

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139650.D
 Acq On : 04 Oct 2024 11:47
 Operator : RC/JU
 Sample : P4242-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-QMSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 12:22:46 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	95221	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	355308	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	201553	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	366474	20.000	ng	0.00
76) Chrysene-d12	14.027	240	196941	20.000	ng	0.00
86) Perylene-d12	15.498	264	212758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	718615	130.805	ng	0.02
7) Phenol-d6	6.504	99	905488	122.562	ng	0.00
23) Nitrobenzene-d5	7.433	82	668512	95.261	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	261240	134.268	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1191480	90.752	ng	0.00
79) Terphenyl-d14	12.974	244	1110204	92.498	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	105828	44.555	ng	# 78
3) Pyridine	3.540	79	237065	41.039	ng	97
4) n-Nitrosodimethylamine	3.481	42	179623	47.504	ng	94
6) Aniline	6.534	93	150839	23.008	ng	# 85
8) 2-Chlorophenol	6.657	128	290990	49.438	ng	97
9) Benzaldehyde	6.422	77	45199	11.549	ng	98
10) Phenol	6.522	94	341118	43.911	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	291246	46.045	ng	99
12) 1,3-Dichlorobenzene	6.810	146	293293	44.294	ng	99
13) 1,4-Dichlorobenzene	6.886	146	303091	45.195	ng	100
14) 1,2-Dichlorobenzene	7.033	146	289437	46.050	ng	99
15) Benzyl Alcohol	7.010	79	279193	49.459	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	524147	47.867	ng	90
17) 2-Methylphenol	7.122	107	237972	48.430	ng	99
18) Hexachloroethane	7.375	117	115216	46.060	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	224935	47.356	ng	99
20) 3+4-Methylphenols	7.275	107	291646	47.254	ng	97
22) Acetophenone	7.275	105	404695	47.984	ng	98
24) Nitrobenzene	7.451	77	338532	46.586	ng	100
25) Isophorone	7.686	82	612041	49.104	ng	99
26) 2-Nitrophenol	7.763	139	156000	49.936	ng	98
27) 2,4-Dimethylphenol	7.804	122	228712m	59.804	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	359907	48.356	ng	99
29) 2,4-Dichlorophenol	8.010	162	250287	50.175	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	254477	45.110	ng	100
31) Naphthalene	8.169	128	860535	47.369	ng	100
32) Benzoic acid	7.933	122	180811	47.547	ng	99
33) 4-Chloroaniline	8.216	127	53016	8.622	ng	98
34) Hexachlorobutadiene	8.280	225	165686	45.385	ng	99
35) Caprolactam	8.592	113	72364m	44.229	ng	
36) 4-Chloro-3-methylphenol	8.710	107	273860	48.498	ng	99
37) 2-Methylnaphthalene	8.863	142	567455	47.961	ng	100
38) 1-Methylnaphthalene	8.963	142	525759	45.461	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	262879	46.969	ng	99
41) Hexachlorocyclopentadiene	9.010	237	298267	173.801	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	183317	48.587	ng	98

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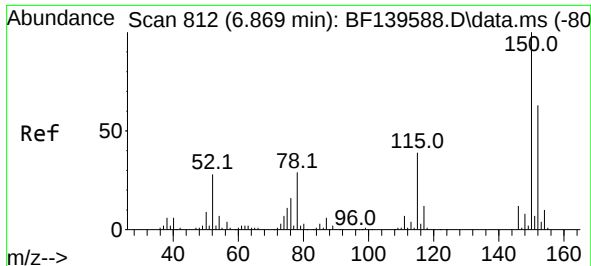
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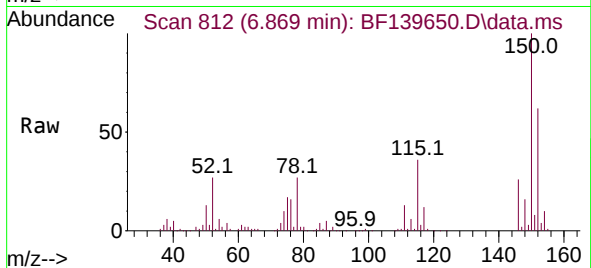
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	197240	48.475	ng	98
46) 1,1'-Biphenyl	9.327	154	705272	47.047	ng	99
47) 2-Chloronaphthalene	9.351	162	526350	46.836	ng	99
48) 2-Nitroaniline	9.445	65	200445	49.686	ng	98
49) Acenaphthylene	9.769	152	874273	51.154	ng	100
50) Dimethylphthalate	9.627	163	651283	49.363	ng	100
51) 2,6-Dinitrotoluene	9.692	165	140697	47.207	ng	95
52) Acenaphthene	9.939	154	631656m	53.836	ng	
53) 3-Nitroaniline	9.857	138	58728	19.282	ng	98
54) 2,4-Dinitrophenol	9.969	184	174641	108.942	ng	99
55) Dibenzofuran	10.110	168	794683	48.375	ng	100
56) 4-Nitrophenol	10.027	139	210435	90.601	ng	97
57) 2,4-Dinitrotoluene	10.098	165	189024	48.520	ng	96
58) Fluorene	10.451	166	618662	47.283	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	169658	51.625	ng	98
60) Diethylphthalate	10.327	149	650450	47.730	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	301216	46.016	ng	98
62) 4-Nitroaniline	10.474	138	139434	44.756	ng	100
63) Azobenzene	10.604	77	653038	47.650	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	110238	53.261	ng	97
66) n-Nitrosodiphenylamine	10.563	169	546503	50.591	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	179963	47.895	ng	98
68) Hexachlorobenzene	10.998	284	198640	47.641	ng	99
69) Atrazine	11.092	200	161998	55.894	ng	99
70) Pentachlorophenol	11.198	266	249208	100.378	ng	99
71) Phenanthrene	11.416	178	868121	50.240	ng	100
72) Anthracene	11.468	178	878301	51.379	ng	100
73) Carbazole	11.621	167	800834	48.776	ng	100
74) Di-n-butylphthalate	11.951	149	993175	49.744	ng	100
75) Fluoranthene	12.604	202	868683	45.989	ng	99
77) Benzidine	12.721	184	50633	14.576	ng	98
78) Pyrene	12.833	202	870103	49.398	ng	100
80) Butylbenzylphthalate	13.445	149	347016	55.078	ng	100
81) Benzo(a)anthracene	14.015	228	658381	50.848	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	133930	33.798	ng	99
83) Chrysene	14.057	228	576168	48.672	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	457252	58.120	ng	100
85) Di-n-octyl phthalate	14.615	149	698502	60.434	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	687466	54.899	ng	100
88) Benzo(b)fluoranthene	15.068	252	654085	47.547	ng	98
89) Benzo(k)fluoranthene	15.098	252	516365	44.250	ng	99
90) Benzo(a)pyrene	15.439	252	568581	52.418	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	559665	53.885	ng	99
92) Benzo(g,h,i)perylene	17.421	276	506063	48.583	ng	100

(#) = 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: BF139650.D
Acq: 04 Oct 2024 11:47

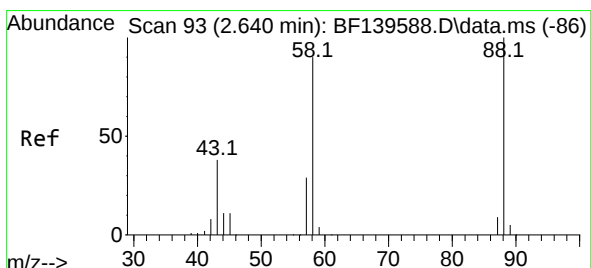
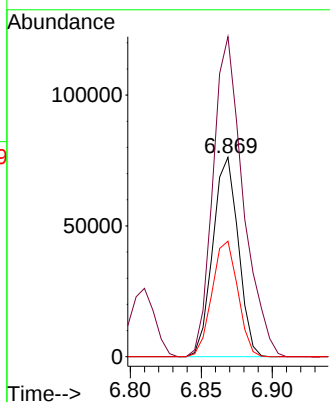
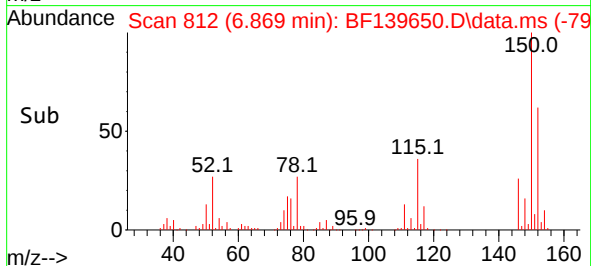
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



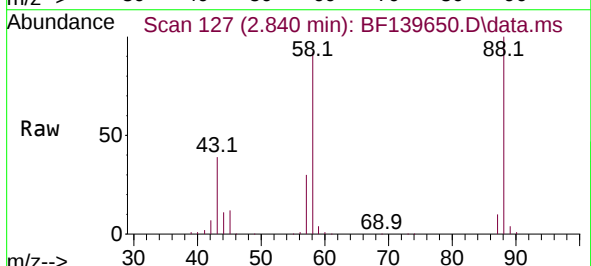
Tgt Ion:152 Resp: 9522
Ion Ratio Lower Upper
152 100
150 160.6 127.2 190.8
115 58.0 49.0 73.4

Manual Integrations
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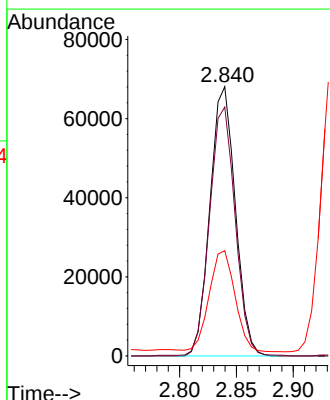
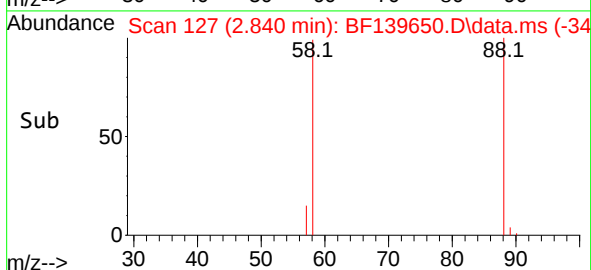
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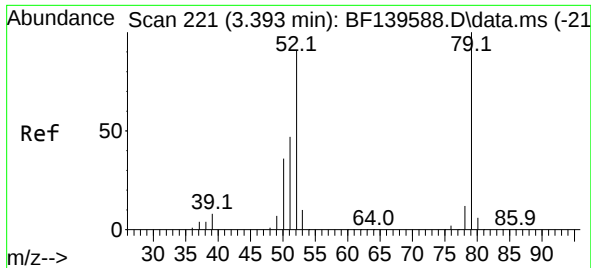


#2
1,4-Dioxane
Concen: 44.555 ng
RT: 2.840 min Scan# 127
Delta R.T. 0.200 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion: 88 Resp: 105828
Ion Ratio Lower Upper
88 100
58 93.6 72.0 108.0
43 0.0 30.8 46.2#





#3

Pyridine

Concen: 41.039 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.147 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

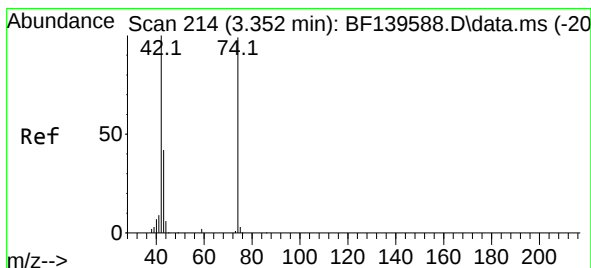
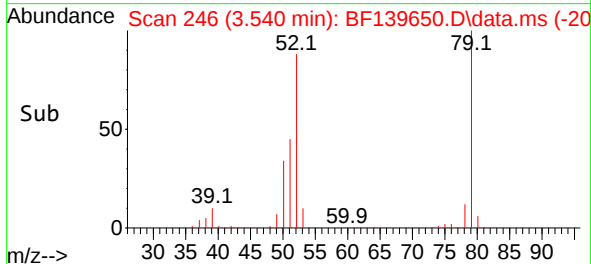
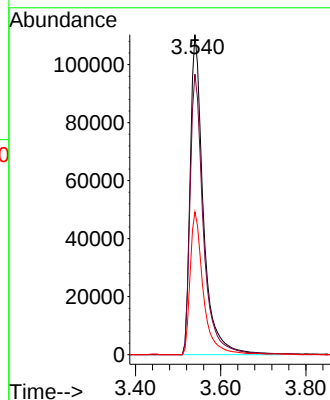
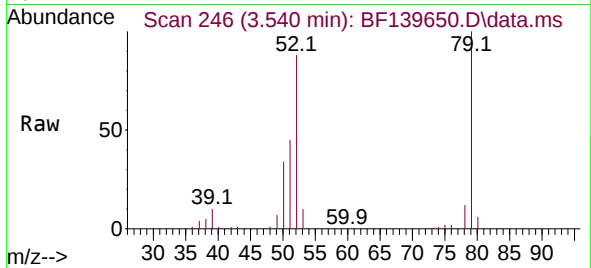
Tgt Ion: 79	Resp: 23706
Ion Ratio	Lower Upper
79	100
52	87.7 72.6 109.0
51	44.6 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 47.504 ng

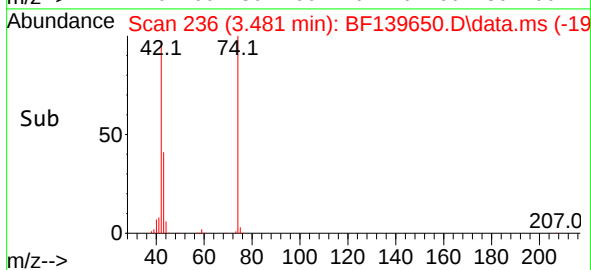
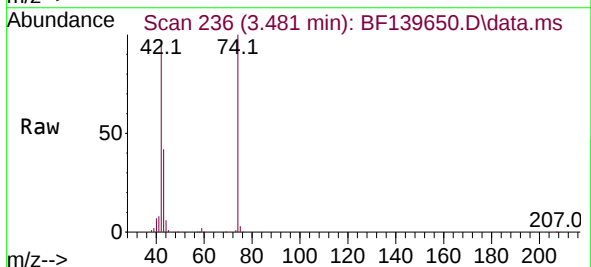
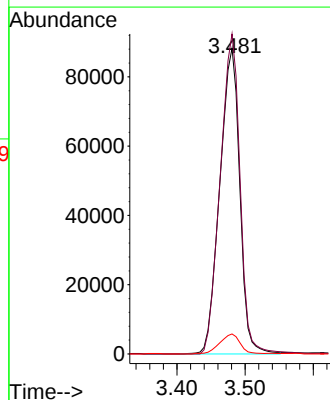
RT: 3.481 min Scan# 236

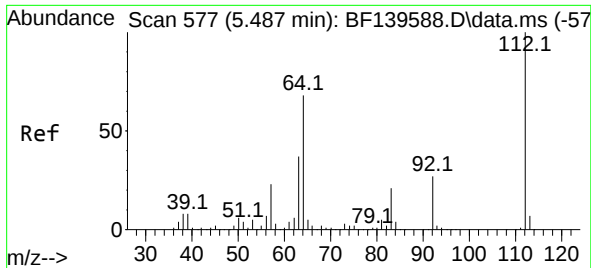
Delta R.T. 0.129 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Tgt Ion: 42	Resp: 179623
Ion Ratio	Lower Upper
42	100
74	104.7 79.0 118.6
44	6.5 5.2 7.8





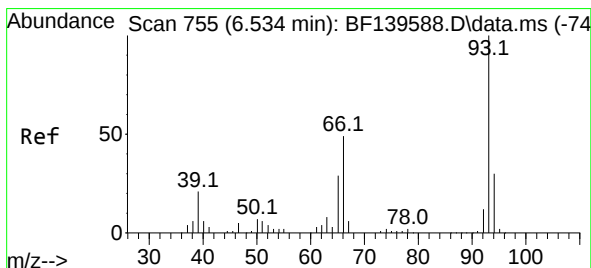
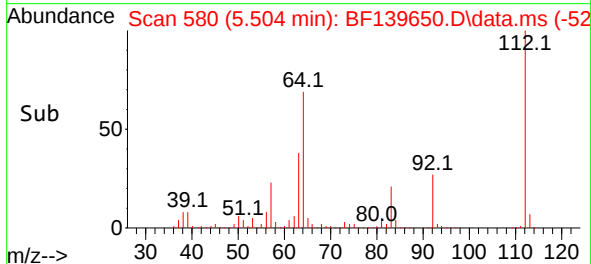
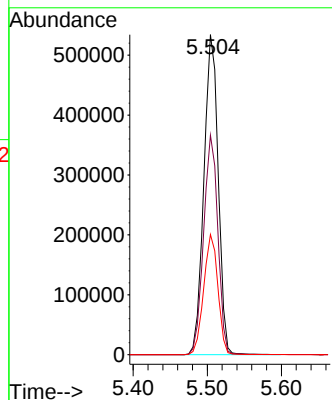
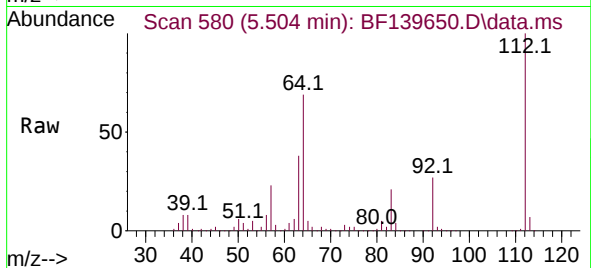
#5
2-Fluorophenol
Concen: 130.805 ng
RT: 5.504 min Scan# 577
Delta R.T. 0.017 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:112 Resp: 71861
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.6 29.4 44.2

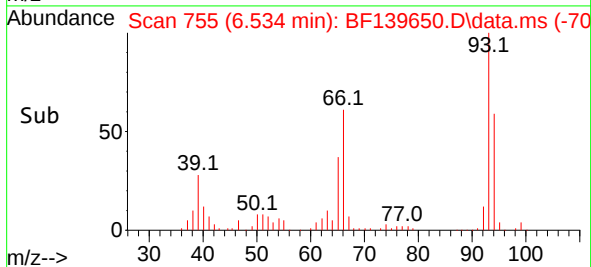
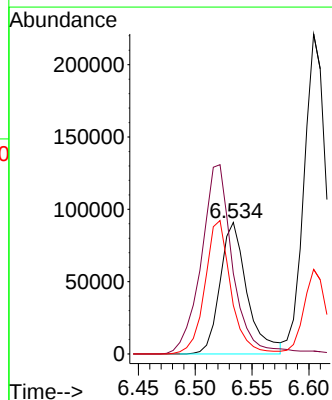
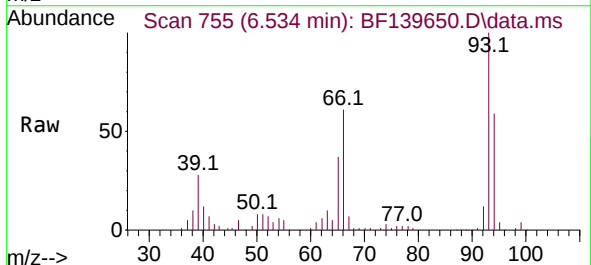
Manual Integrations
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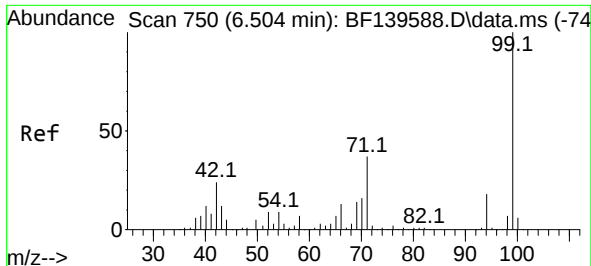
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#6
Aniline
Concen: 23.008 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

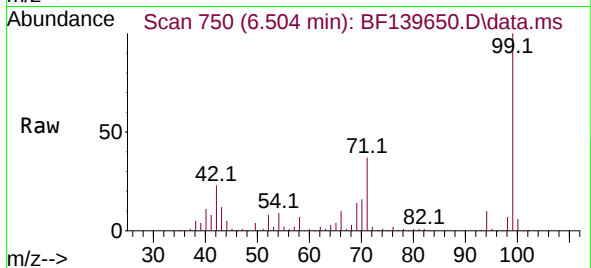
Tgt Ion: 93 Resp: 150839
Ion Ratio Lower Upper
93 100
66 61.4 40.9 61.3#
65 36.9 23.3 34.9#





#7
Phenol-d6
Concen: 122.562 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

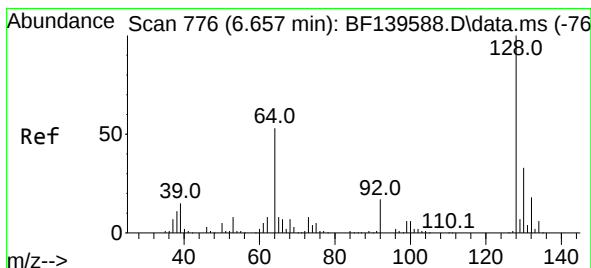
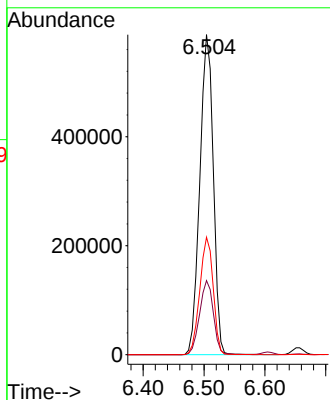
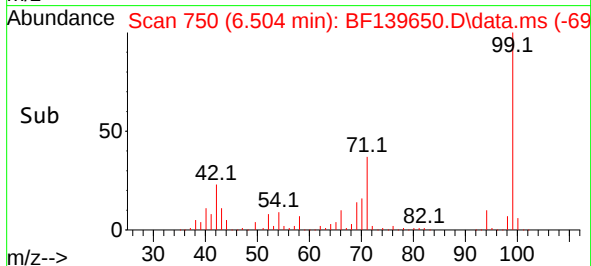
Instrument :
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Tgt Ion: 99 Resp: 905488
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 36.7 29.7 44.5

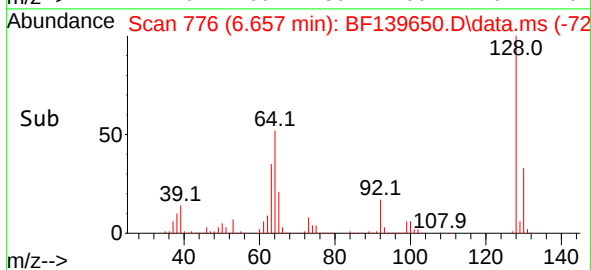
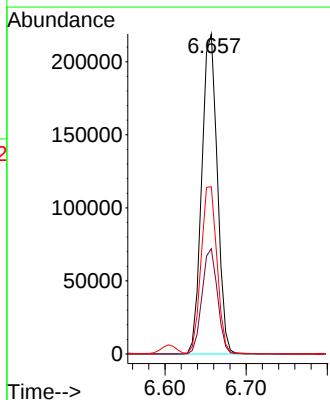
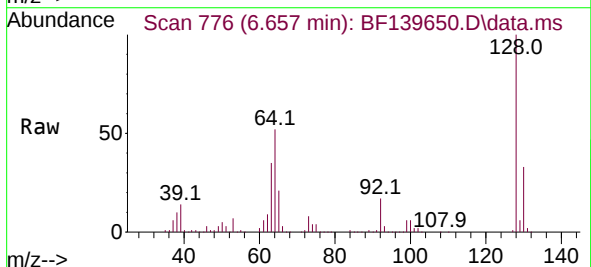
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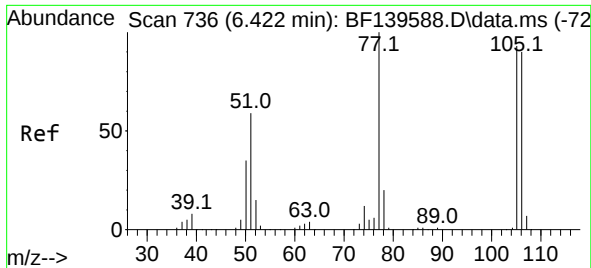
Reviewed By :Yogesh Patel 10/07/2024
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#8
2-Chlorophenol
Concen: 49.438 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:128 Resp: 290990
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 52.3 35.1 75.1





#9
Benzaldehyde
Concen: 11.549 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

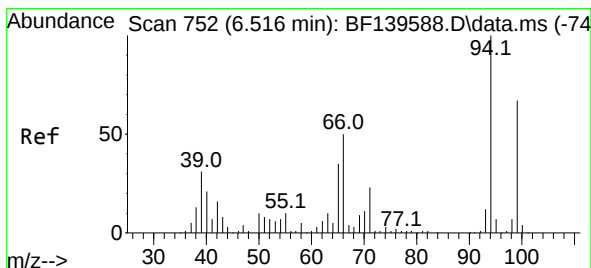
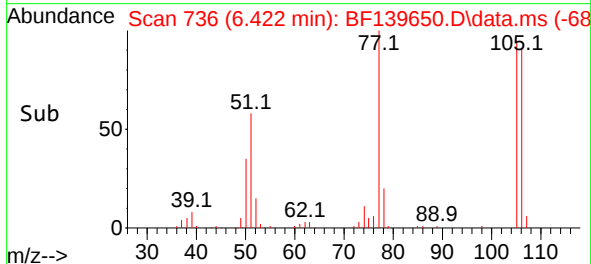
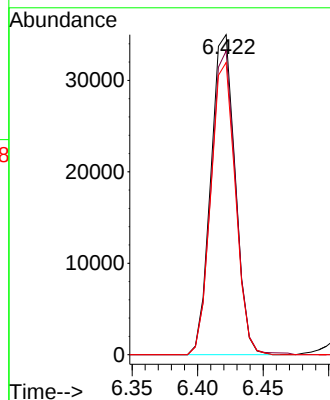
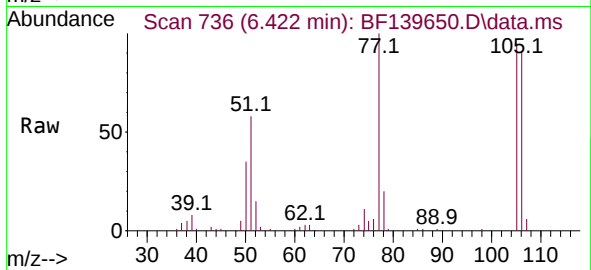
Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion: 77 Resp: 45198

