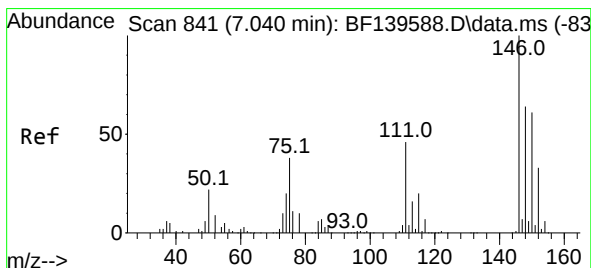
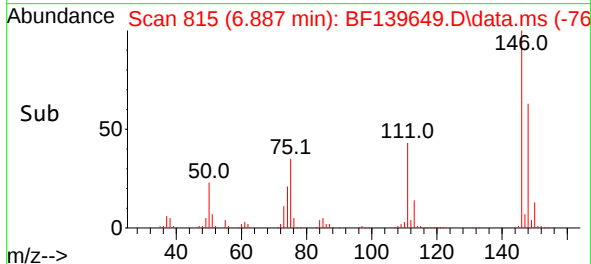
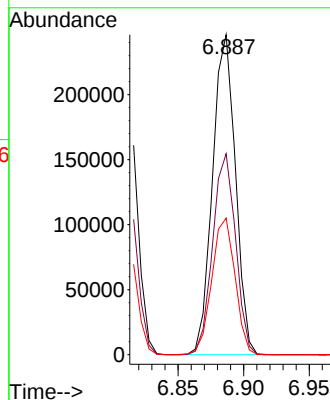
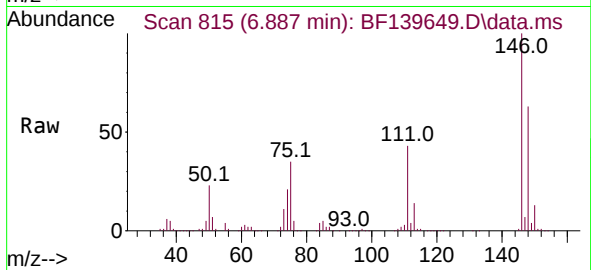
#13
1,4-Dichlorobenzene
Concen: 46.611 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
Client SampleId :
TP-QMS

Tgt Ion:146 Resp: 29867
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 42.7 34.9 52.3

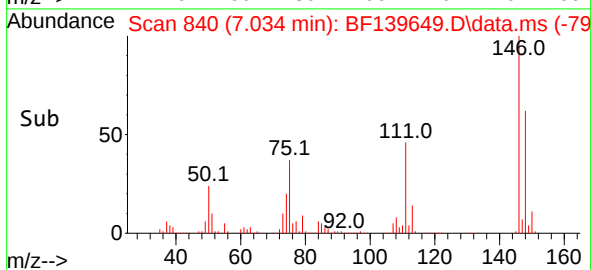
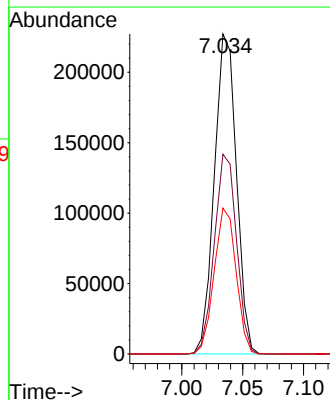
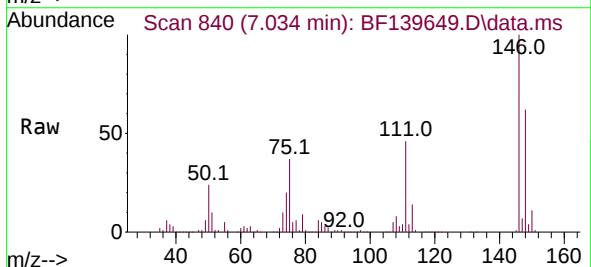
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#14
1,2-Dichlorobenzene
Concen: 47.787 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

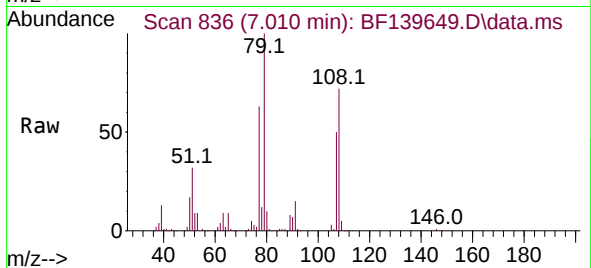
Tgt Ion:146 Resp: 286988
Ion Ratio Lower Upper
146 100
148 62.4 51.2 76.8
111 45.6 37.0 55.6





#15
Benzyl Alcohol
Concen: 50.305 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

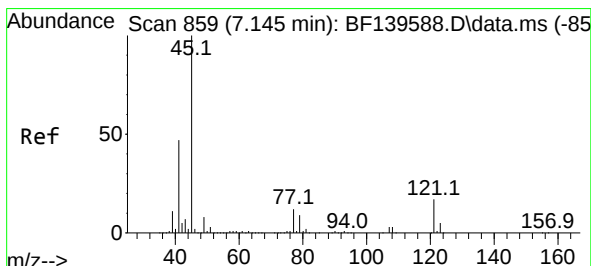
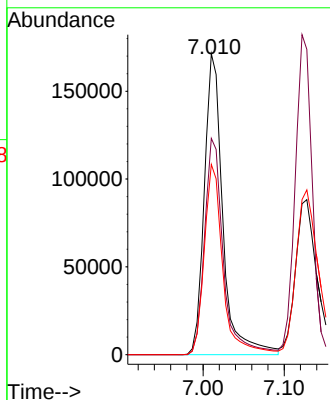
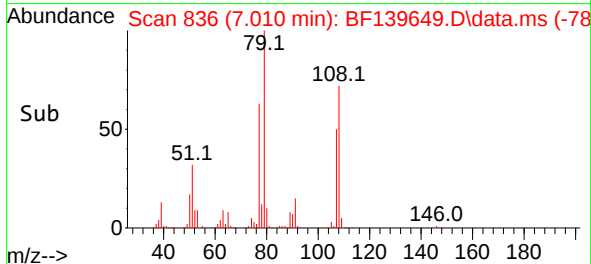
Instrument :
BNA_F
ClientSampleId :
TP-QMS



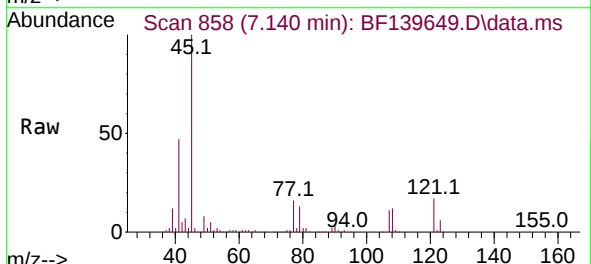
Tgt Ion: 79 Resp: 27133
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 63.2 50.8 76.2

Manual Integrations
APPROVED

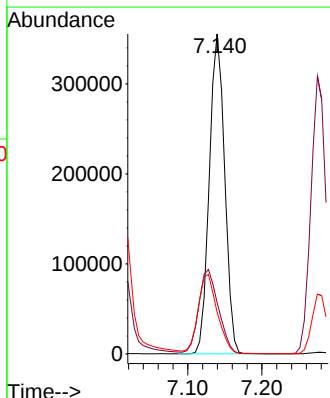
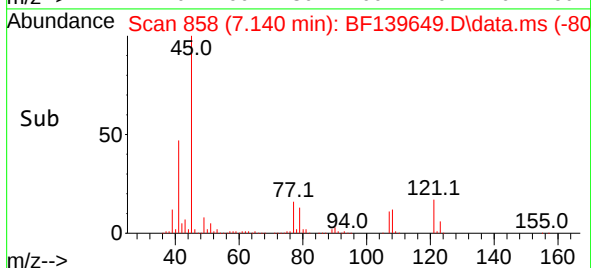
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

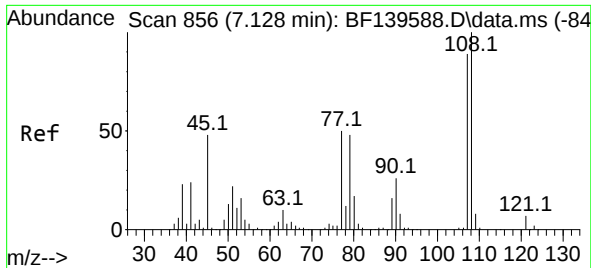


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.836 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



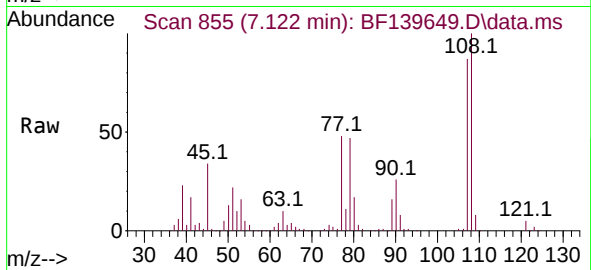
Tgt Ion: 45 Resp: 510961
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.5
79 13.0 0.0 29.7





#17
2-Methylphenol
Concen: 48.895 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

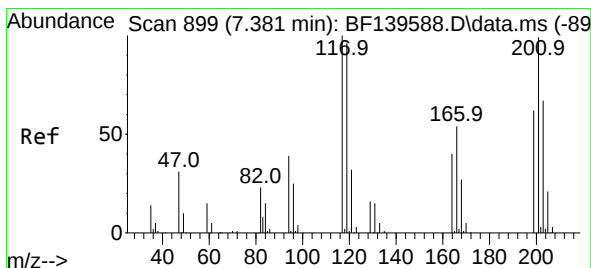
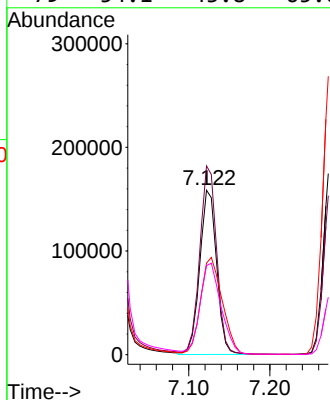
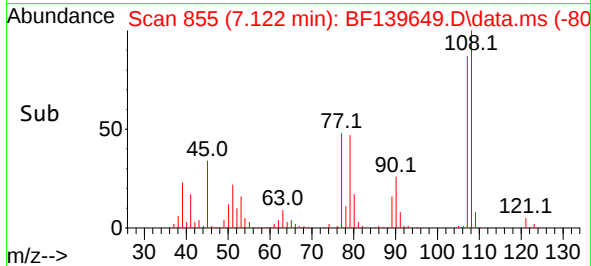
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:107 Resp: 22956
Ion Ratio Lower Upper
107 100
108 114.8 89.8 134.6
77 55.7 44.6 67.0
79 54.1 43.8 65.6

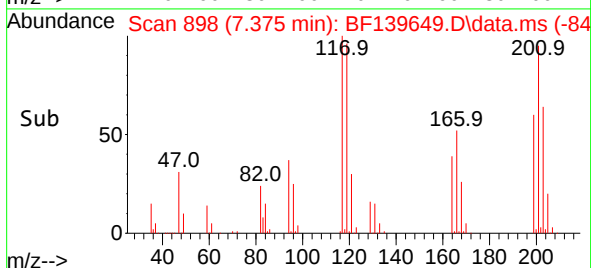
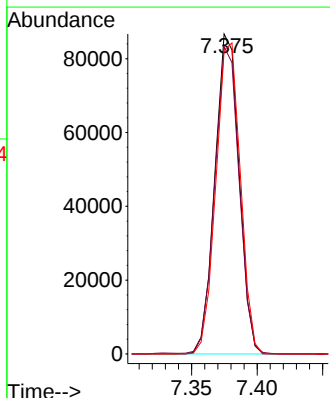
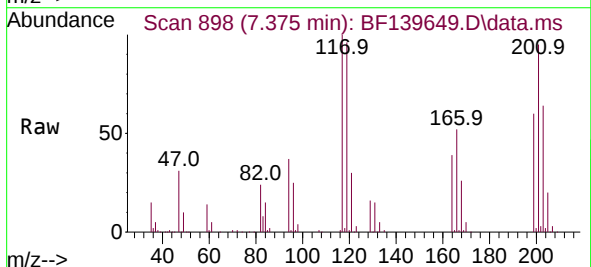
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#18
Hexachloroethane
Concen: 46.441 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:117 Resp: 111000
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6
201 94.9 79.2 118.8





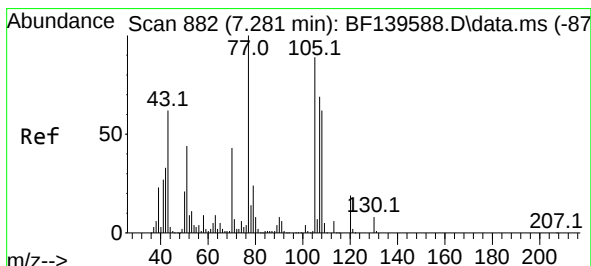
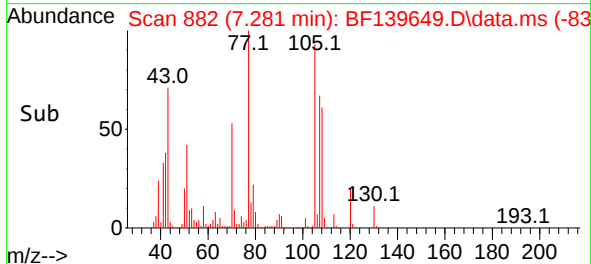
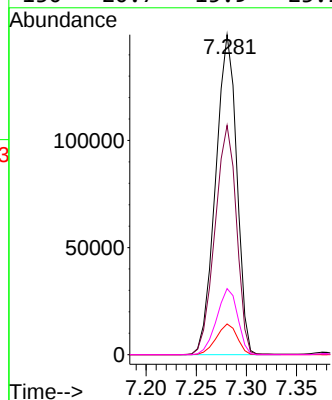
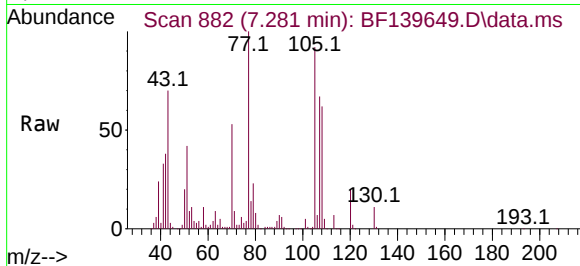
#19
n-Nitroso-di-n-propylamine
Concen: 48.374 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
Client SampleId :
TP-QMS

Tgt Ion: 70 Resp: 21954
Ion Ratio Lower Upper
70 100
42 71.6 58.0 87.0
101 9.6 7.8 11.8
130 20.7 15.9 23.9

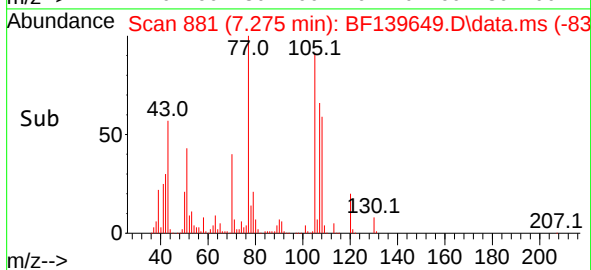
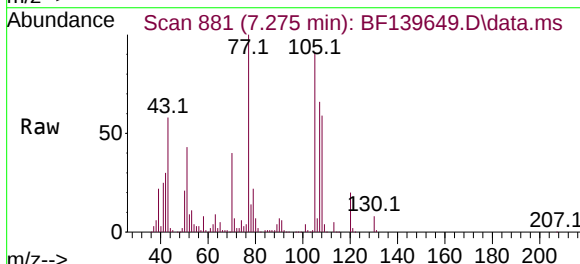
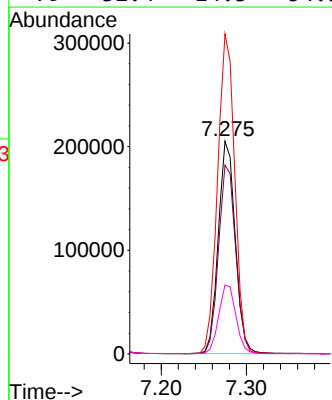
Manual Integrations
APPROVED

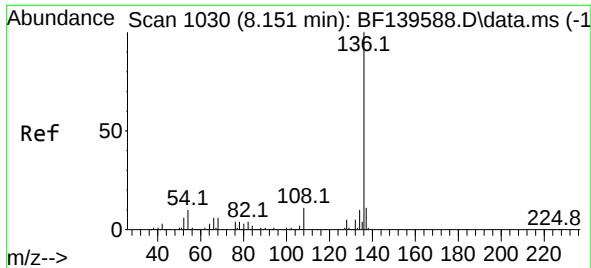
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#20
3+4-Methylphenols
Concen: 48.181 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:107 Resp: 284140
Ion Ratio Lower Upper
107 100
108 88.8 70.2 110.2
77 150.5 125.3 165.3
79 32.4 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: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

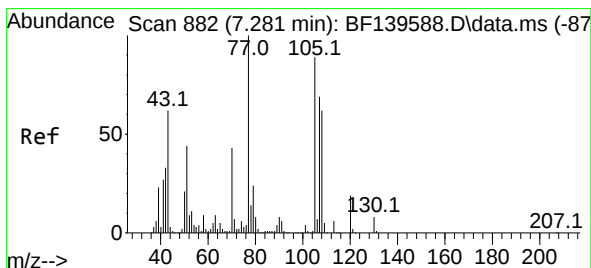
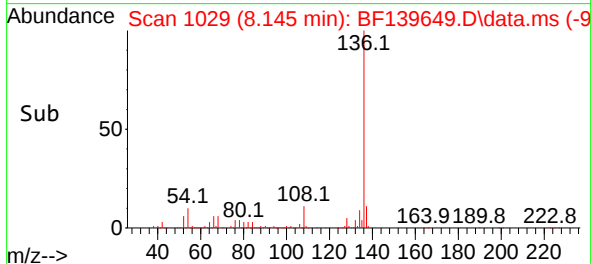
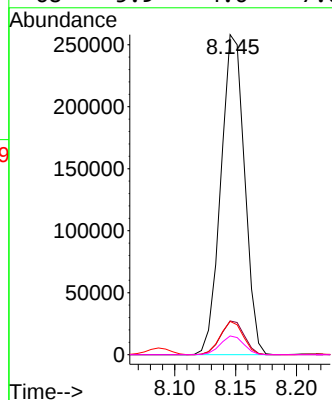
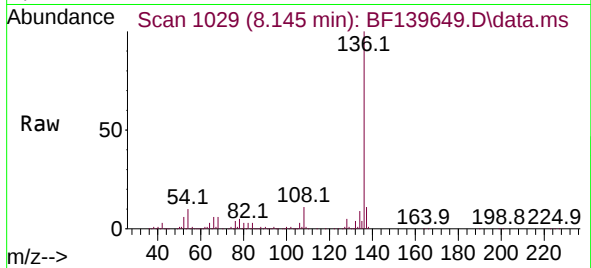
TP-QMS

Tgt Ion:136 Resp: 349150
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.4 8.3 12.5
68 5.9 4.6 7.0

Manual Integrations

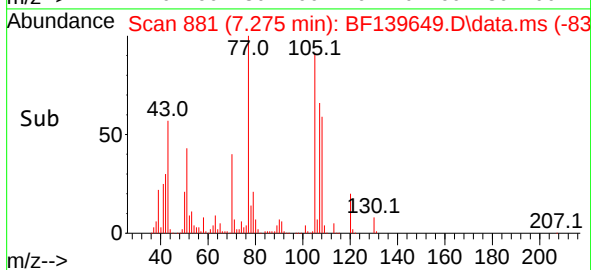
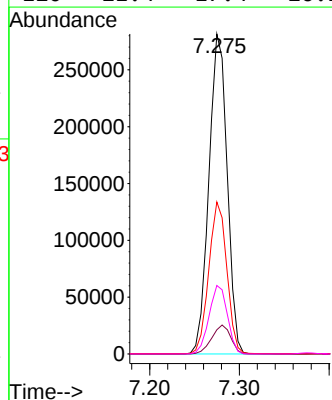
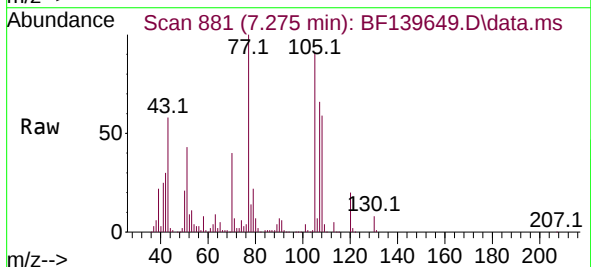
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#22
Acetophenone
Concen: 47.933 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:105 Resp: 397258
Ion Ratio Lower Upper
105 100
71 7.6 6.6 10.0
51 47.5 39.4 59.0
120 21.4 17.4 26.2





#23
Nitrobenzene-d5
Concen: 94.359 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

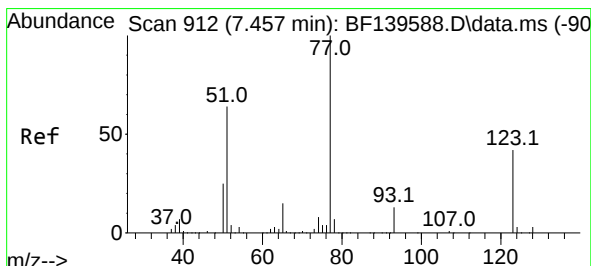
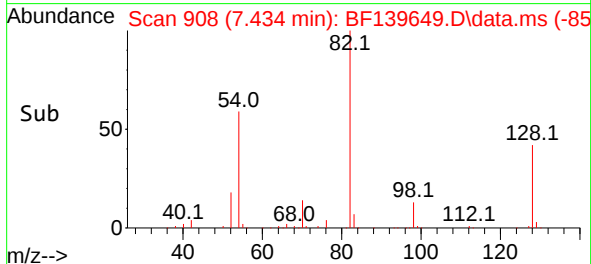
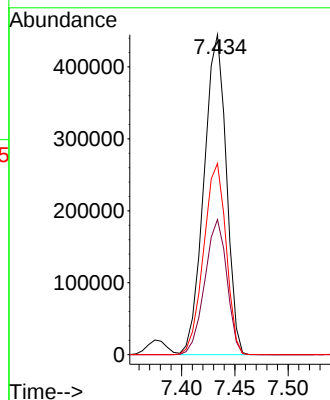
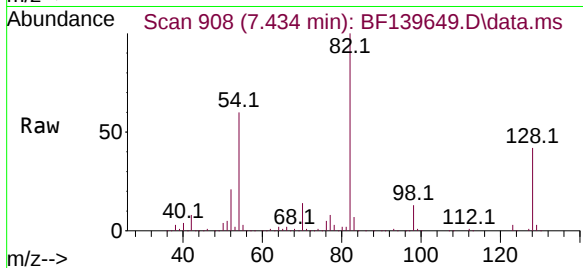
TP-QMS

Tgt Ion: 82 Resp: 65070
Ion Ratio Lower Upper
82 100
128 42.3 32.4 48.6
54 59.8 49.1 73.7

Manual Integrations

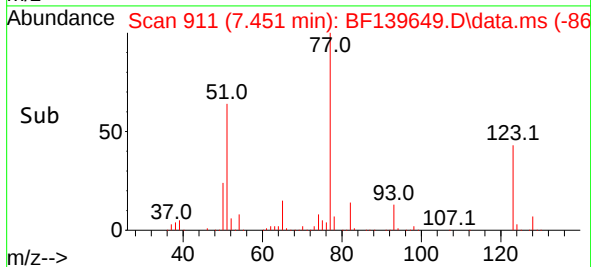
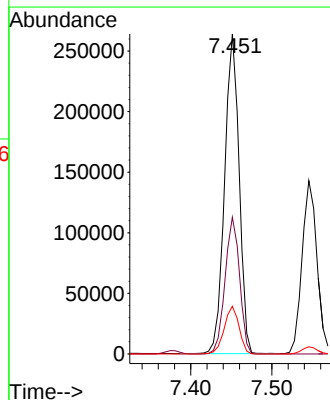
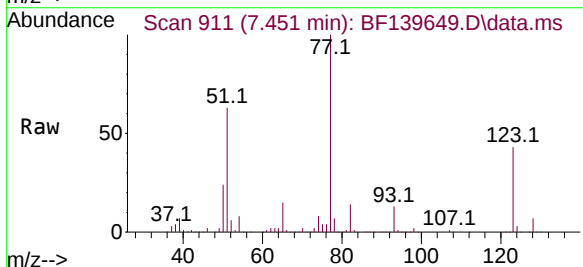
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#24
Nitrobenzene
Concen: 46.040 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

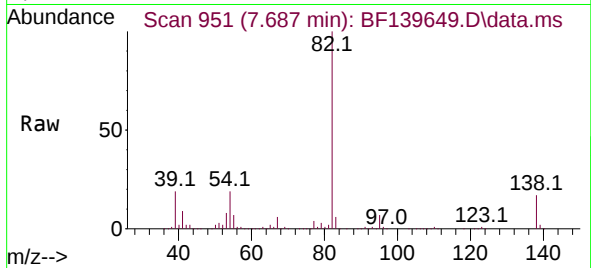
Tgt Ion: 77 Resp: 328763
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 14.9 12.1 18.1





#25
Isophorone
Concen: 48.739 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

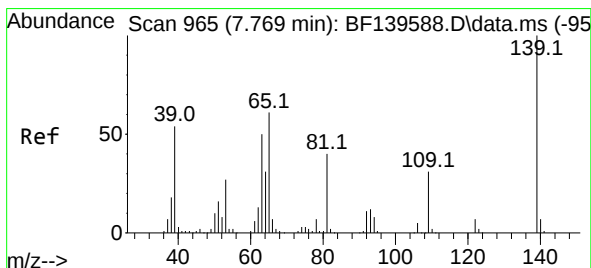
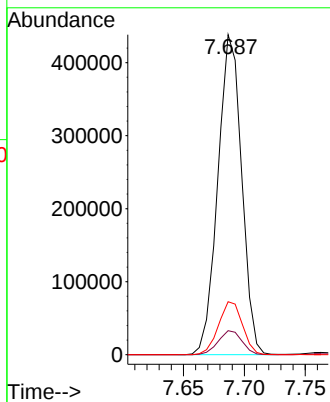
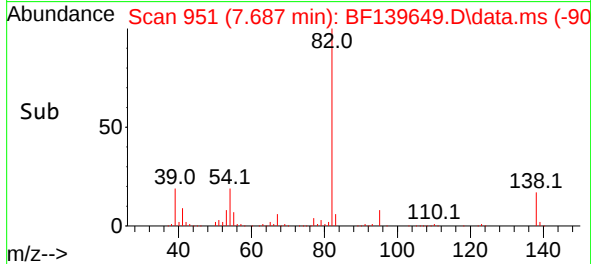
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion: 82 Resp: 596962
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.6 13.4 20.2

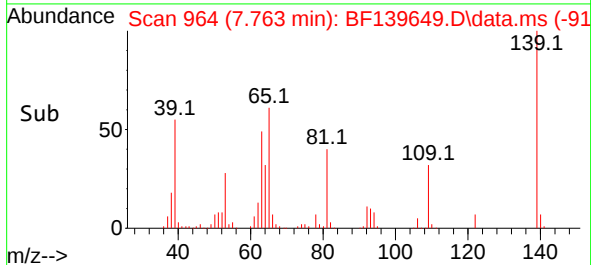
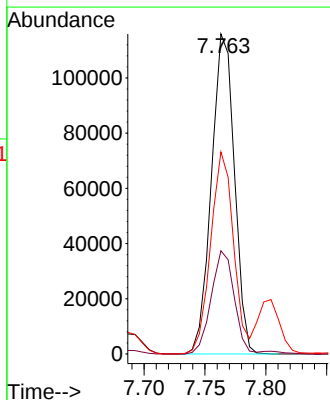
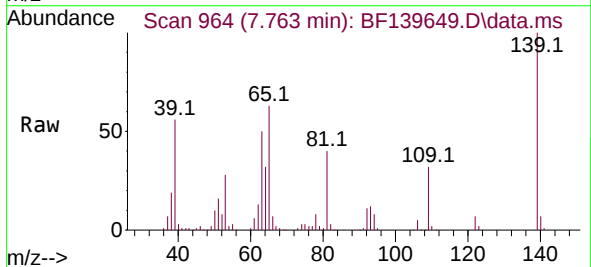
Manual Integrations
APPROVED

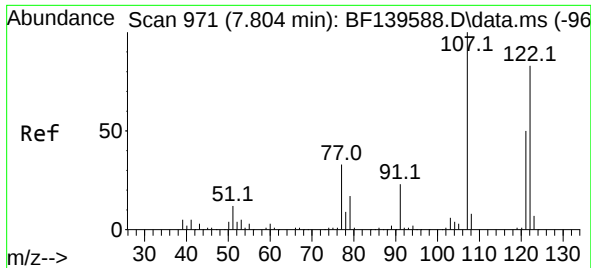
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#26
2-Nitrophenol
Concen: 49.628 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:139 Resp: 152349
Ion Ratio Lower Upper
139 100
109 32.3 24.9 37.3
65 63.1 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 59.617 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:122 Resp: 224040

Ion Ratio Lower Upper

122 100

107 119.3 95.4 143.0

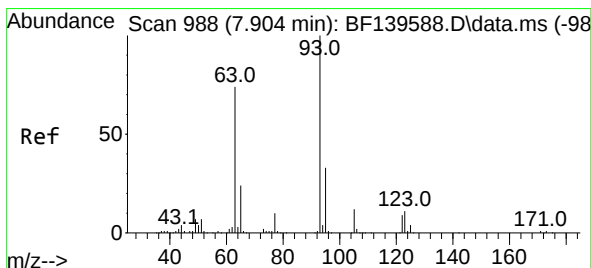
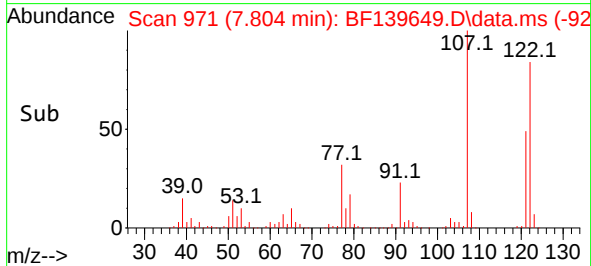
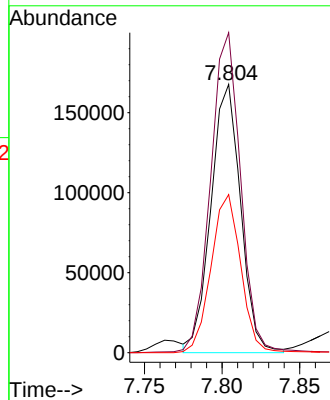
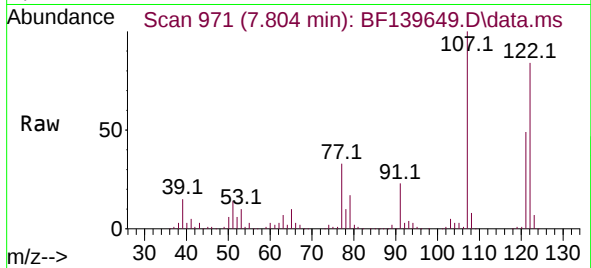
121 58.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.151 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

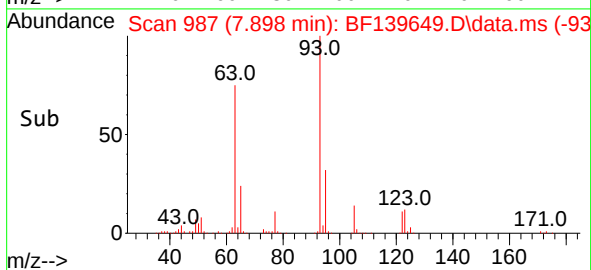
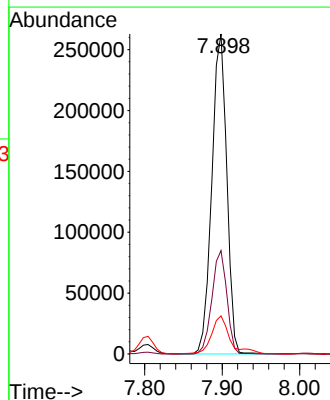
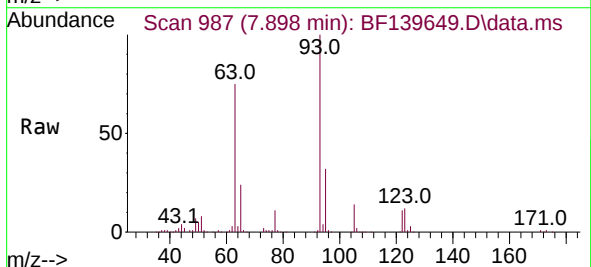
Tgt Ion: 93 Resp: 352172

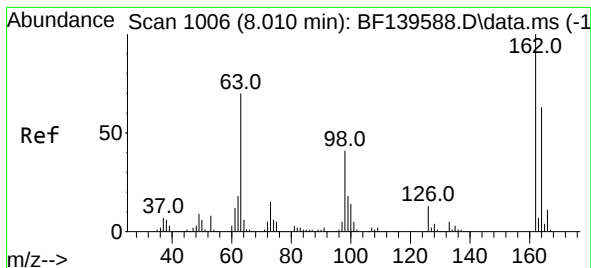
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

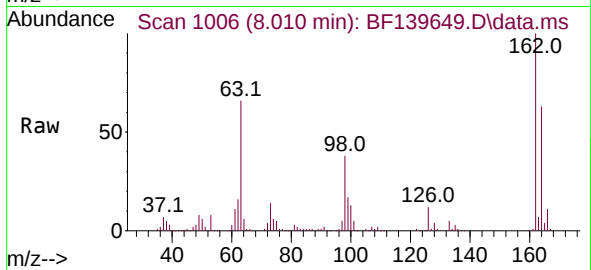
123 11.9 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 49.562 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

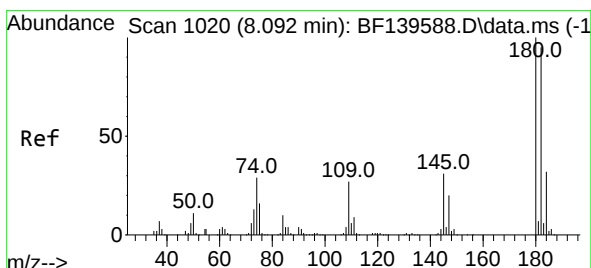
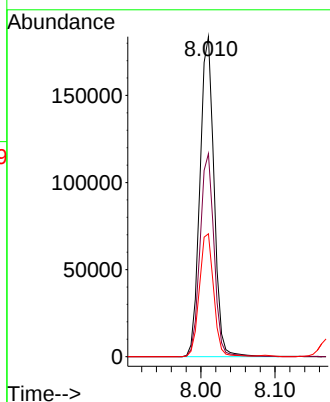
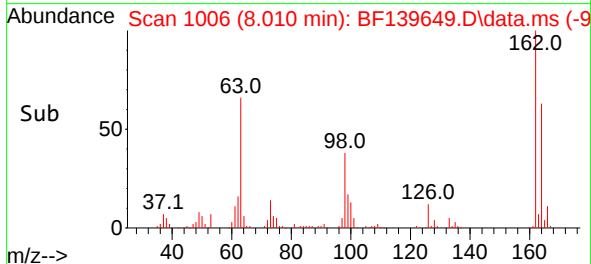
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:162 Resp: 242948
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 38.4 20.8 60.8

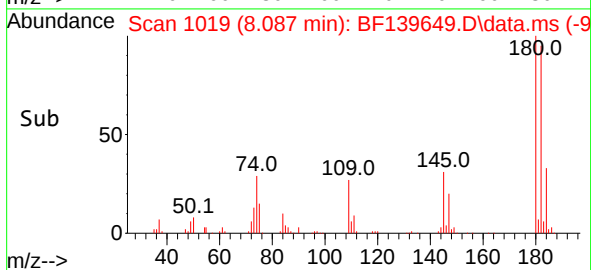
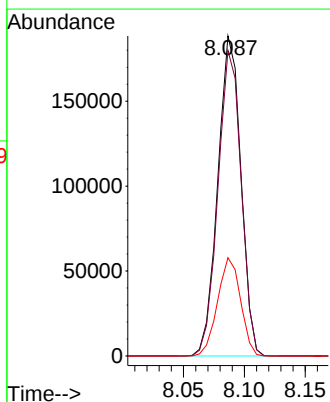
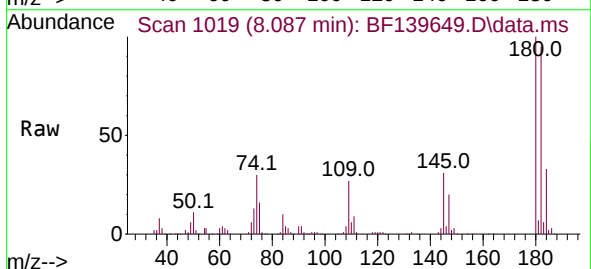
Manual Integrations
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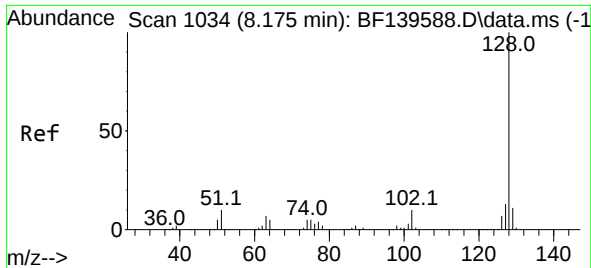
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.873 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

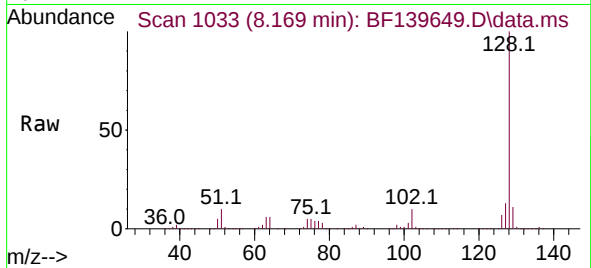
Tgt Ion:180 Resp: 248756
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 30.7 25.0 37.6





#31
Naphthalene
Concen: 47.577 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

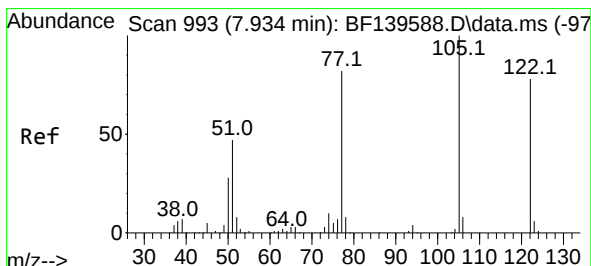
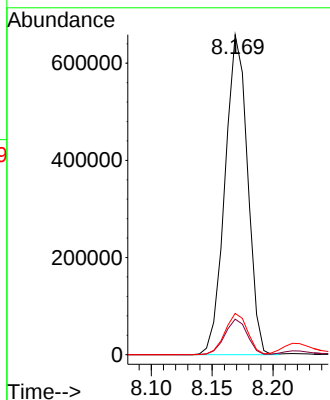
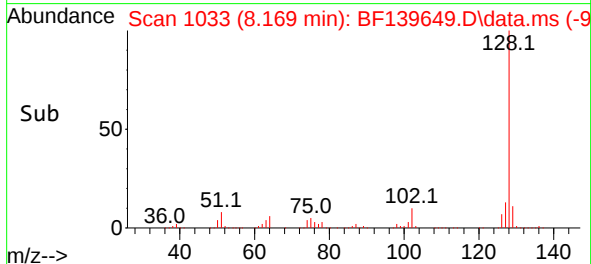
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:128 Resp: 849329
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.5 15.7

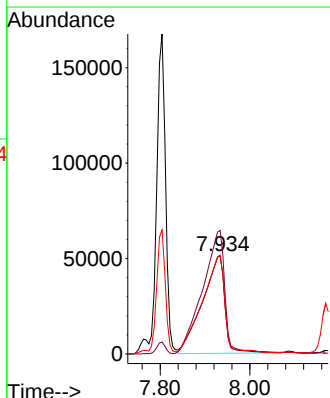
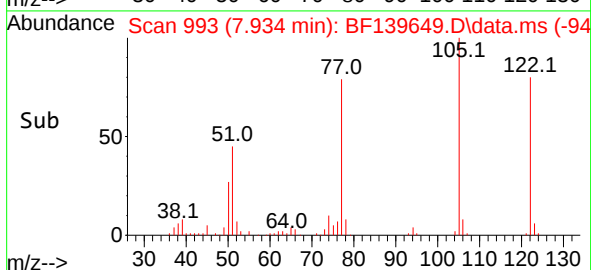
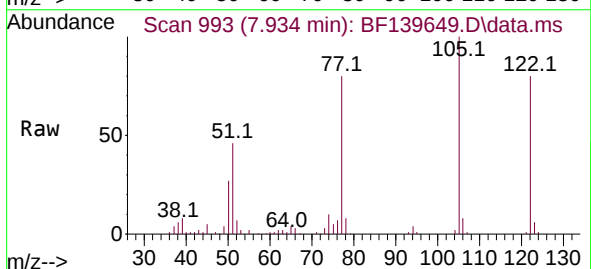
Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#32
Benzoic acid
Concen: 47.486 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:122 Resp: 177448
Ion Ratio Lower Upper
122 100
105 125.8 104.9 144.9
77 100.5 82.7 122.7





#33
4-Chloroaniline
Concen: 7.741 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