Ion	Ratio	Lower	Upper
77	100		
105	94.9	72.7	112.7
106	91.3	70.1	110.1

Manual Integrations
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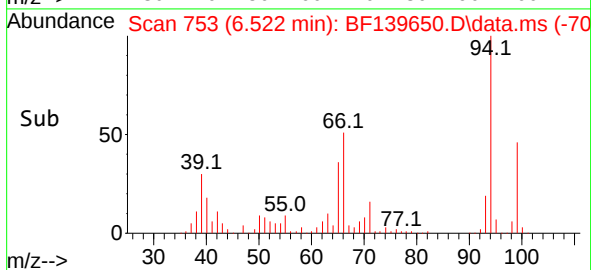
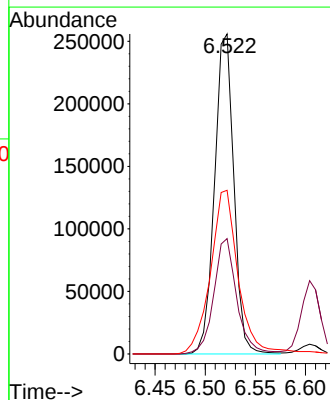
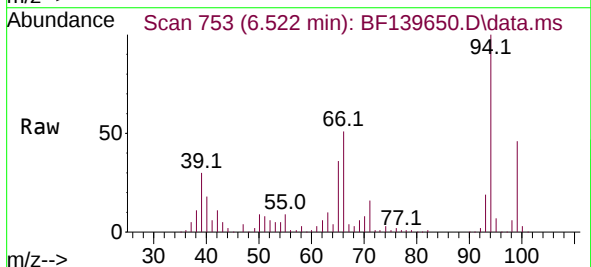
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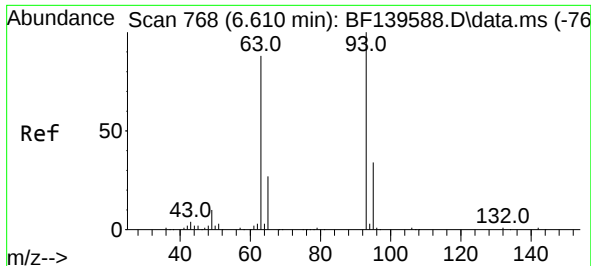


#10
Phenol
Concen: 43.911 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion: 94 Resp: 341118

Ion	Ratio	Lower	Upper
94	100		
65	36.1	15.3	55.3
66	51.1	30.5	70.5





#11

bis(2-Chloroethyl)ether

Concen: 46.045 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion: 93 Resp: 291240

Ion Ratio Lower Upper

93 100

63 85.5 64.1 104.1

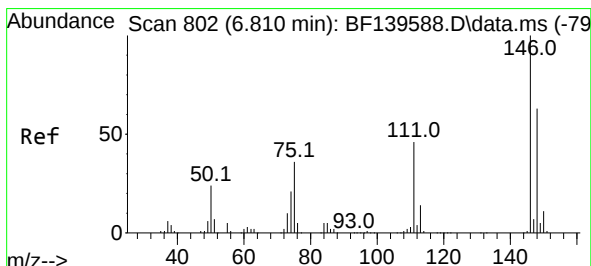
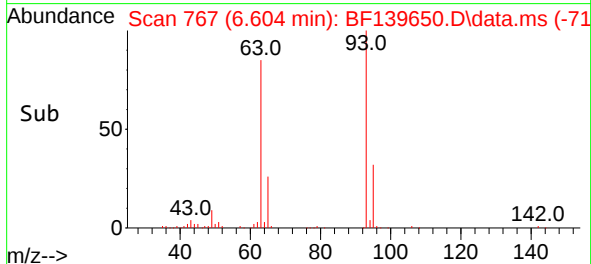
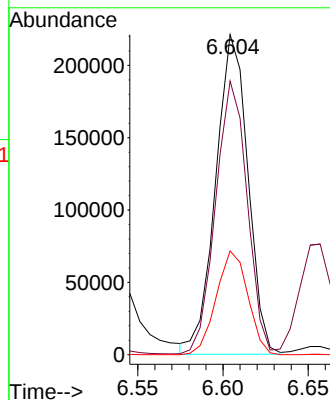
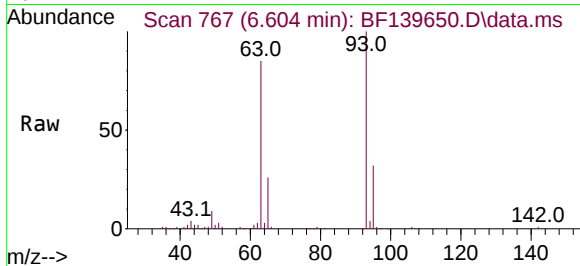
95 32.4 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#12

1,3-Dichlorobenzene

Concen: 44.294 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

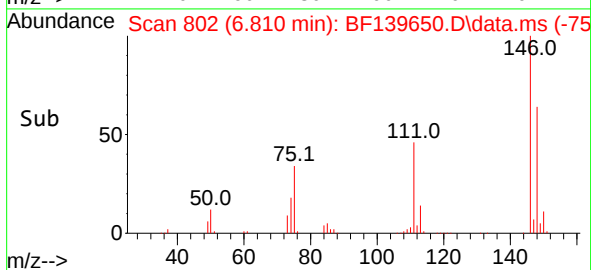
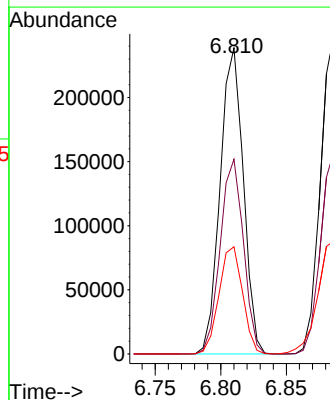
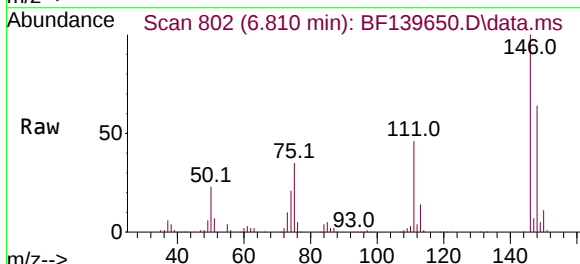
Tgt Ion:146 Resp: 293293

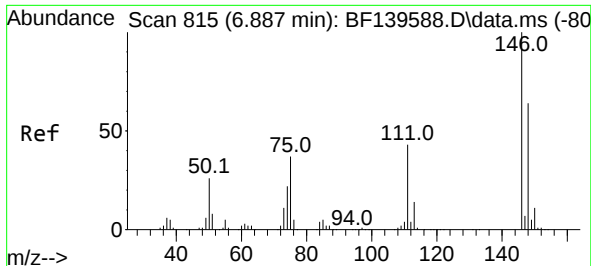
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.4

75 35.0 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 45.195 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:146 Resp: 30309

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

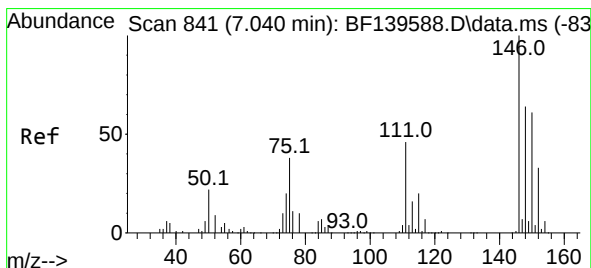
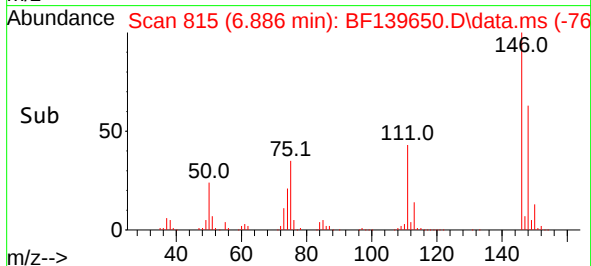
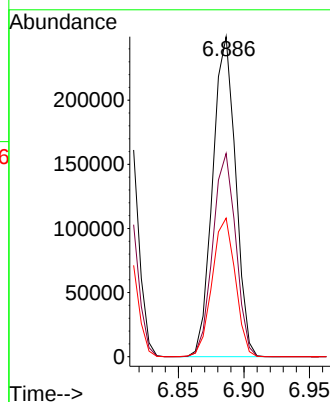
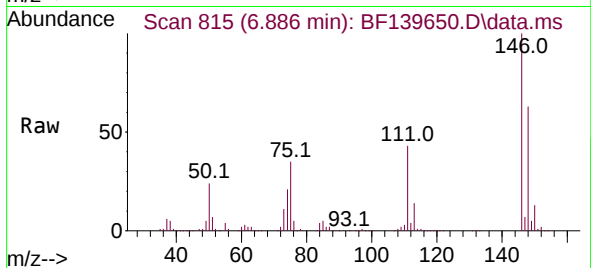
111 43.3 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#14

1,2-Dichlorobenzene

Concen: 46.050 ng

RT: 7.033 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

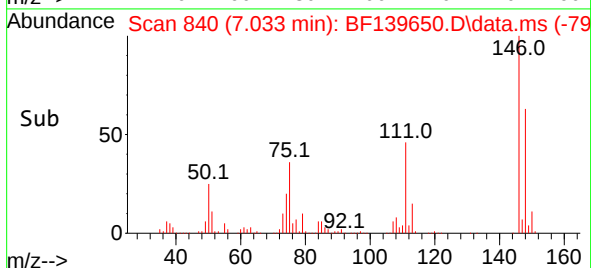
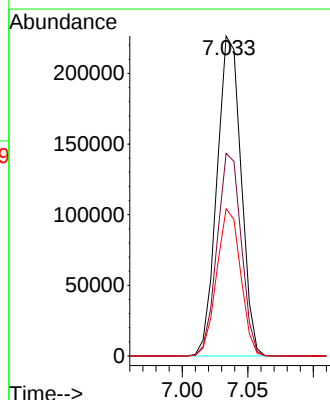
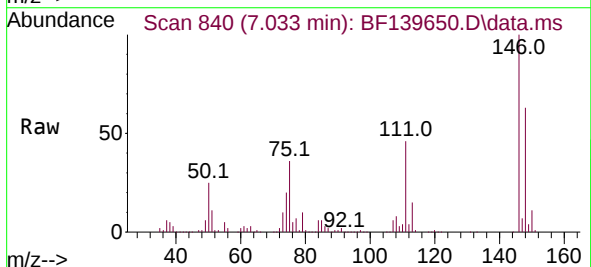
Tgt Ion:146 Resp: 289437

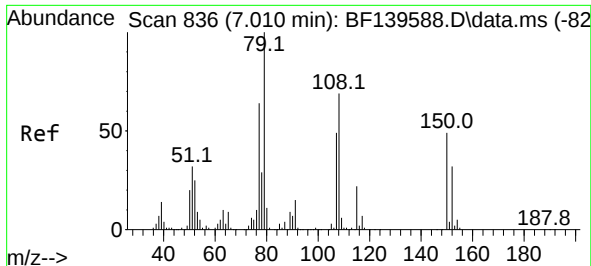
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

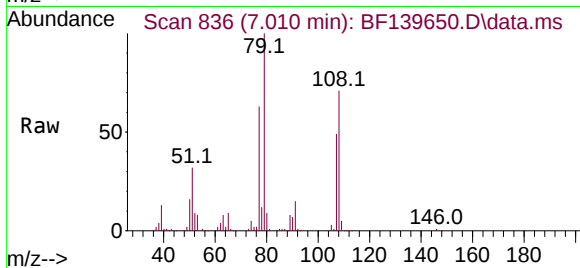
111 46.0 37.0 55.6





#15
Benzyl Alcohol
Concen: 49.459 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

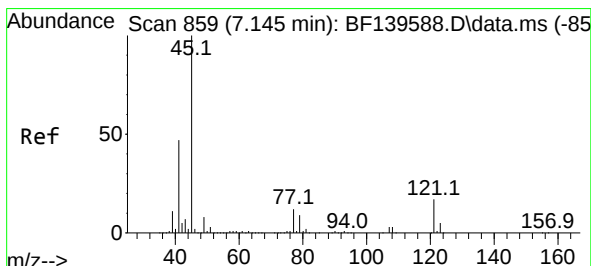
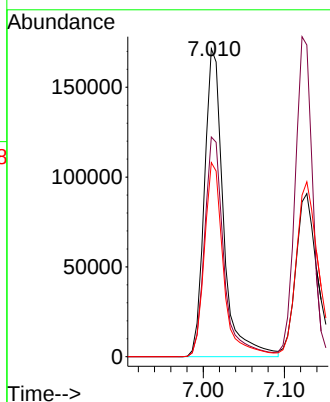
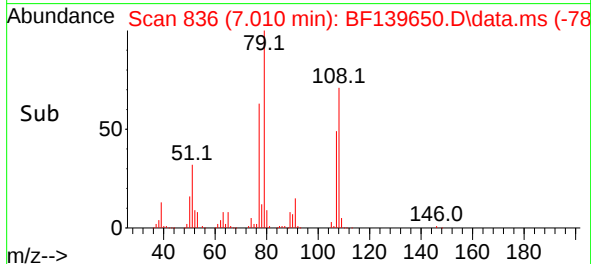
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



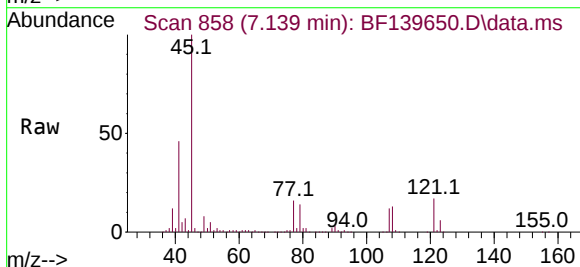
Tgt Ion: 79 Resp: 27919
Ion Ratio Lower Upper
79 100
108 71.3 55.1 82.7
77 63.0 50.8 76.2

Manual Integrations
APPROVED

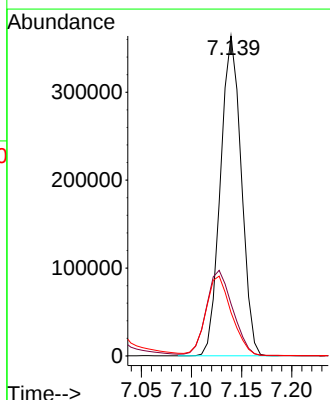
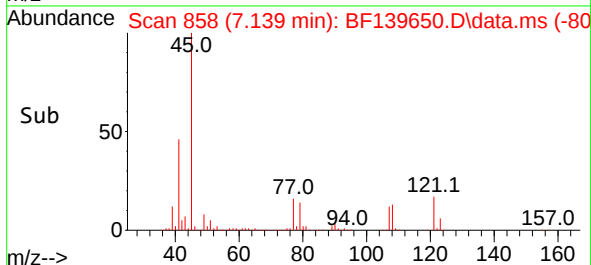
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

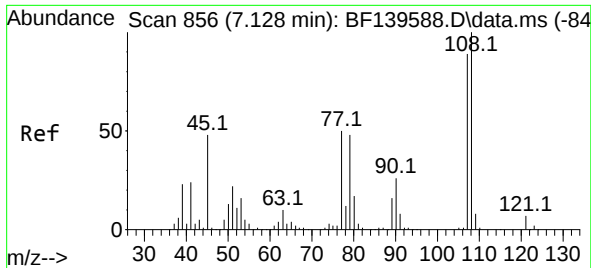


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.867 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



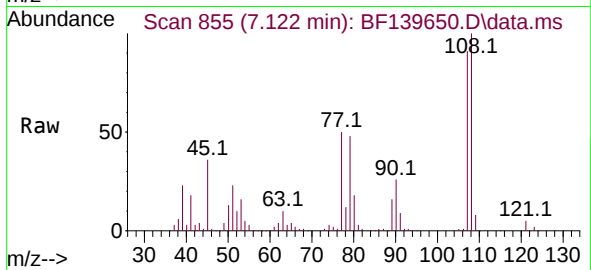
Tgt Ion: 45 Resp: 524147
Ion Ratio Lower Upper
45 100
77 16.3 0.0 32.5
79 13.6 0.0 29.7





#17
2-Methylphenol
Concen: 48.430 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

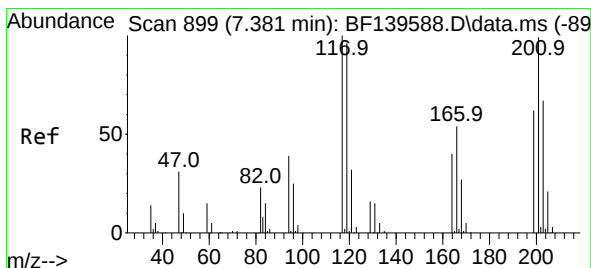
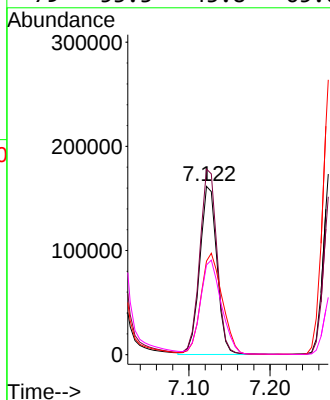
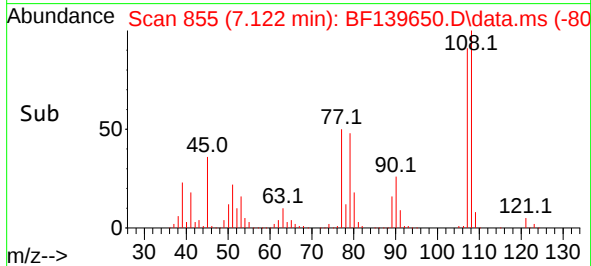
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:107 Resp: 237972
Ion Ratio Lower Upper
107 100
108 110.2 89.8 134.6
77 55.6 44.6 67.0
79 53.3 43.8 65.6

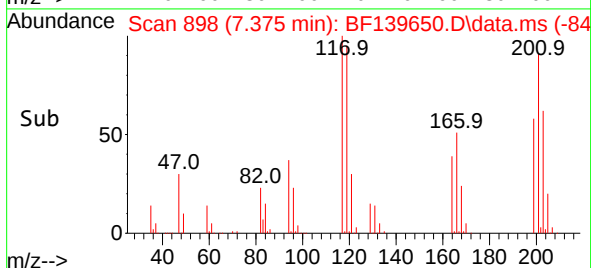
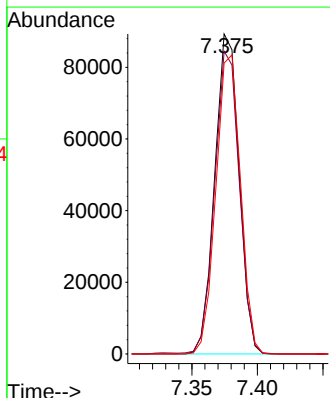
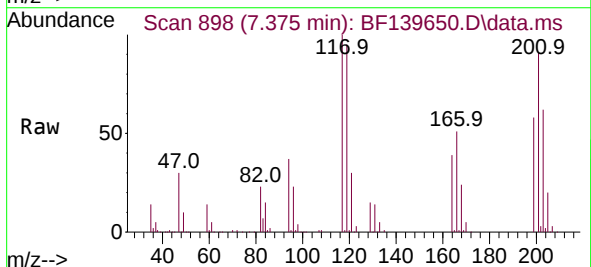
Manual Integrations
APPROVED

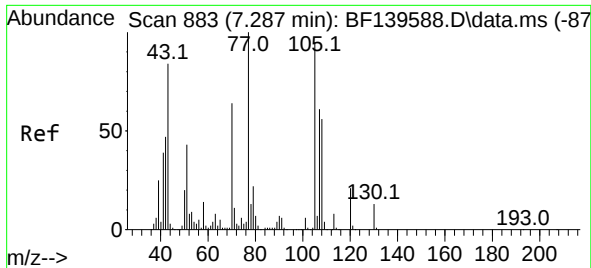
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#18
Hexachloroethane
Concen: 46.060 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

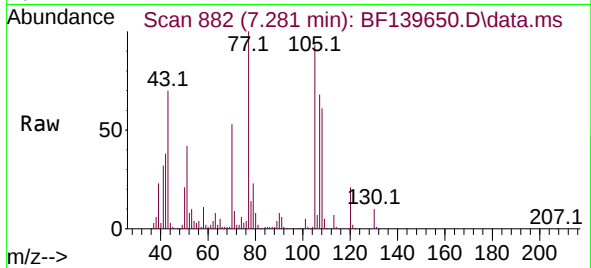
Tgt Ion:117 Resp: 115216
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
201 90.9 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.356 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

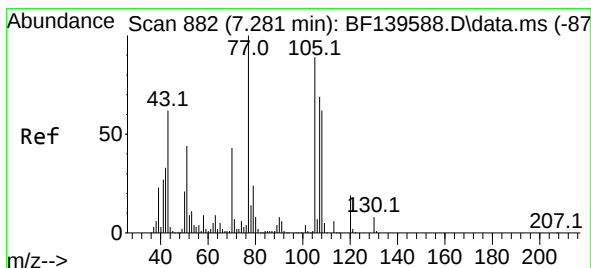
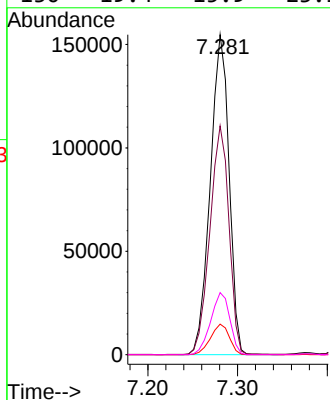
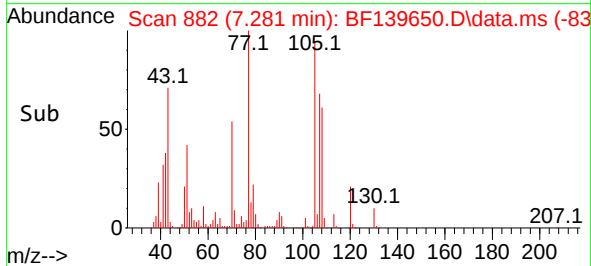
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



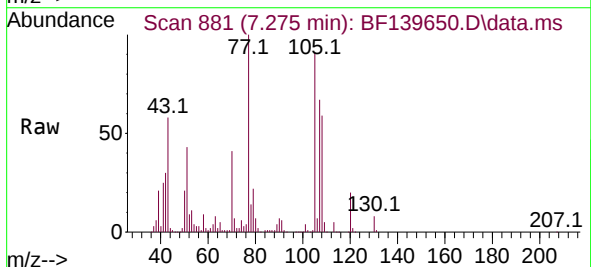
Tgt Ion: 70 Resp: 224935
Ion Ratio Lower Upper
70 100
42 71.5 58.0 87.0
101 9.6 7.8 11.8
130 19.4 15.9 23.9

Manual Integrations
APPROVED

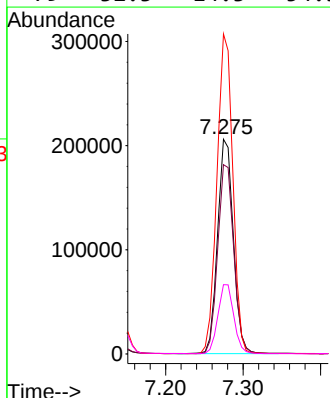
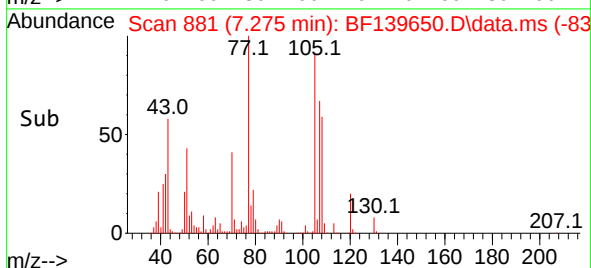
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

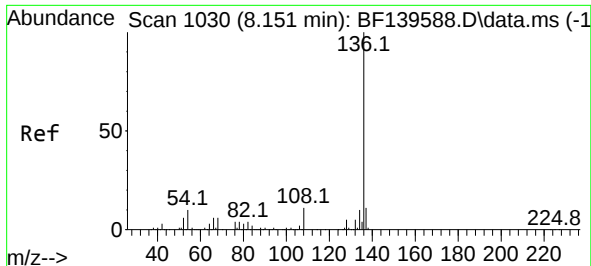


#20
3+4-Methylphenols
Concen: 47.254 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:107 Resp: 291646
Ion Ratio Lower Upper
107 100
108 88.1 70.2 110.2
77 149.0 125.3 165.3
79 32.3 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