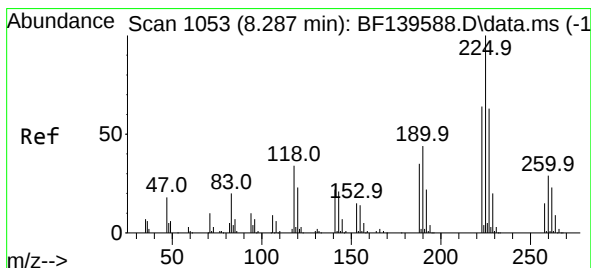
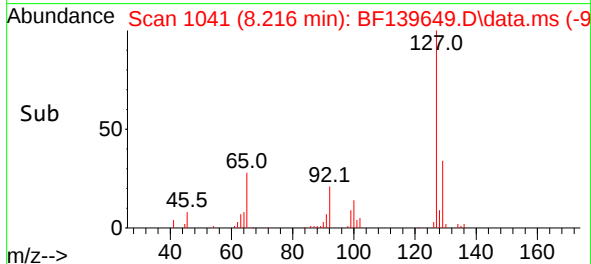
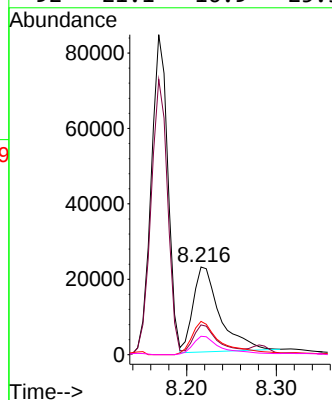
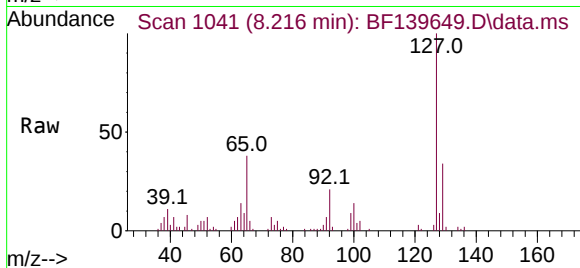
ClientSampleId :

TP-QMS

Tgt Ion:	127	Resp:	4677
Ion Ratio	Lower	Upper	
127	100		
129	34.0	26.2	39.4
65	38.0	29.3	43.9
92	21.1	16.9	25.3

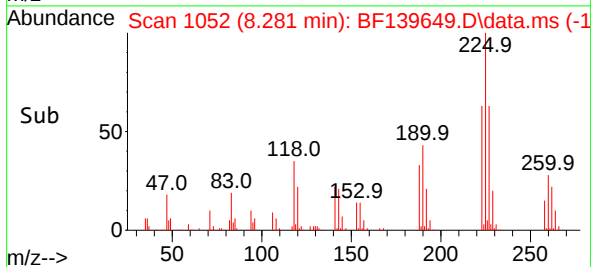
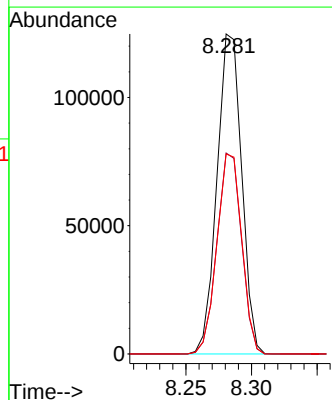
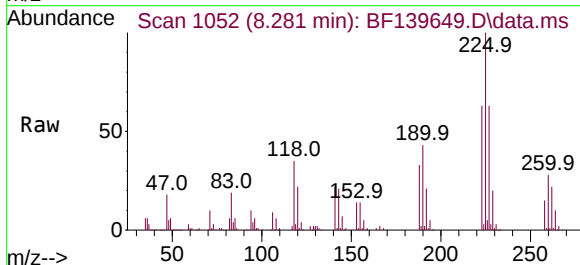
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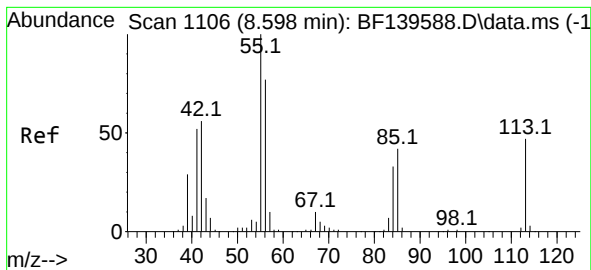
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 45.493 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:	225	Resp:	163202
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.9	76.3
227	62.5	50.7	76.1





#35

Caprolactam

Concen: 44.088 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

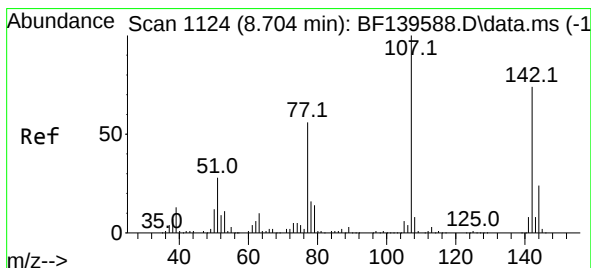
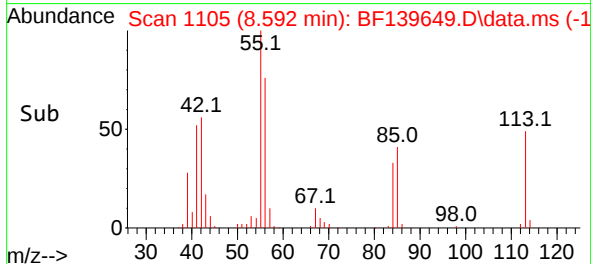
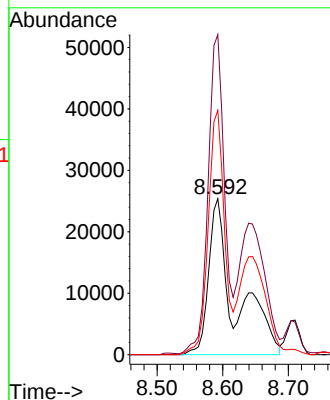
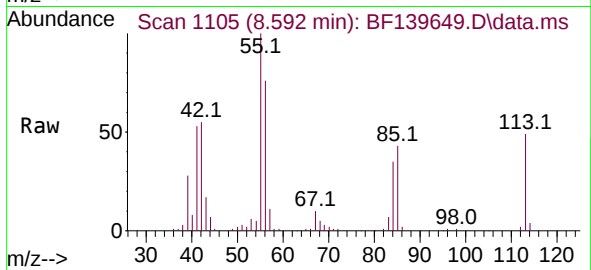
Tgt Ion:113 Resp: 70884
 Ion Ratio Lower Upper
 113 100
 55 205.1 193.4 233.4
 56 156.6 143.8 183.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#36

4-Chloro-3-methylphenol

Concen: 47.777 ng

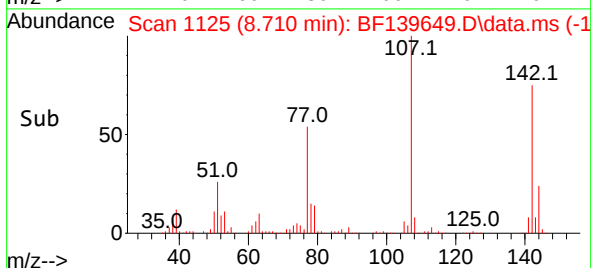
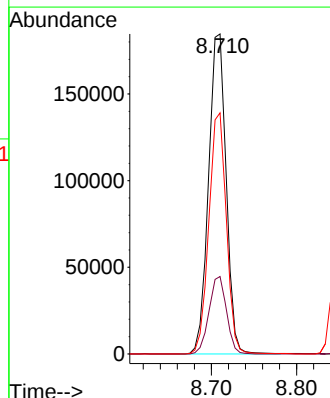
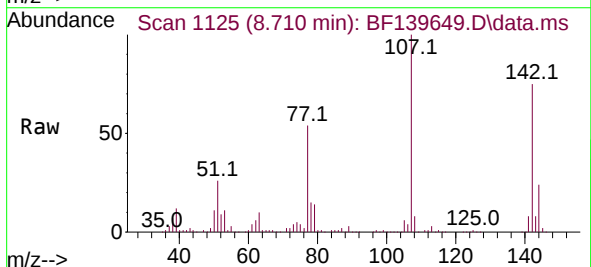
RT: 8.710 min Scan# 1125

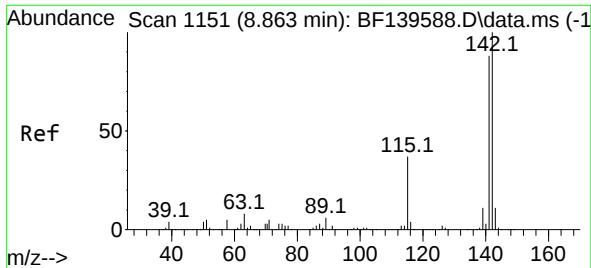
Delta R.T. 0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:107 Resp: 265111
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 75.4 59.2 88.8





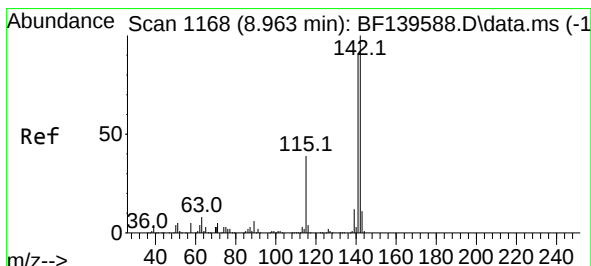
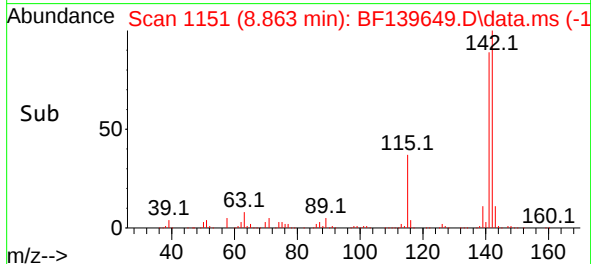
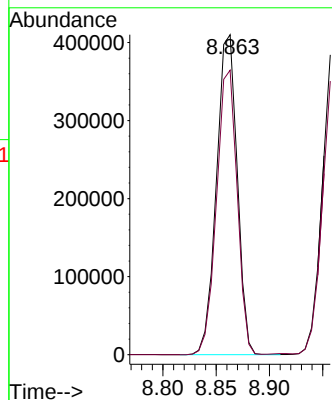
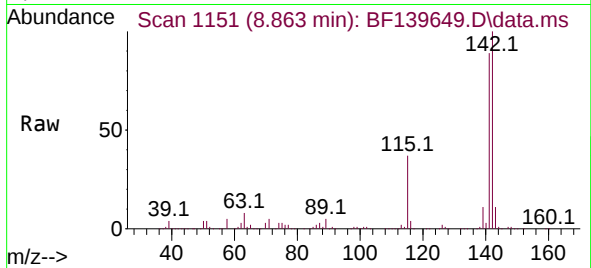
#37
2-Methylnaphthalene
Concen: 47.562 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion:142 Resp: 55298
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

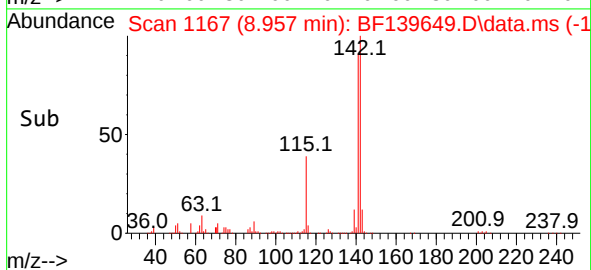
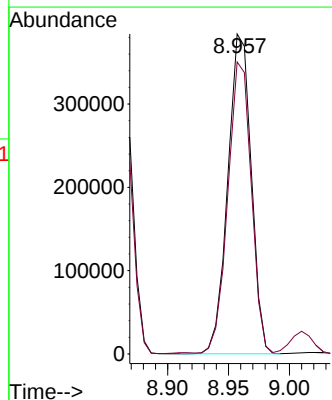
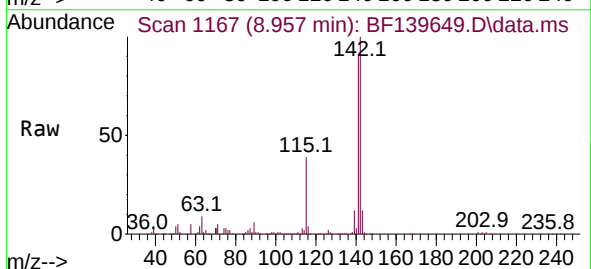
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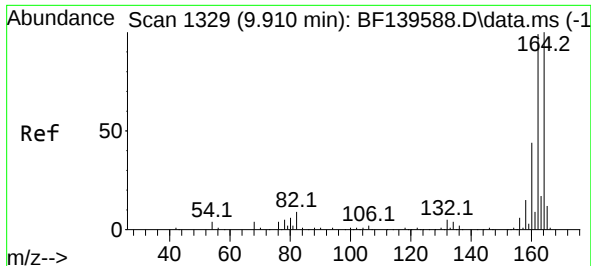
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 45.160 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:142 Resp: 513227
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11329

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

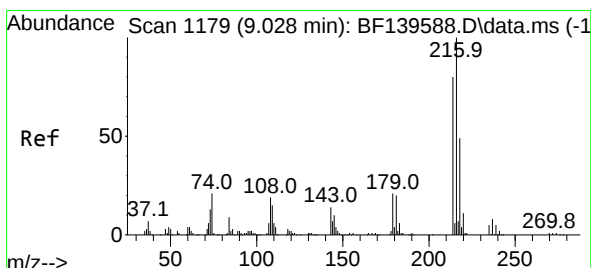
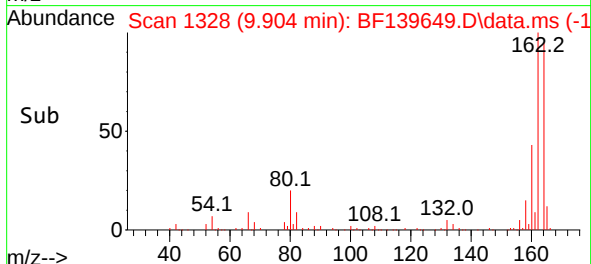
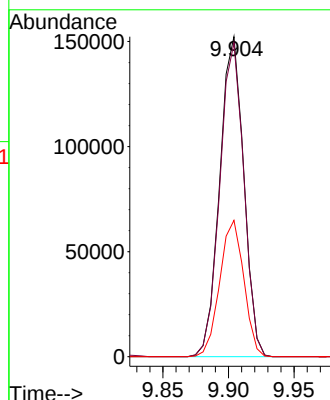
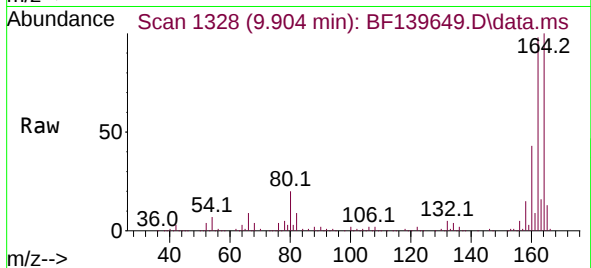
ClientSampleId :

TP-QMS

Tgt Ion:164 Resp: 193785
 Ion Ratio Lower Upper
 164 100
 162 98.1 79.4 119.0
 160 42.6 35.1 52.7

Manual Integrations
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Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.881 ng

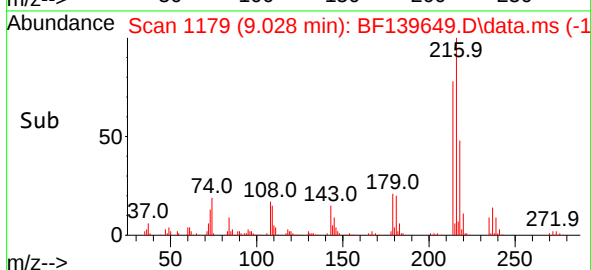
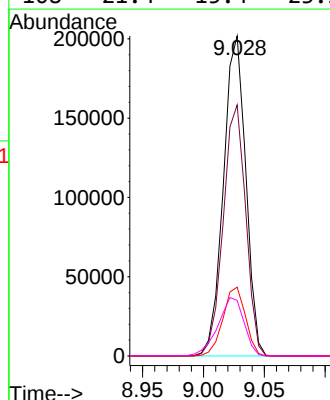
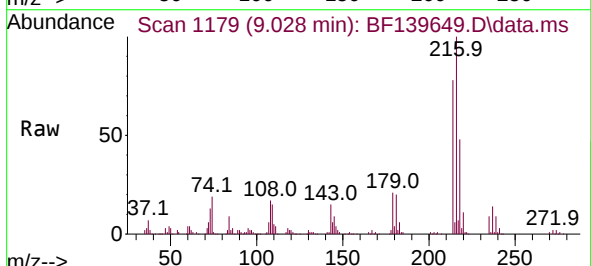
RT: 9.028 min Scan# 1179

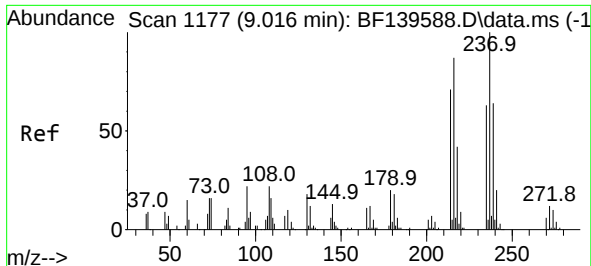
Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

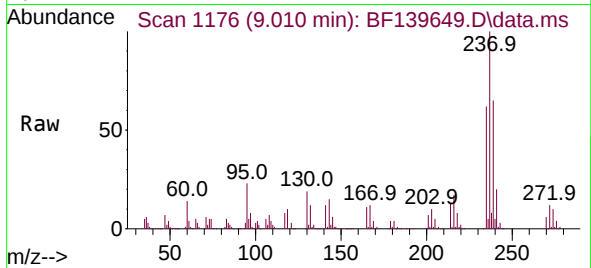
Tgt Ion:216 Resp: 257656
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.7 95.5
 179 21.7 16.9 25.3
 108 21.4 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 177.261 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

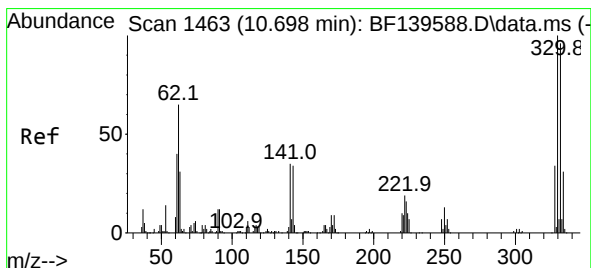
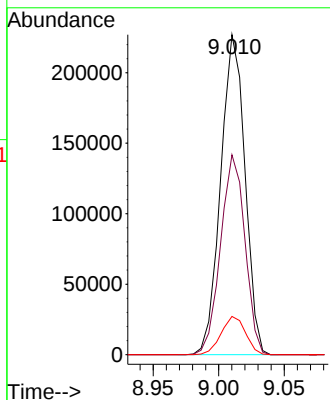
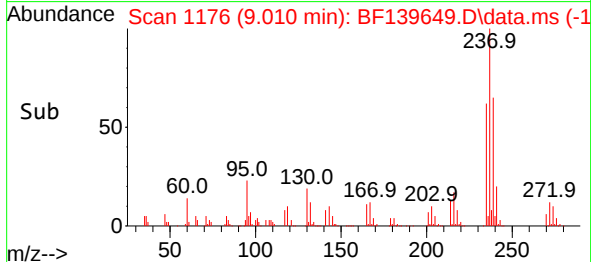
Instrument :
BNA_F
ClientSampleId :
TP-QMS



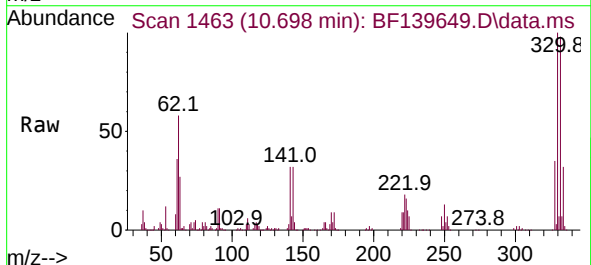
Tgt Ion:237 Resp: 29248
Ion Ratio Lower Upper
237 100
235 62.5 42.5 82.5
272 11.9 0.0 32.1

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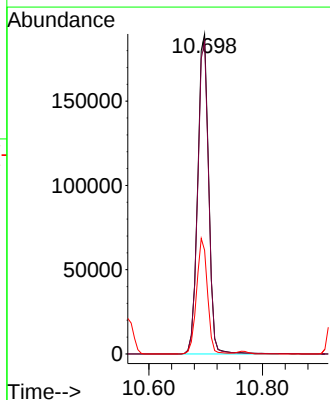
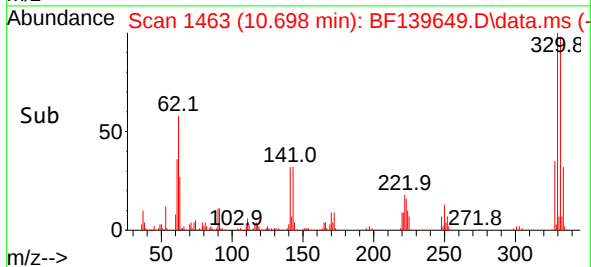
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#42
2,4,6-Tribromophenol
Concen: 136.236 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



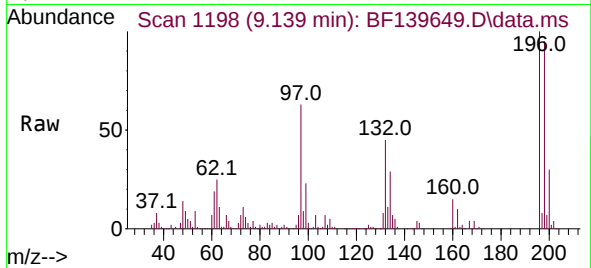
Tgt Ion:330 Resp: 254854
Ion Ratio Lower Upper
330 100
332 97.7 76.5 114.7
141 35.8 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.147 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

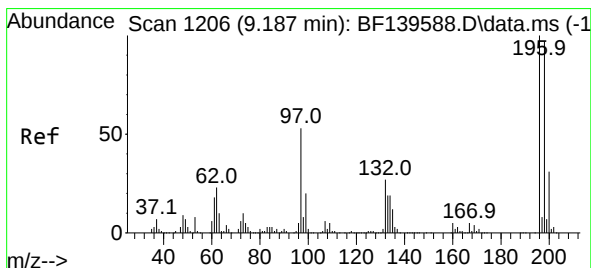
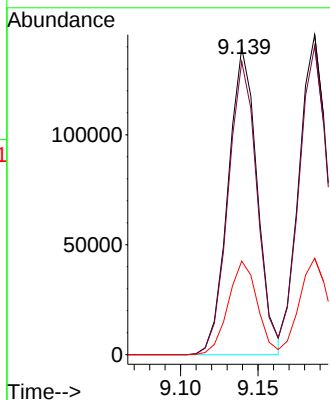
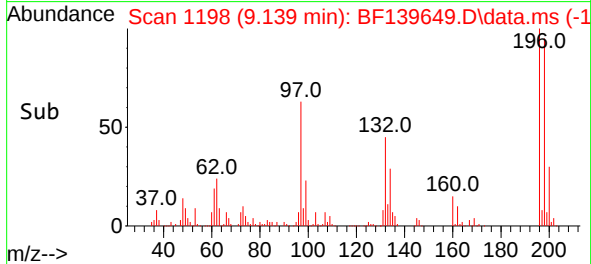
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:196 Resp: 18191
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
200 30.5 24.6 37.0

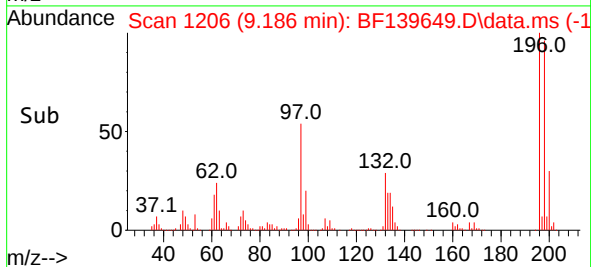
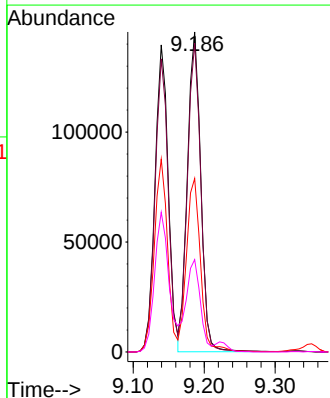
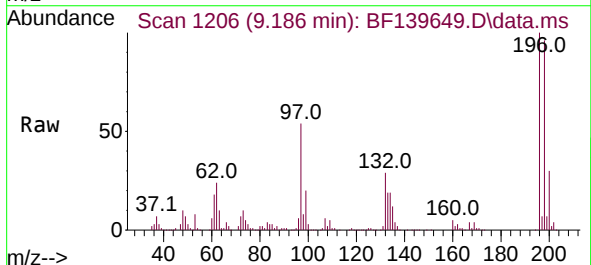
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#44
2,4,5-Trichlorophenol
Concen: 48.548 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

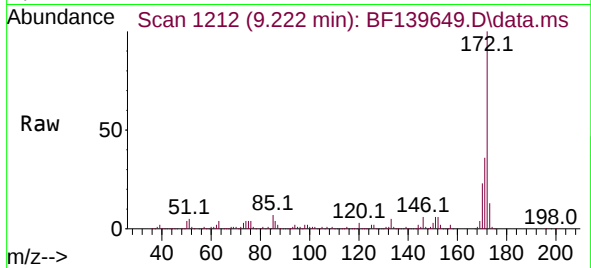
Tgt Ion:196 Resp: 189923
Ion Ratio Lower Upper
196 100
198 96.5 77.5 116.3
97 54.2 43.1 64.7
132 28.8 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 92.727 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

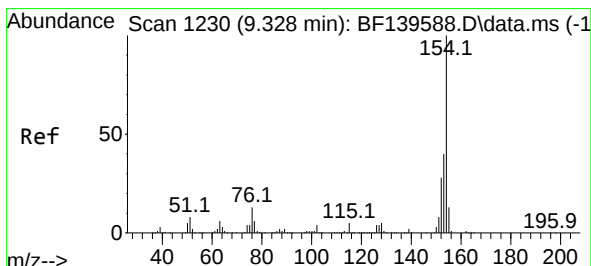
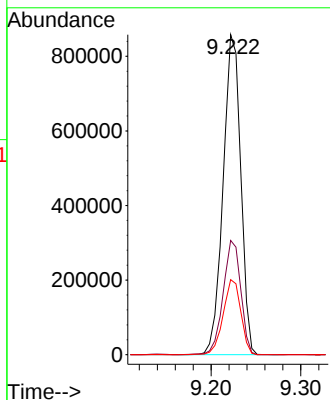
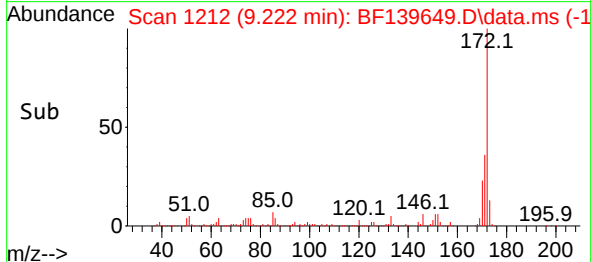
Instrument :
BNA_F
ClientSampleId :
TP-QMS



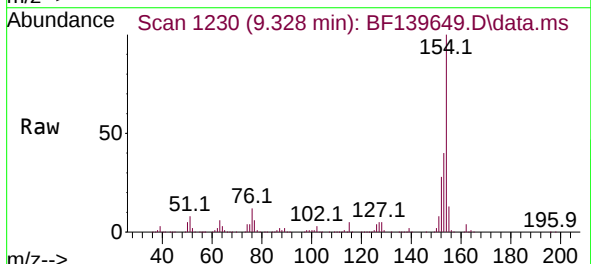
Tgt Ion:172 Resp: 117048
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 18.8 28.2

Manual Integrations
APPROVED

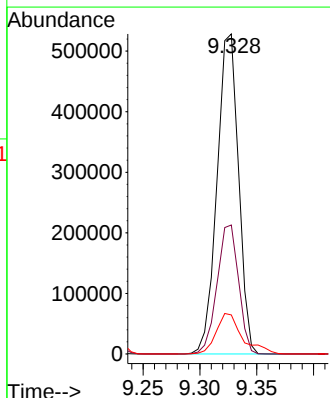
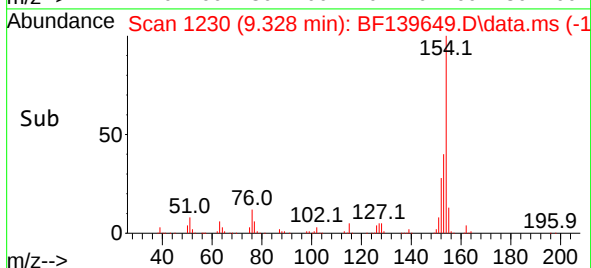
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#46
1,1'-Biphenyl
Concen: 48.338 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



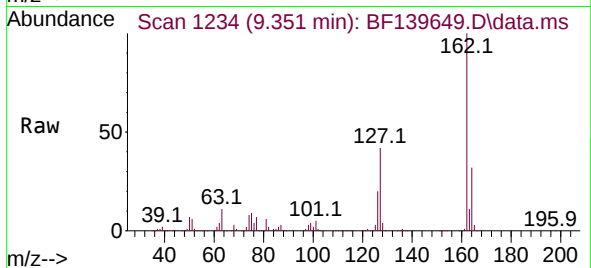
Tgt Ion:154 Resp: 696707
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 12.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.161 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

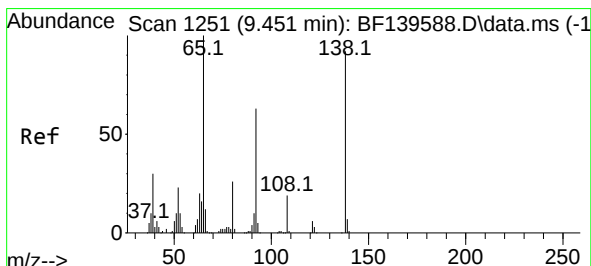
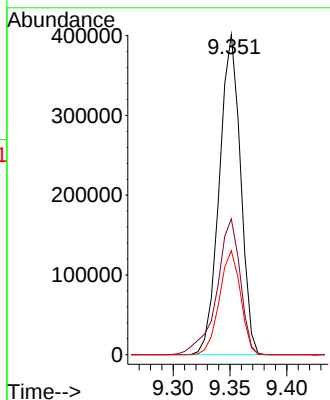
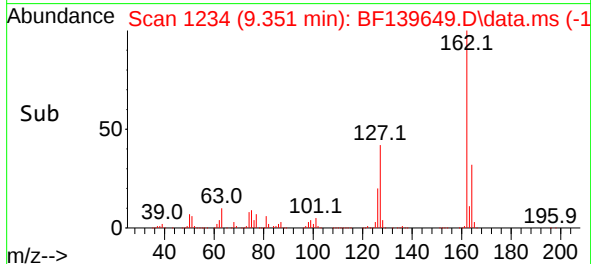
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:162 Resp: 520390
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.5 26.1 39.1

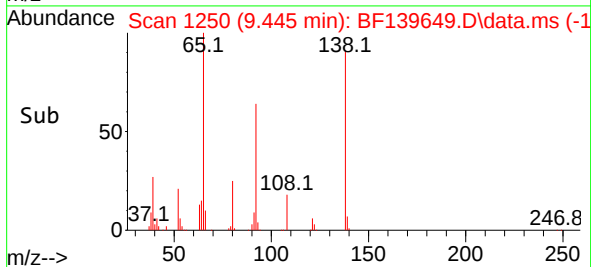
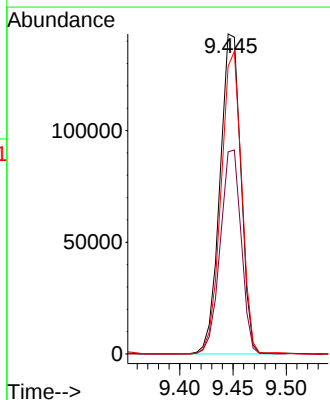
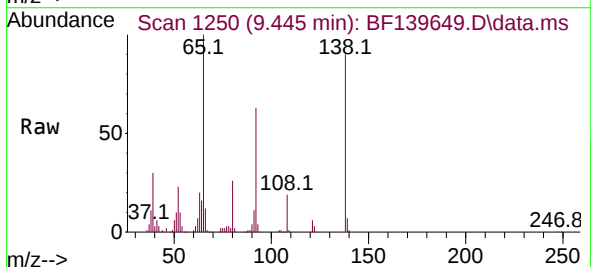
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#48
2-Nitroaniline
Concen: 50.407 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

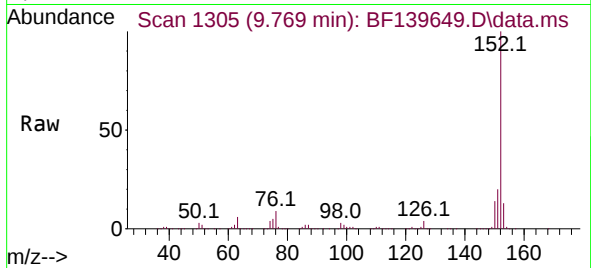
Tgt Ion: 65 Resp: 195514
Ion Ratio Lower Upper
65 100
92 63.2 50.0 75.0
138 89.9 73.8 110.8





#49
Acenaphthylene
Concen: 52.354 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

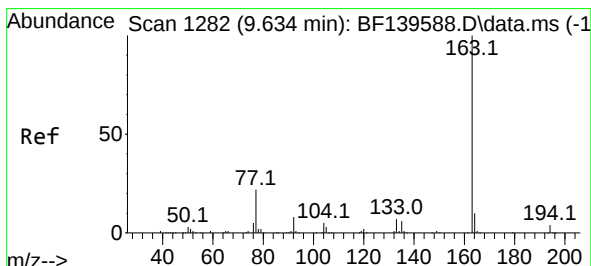
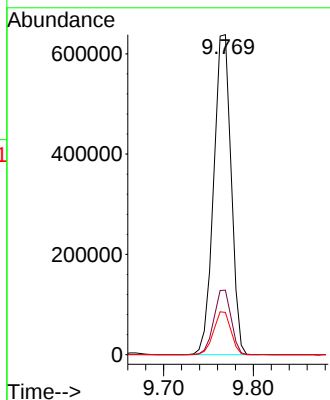
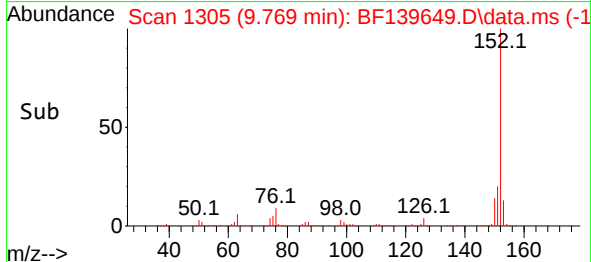
Instrument :
BNA_F
ClientSampleId :
TP-QMS



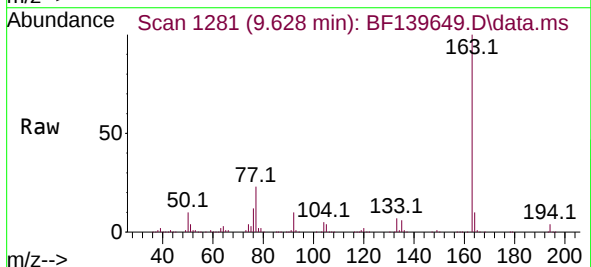
Tgt Ion:152 Resp: 860290
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations
APPROVED

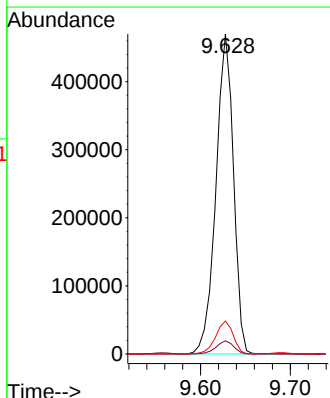
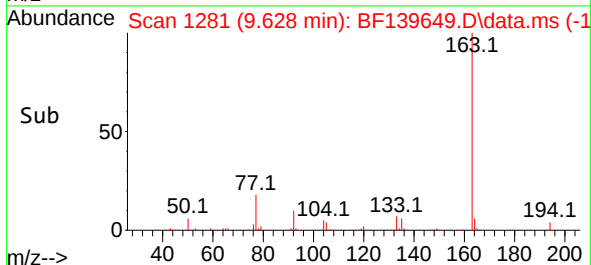
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#50
Dimethylphthalate
Concen: 50.232 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



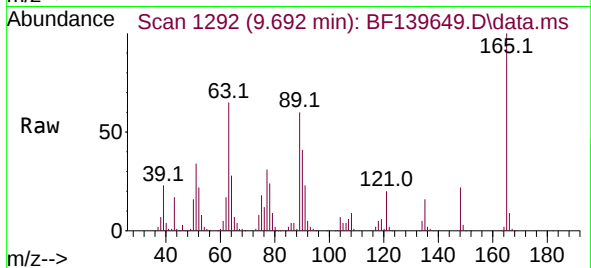
Tgt Ion:163 Resp: 637211
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.560 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

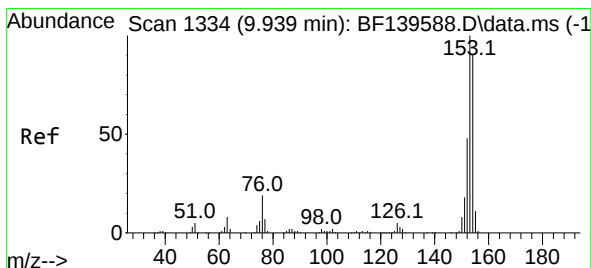
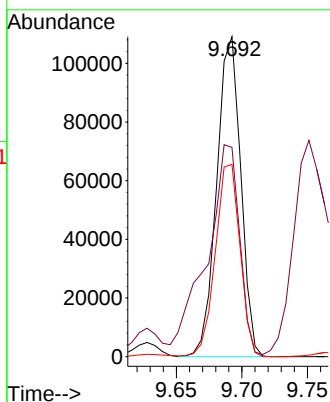
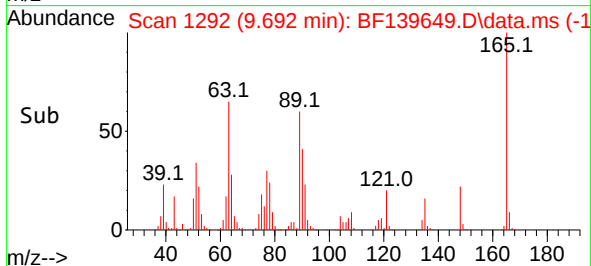
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:165 Resp: 13915
Ion Ratio Lower Upper
165 100
63 65.4 56.7 85.1
89 60.1 51.6 77.4

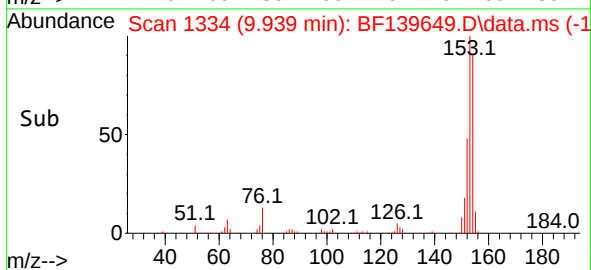
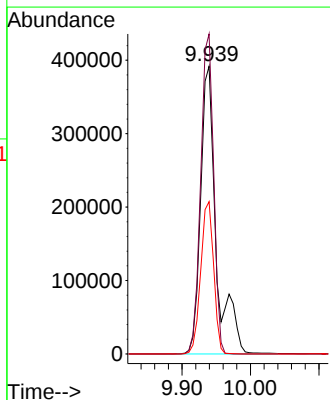
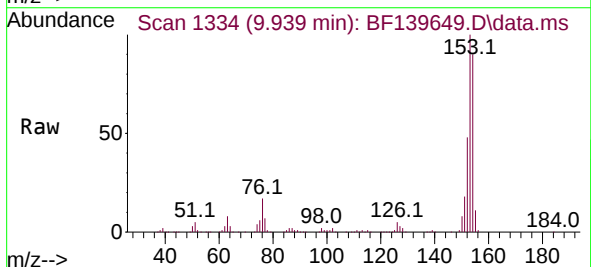
Manual Integrations
APPROVED

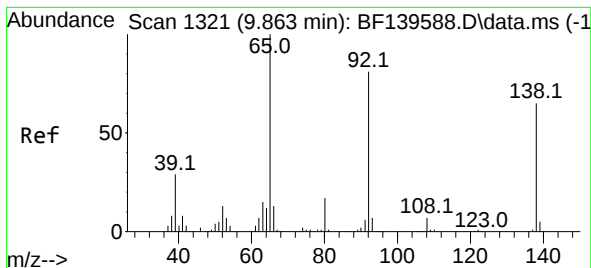
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#52
Acenaphthene
Concen: 55.228 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:154 Resp: 623007
Ion Ratio Lower Upper
154 100
153 111.2 88.8 133.2
152 52.9 42.5 63.7