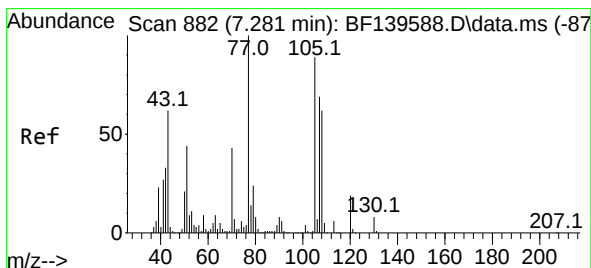
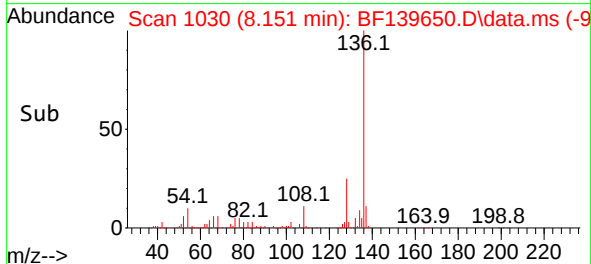
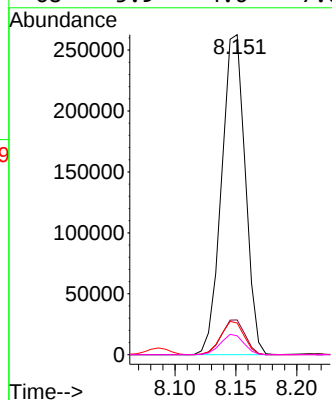
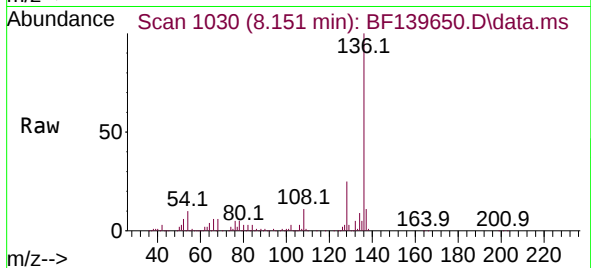
TP-QMSD

Tgt Ion:136 Resp: 355308
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.3 12.5
68 5.9 4.6 7.0

Manual Integrations

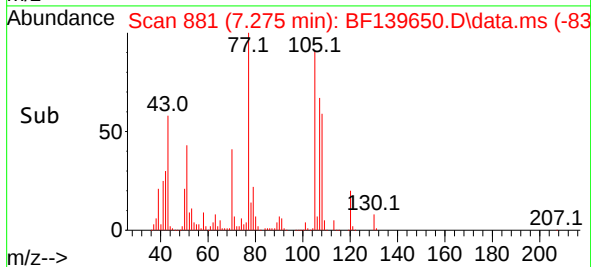
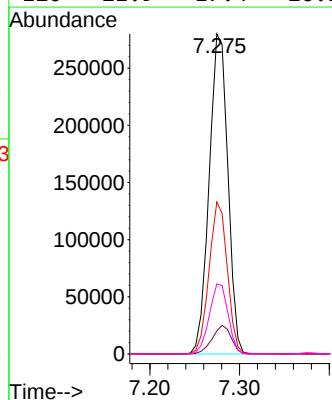
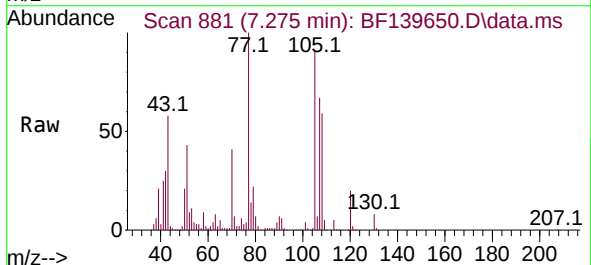
APPROVED

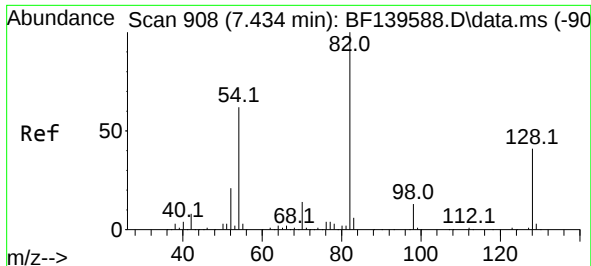
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#22
Acetophenone
Concen: 47.984 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

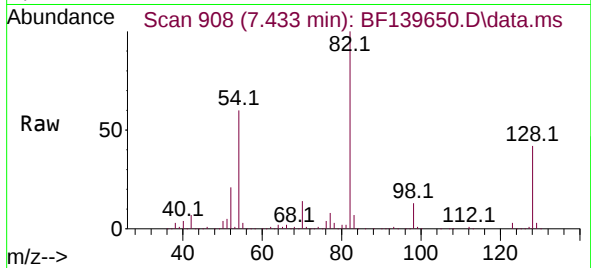
Tgt Ion:105 Resp: 404695
Ion Ratio Lower Upper
105 100
71 7.2 6.6 10.0
51 47.5 39.4 59.0
120 21.9 17.4 26.2





#23
Nitrobenzene-d5
Concen: 95.261 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

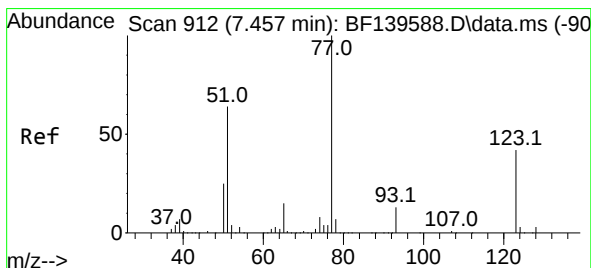
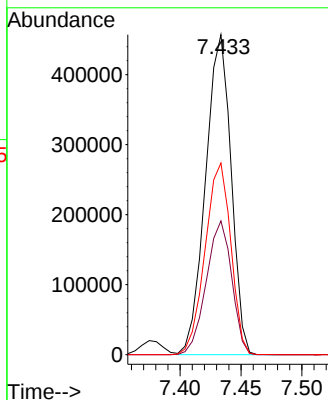
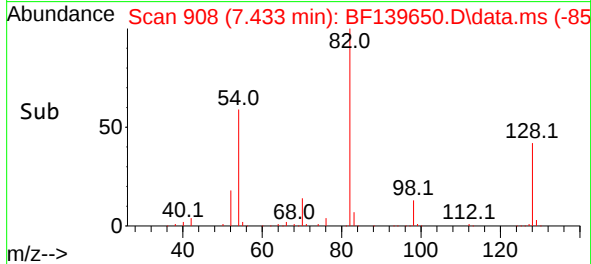
Instrument :
BNA_F
Client SampleId :
TP-QMSD



Tgt Ion: 82 Resp: 668512
Ion Ratio Lower Upper
82 100
128 41.8 32.4 48.6
54 59.9 49.1 73.7

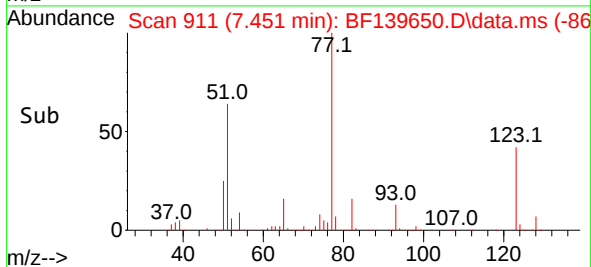
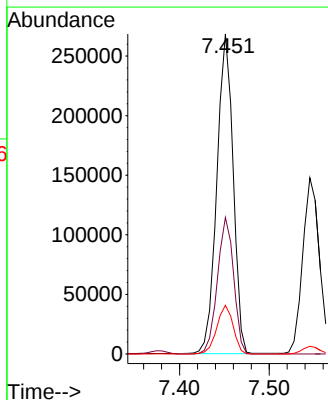
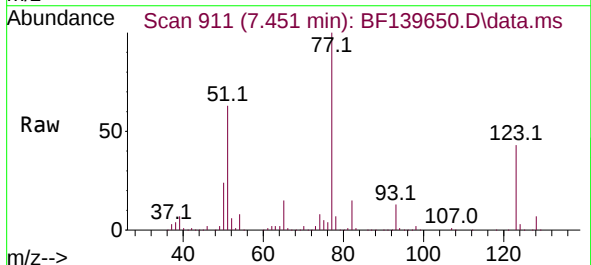
Manual Integrations
APPROVED

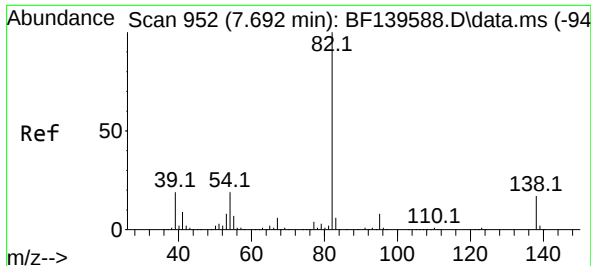
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#24
Nitrobenzene
Concen: 46.586 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion: 77 Resp: 338532
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.4
65 15.2 12.1 18.1





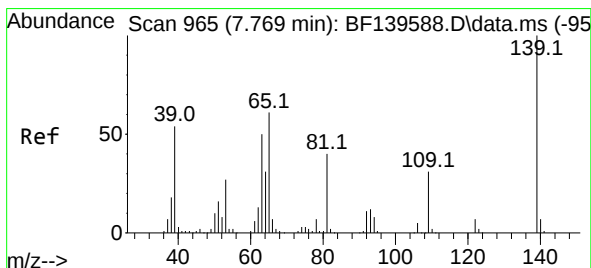
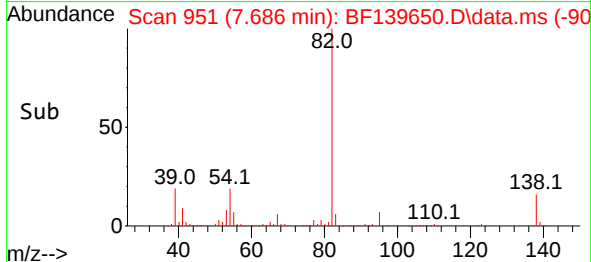
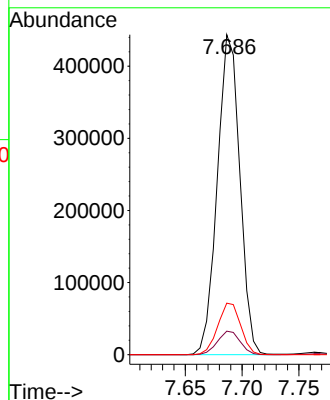
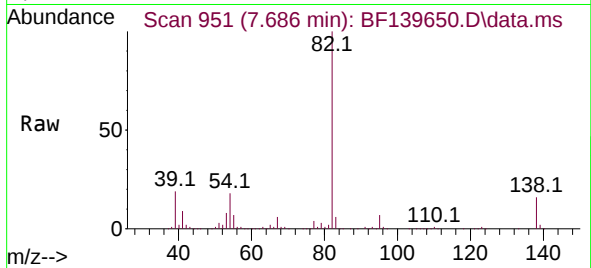
#25
Isophorone
Concen: 49.104 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion: 82 Resp: 61204
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.1 13.4 20.2

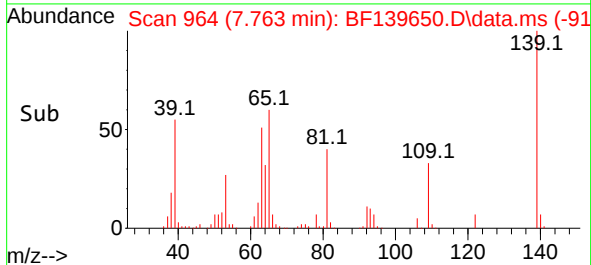
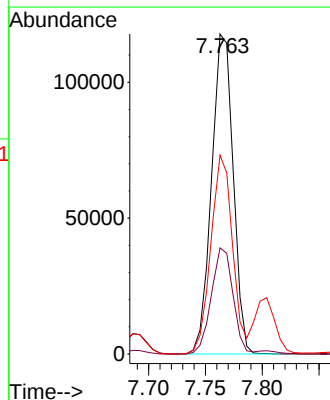
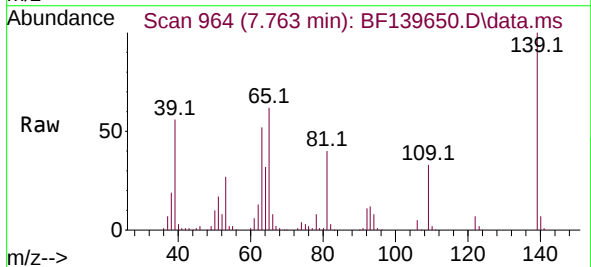
Manual Integrations
APPROVED

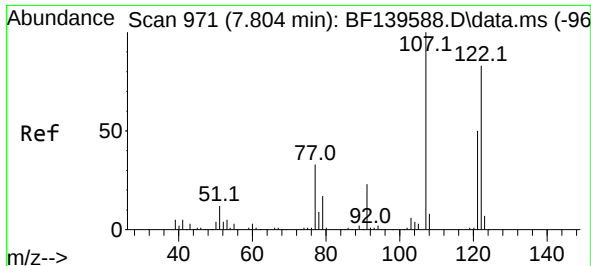
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#26
2-Nitrophenol
Concen: 49.936 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

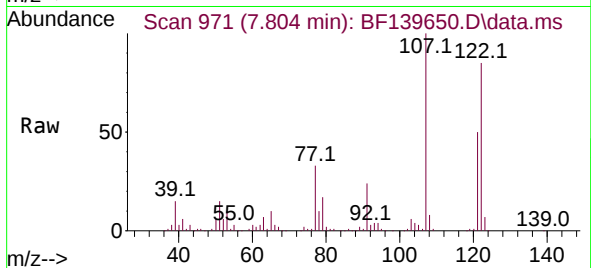
Tgt Ion:139 Resp: 156000
Ion Ratio Lower Upper
139 100
109 33.2 24.9 37.3
65 62.1 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 59.804 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

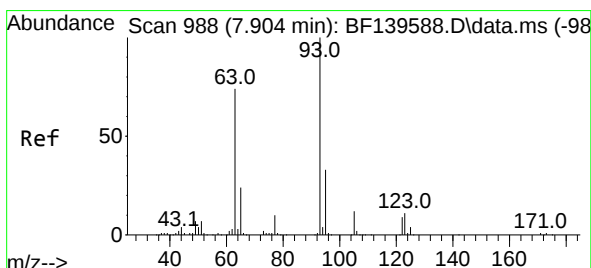
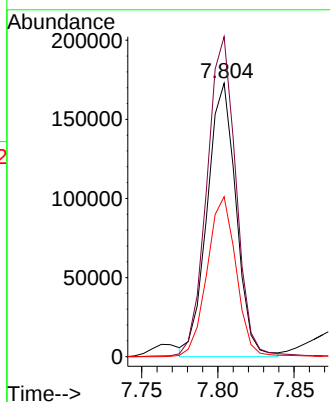
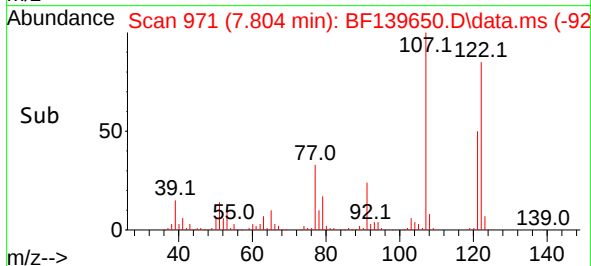
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:122 Resp: 22871
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 58.5 47.4 71.2

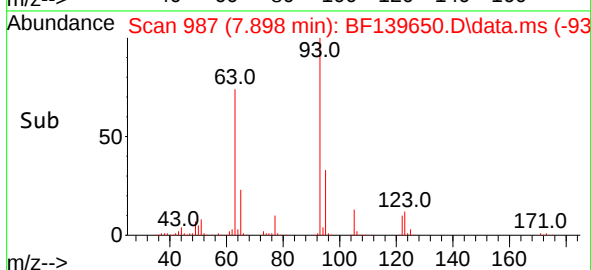
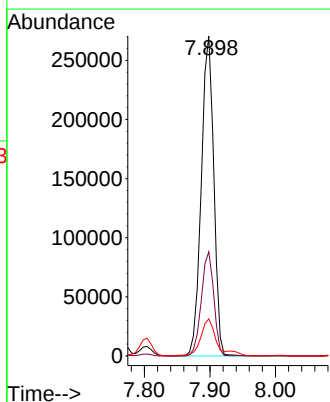
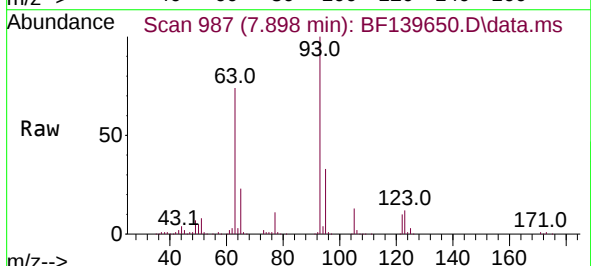
Manual Integrations
APPROVED

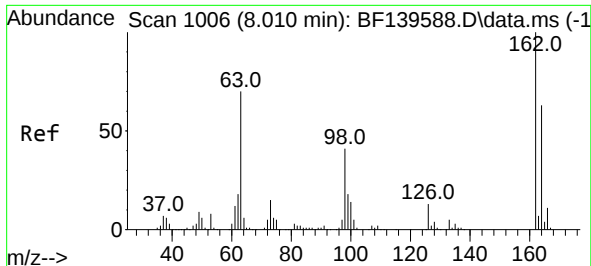
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.356 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

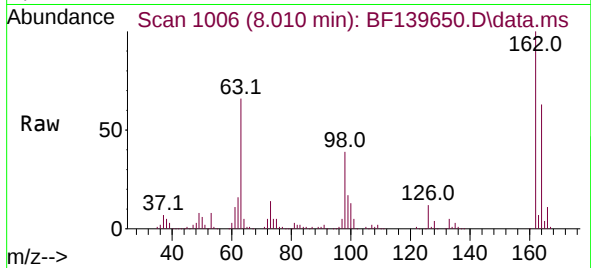
Tgt Ion: 93 Resp: 359907
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.6 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 50.175 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

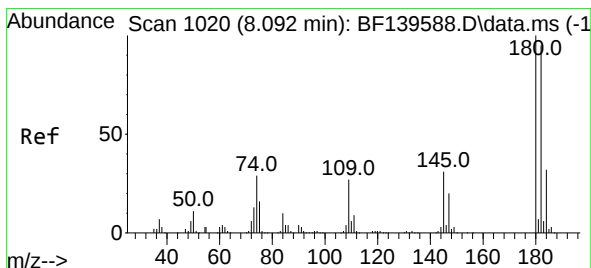
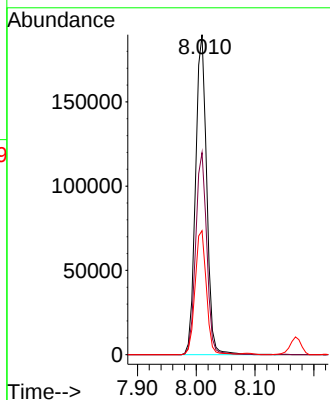
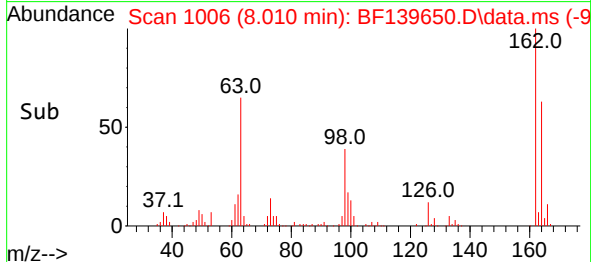
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:162 Resp: 25028
Ion Ratio Lower Upper
162 100
164 63.1 43.1 83.1
98 38.8 20.8 60.8

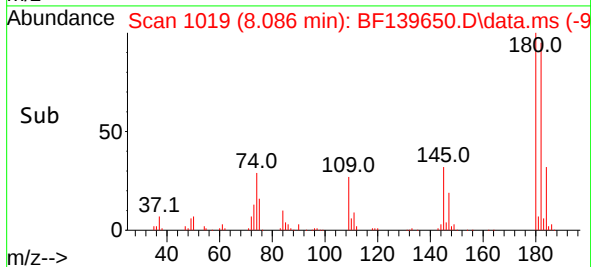
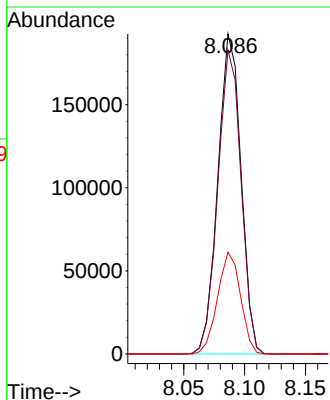
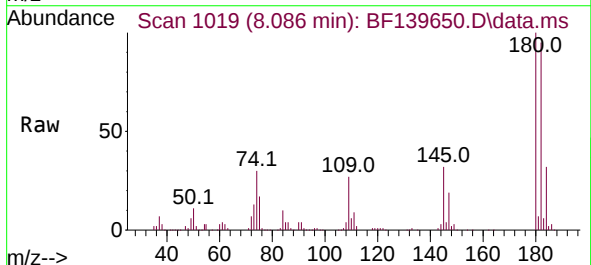
Manual Integrations
APPROVED

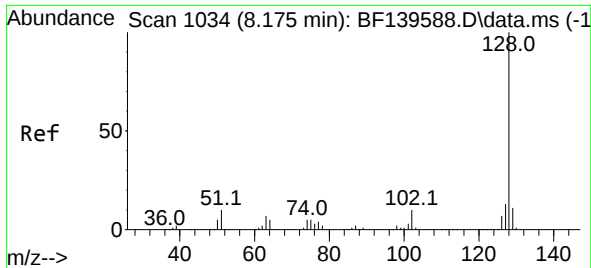
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.110 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

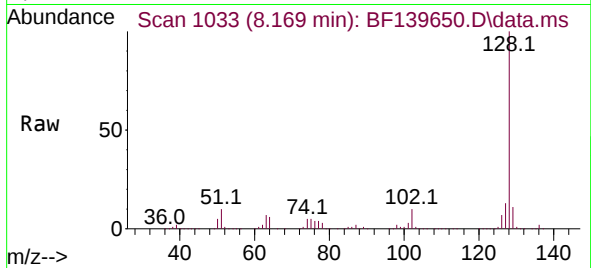
Tgt Ion:180 Resp: 254477
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 47.369 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

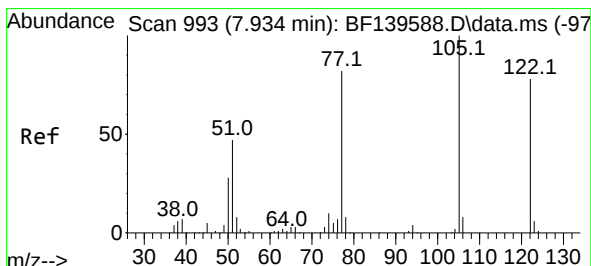
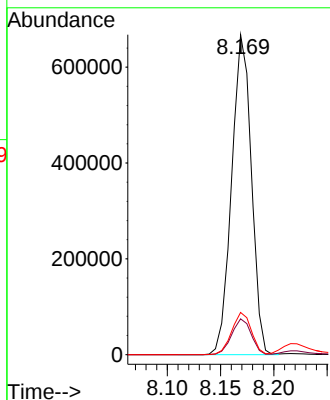
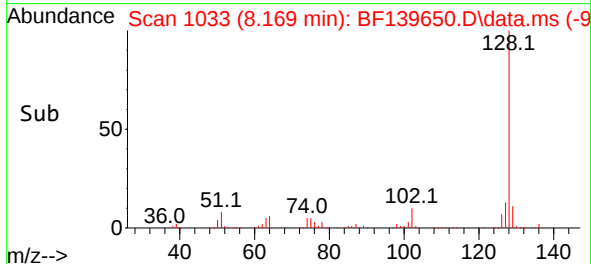
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



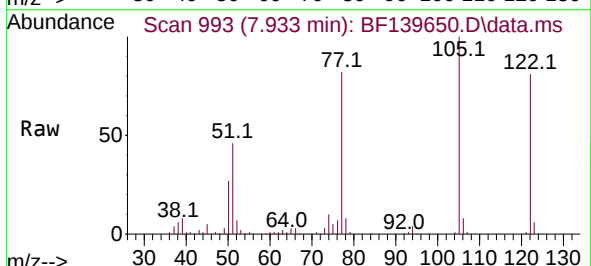
Tgt Ion:128 Resp: 860538
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7

Manual Integrations
APPROVED

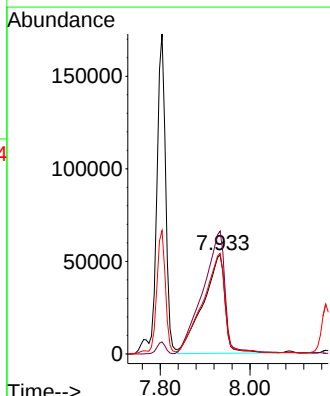
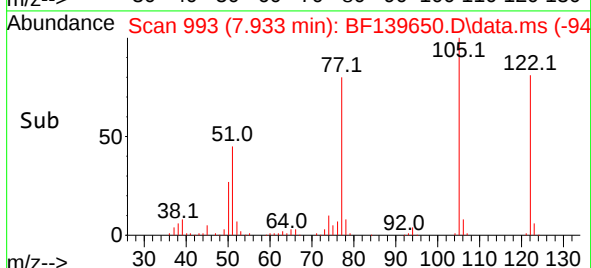
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

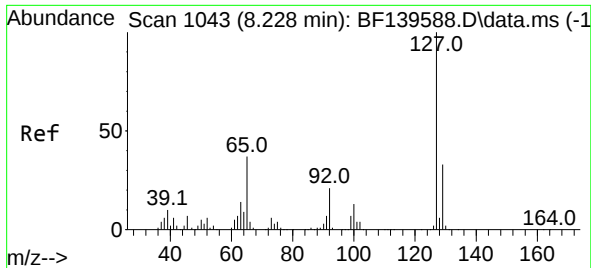


#32
Benzoic acid
Concen: 47.547 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:122 Resp: 180811
Ion Ratio Lower Upper
122 100
105 123.8 104.9 144.9
77 101.5 82.7 122.7





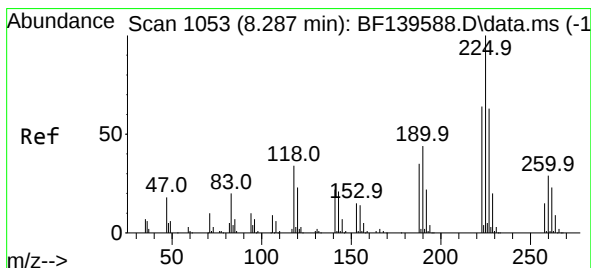
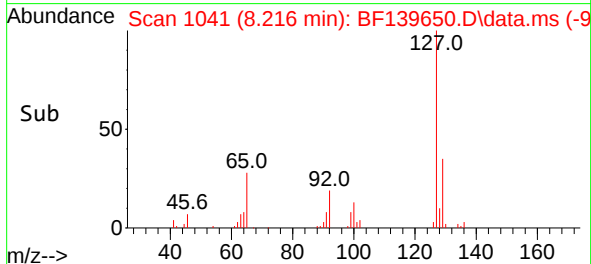
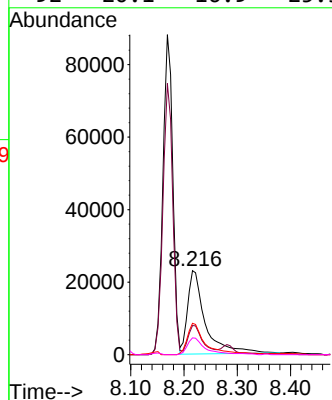
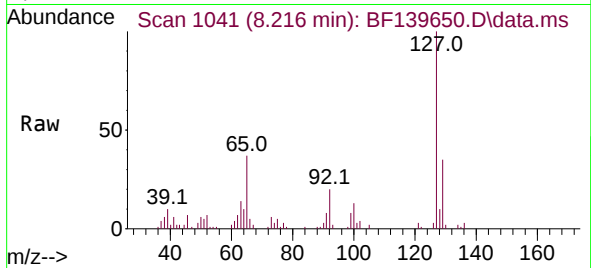
#33
4-Chloroaniline
Concen: 8.622 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:	127	Resp:	53010
Ion Ratio	Lower	Upper	
127	100		
129	34.7	26.2	39.4
65	37.3	29.3	43.9
92	20.1	16.9	25.3

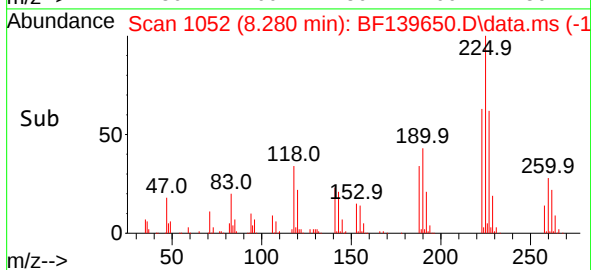
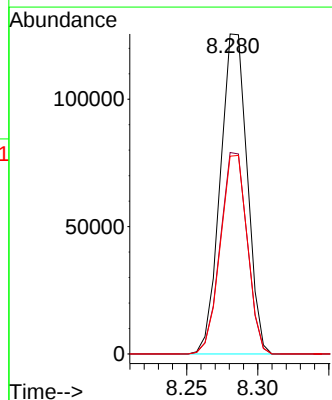
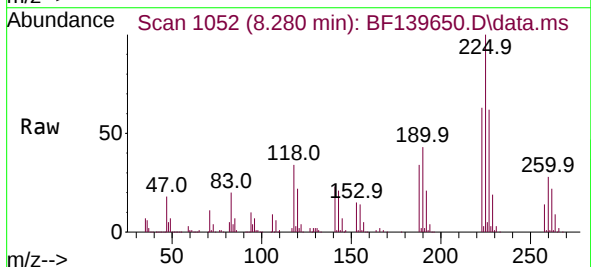
Manual Integrations
APPROVED

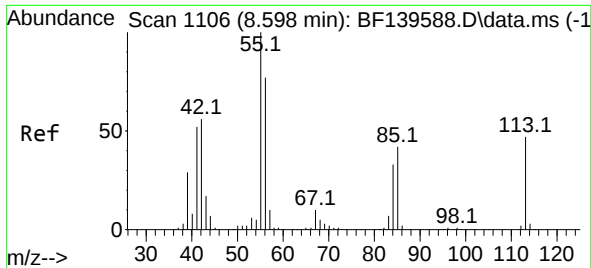
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 45.385 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

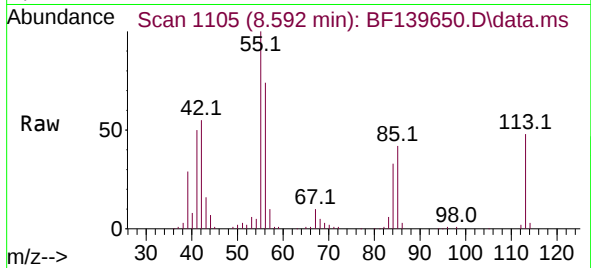
Tgt Ion:	225	Resp:	165686
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.9	76.3
227	61.8	50.7	76.1





#35
Caprolactam
Concen: 44.229 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

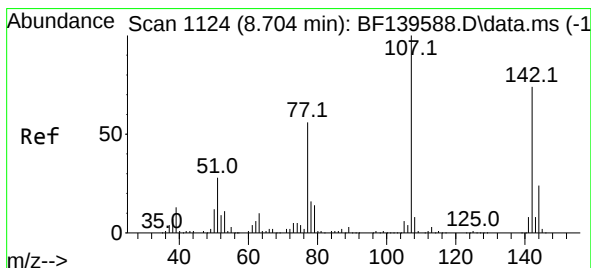
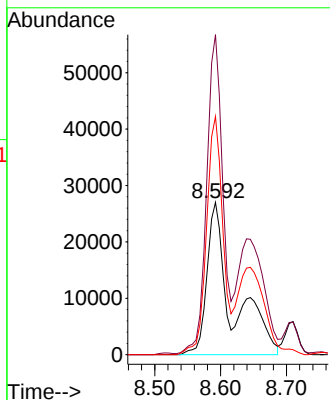
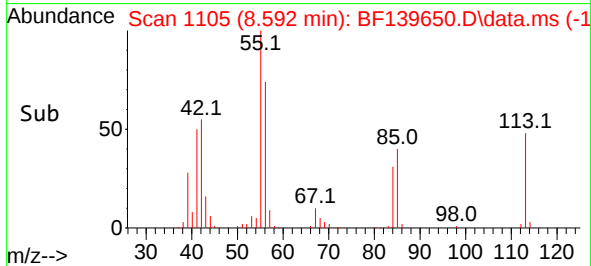
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:113 Resp: 72364
Ion Ratio Lower Upper
113 100
55 210.1 193.4 233.4
56 156.5 143.8 183.8

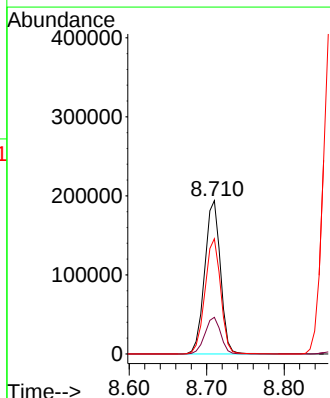
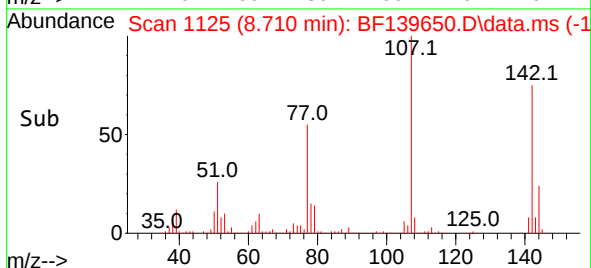
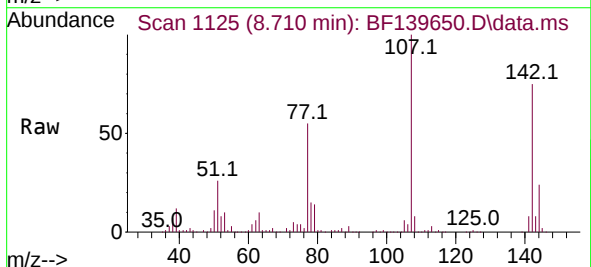
Manual Integrations
APPROVED

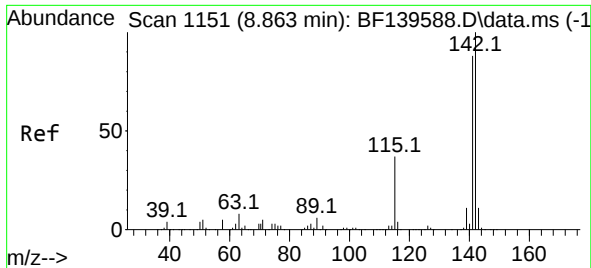
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#36
4-Chloro-3-methylphenol
Concen: 48.498 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

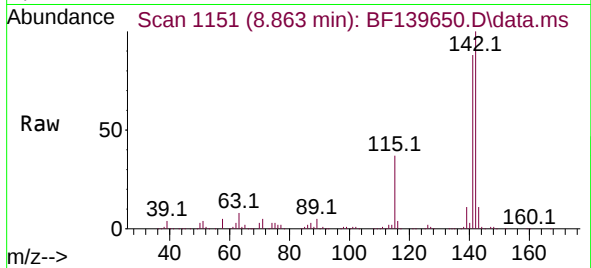
Tgt Ion:107 Resp: 273860
Ion Ratio Lower Upper
107 100
144 23.9 19.0 28.6
142 75.2 59.2 88.8





#37
2-Methylnaphthalene
Concen: 47.961 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

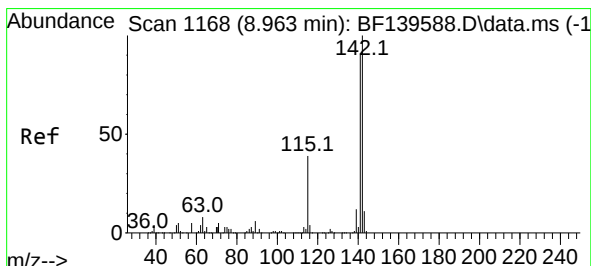
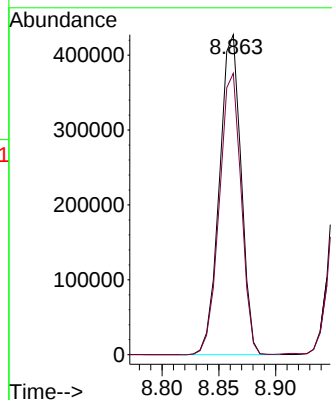
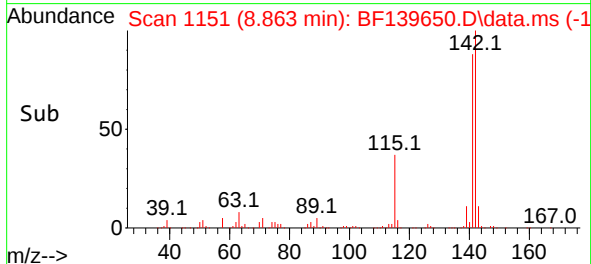
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:142 Resp: 56745
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6

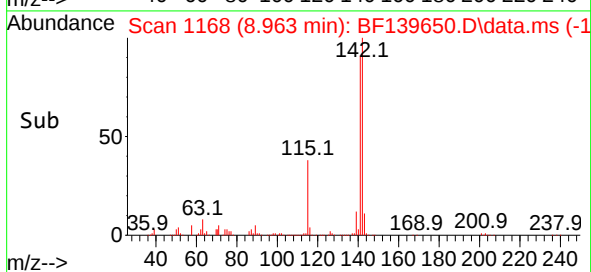
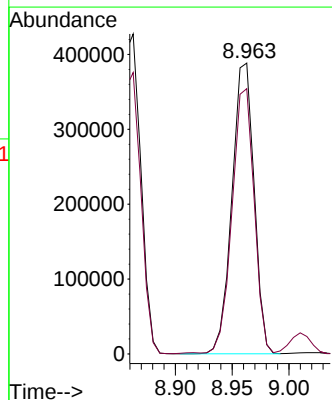
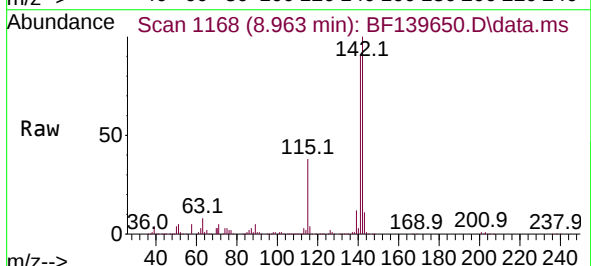
Manual Integrations
APPROVED

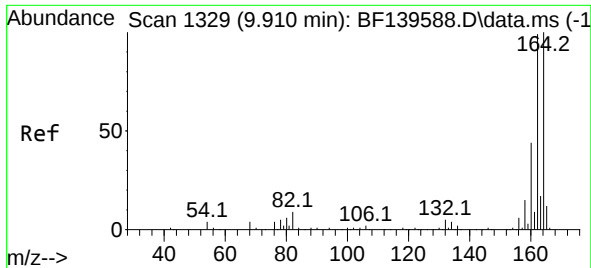
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 45.461 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

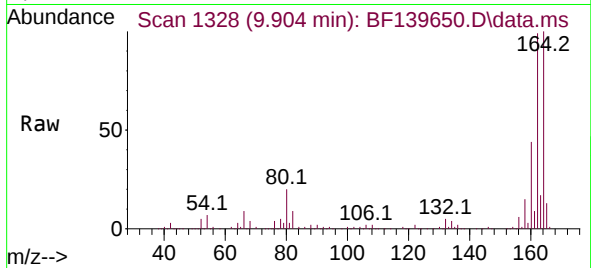
Tgt Ion:142 Resp: 525759
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

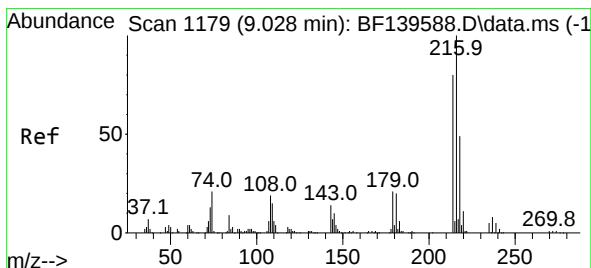
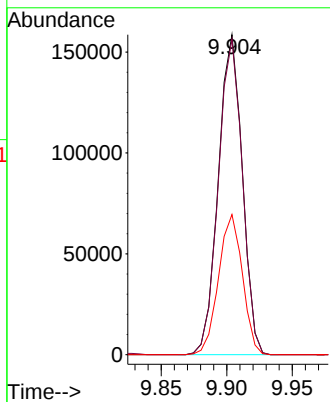
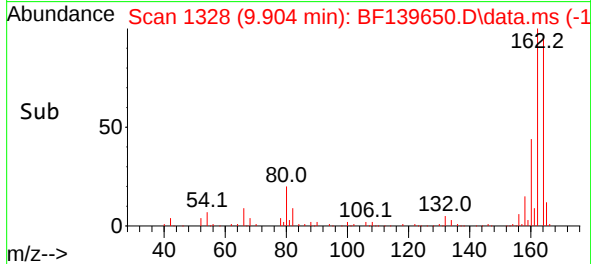
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:164 Resp: 20155
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.8 35.1 52.7

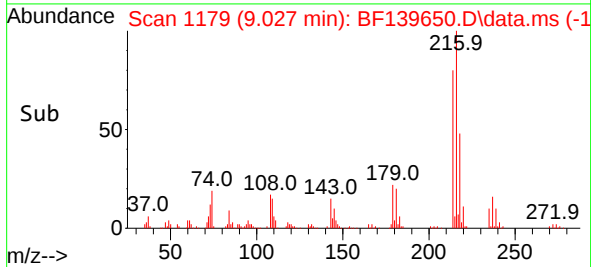
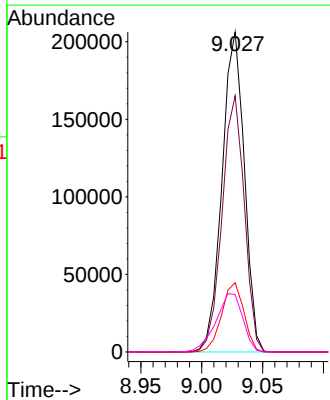
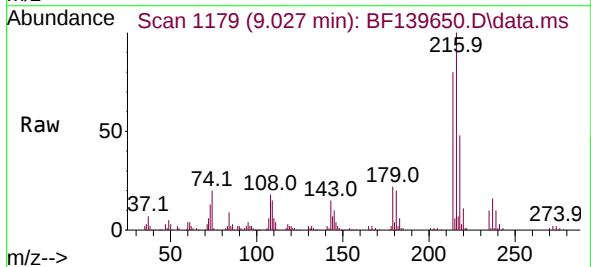
Manual Integrations
APPROVED

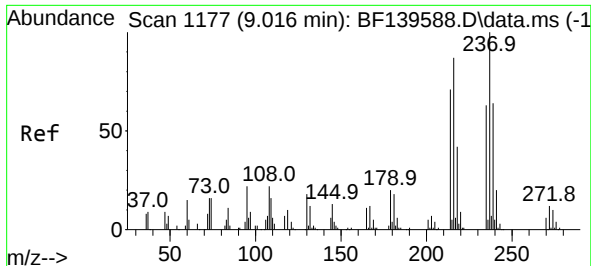
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.969 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

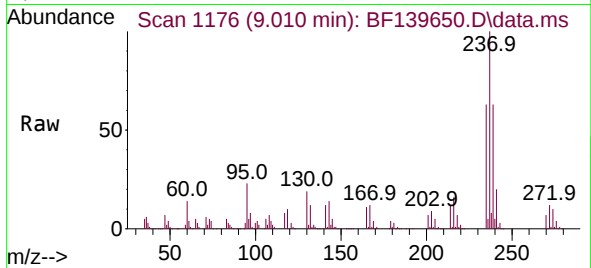
Tgt Ion:216 Resp: 262879
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.6 16.9 25.3
108 22.0 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 173.801 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

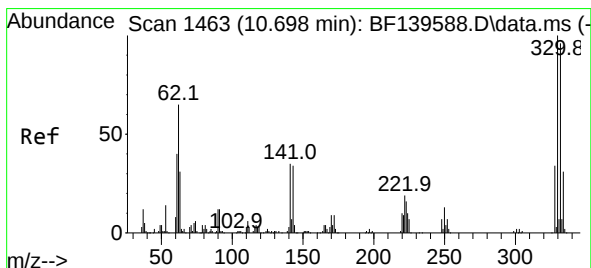
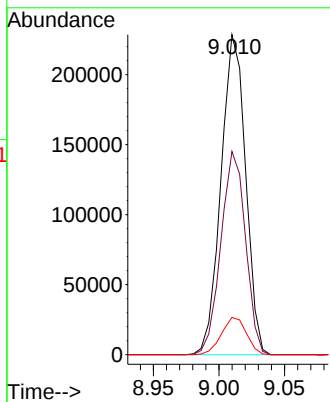
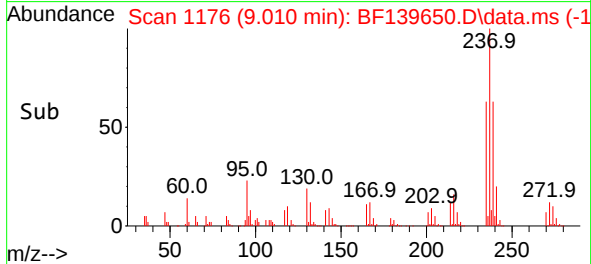
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



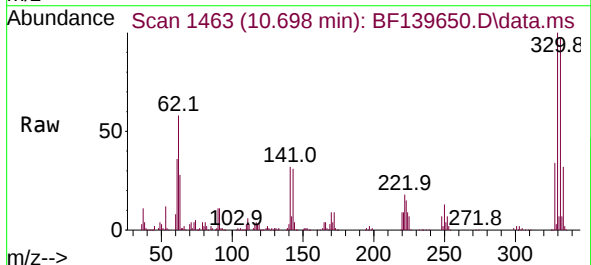
Tgt Ion:237 Resp: 29826
Ion Ratio Lower Upper
237 100
235 63.5 42.5 82.5
272 11.7 0.0 32.1

Manual Integrations
APPROVED

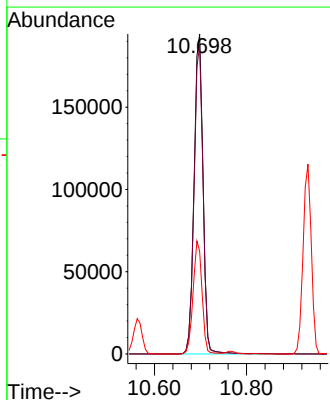
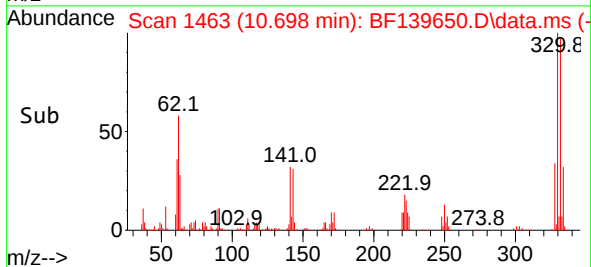
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

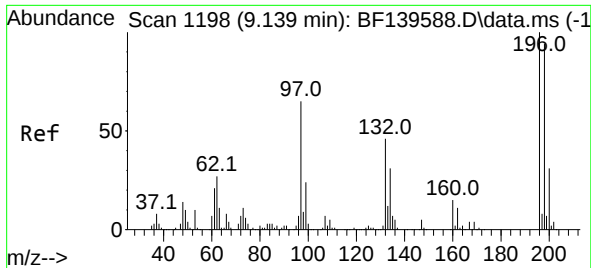


#42
2,4,6-Tribromophenol
Concen: 134.268 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



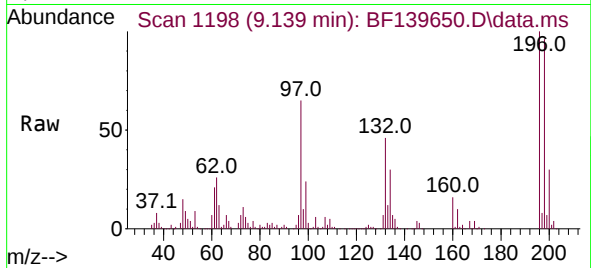
Tgt Ion:330 Resp: 261240
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 35.2 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 48.587 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

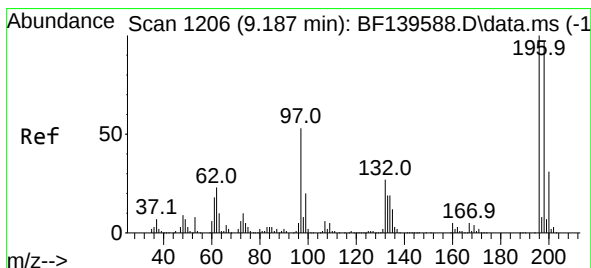
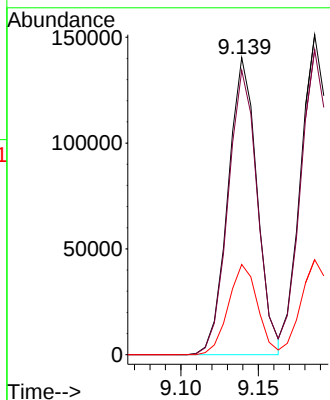
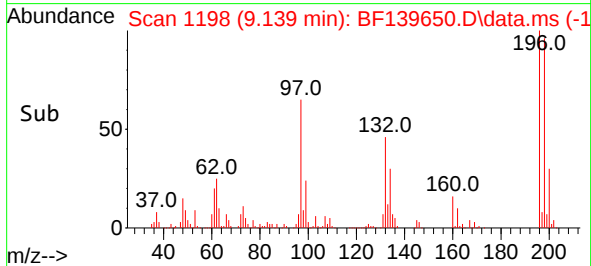
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:196 Resp: 18331
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
200 30.4 24.6 37.0

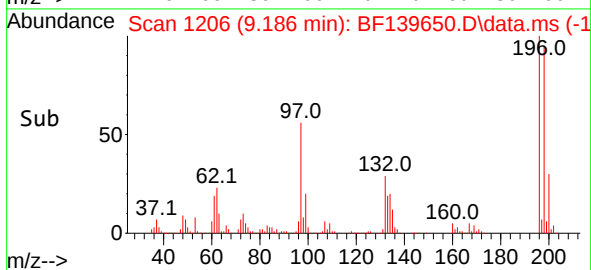
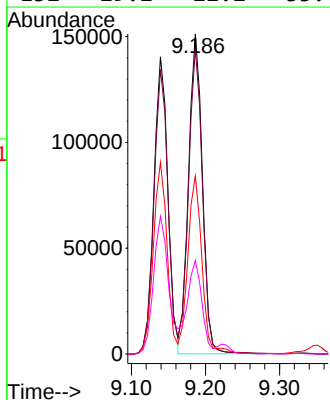
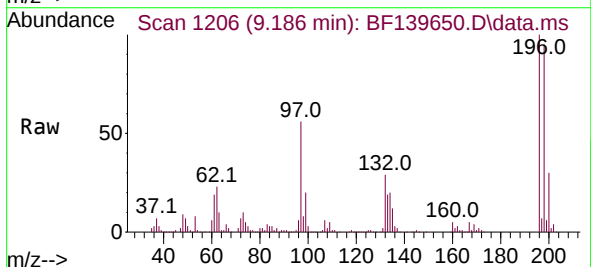
Manual Integrations
APPROVED

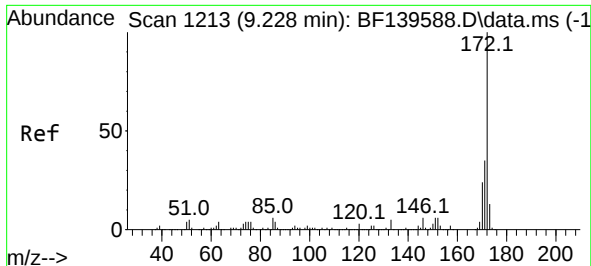
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#44
2,4,5-Trichlorophenol
Concen: 48.475 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