#53

3-Nitroaniline

Concen: 18.818 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

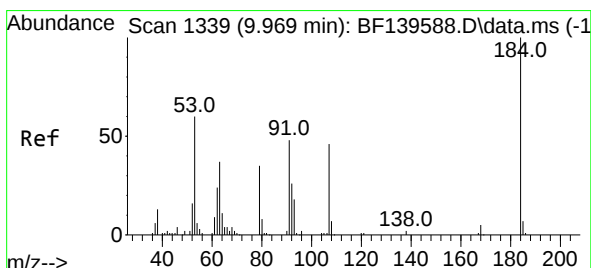
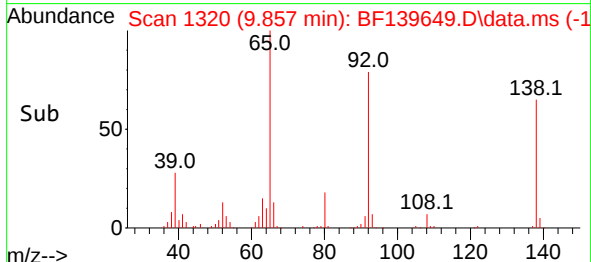
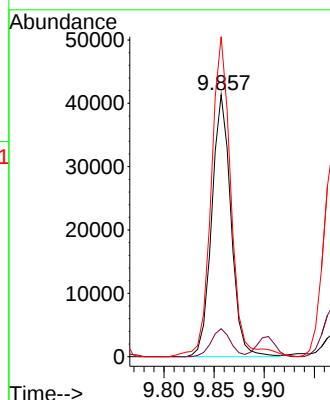
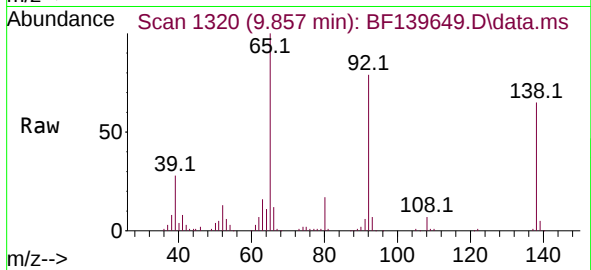
Tgt Ion:138	Resp:	5510
Ion Ratio	Lower	Upper
138	100	
108	10.7	8.8 13.2
92	122.1	100.0 150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#54

2,4-Dinitrophenol

Concen: 111.669 ng

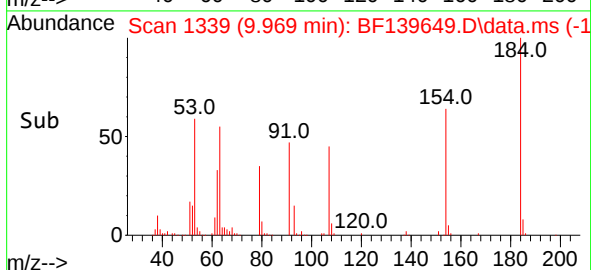
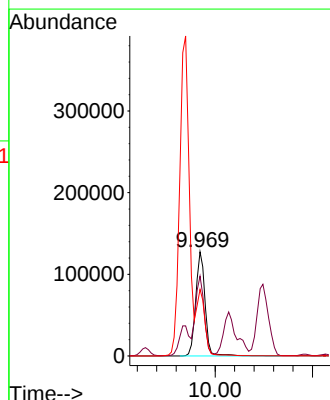
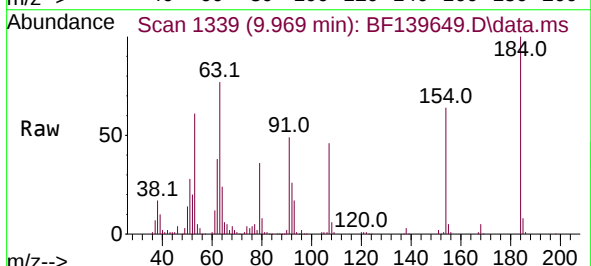
RT: 9.969 min Scan# 1339

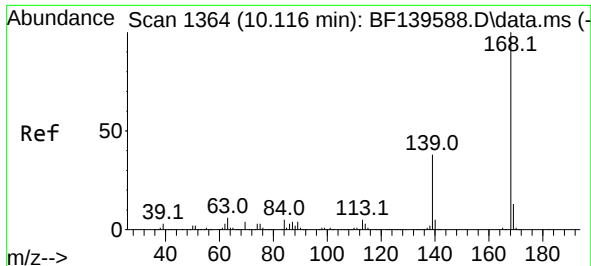
Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:184	Resp:	172113
Ion Ratio	Lower	Upper
184	100	
63	76.6	61.7 92.5
154	63.9	53.0 79.4





#55

Dibenzenofuran

Concen: 49.088 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:168 Resp: 775310

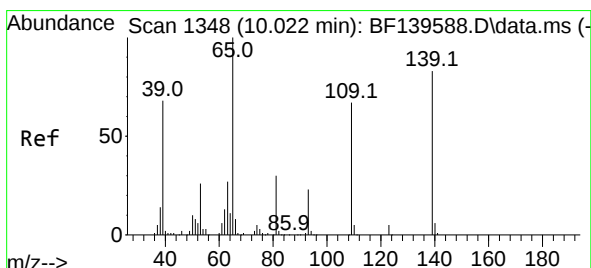
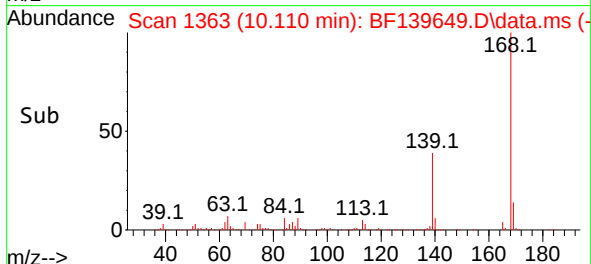
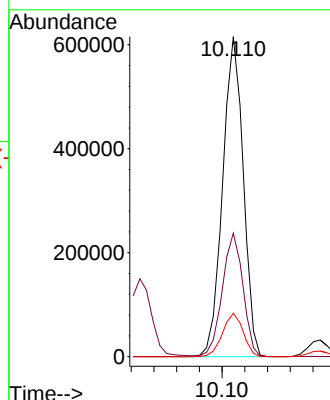
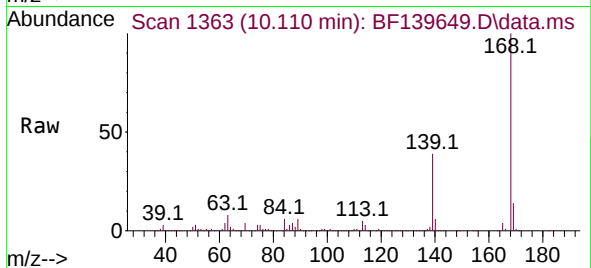
Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.4	45.6
169	13.6	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#56

4-Nitrophenol

Concen: 93.801 ng

RT: 10.028 min Scan# 1349

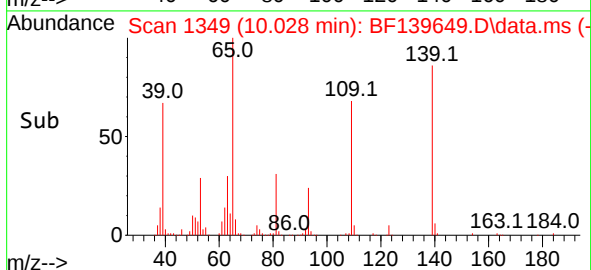
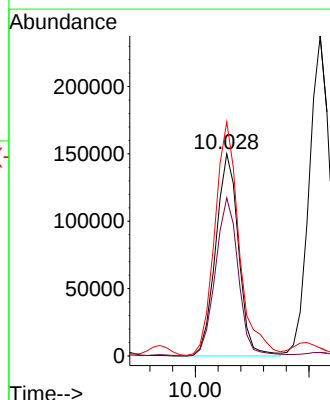
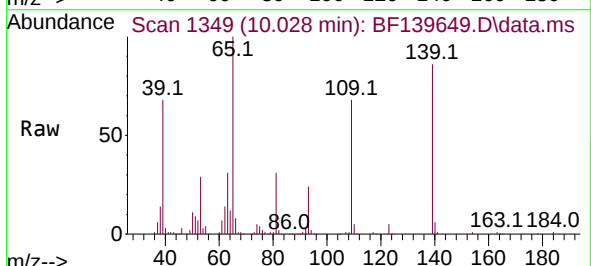
Delta R.T. 0.006 min

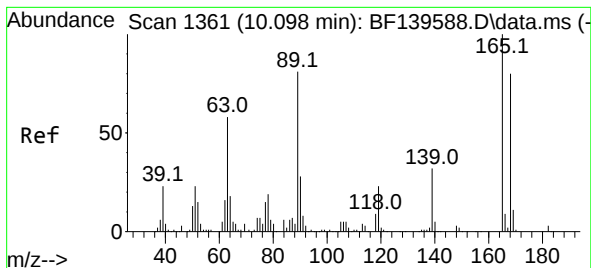
Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:139 Resp: 209469

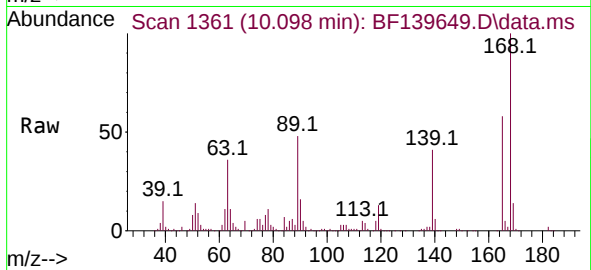
Ion	Ratio	Lower	Upper
139	100		
109	78.2	60.3	100.3
65	115.8	100.8	140.8





#57
2,4-Dinitrotoluene
Concen: 49.934 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

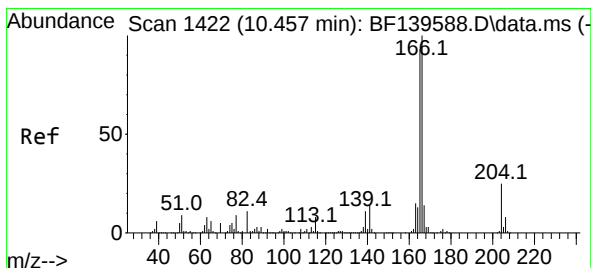
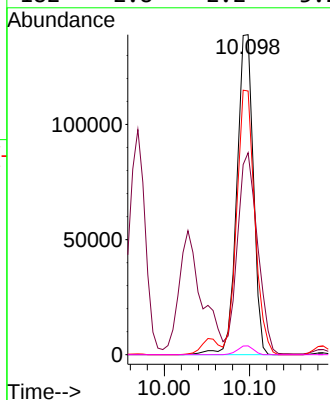
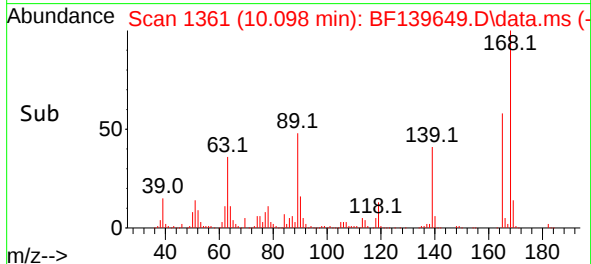
Instrument :
BNA_F
ClientSampleId :
TP-QMS



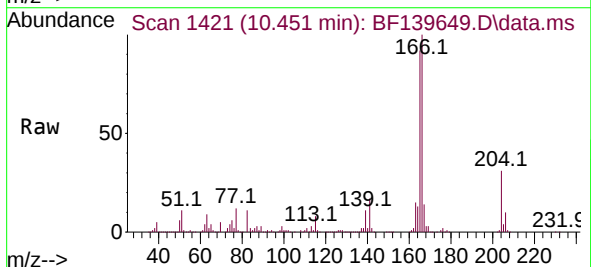
Tgt Ion:165 Resp: 187030
Ion Ratio Lower Upper
165 100
63 63.1 46.9 70.3
89 82.4 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations
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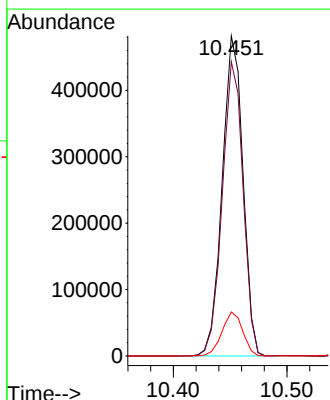
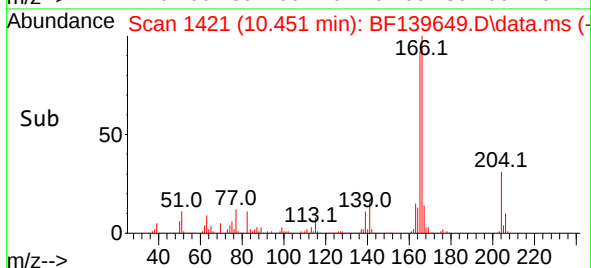
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#58
Fluorene
Concen: 48.617 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



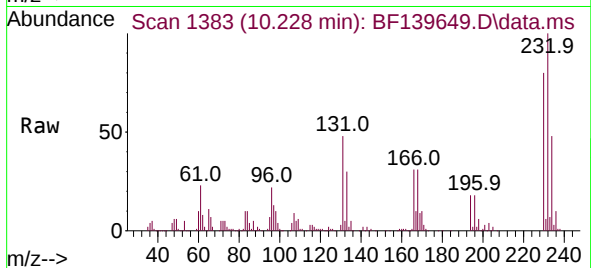
Tgt Ion:166 Resp: 611604
Ion Ratio Lower Upper
166 100
165 91.9 74.4 111.6
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.467 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

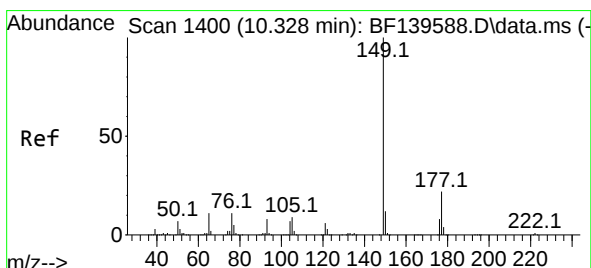
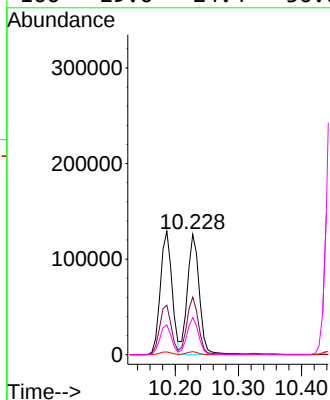
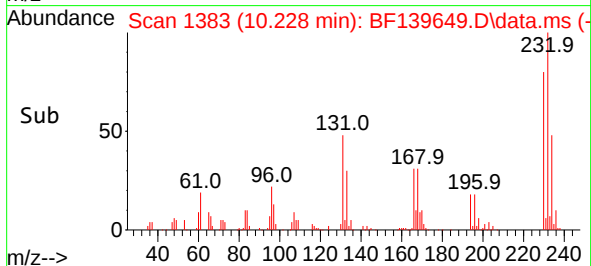
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:232 Resp: 165780
Ion Ratio Lower Upper
232 100
131 46.9 37.8 56.6
130 2.4 1.9 2.9
166 29.6 24.4 36.6

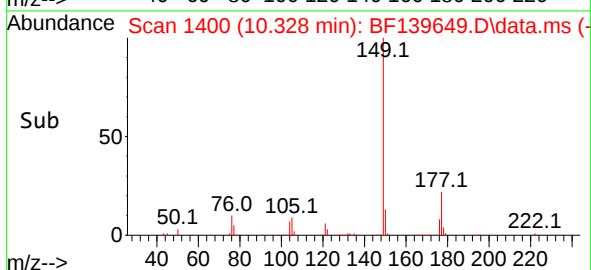
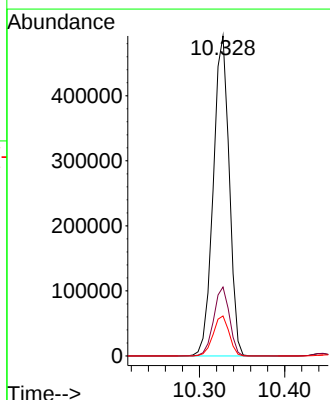
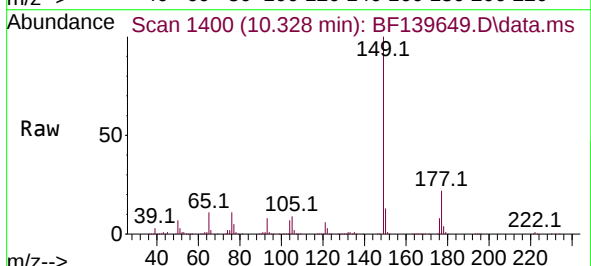
Manual Integrations
APPROVED

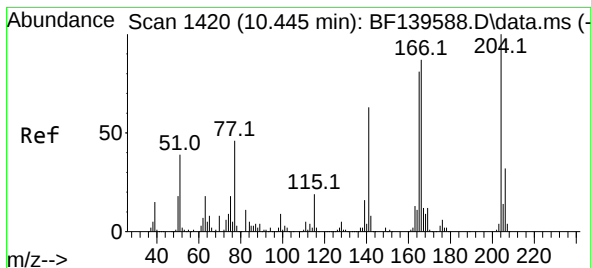
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#60
Diethylphthalate
Concen: 48.731 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

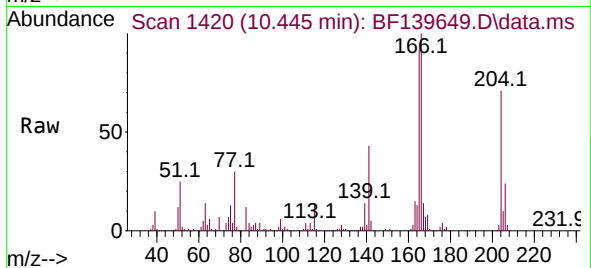
Tgt Ion:149 Resp: 638499
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.339 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

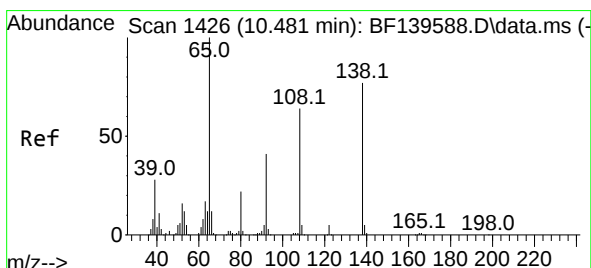
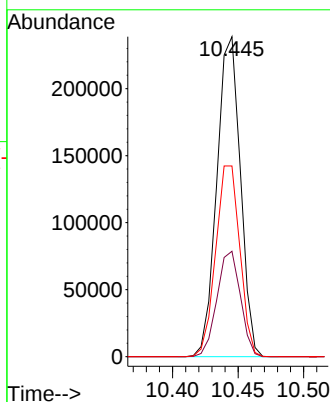
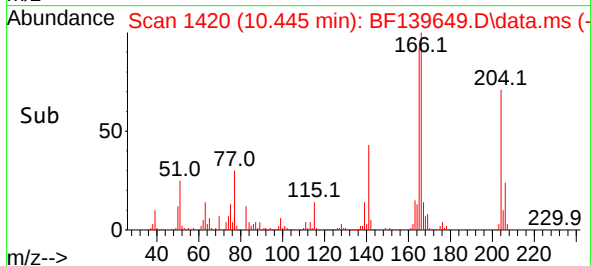
Instrument :
BNA_F
ClientSampleId :
TP-QMS



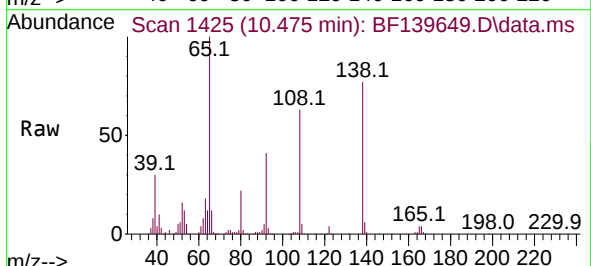
Tgt Ion:204 Resp: 29793
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 59.6 50.5 75.7

Manual Integrations
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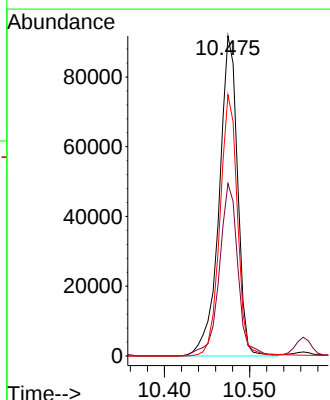
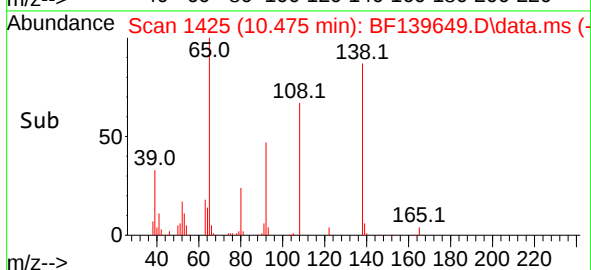
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