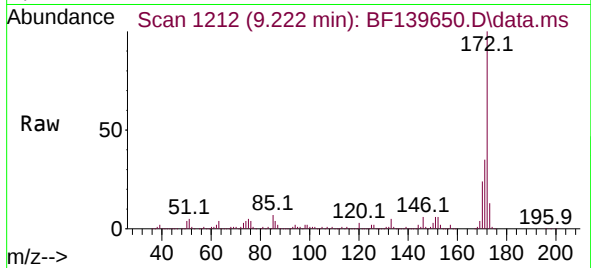
Tgt Ion:196 Resp: 197240
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 55.7 43.1 64.7
132 29.2 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 90.752 ng
RT: 9.222 min Scan# 1191480
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

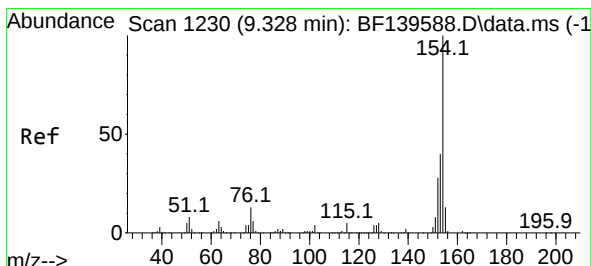
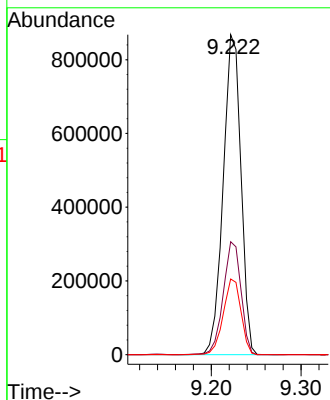
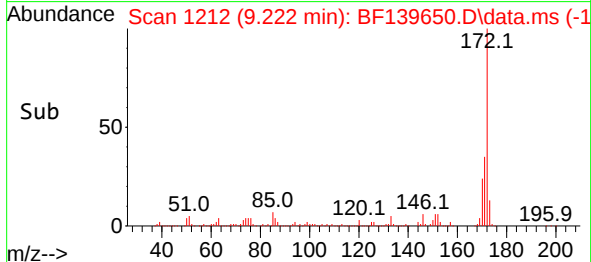
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



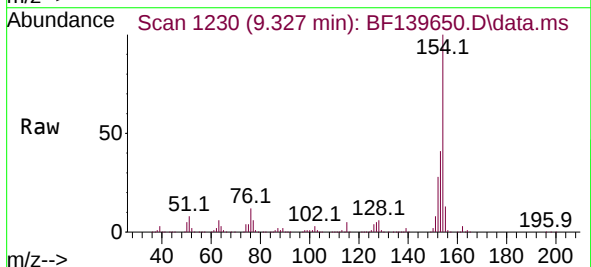
Tgt Ion:172 Resp: 1191480
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.7 18.8 28.2

Manual Integrations
APPROVED

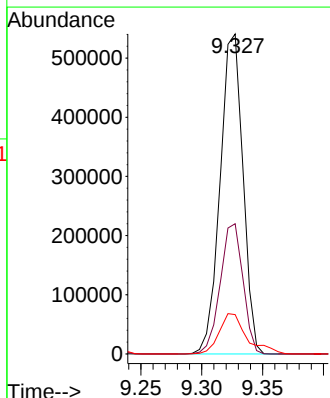
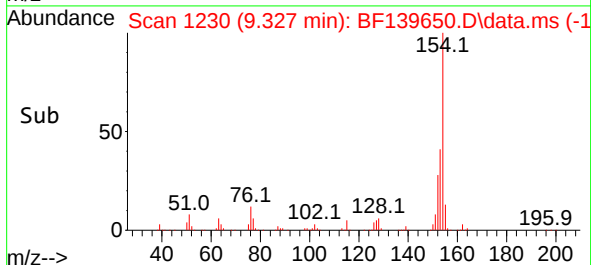
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

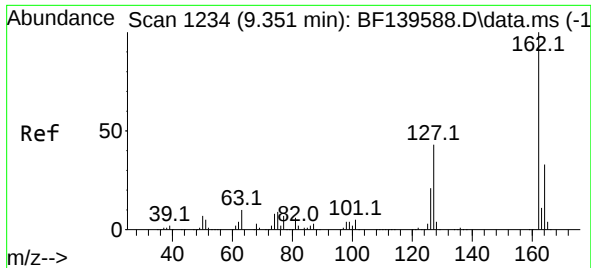


#46
1,1'-Biphenyl
Concen: 47.047 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:154 Resp: 705272
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 12.3 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.836 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:162 Resp: 526350

Ion Ratio Lower Upper

162 100

127 42.6 35.0 52.4

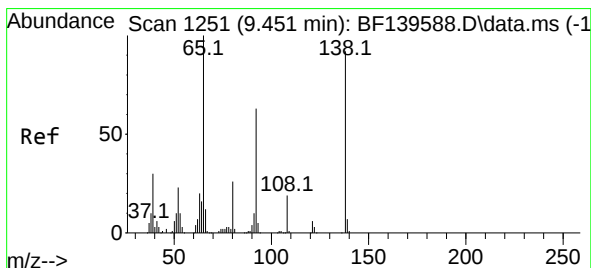
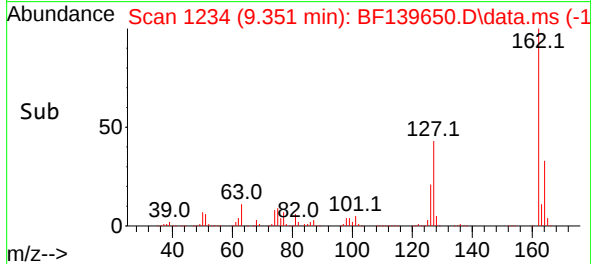
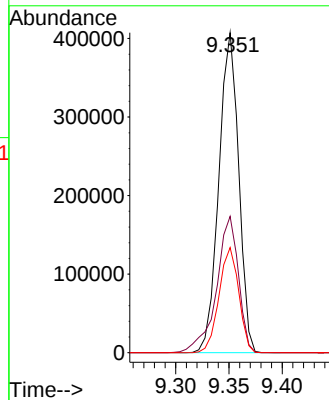
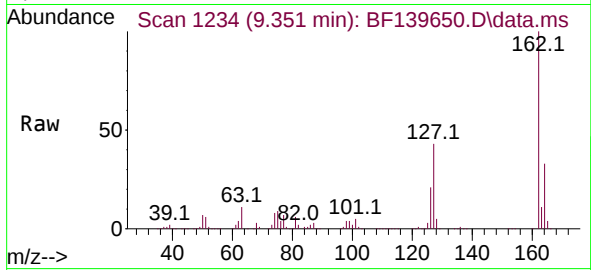
164 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#48

2-Nitroaniline

Concen: 49.686 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

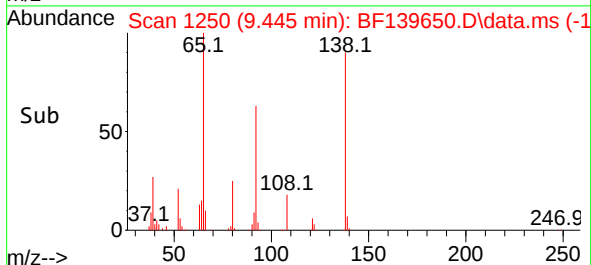
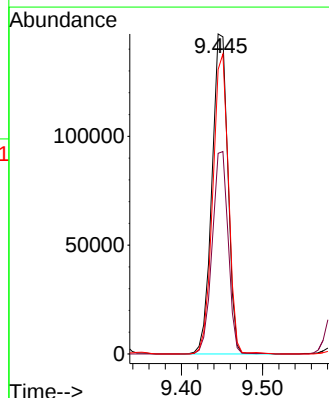
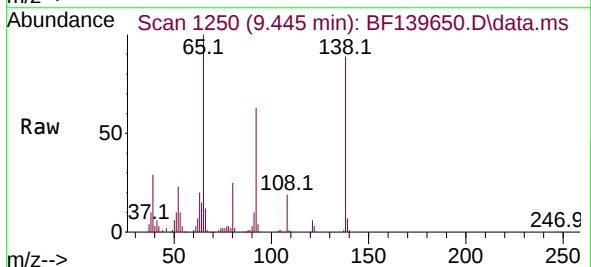
Tgt Ion: 65 Resp: 200445

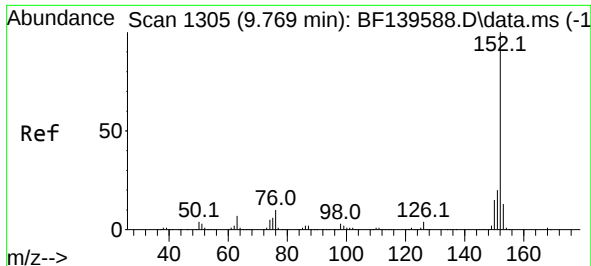
Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

138 88.9 73.8 110.8





#49

Acenaphthylene

Concen: 51.154 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

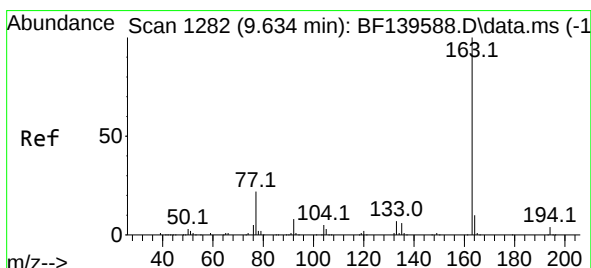
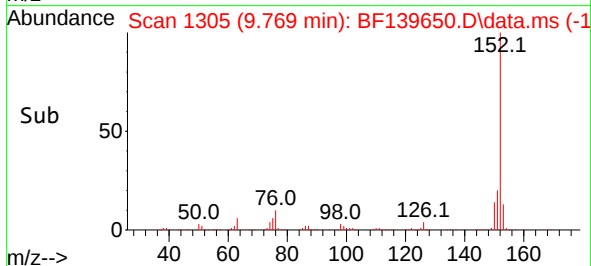
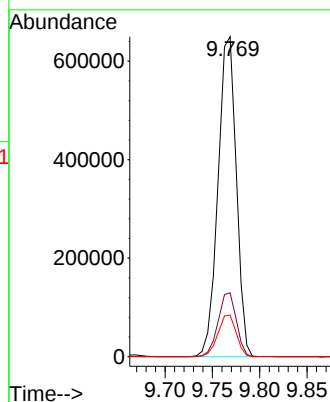
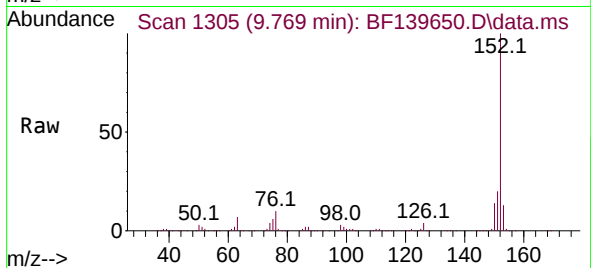
Tgt Ion:152 Resp: 87427
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.0 24.0
 153 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#50

Dimethylphthalate

Concen: 49.363 ng

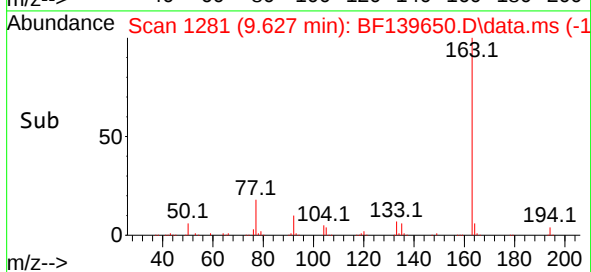
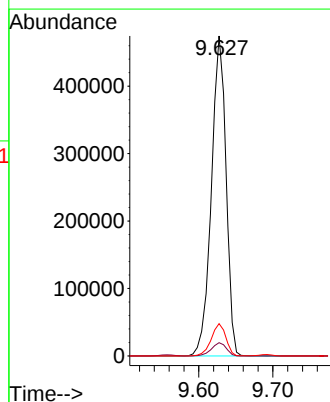
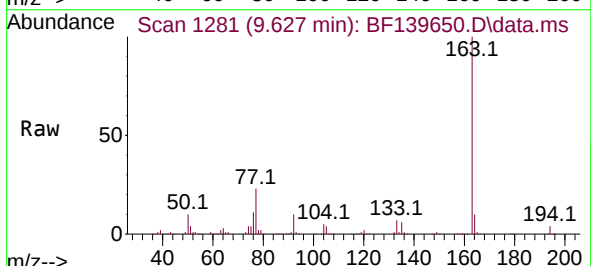
RT: 9.627 min Scan# 1281

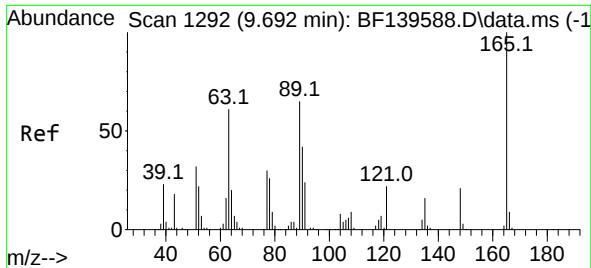
Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

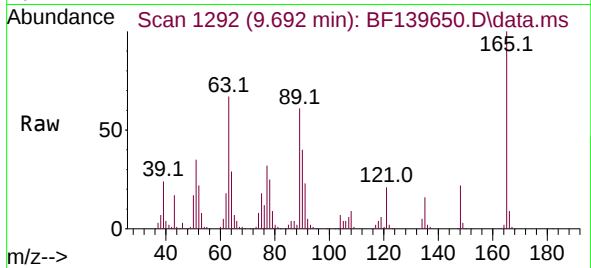
Tgt Ion:163 Resp: 651283
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.207 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

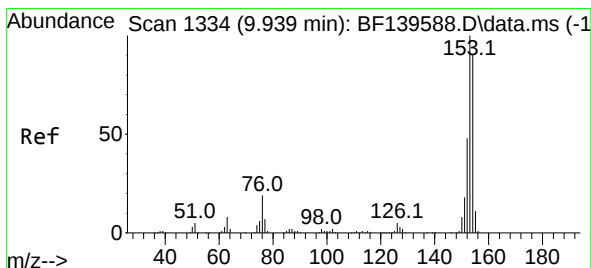
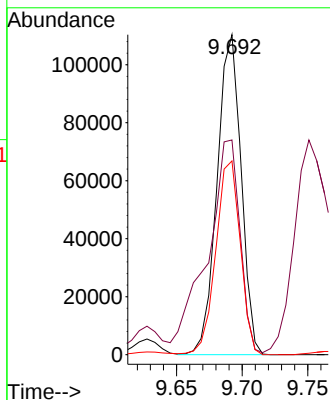
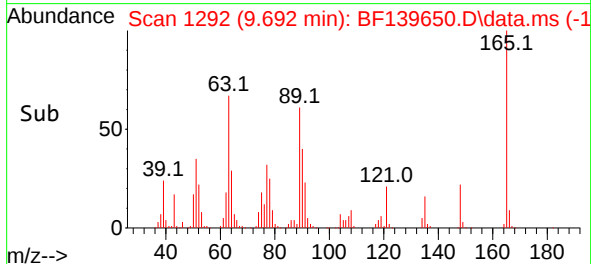
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:165 Resp: 140697
Ion Ratio Lower Upper
165 100
63 67.1 56.7 85.1
89 60.6 51.6 77.4

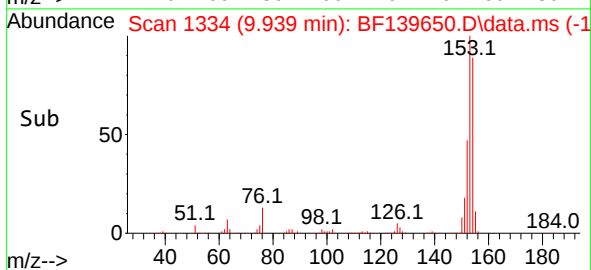
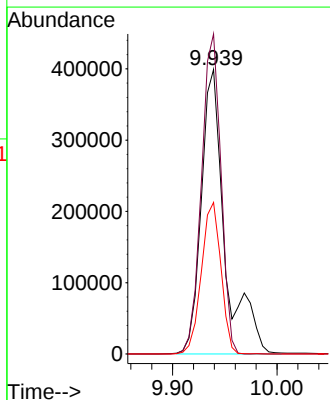
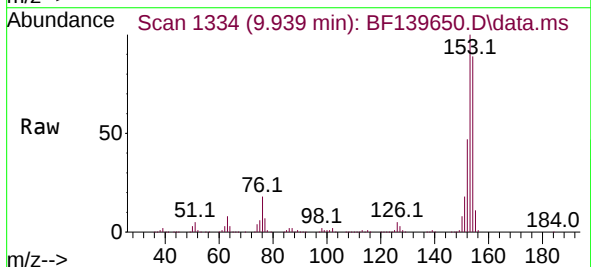
Manual Integrations
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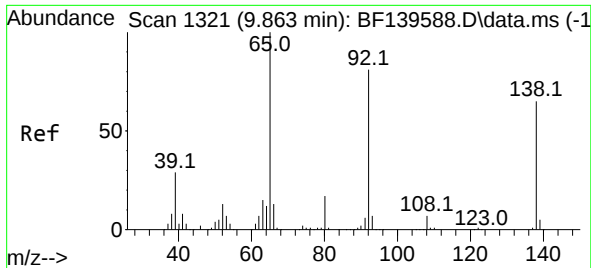
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#52
Acenaphthene
Concen: 53.836 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:154 Resp: 631656
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 53.2 42.5 63.7





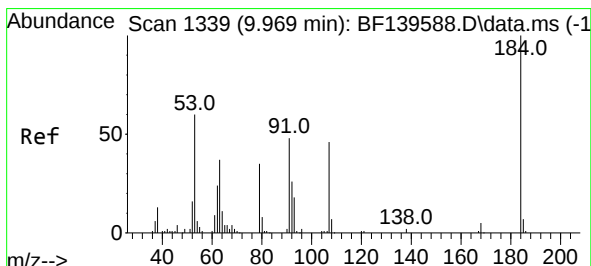
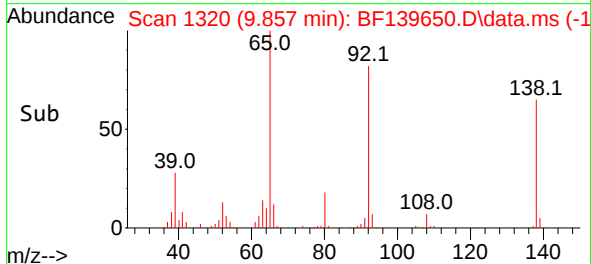
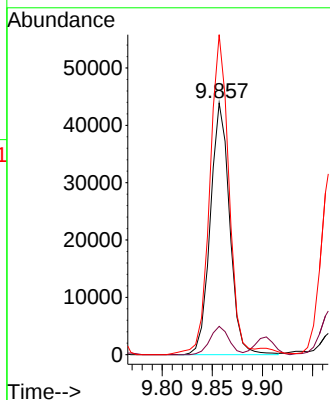
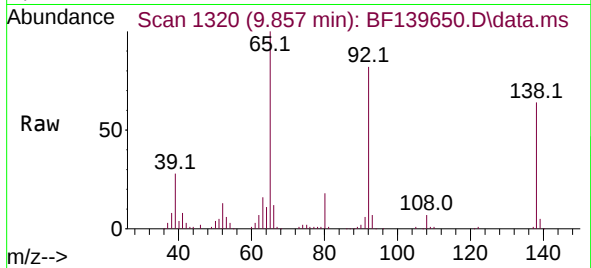
#53
3-Nitroaniline
Concen: 19.282 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:138 Resp: 58728
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 127.1 100.0 150.0

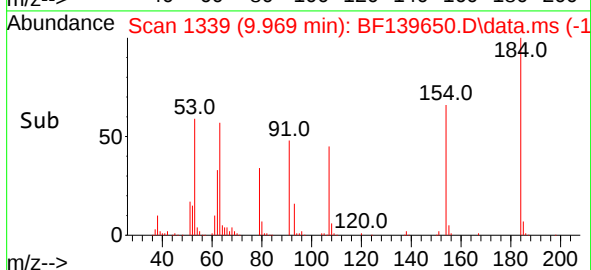
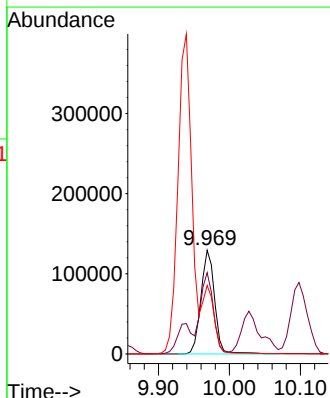
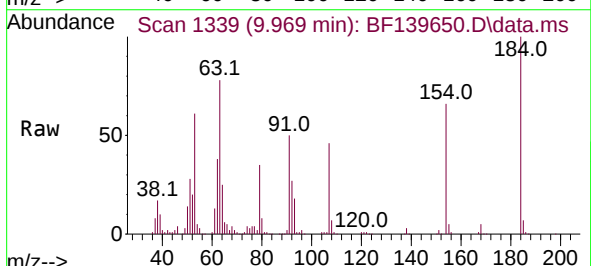
Manual Integrations
APPROVED

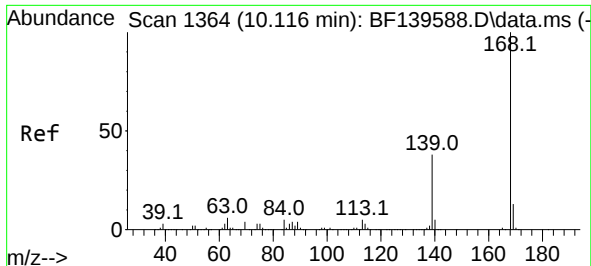
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#54
2,4-Dinitrophenol
Concen: 108.942 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

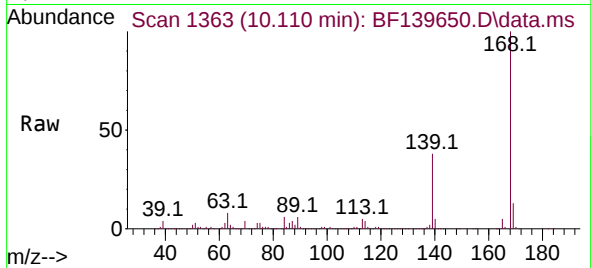
Tgt Ion:184 Resp: 174641
Ion Ratio Lower Upper
184 100
63 78.4 61.7 92.5
154 66.0 53.0 79.4





#55
Dibenzenofuran
Concen: 48.375 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

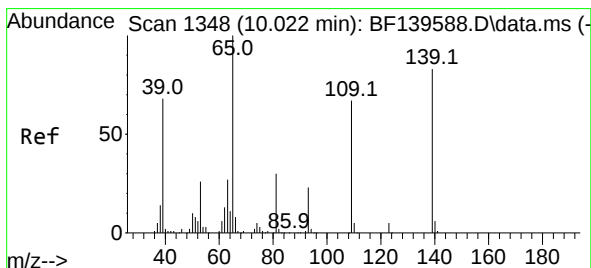
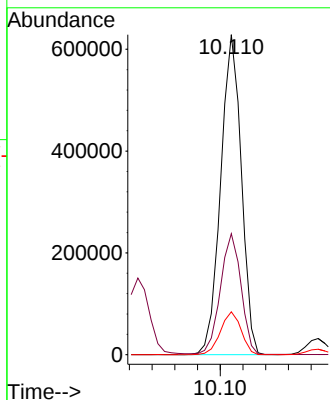
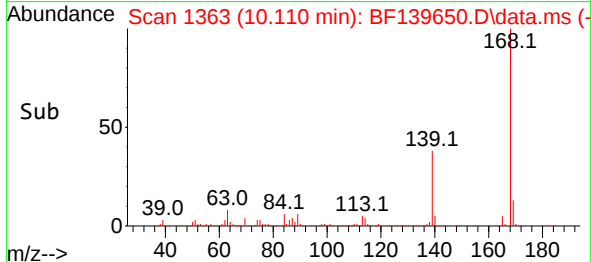
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:168 Resp: 79468
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 13.4 10.7 16.1

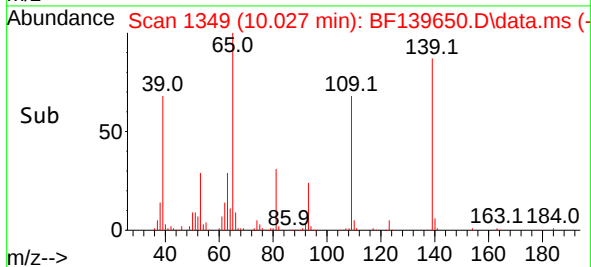
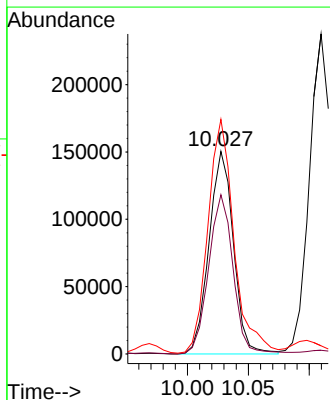
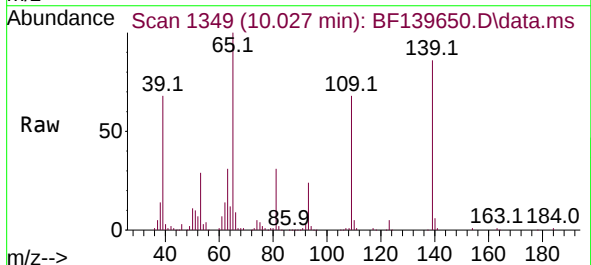
Manual Integrations
APPROVED

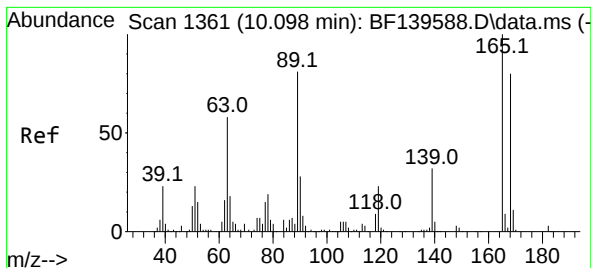
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#56
4-Nitrophenol
Concen: 90.601 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:139 Resp: 210435
Ion Ratio Lower Upper
139 100
109 78.6 60.3 100.3
65 115.7 100.8 140.8