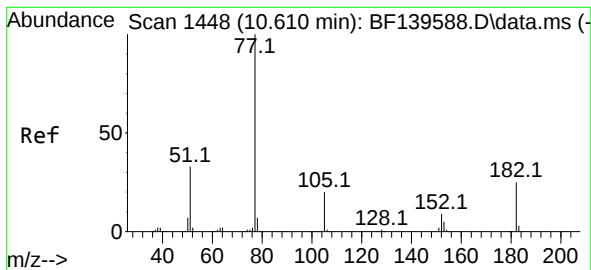


#62
4-Nitroaniline
Concen: 46.136 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



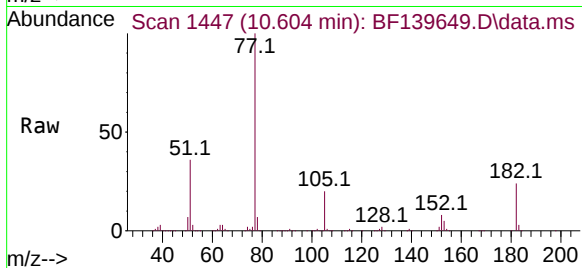
Tgt Ion:138 Resp: 138193
Ion Ratio Lower Upper
138 100
92 53.9 33.3 73.3
108 81.6 62.1 102.1





#63
Azobenzene
Concen: 49.092 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

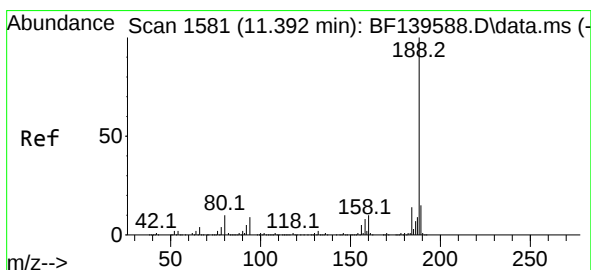
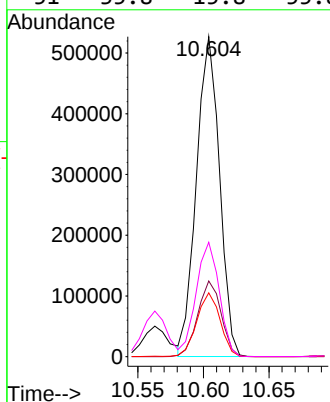
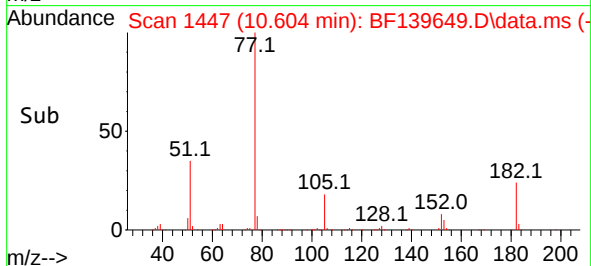
Instrument :
BNA_F
Client SampleId :
TP-QMS



Tgt Ion: 77 Resp: 646874
Ion Ratio Lower Upper
77 100
182 23.6 4.2 44.2
105 20.0 0.0 39.6
51 35.8 15.8 55.8

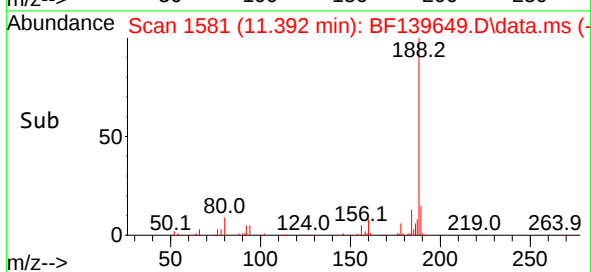
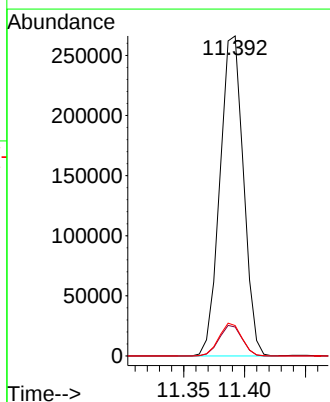
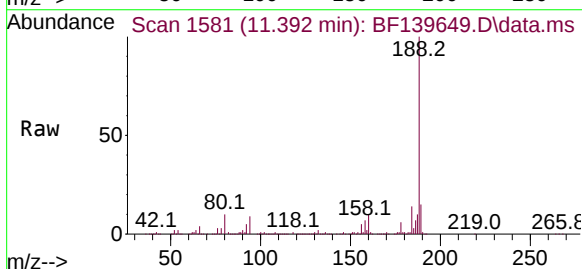
Manual Integrations
APPROVED

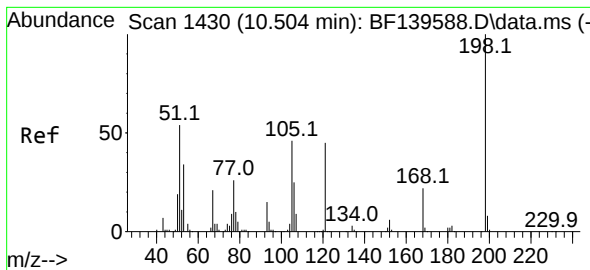
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:188 Resp: 357779
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 8.2 12.2





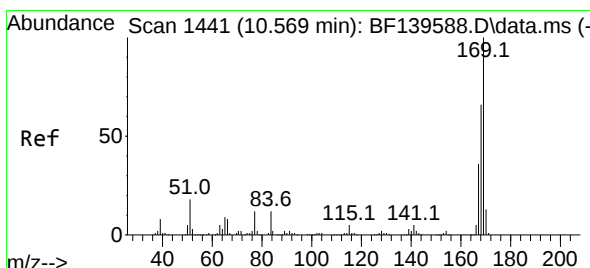
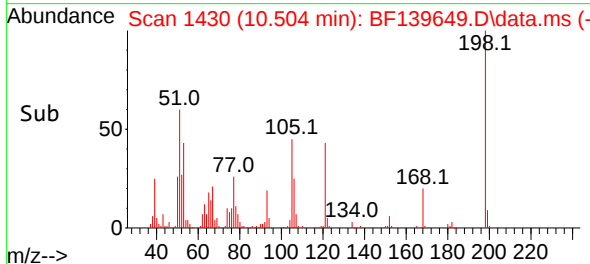
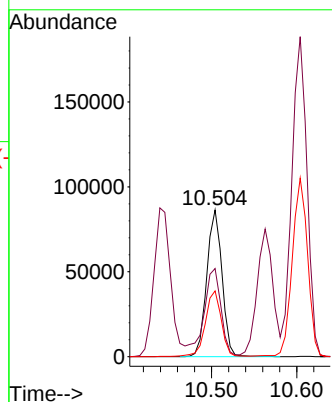
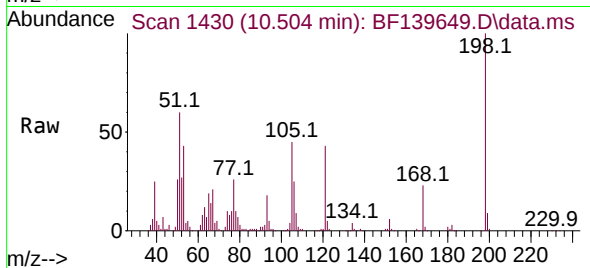
#65
4,6-Dinitro-2-methylphenol
Concen: 53.166 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Instrument :
BNA_F
ClientSampleId :
TP-QMS

Tgt Ion:198 Resp: 107431
Ion Ratio Lower Upper
198 100
51 60.1 43.0 83.0
105 44.8 26.6 66.6

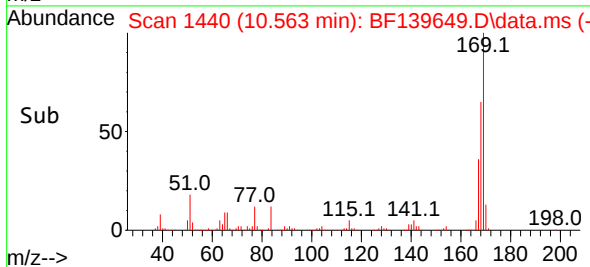
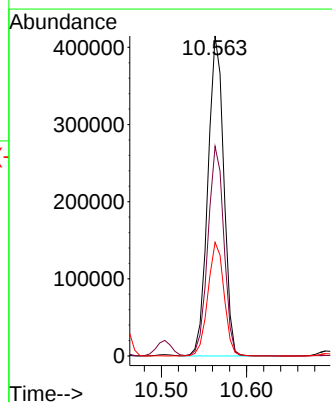
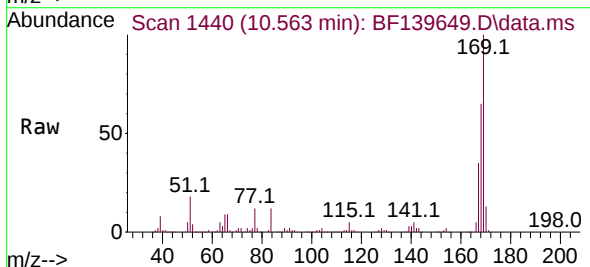
Manual Integrations
APPROVED

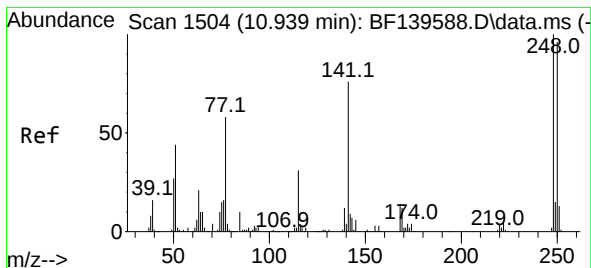
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 50.782 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

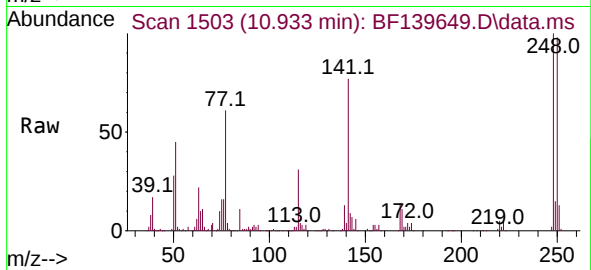
Tgt Ion:169 Resp: 535543
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 35.5 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.577 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

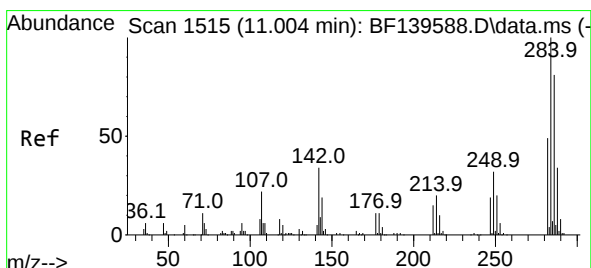
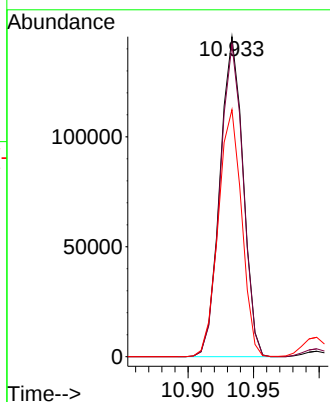
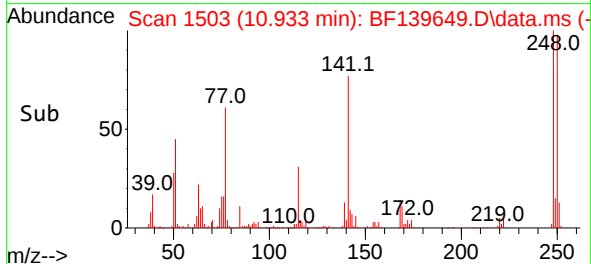
Instrument :
BNA_F
ClientSampleId :
TP-QMS



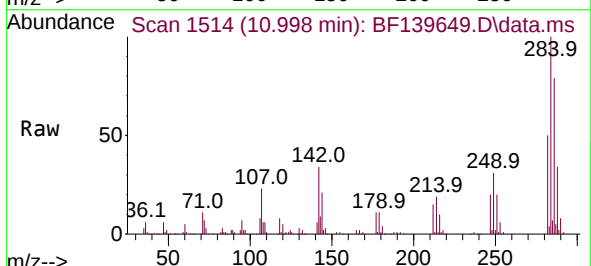
Tgt Ion:248 Resp: 17819
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 77.2 60.4 90.6

Manual Integrations
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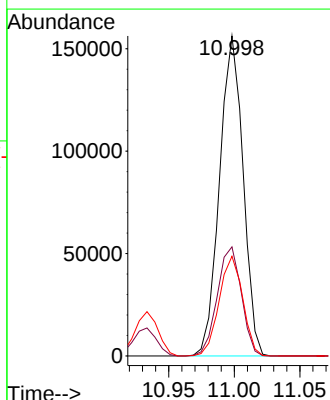
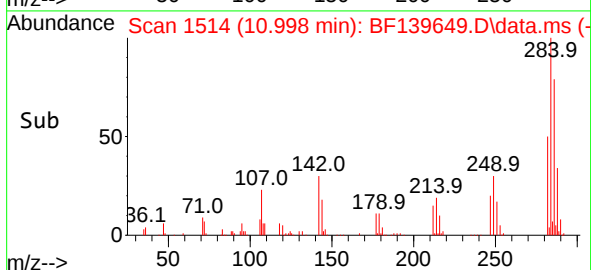
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#68
Hexachlorobenzene
Concen: 47.911 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



Tgt Ion:284 Resp: 195023
Ion Ratio Lower Upper
284 100
142 34.1 26.9 40.3
249 31.2 25.4 38.0





#69

Atrazine

Concen: 56.247 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

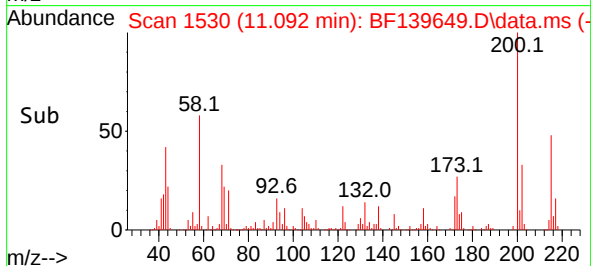
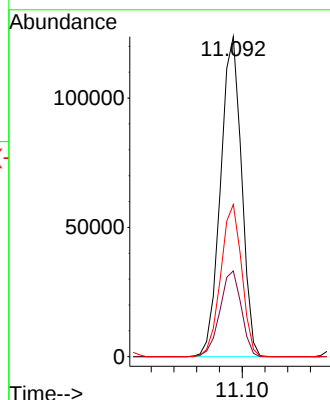
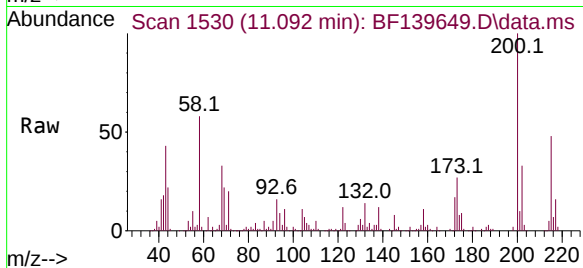
Tgt Ion:200 Resp: 159152
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.7 46.7
 215 47.5 27.5 67.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#70

Pentachlorophenol

Concen: 102.337 ng

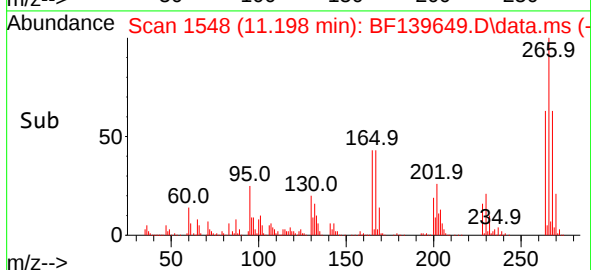
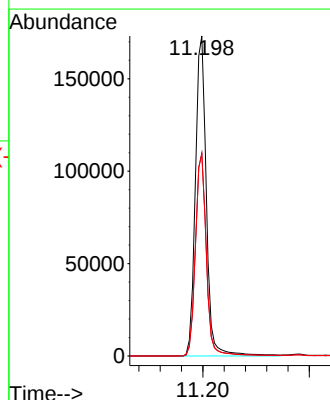
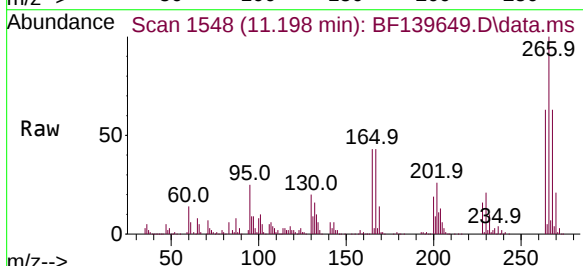
RT: 11.198 min Scan# 1548

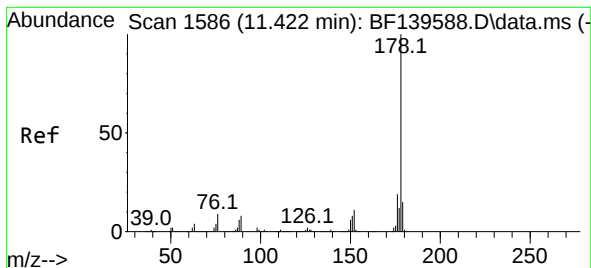
Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:266 Resp: 248044
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.0 75.0
 264 63.0 49.3 73.9





#71

Phenanthrene

Concen: 50.755 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

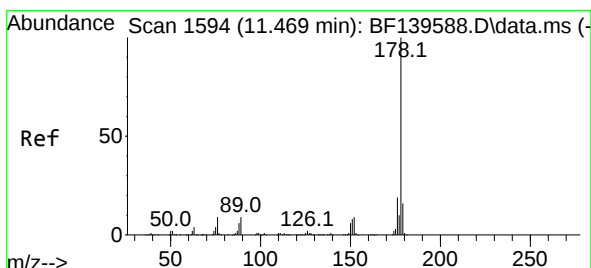
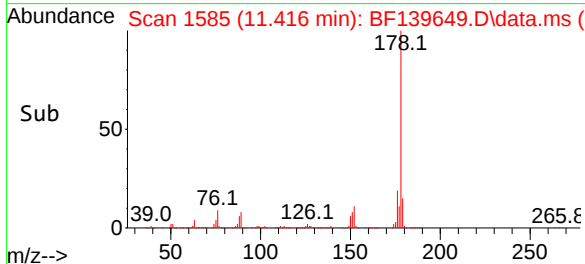
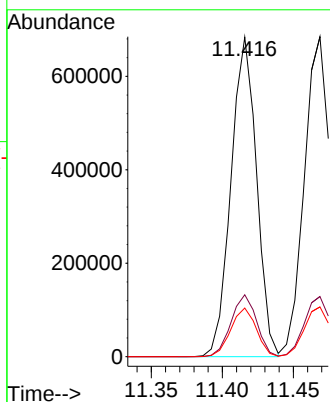
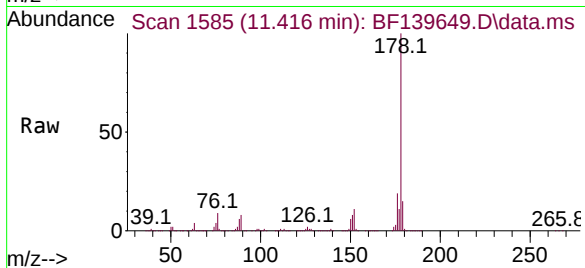
Tgt Ion:178	Resp: 856219
Ion Ratio	Lower Upper
178	100
176	19.4 15.5 23.3
179	15.2 12.3 18.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#72

Anthracene

Concen: 52.408 ng

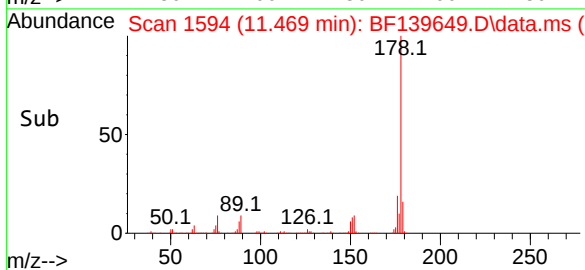
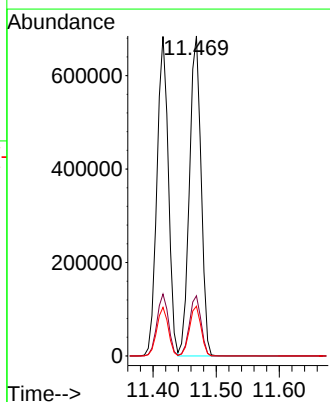
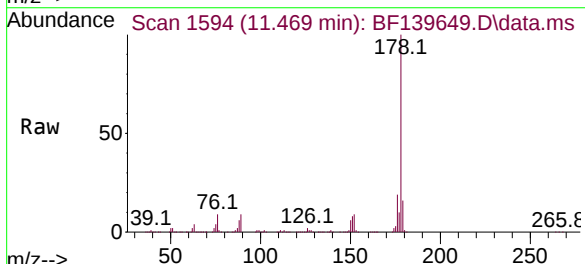
RT: 11.469 min Scan# 1594

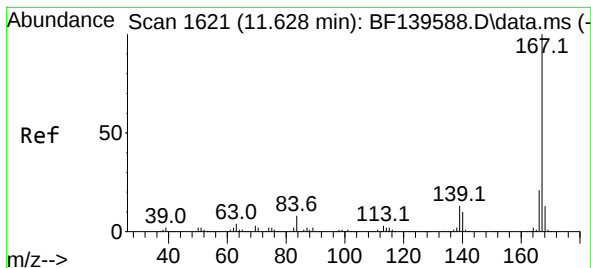
Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:178	Resp: 874643
Ion Ratio	Lower Upper
178	100
176	18.8 15.1 22.7
179	15.6 12.5 18.7





#73

Carbazole

Concen: 49.763 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:167 Resp: 797649

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

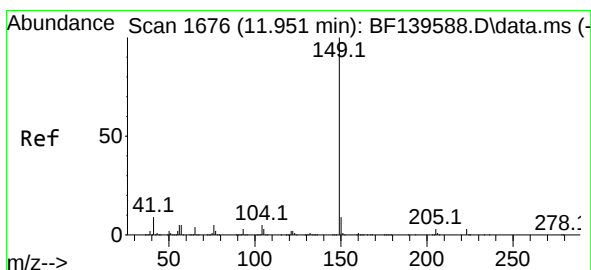
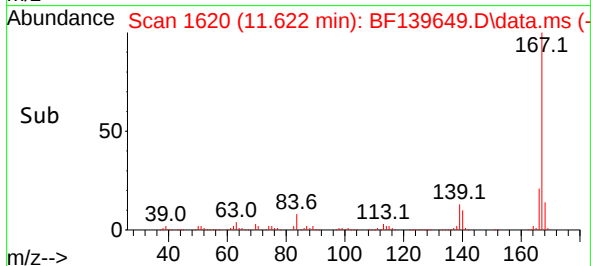
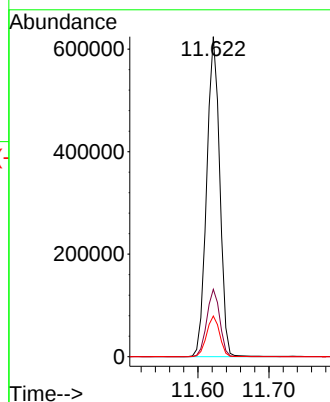
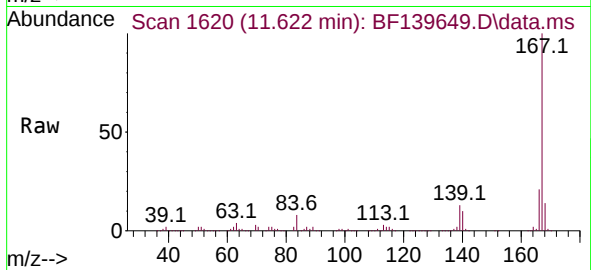
139 12.7 10.3 15.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#74

Di-n-butylphthalate

Concen: 50.259 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

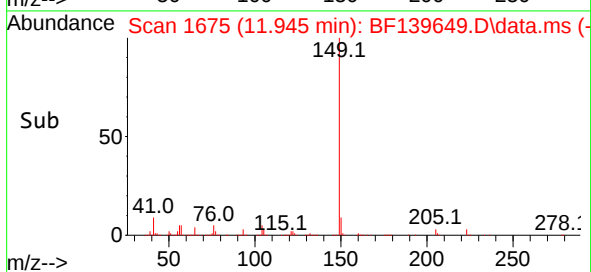
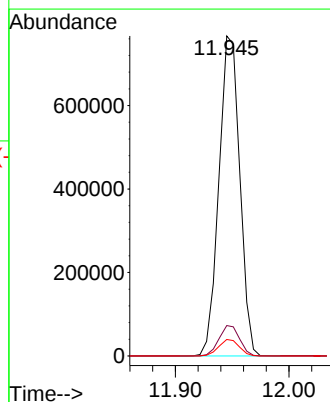
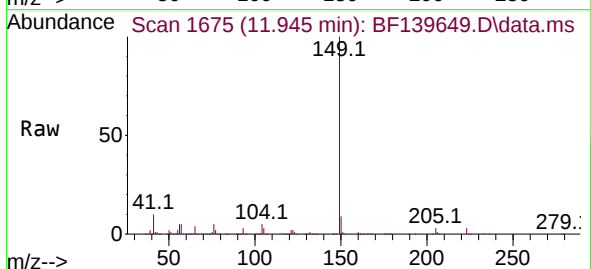
Tgt Ion:149 Resp: 979641

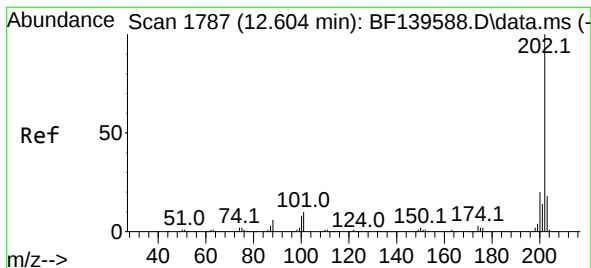
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 47.347 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:202 Resp: 873130

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

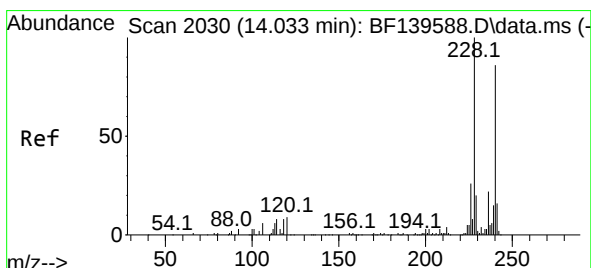
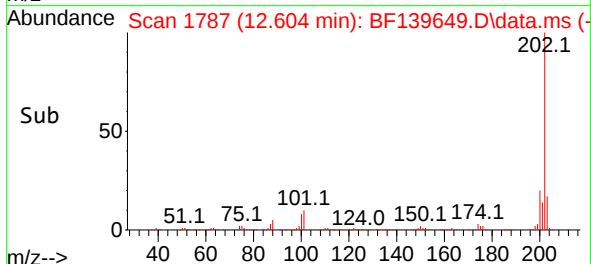
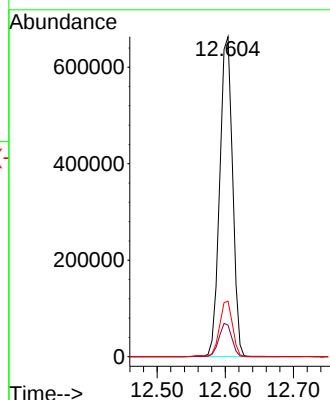
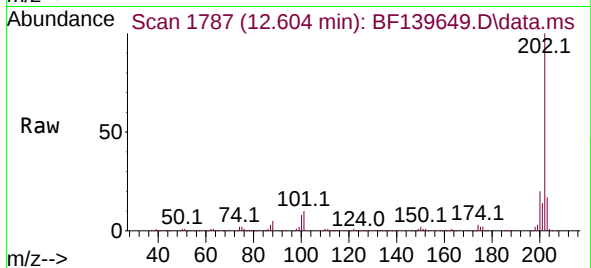
203 17.4 0.0 37.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/05/2024

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: BF139649.D

Acq: 04 Oct 2024 11:19

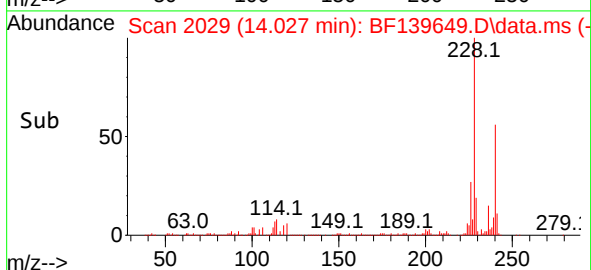
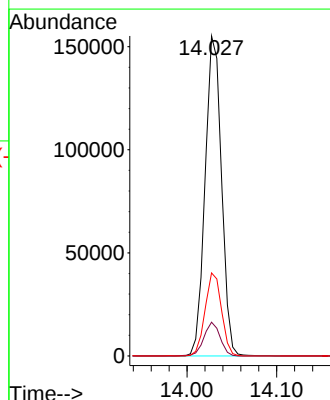
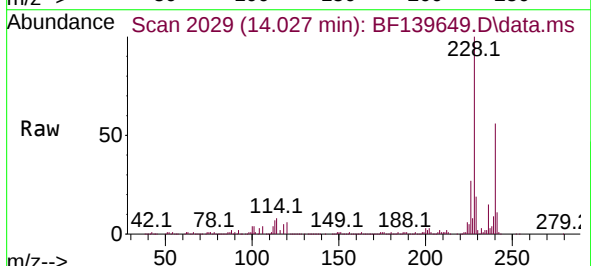
Tgt Ion:240 Resp: 197147

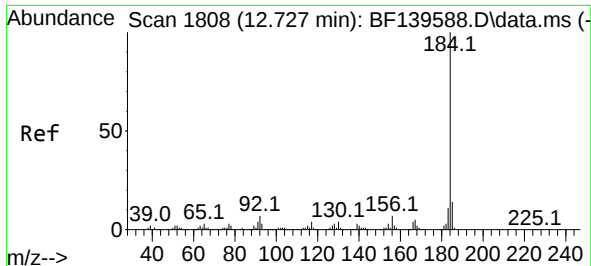
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

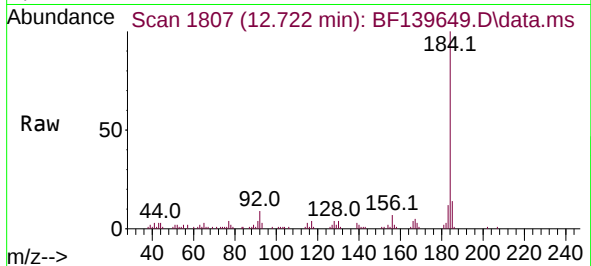
236 25.9 20.3 30.5





#77
Benzidine
Concen: 14.112 ng
RT: 12.722 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

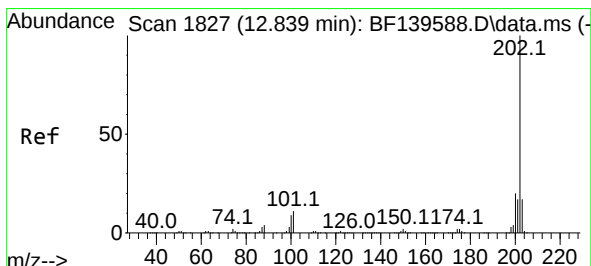
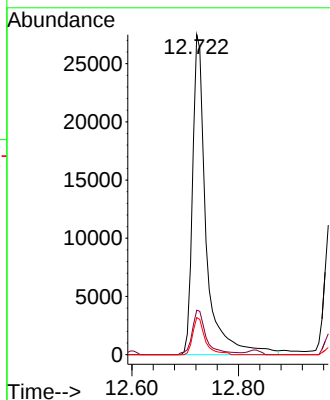
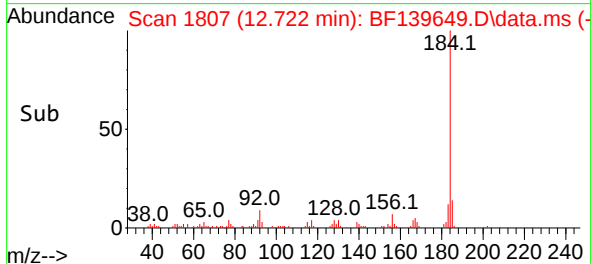
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:184 Resp: 4907
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.6 8.8 13.2

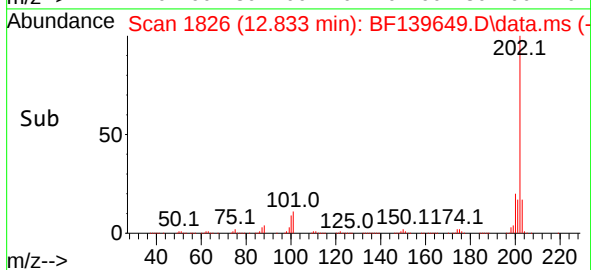
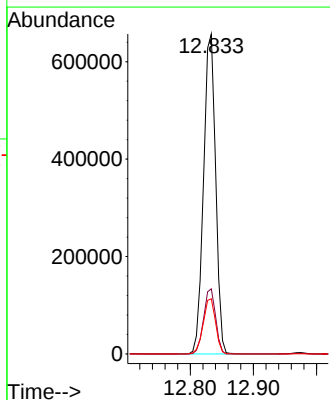
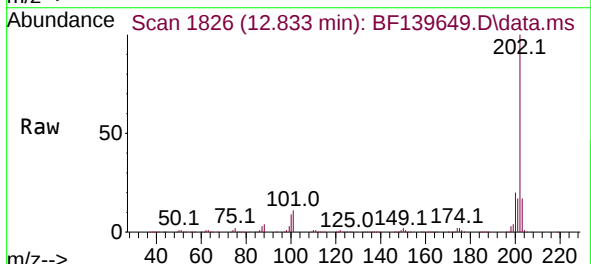
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#78
Pyrene
Concen: 49.656 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:202 Resp: 875573
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.6
203 17.2 13.8 20.8





#79

Terphenyl-d14

Concen: 92.285 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:244 Resp: 110881

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

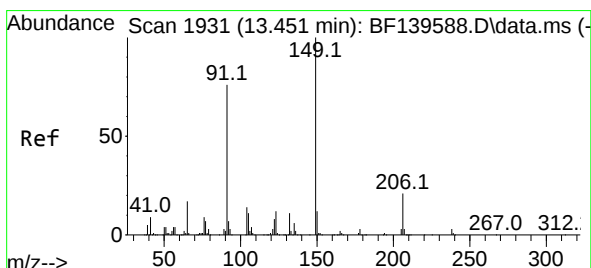
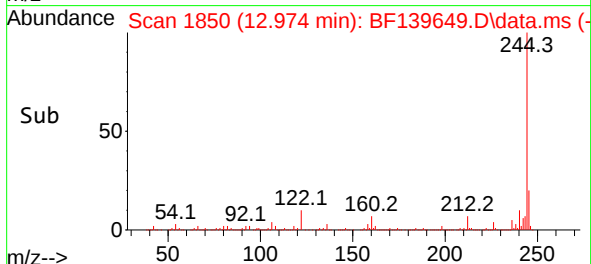
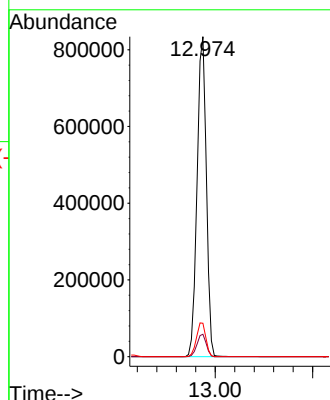
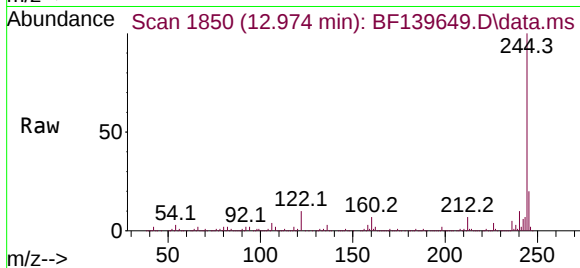
122 10.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#80

Butylbenzylphthalate

Concen: 55.788 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

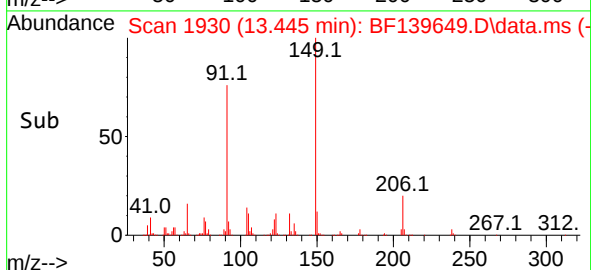
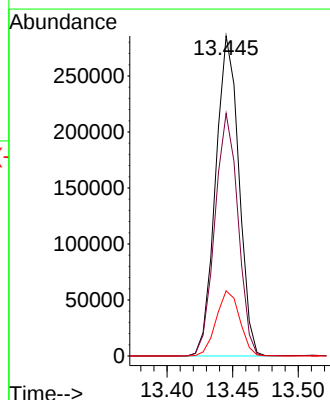
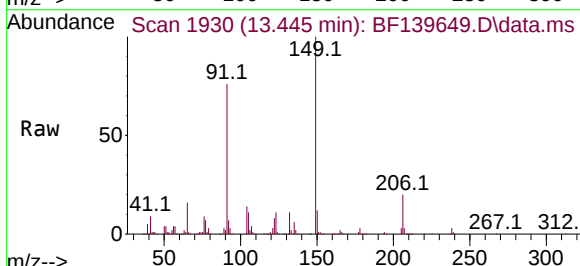
Tgt Ion:149 Resp: 351858

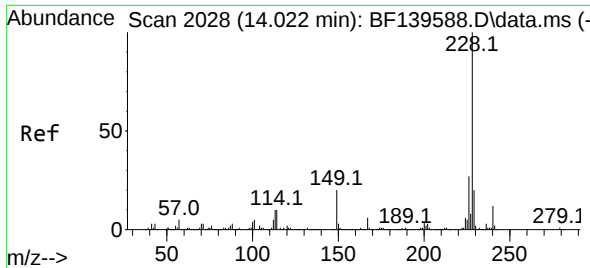
Ion Ratio Lower Upper

149 100

91 75.8 61.0 91.4

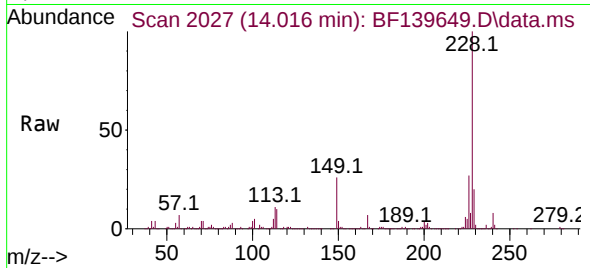
206 20.4 16.6 24.8





#81
Benzo(a)anthracene
Concen: 52.440 ng
RT: 14.016 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

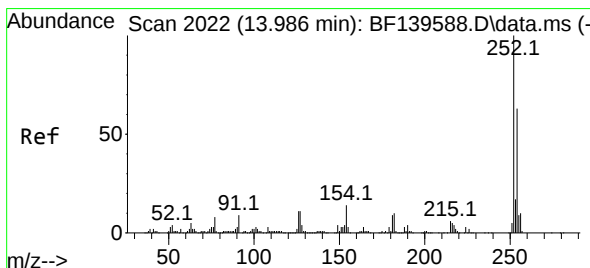
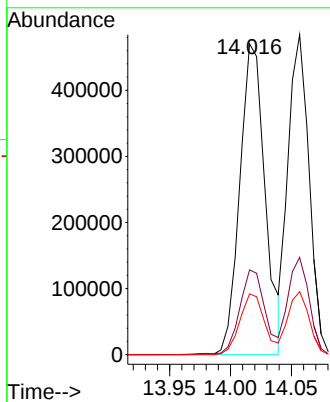
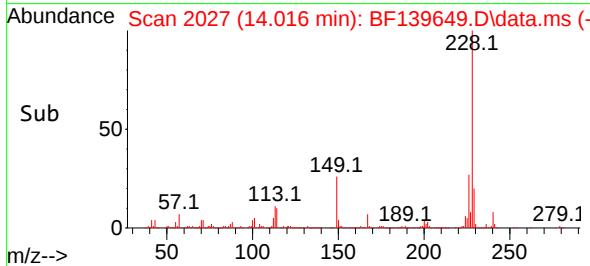
Instrument :
BNA_F
ClientSampleId :
TP-QMS