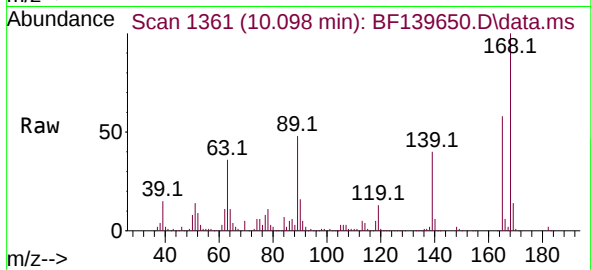
#57
2,4-Dinitrotoluene
Concen: 48.520 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

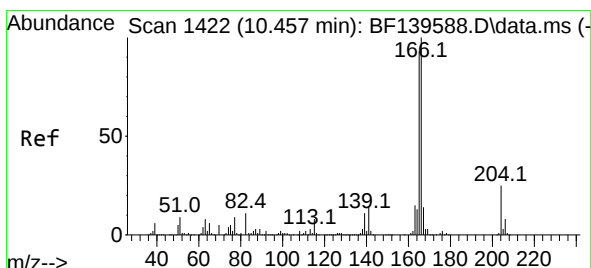
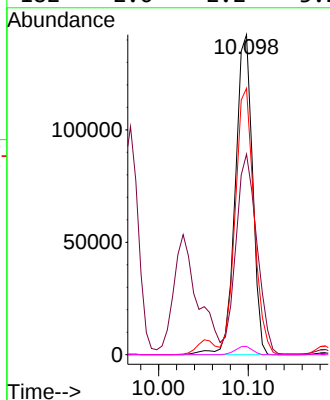
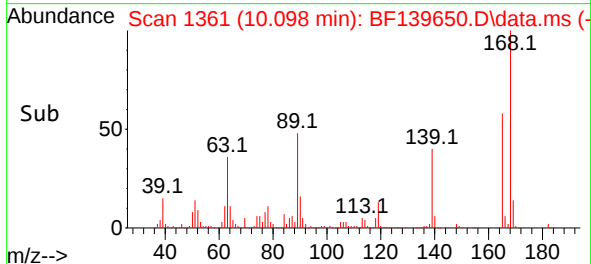


Tgt Ion:165 Resp: 189024
Ion Ratio Lower Upper
165 100
63 62.7 46.9 70.3
89 83.3 64.4 96.6
182 2.6 2.2 3.2

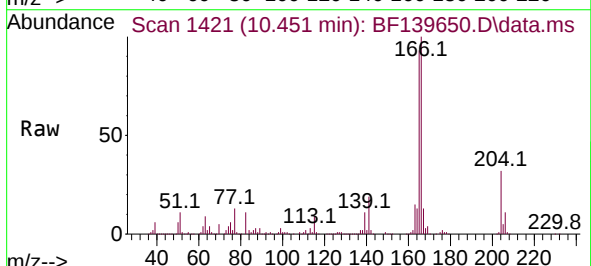
Manual Integrations

APPROVED

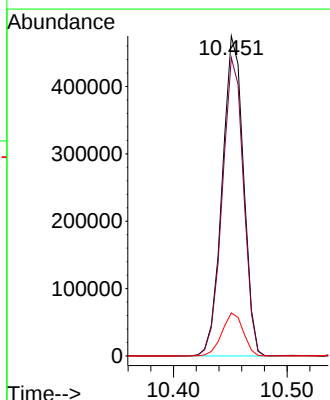
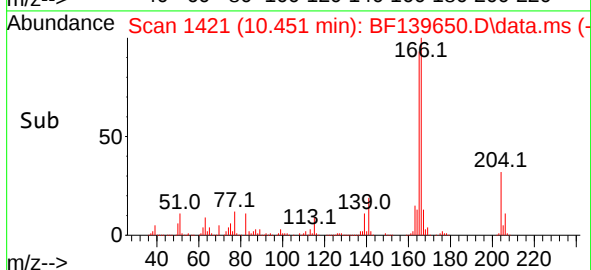
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

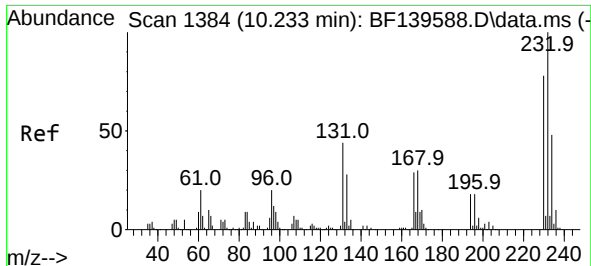


#58
Fluorene
Concen: 47.283 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



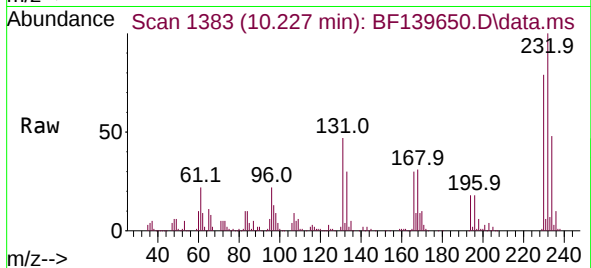
Tgt Ion:166 Resp: 618662
Ion Ratio Lower Upper
166 100
165 93.2 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.625 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

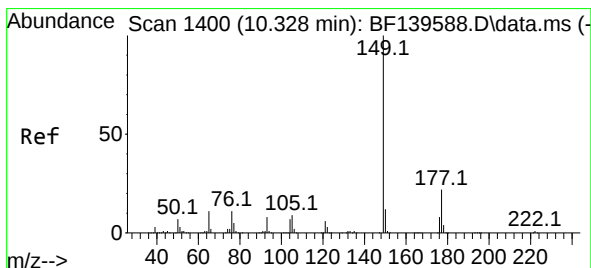
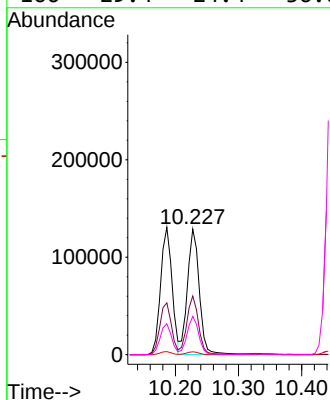
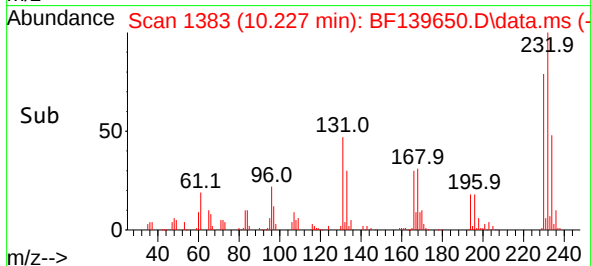
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:232 Resp: 169658
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.6
130 2.3 1.9 2.9
166 29.4 24.4 36.6

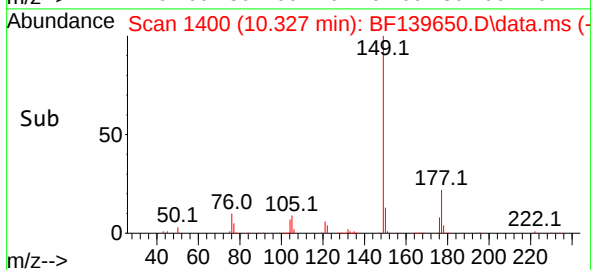
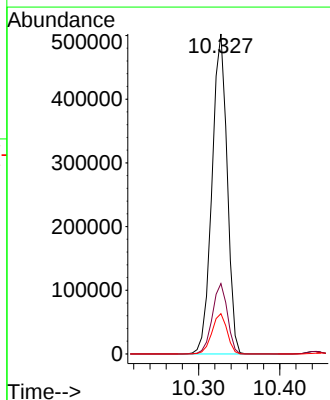
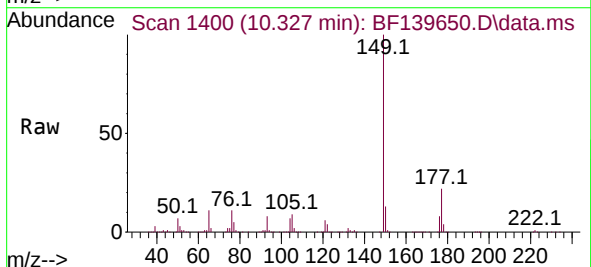
Manual Integrations
APPROVED

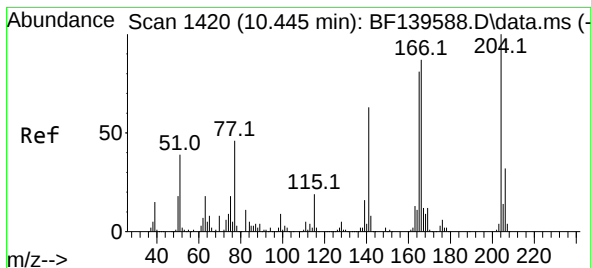
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#60
Diethylphthalate
Concen: 47.730 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

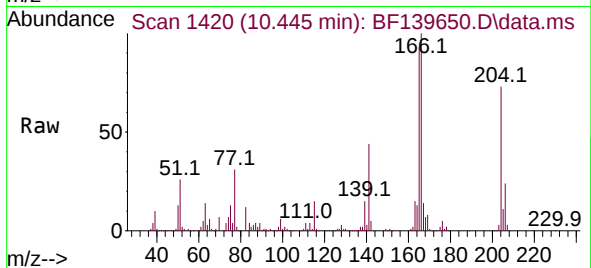
Tgt Ion:149 Resp: 650450
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.016 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

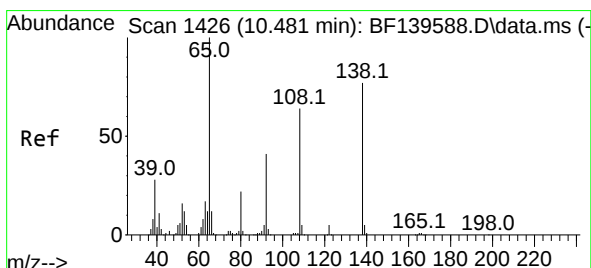
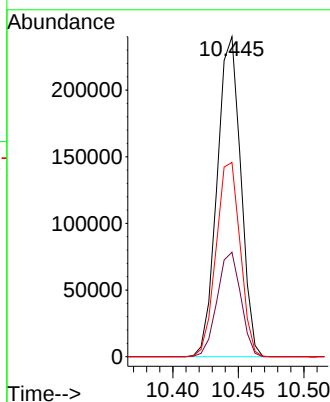
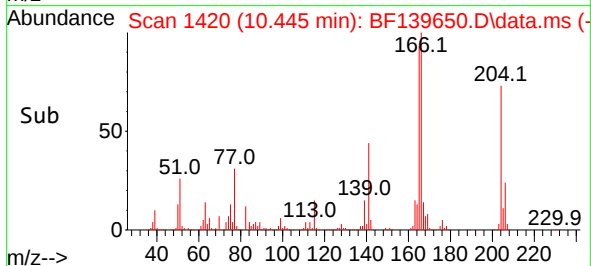
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion:204 Resp: 301210
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.7 50.5 75.7

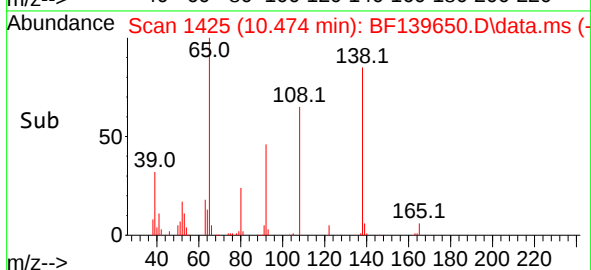
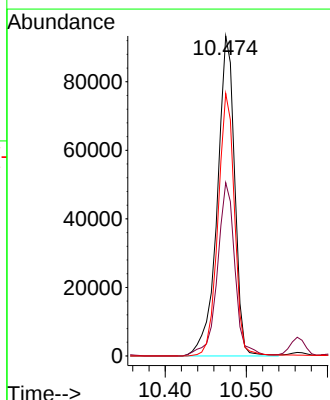
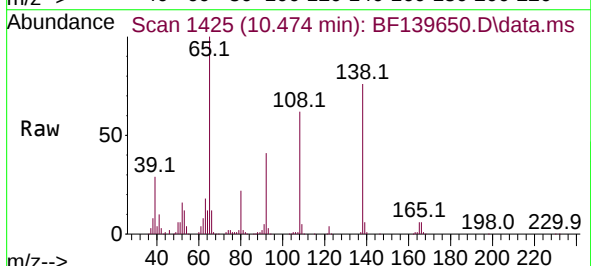
Manual Integrations
APPROVED

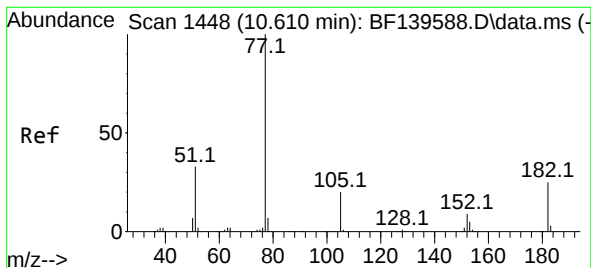
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#62
4-Nitroaniline
Concen: 44.756 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

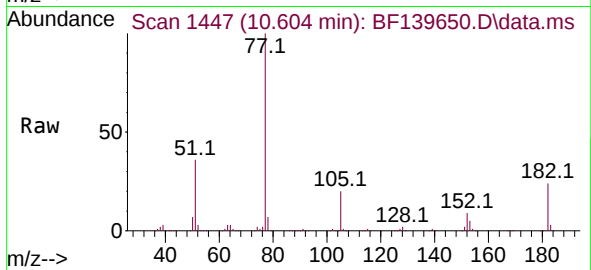
Tgt Ion:138 Resp: 139434
Ion Ratio Lower Upper
138 100
92 54.1 33.3 73.3
108 82.1 62.1 102.1





#63
Azobenzene
Concen: 47.650 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

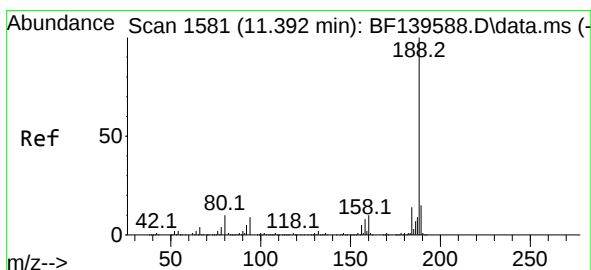
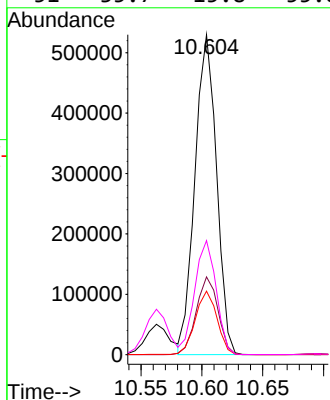
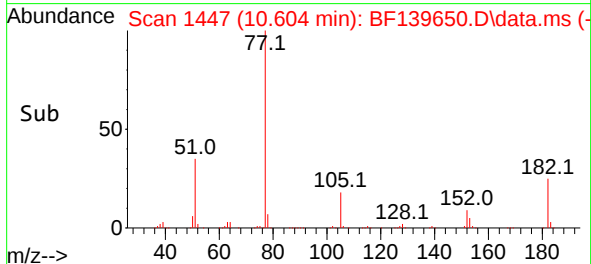
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



Tgt Ion: 77 Resp: 653038
Ion Ratio Lower Upper
77 100
182 24.3 4.2 44.2
105 19.8 0.0 39.6
51 35.7 15.8 55.8

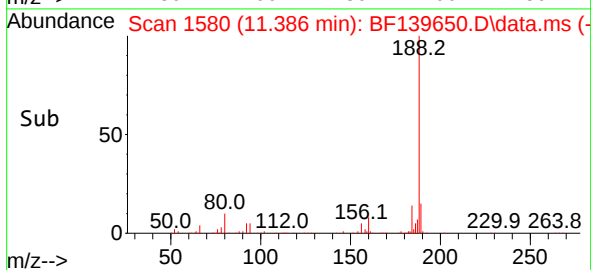
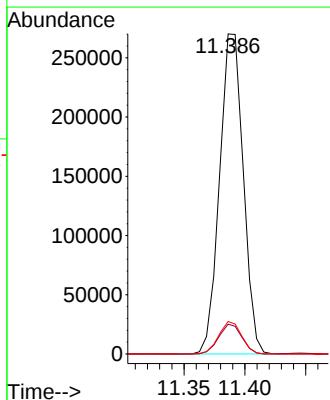
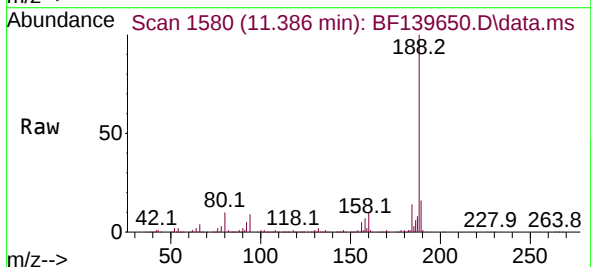
Manual Integrations
APPROVED

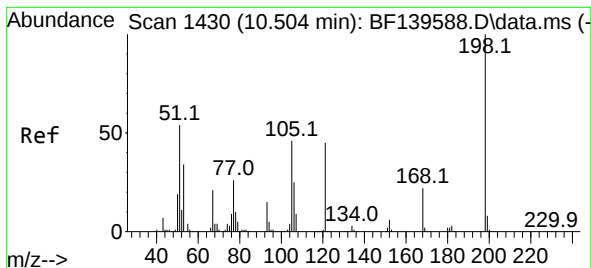
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:188 Resp: 366474
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.2 8.2 12.2





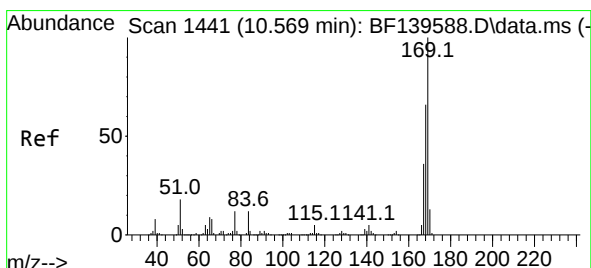
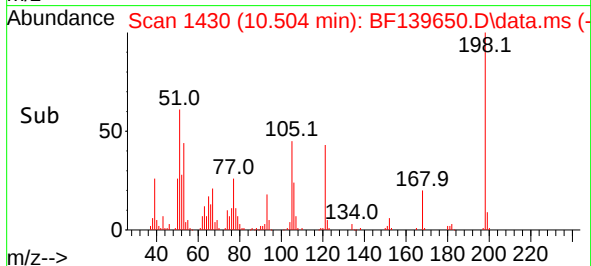
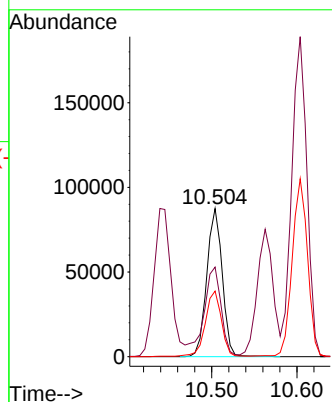
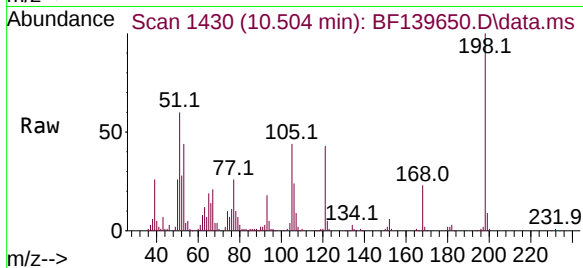
#65
4,6-Dinitro-2-methylphenol
Concen: 53.261 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :
BNA_F
ClientSampleId :
TP-QMSD

Tgt Ion:198 Resp: 110238
Ion Ratio Lower Upper
198 100
51 60.5 43.0 83.0
105 44.3 26.6 66.6

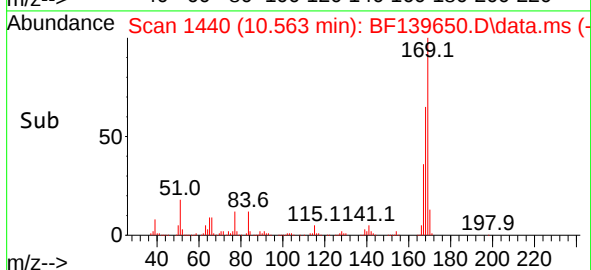
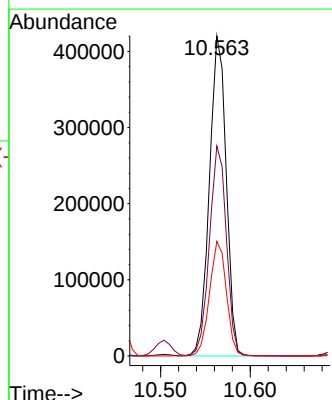
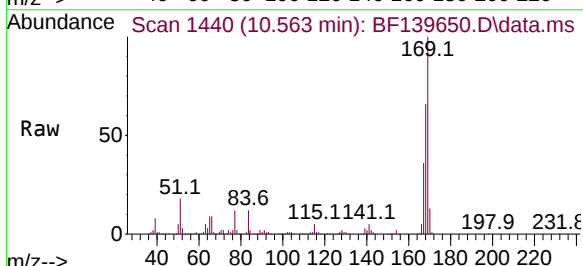
Manual Integrations
APPROVED

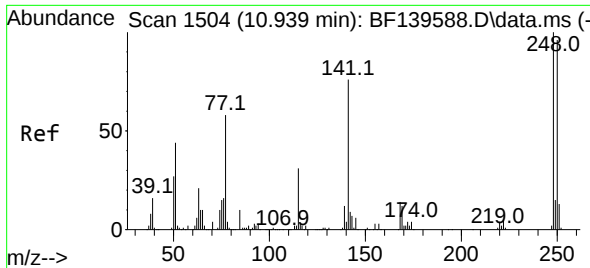
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 50.591 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:169 Resp: 546503
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 47.895 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

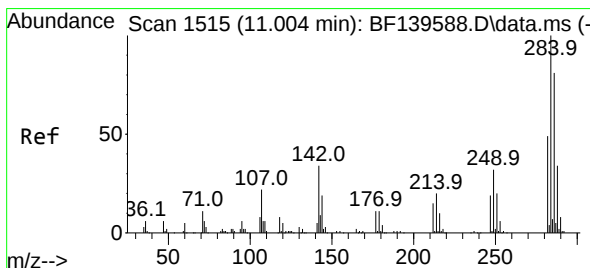
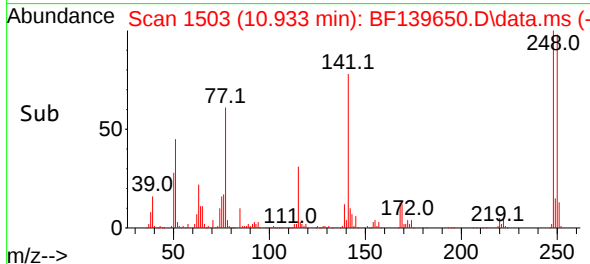
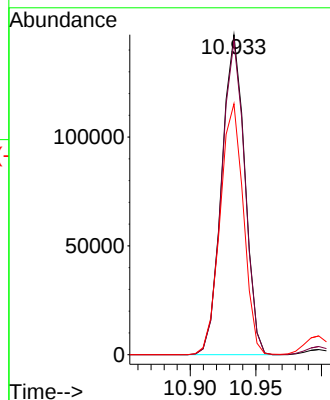
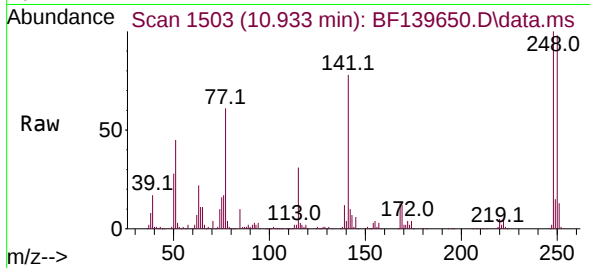
TP-QMSD

Tgt Ion:248 Resp: 17996
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 78.4 60.4 90.6

Manual Integrations

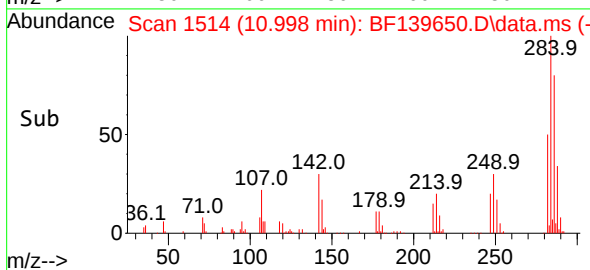
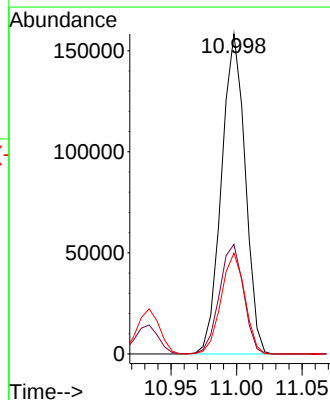
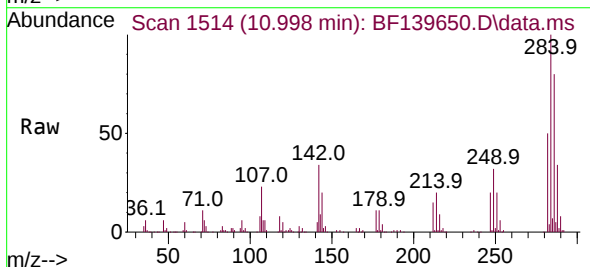
APPROVED