Tgt Ion:228 Resp: 679714
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.8

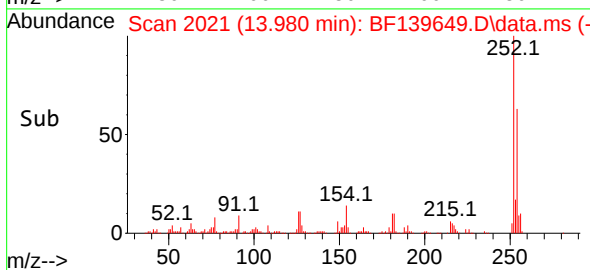
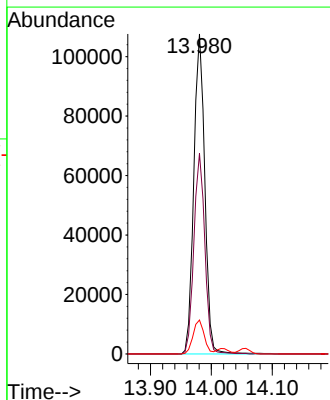
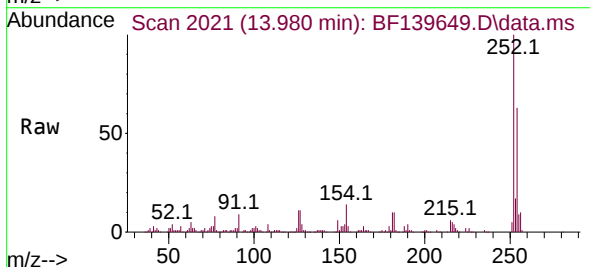
Manual Integrations
APPROVED

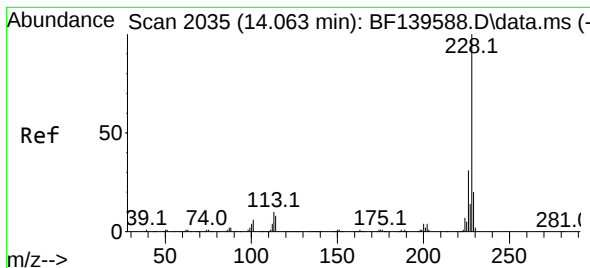
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.042 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

Tgt Ion:252 Resp: 135040
Ion Ratio Lower Upper
252 100
254 62.6 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 49.349 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:228 Resp: 58479

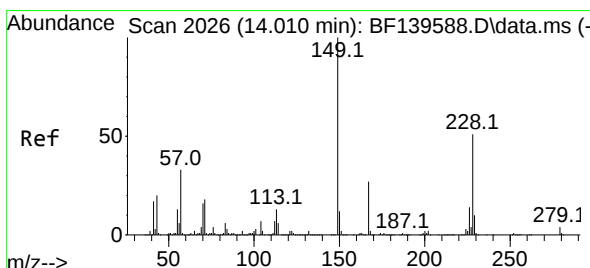
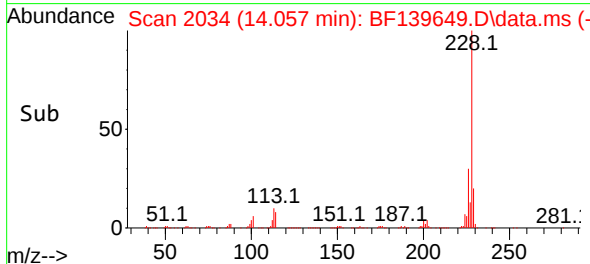
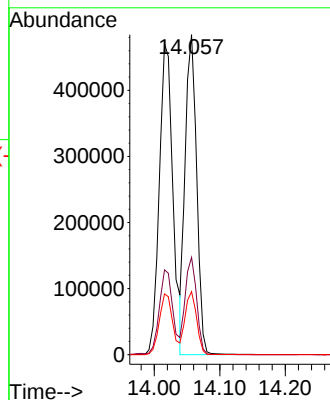
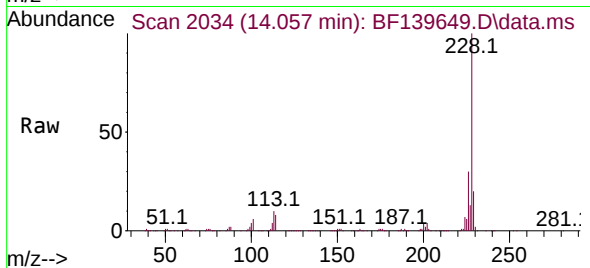
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.591 ng

RT: 14.004 min Scan# 2025

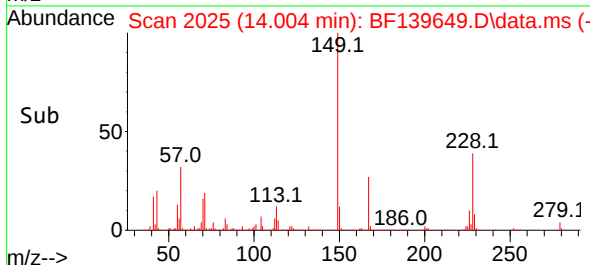
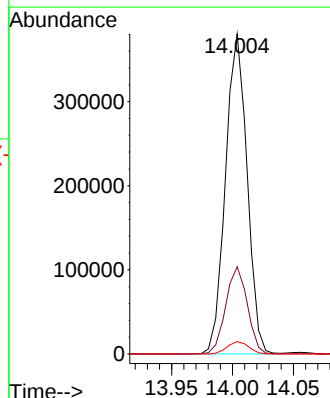
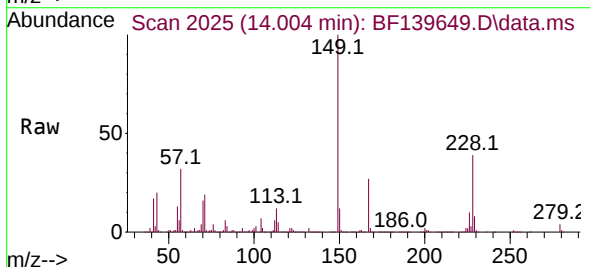
Delta R.T. -0.006 min

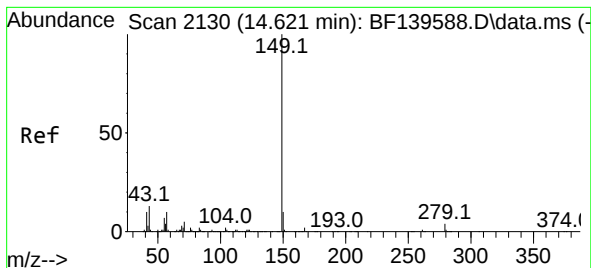
Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:149 Resp: 469313

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 62.248 ng

RT: 14.616 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:149 Resp: 720218

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

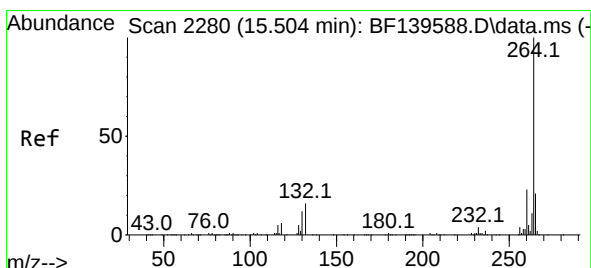
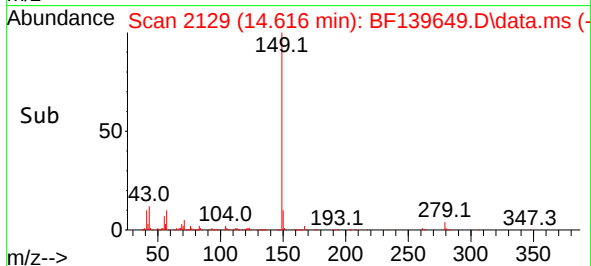
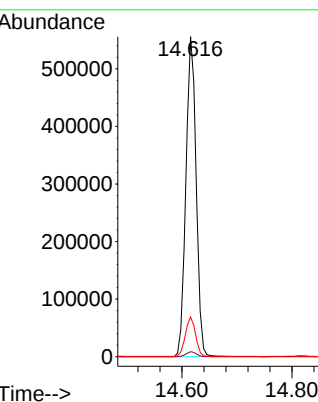
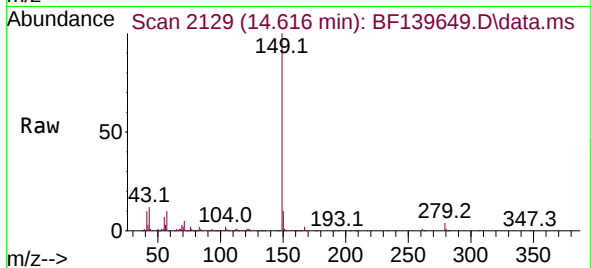
43 12.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

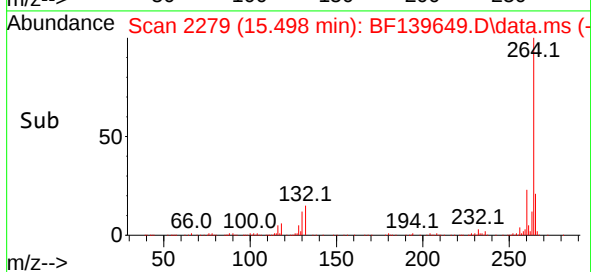
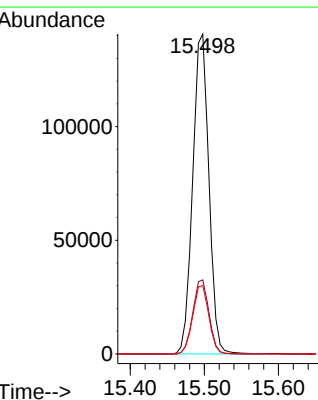
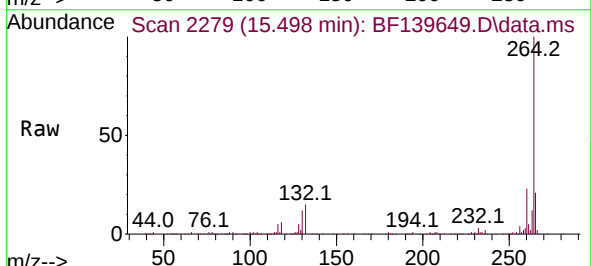
Tgt Ion:264 Resp: 213541

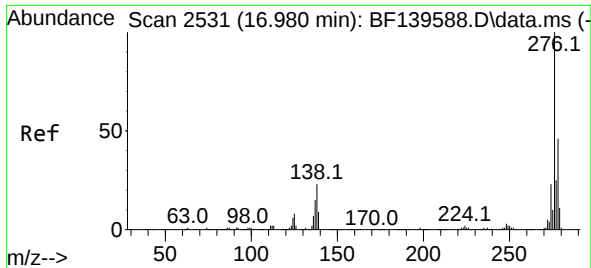
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

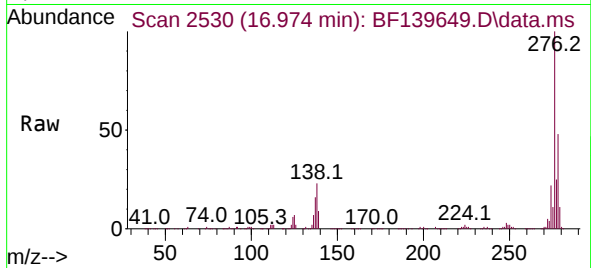
265 21.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.516 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19

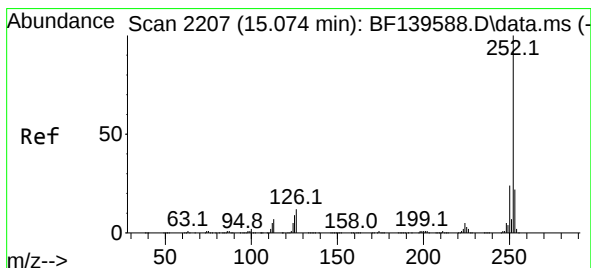
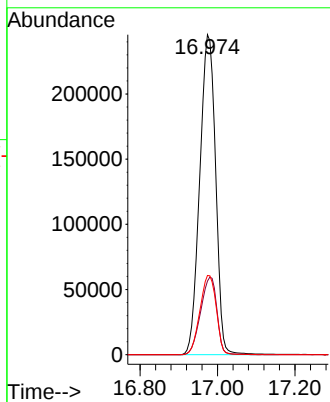
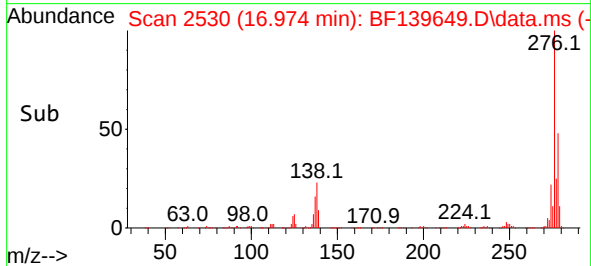
Instrument :
BNA_F
ClientSampleId :
TP-QMS



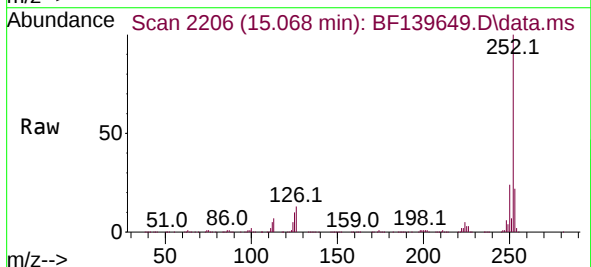
Tgt Ion:276 Resp: 697750
Ion Ratio Lower Upper
276 100
138 24.8 19.4 29.0
277 25.5 20.2 30.2

Manual Integrations
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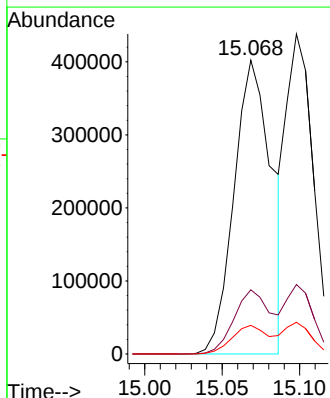
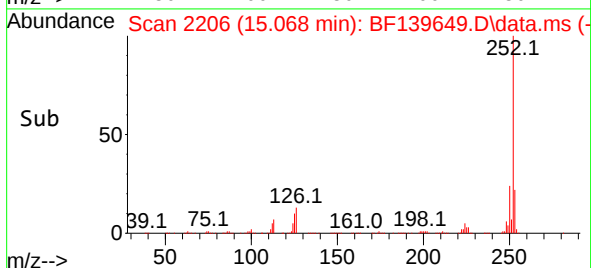
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

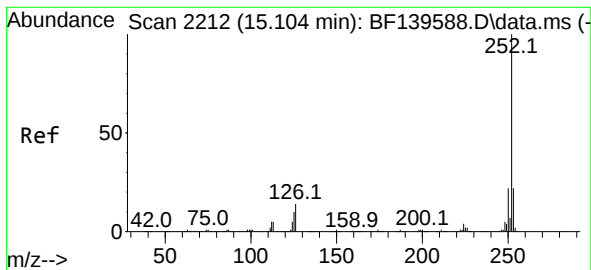


#88
Benzo(b)fluoranthene
Concen: 49.121 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139649.D
Acq: 04 Oct 2024 11:19



Tgt Ion:252 Resp: 678224
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.545 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

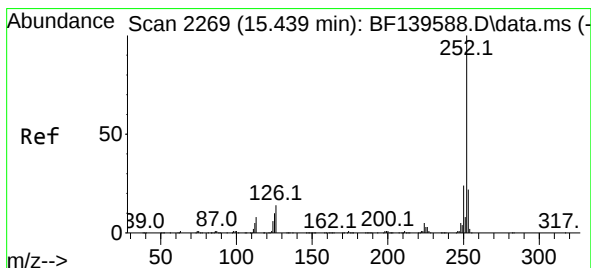
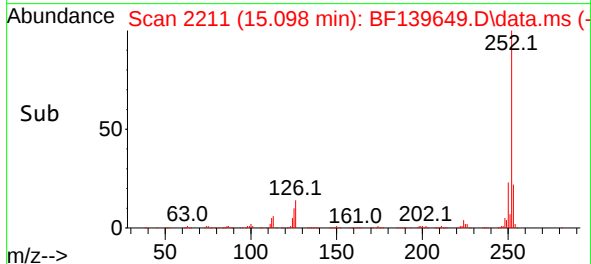
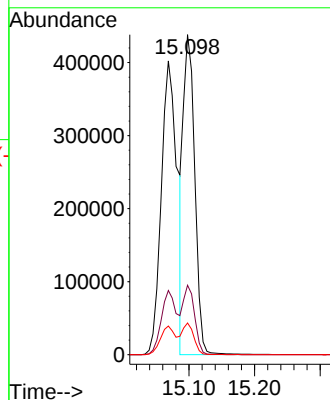
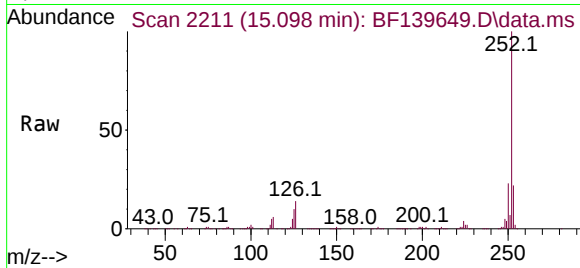
Tgt Ion:252	Resp: 533434
Ion Ratio	Lower Upper
252	100
253	21.7 17.5 26.3
125	9.9 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 53.491 ng

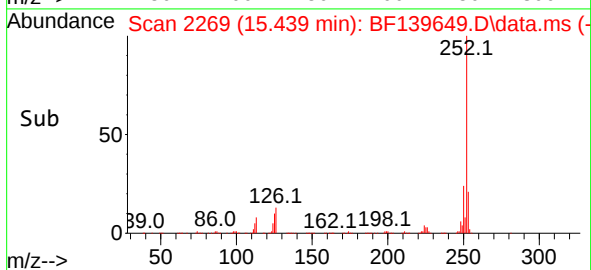
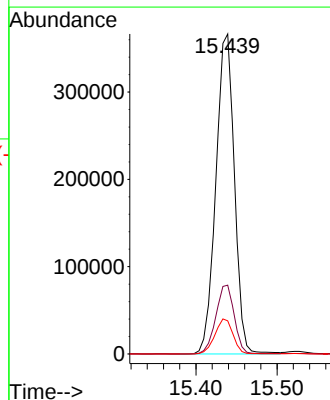
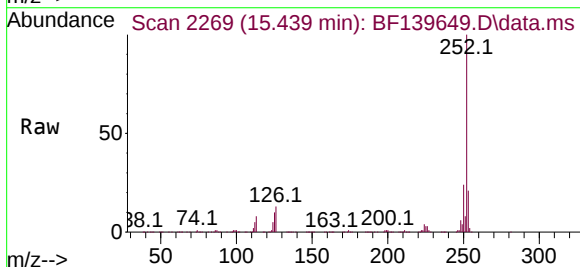
RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:252	Resp: 582357
Ion Ratio	Lower Upper
252	100
253	21.5 17.3 25.9
125	10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 54.652 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Instrument :

BNA_F

ClientSampleId :

TP-QMS

Tgt Ion:278 Resp: 569718

Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

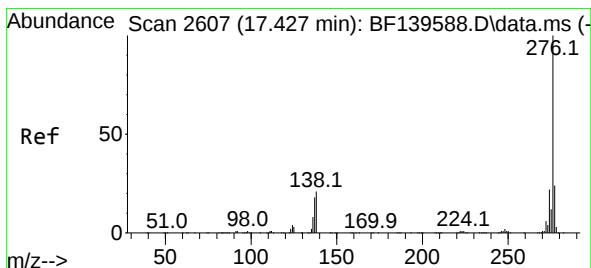
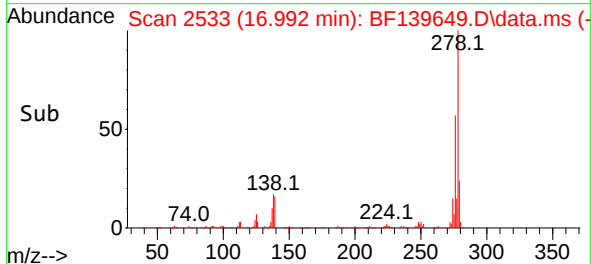
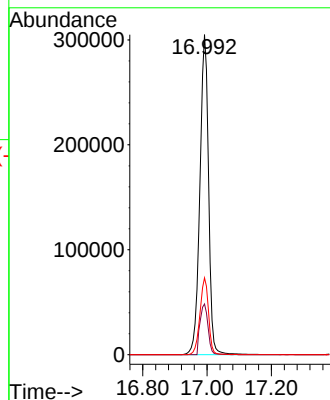
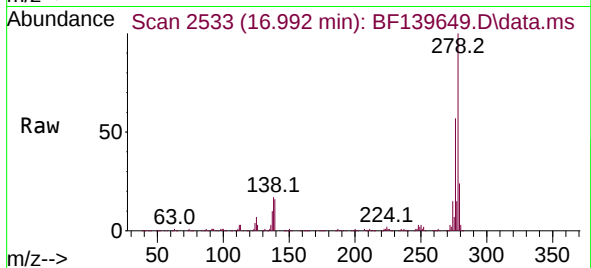
279 24.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#92

Benzo(g,h,i)perylene

Concen: 50.038 ng

RT: 17.421 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF139649.D

Acq: 04 Oct 2024 11:19

Tgt Ion:276 Resp: 523132

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 20.6 17.0 25.6