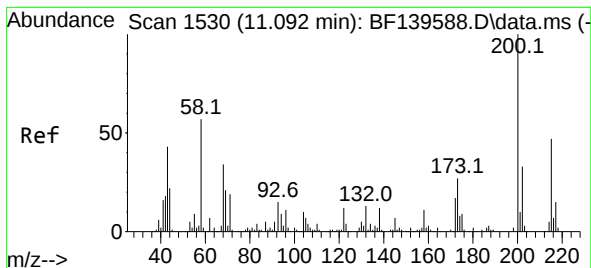
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#68
Hexachlorobenzene
Concen: 47.641 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Tgt Ion:284 Resp: 198640
Ion Ratio Lower Upper
284 100
142 34.3 26.9 40.3
249 31.5 25.4 38.0





#69

Atrazine

Concen: 55.894 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:200 Resp: 161998

Ion Ratio Lower Upper

200 100

173 27.2 6.7 46.7

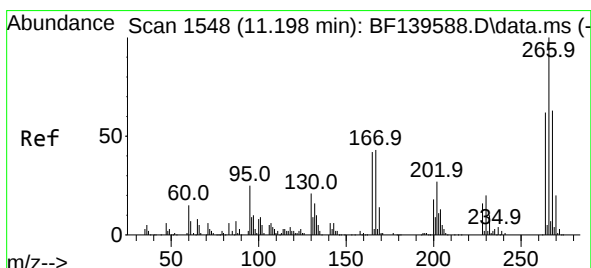
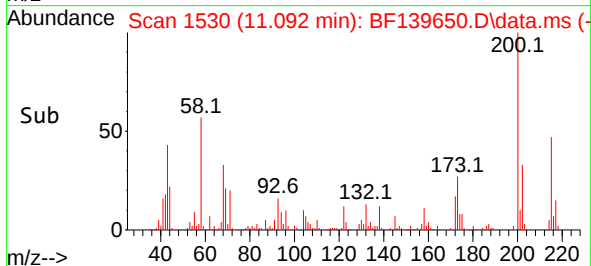
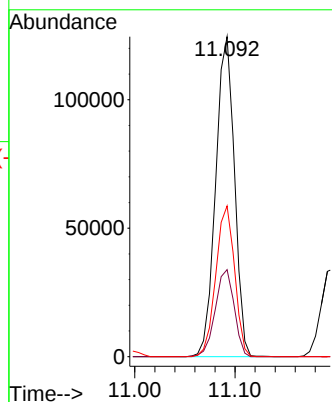
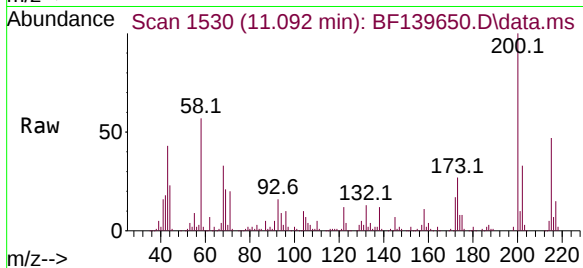
215 47.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#70

Pentachlorophenol

Concen: 100.378 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

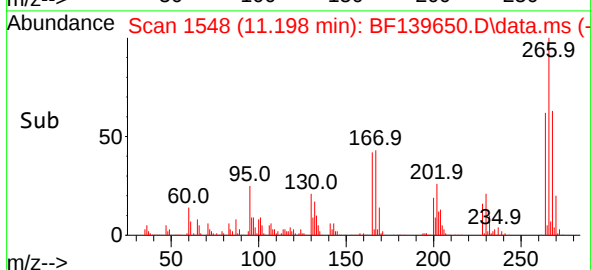
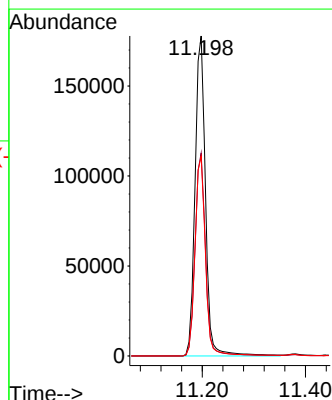
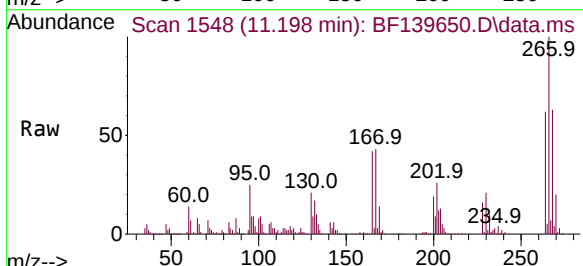
Tgt Ion:266 Resp: 249208

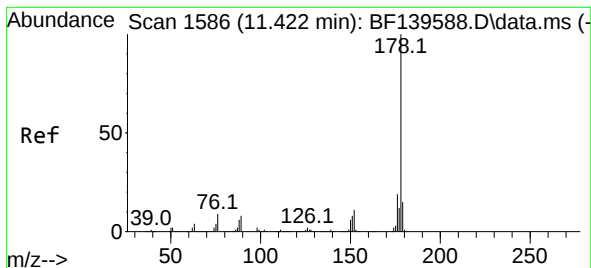
Ion Ratio Lower Upper

266 100

268 63.4 50.0 75.0

264 62.4 49.3 73.9





#71

Phenanthrene

Concen: 50.240 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:178 Resp: 86812

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

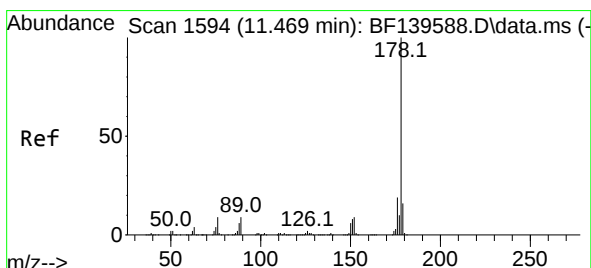
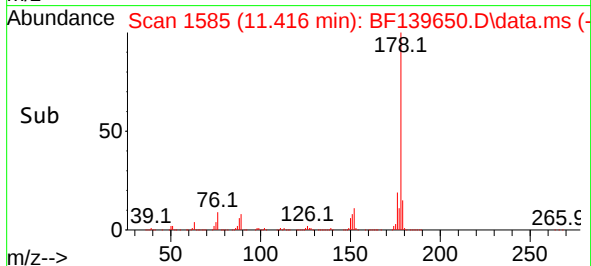
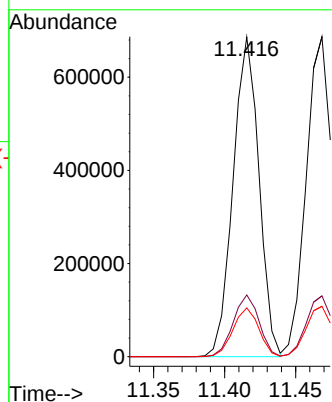
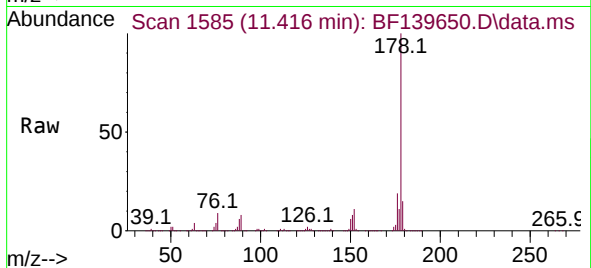
179 15.3 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#72

Anthracene

Concen: 51.379 ng

RT: 11.468 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

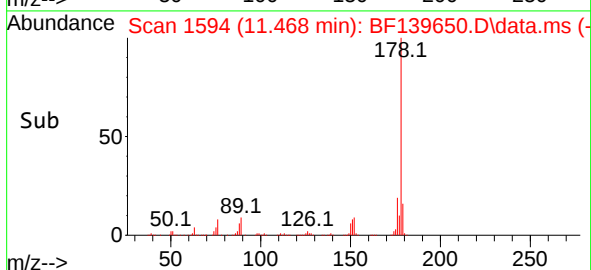
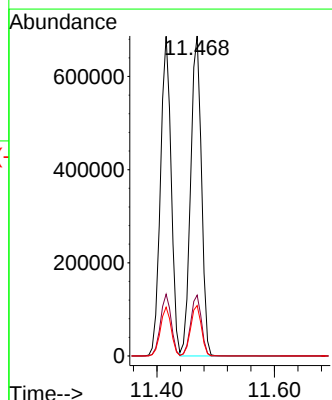
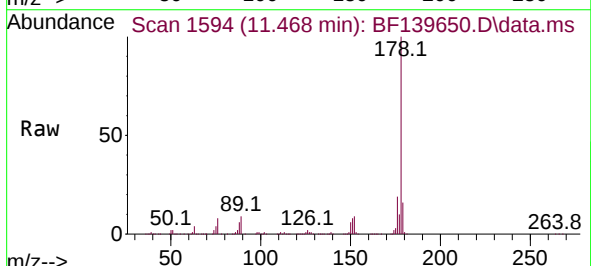
Tgt Ion:178 Resp: 878301

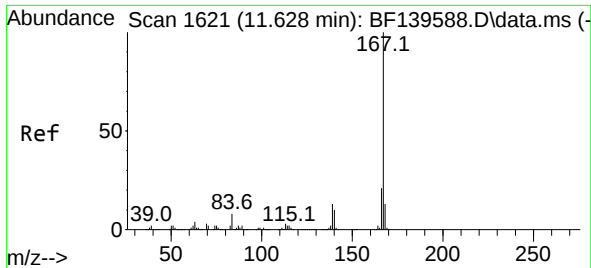
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

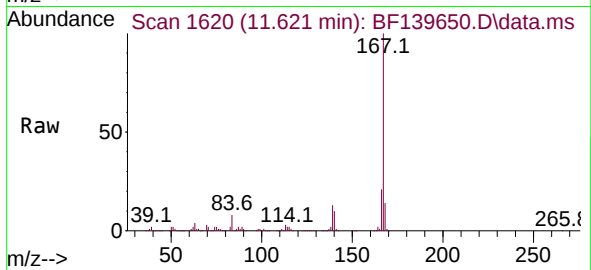
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 48.776 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF139650.D
 Acq: 04 Oct 2024 11:47

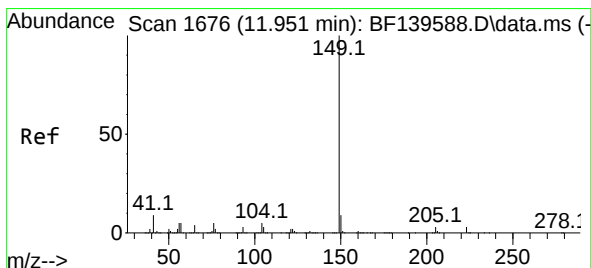
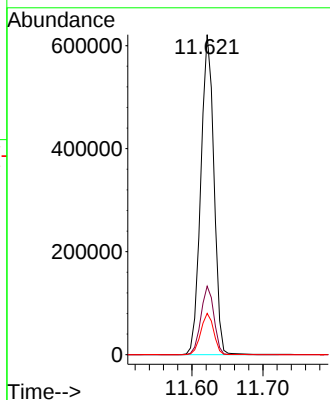
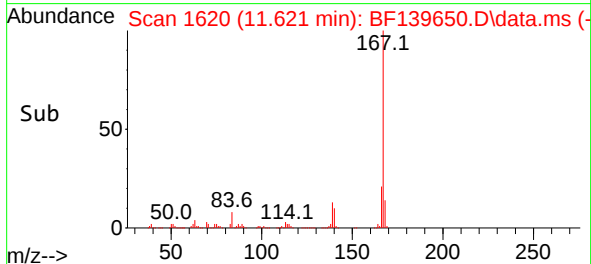
Instrument :
 BNA_F
 Client Sample Id :
 TP-QMSD



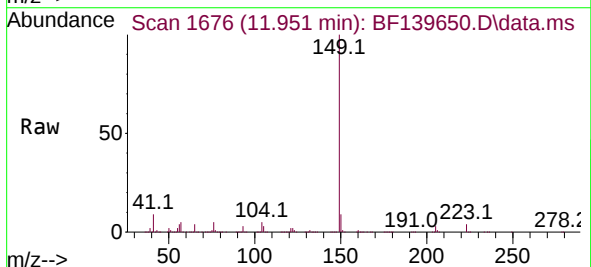
Tgt Ion:167 Resp: 800834
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
 APPROVED

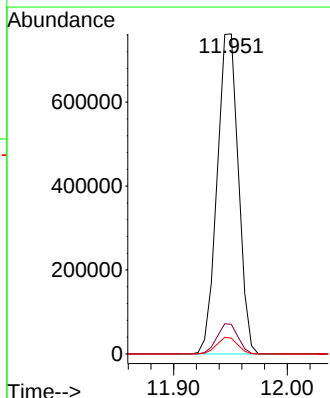
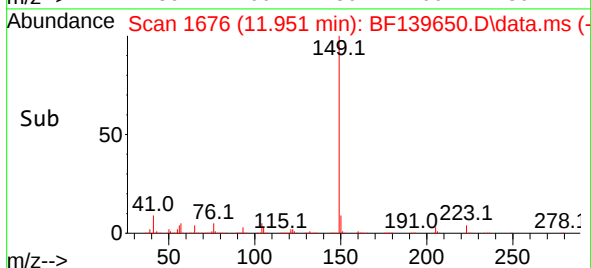
Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024

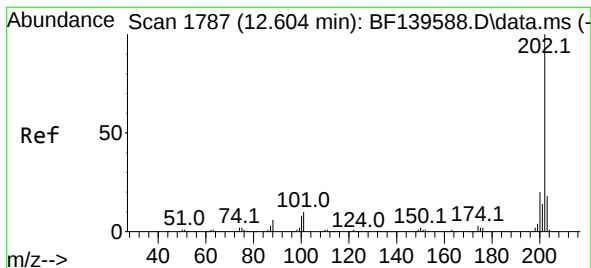


#74
 Di-n-butylphthalate
 Concen: 49.744 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139650.D
 Acq: 04 Oct 2024 11:47



Tgt Ion:149 Resp: 993175
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 45.989 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:202 Resp: 86868

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

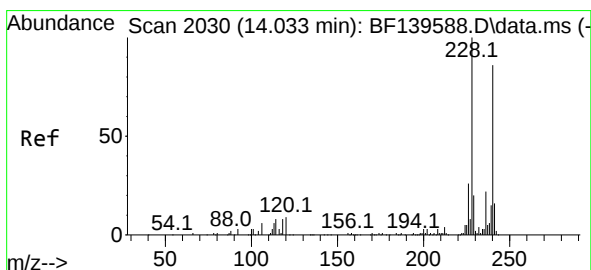
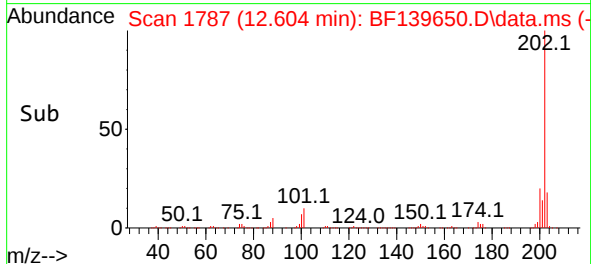
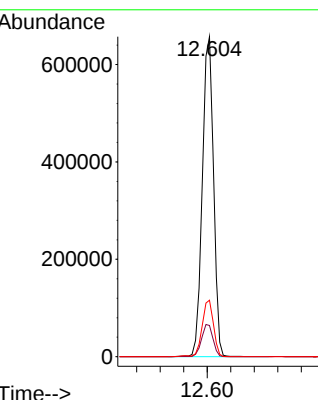
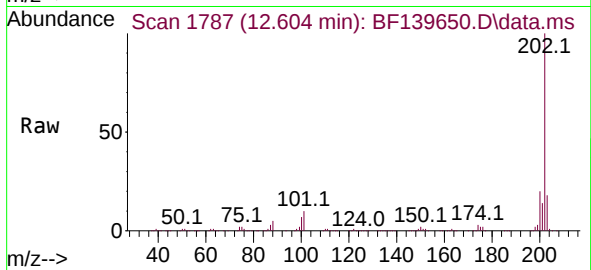
203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

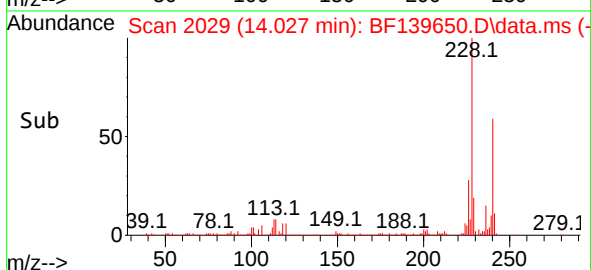
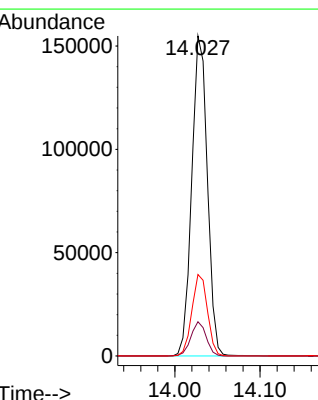
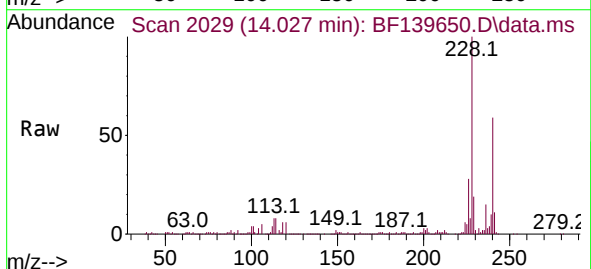
Tgt Ion:240 Resp: 196941

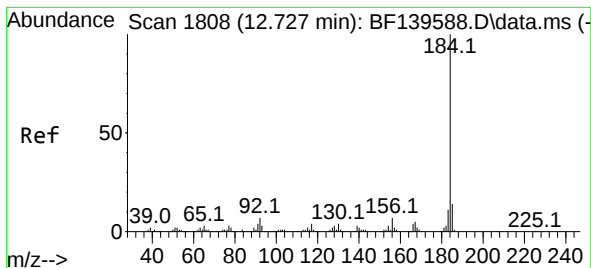
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.5 20.3 30.5





#77

Benzidine

Concen: 14.576 ng

RT: 12.721 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

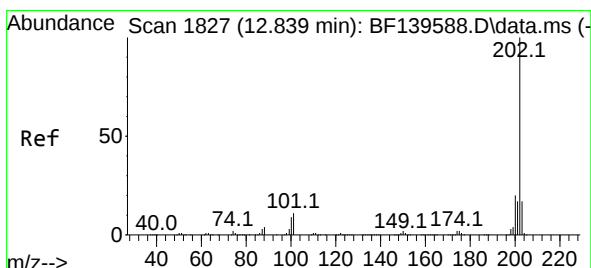
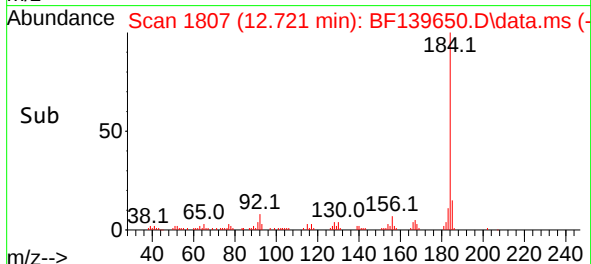
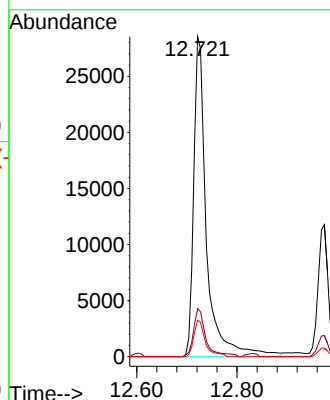
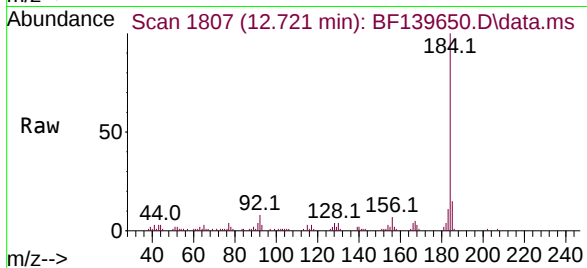
Tgt Ion:184	Resp:	5063
Ion Ratio	Lower	Upper
184	100	
185	15.0	11.4 17.0
183	11.4	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#78

Pyrene

Concen: 49.398 ng

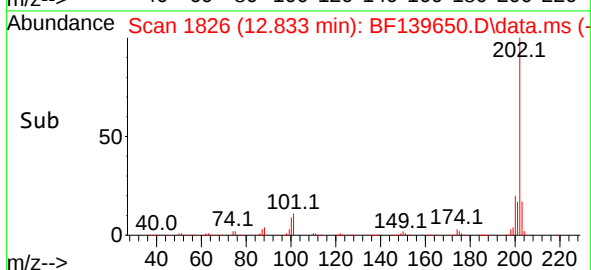
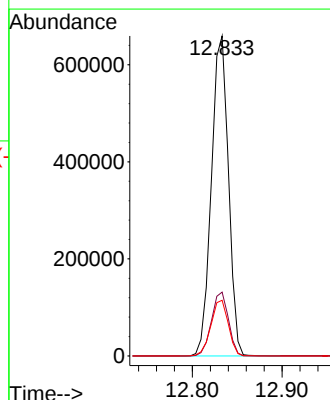
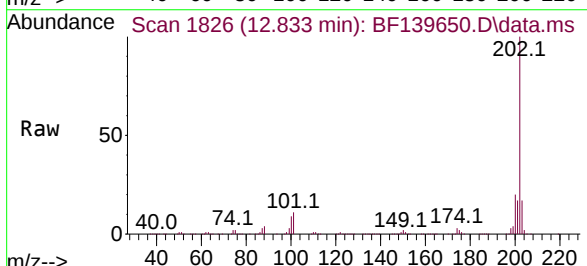
RT: 12.833 min Scan# 1826

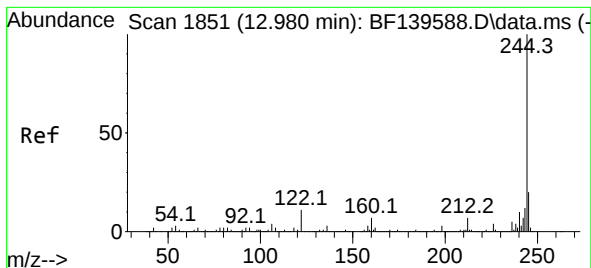
Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Tgt Ion:202	Resp:	870103
Ion Ratio	Lower	Upper
202	100	
200	20.0	15.8 23.6
203	17.4	13.8 20.8





#79

Terphenyl-d14

Concen: 92.498 ng

RT: 12.974 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:244 Resp: 1110204

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

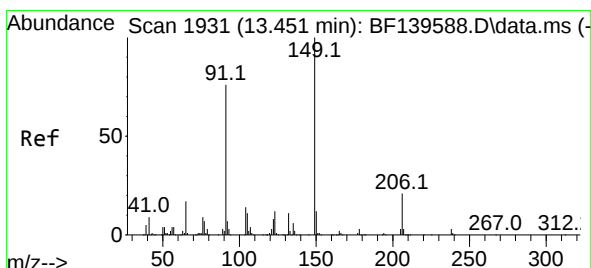
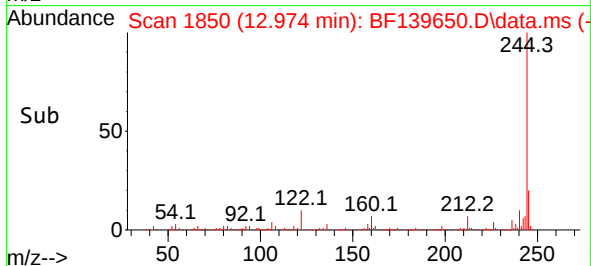
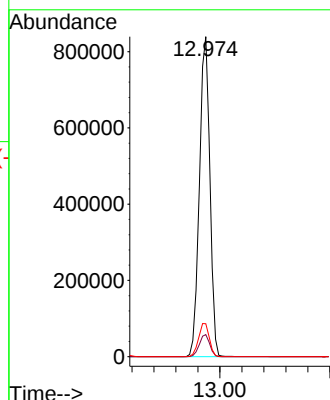
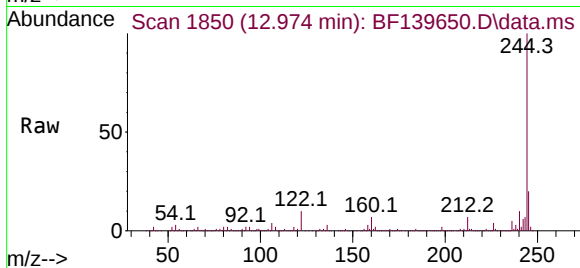
122 10.3 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#80

Butylbenzylphthalate

Concen: 55.078 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

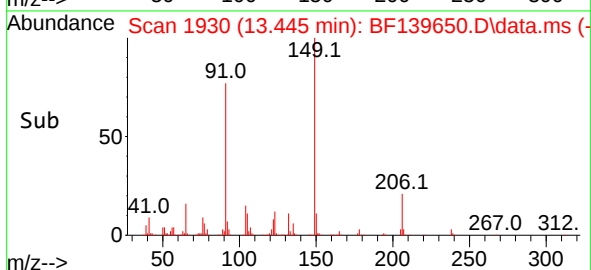
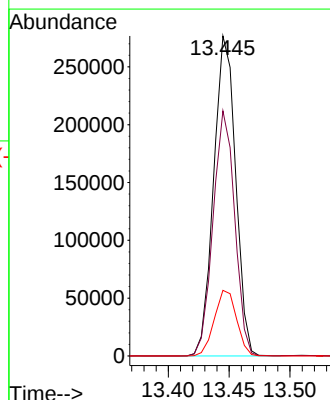
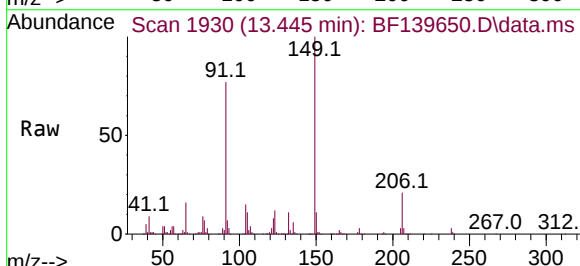
Tgt Ion:149 Resp: 347016

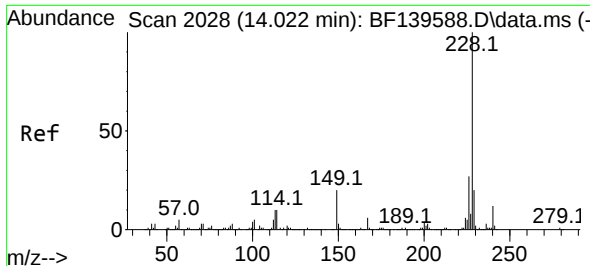
Ion Ratio Lower Upper

149 100

91 76.6 61.0 91.4

206 20.5 16.6 24.8





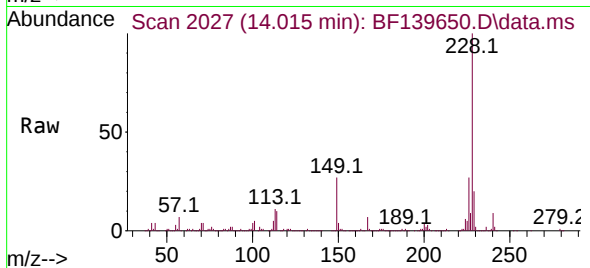
#81
Benzo(a)anthracene
Concen: 50.848 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

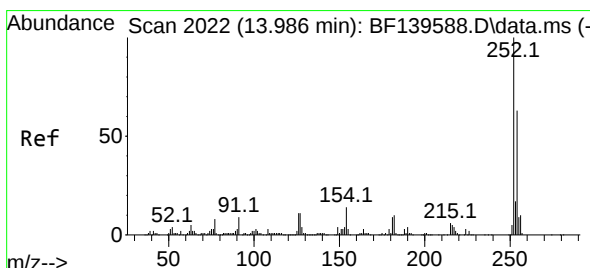
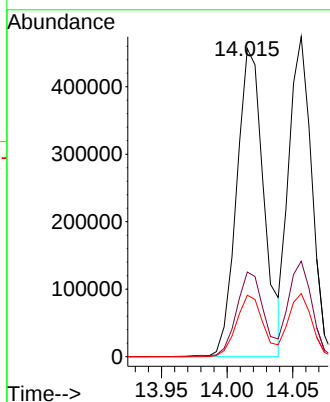
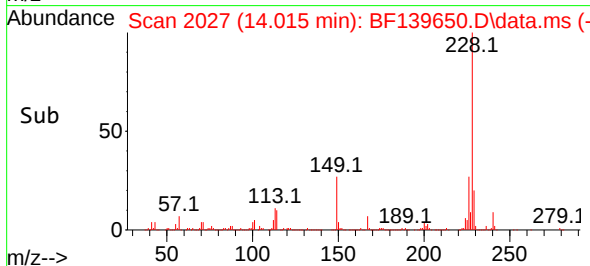
TP-QMSD



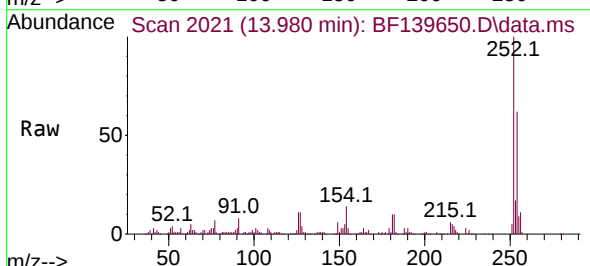
Tgt Ion:228 Resp: 65838
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.9 15.8 23.8

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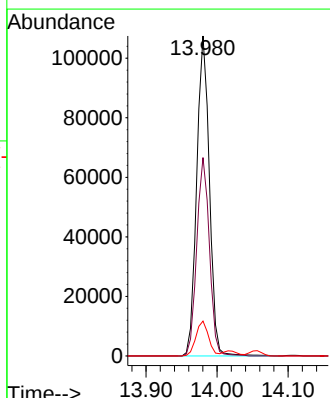
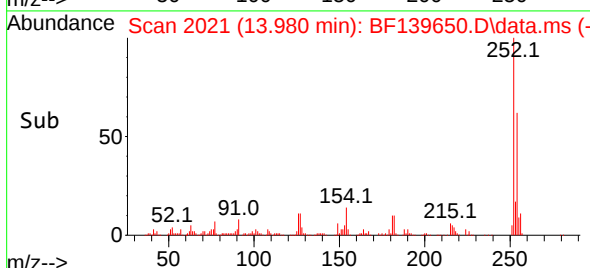
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

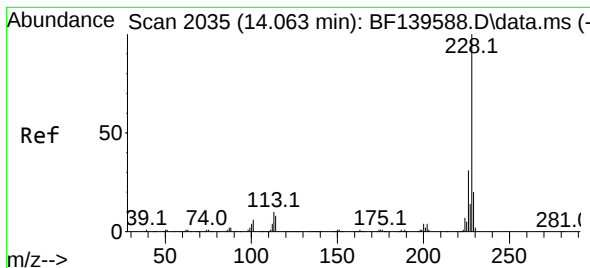


#82
3,3'-Dichlorobenzidine
Concen: 33.798 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:252 Resp: 133930
Ion Ratio Lower Upper
252 100
254 62.0 50.5 75.7
126 10.9 8.8 13.2





#83

Chrysene

Concen: 48.672 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

Tgt Ion:228 Resp: 57616

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

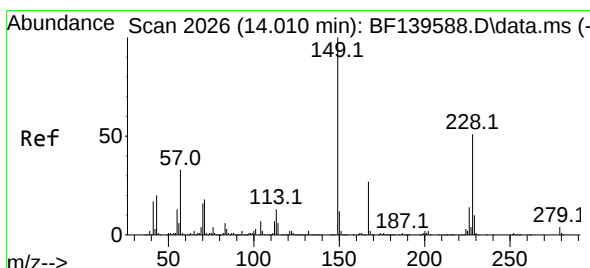
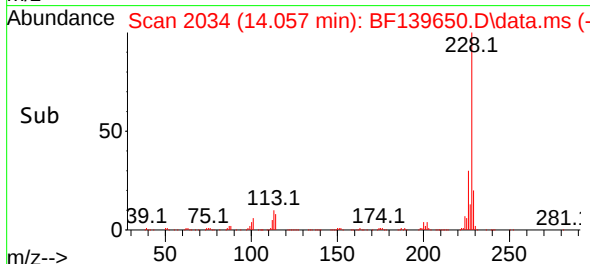
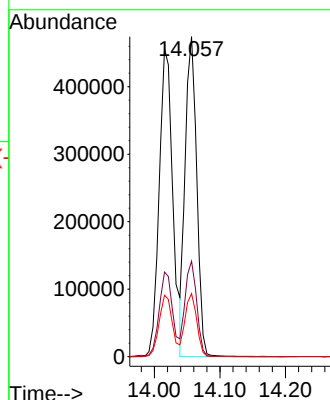
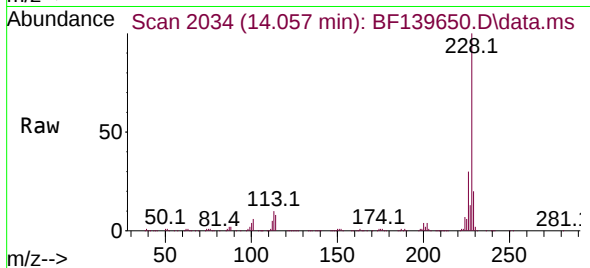
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.120 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

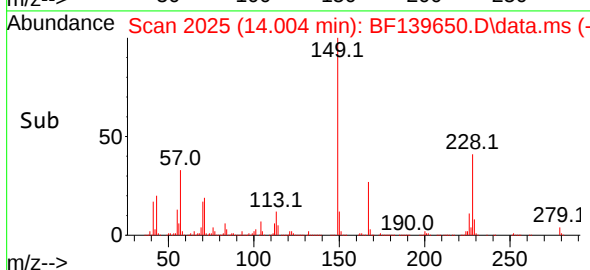
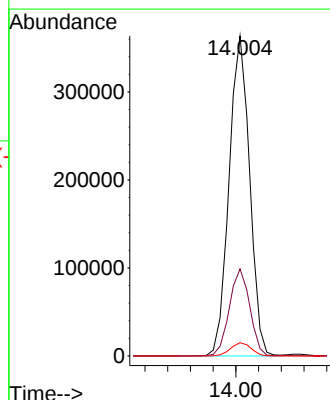
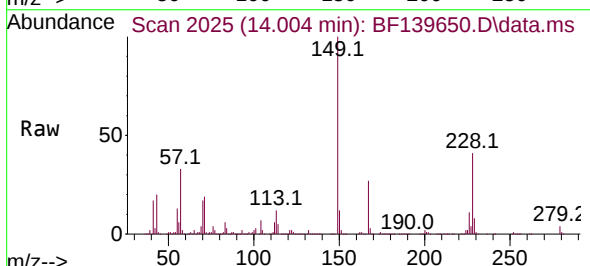
Tgt Ion:149 Resp: 457252

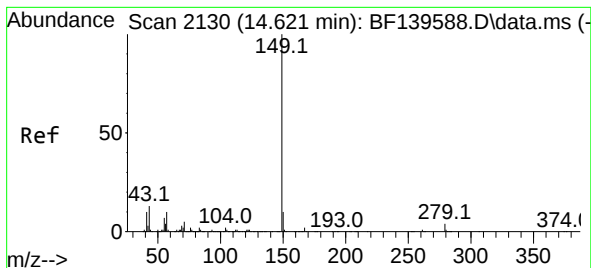
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 60.434 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

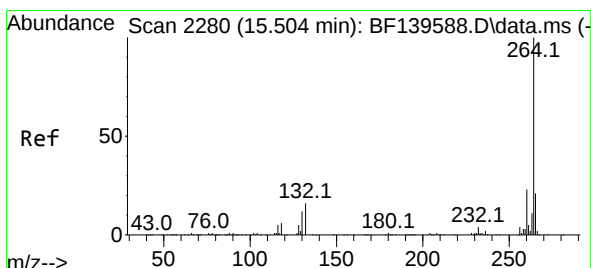
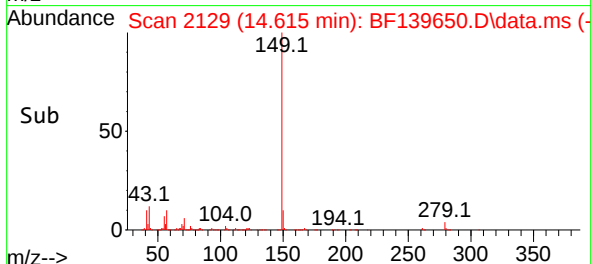
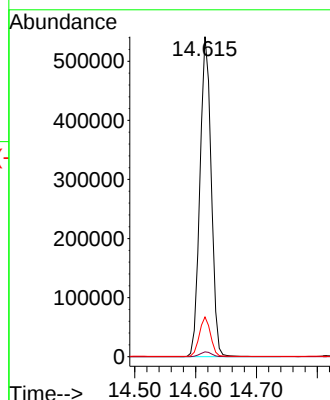
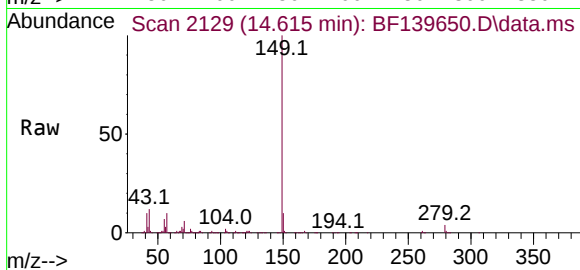
ClientSampleId :

TP-QMSD

Tgt Ion:149 Resp: 698502
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.1 10.2 15.2

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



#86

Perylene-d12

Concen: 20.000 ng

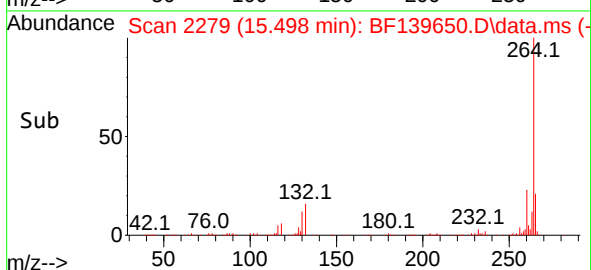
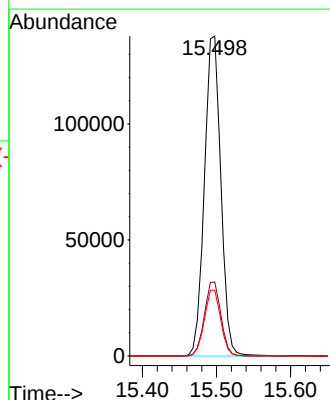
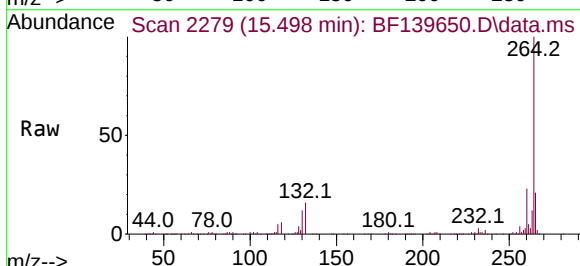
RT: 15.498 min Scan# 2279

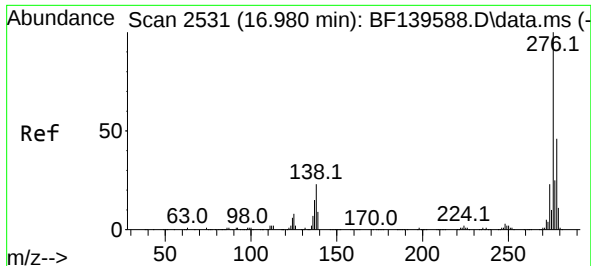
Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

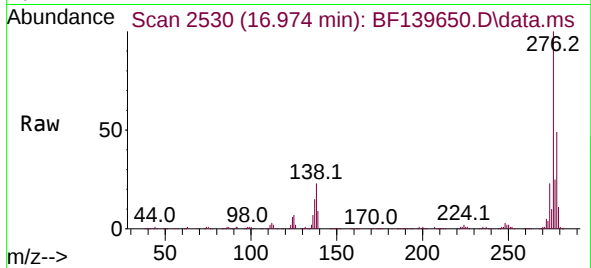
Tgt Ion:264 Resp: 212758
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.5 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.899 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

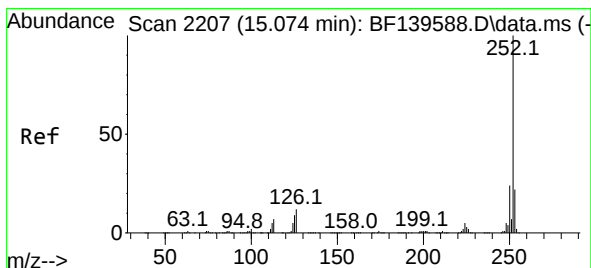
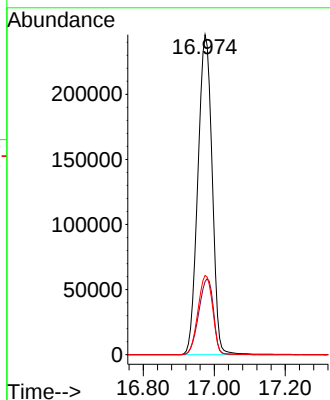
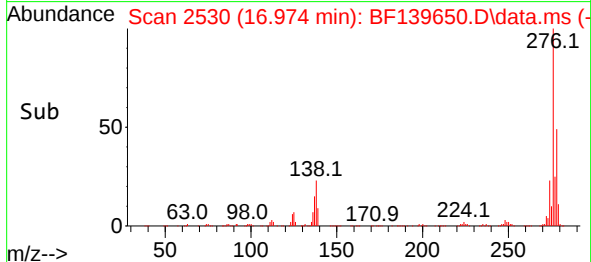
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



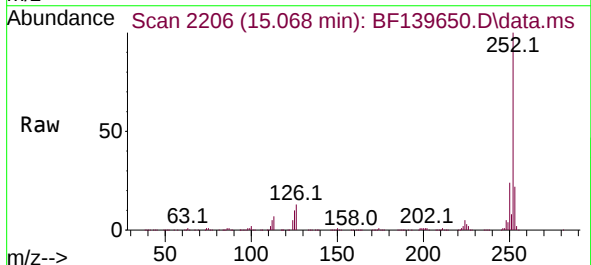
Tgt Ion:276 Resp: 68746
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 25.4 20.2 30.2

Manual Integrations
APPROVED

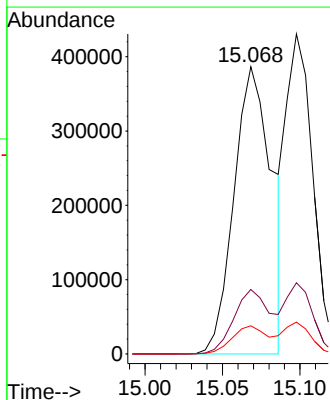
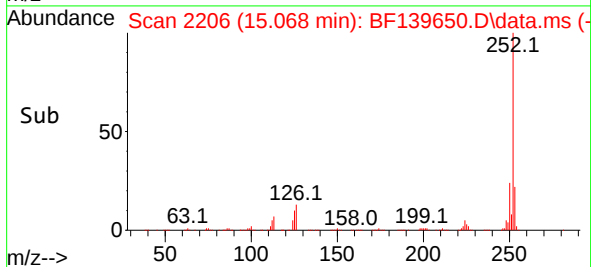
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

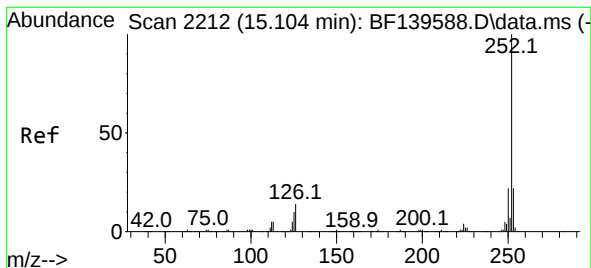


#88
Benzo(b)fluoranthene
Concen: 47.547 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:252 Resp: 654085
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 44.250 ng

RT: 15.098 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

Instrument :

BNA_F

ClientSampleId :

TP-QMSD

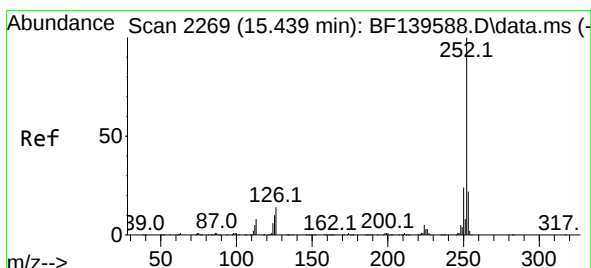
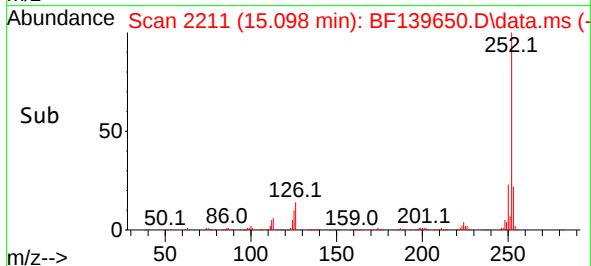
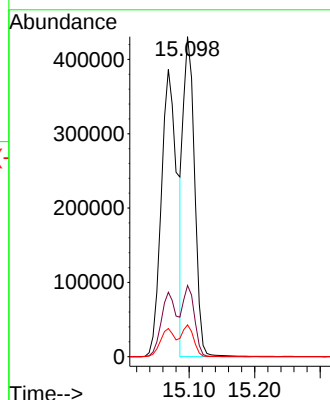
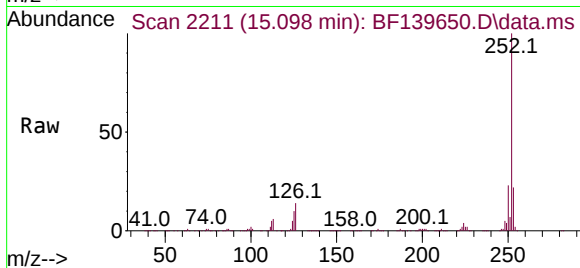
Tgt Ion:252 Resp: 51636
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.9 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 52.418 ng

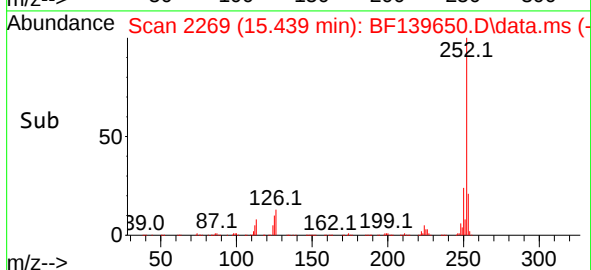
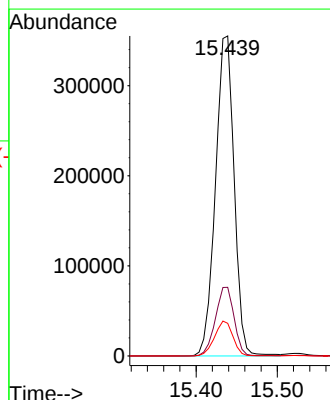
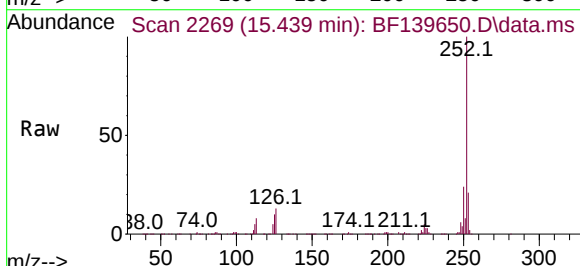
RT: 15.439 min Scan# 2269

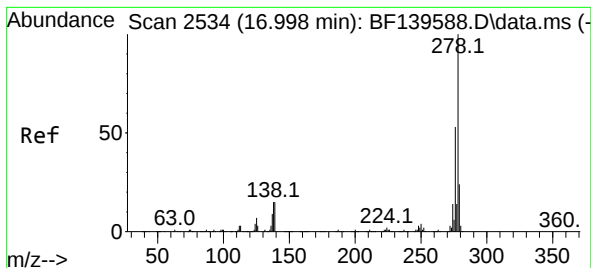
Delta R.T. -0.000 min

Lab File: BF139650.D

Acq: 04 Oct 2024 11:47

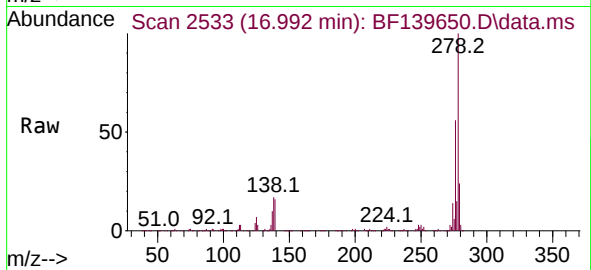
Tgt Ion:252 Resp: 568581
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.3 25.9
 125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 53.885 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47

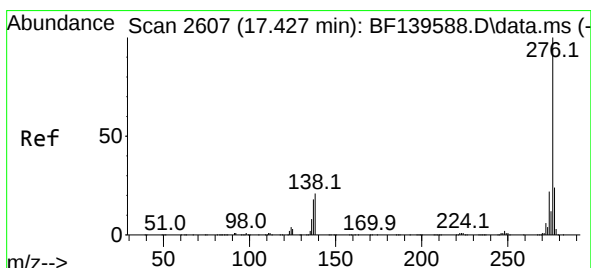
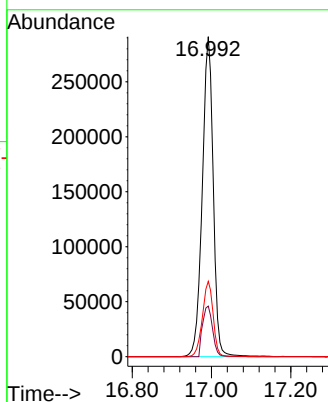
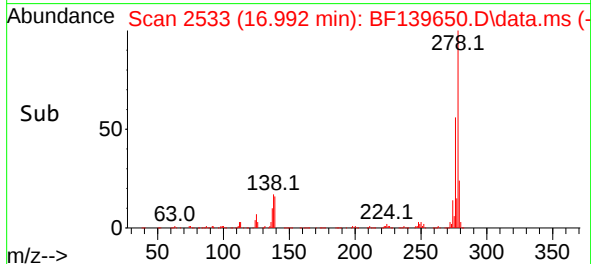
Instrument :
BNA_F
ClientSampleId :
TP-QMSD



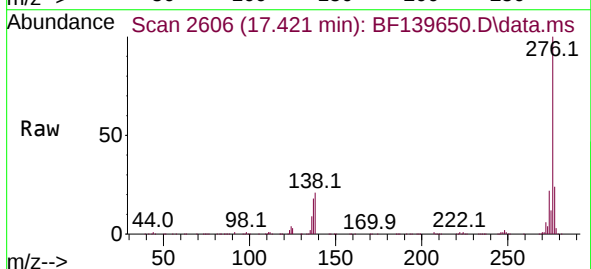
Tgt Ion:278 Resp: 55966
Ion Ratio Lower Upper
278 100
139 15.8 12.2 18.4
279 23.6 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.583 ng
RT: 17.421 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF139650.D
Acq: 04 Oct 2024 11:47



Tgt Ion:276 Resp: 506063
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 21.1 17.0 25.6

