

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139636.D
 Acq On : 03 Oct 2024 17:29
 Operator : RC/JU
 Sample : P4190-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TMS

Quant Time: Oct 03 18:03:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89373	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	340334	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	189635	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	355376	20.000	ng	0.00
76) Chrysene-d12	14.027	240	189160	20.000	ng	0.00
86) Perylene-d12	15.498	264	185966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	671354	130.198	ng	0.02
7) Phenol-d6	6.504	99	842315	121.472	ng	0.00
23) Nitrobenzene-d5	7.434	82	630400	93.782	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	250374	136.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1126063	91.160	ng	0.00
79) Terphenyl-d14	12.975	244	1175074	101.929	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.811	88	94243	42.274	ng	# 80
3) Pyridine	3.522	79	204255	37.673	ng	98
4) n-Nitrosodimethylamine	3.463	42	166982	47.051	ng	97
6) Aniline	6.534	93	190802	31.008	ng	94
8) 2-Chlorophenol	6.657	128	268273	48.561	ng	97
9) Benzaldehyde	6.416	77	11325	3.083	ng	96
10) Phenol	6.516	94	316149	43.359	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	267491	45.057	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270333	43.498	ng	99
13) 1,4-Dichlorobenzene	6.887	146	274799	43.658	ng	100
14) 1,2-Dichlorobenzene	7.034	146	265063	44.932	ng	99
15) Benzyl Alcohol	7.010	79	264578	49.937	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	485496	47.239	ng	93
17) 2-Methylphenol	7.122	107	217972	47.262	ng	99
18) Hexachloroethane	7.375	117	104241	44.400	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	207313	46.502	ng	100
20) 3+4-Methylphenols	7.275	107	270229	46.649	ng	98
22) Acetophenone	7.275	105	379548	46.983	ng	99
24) Nitrobenzene	7.451	77	316136	45.418	ng	100
25) Isophorone	7.687	82	567036	47.495	ng	99
26) 2-Nitrophenol	7.763	139	145253	48.542	ng	98
27) 2,4-Dimethylphenol	7.804	122	214277m	58.495	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	331094	46.442	ng	99
29) 2,4-Dichlorophenol	8.010	162	230915	48.328	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	233968	43.299	ng	99
31) Naphthalene	8.169	128	792794	45.561	ng	100
32) Benzoic acid	7.928	122	165488	45.432	ng	99
33) 4-Chloroaniline	8.216	127	76875	13.052	ng	99
34) Hexachlorobutadiene	8.281	225	150298	42.981	ng	99
35) Caprolactam	8.593	113	67281m	42.931	ng	
36) 4-Chloro-3-methylphenol	8.704	107	258461	47.785	ng	98
37) 2-Methylnaphthalene	8.863	142	527633	46.557	ng	99
38) 1-Methylnaphthalene	8.957	142	491602	44.377	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	245550	46.630	ng	99
41) Hexachlorocyclopentadiene	9.010	237	269061	166.636	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	172603	48.622	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	182348	47.632	ng	97
46) 1,1'-Biphenyl	9.328	154	665634	47.193	ng	100
47) 2-Chloronaphthalene	9.351	162	496231	46.931	ng	99
48) 2-Nitroaniline	9.445	65	189384	49.895	ng	98
49) Acenaphthylene	9.769	152	822285	51.136	ng	100
50) Dimethylphthalate	9.628	163	616174	49.637	ng	100
51) 2,6-Dinitrotoluene	9.692	165	132801	47.358	ng	94
52) Acenaphthene	9.939	154	593578m	53.770	ng	
53) 3-Nitroaniline	9.857	138	78430	27.369	ng	99
54) 2,4-Dinitrophenol	9.969	184	170974	113.357	ng	99
55) Dibenzofuran	10.110	168	744273	48.153	ng	100
56) 4-Nitrophenol	10.028	139	198788	90.966	ng	97
57) 2,4-Dinitrotoluene	10.092	165	180959	49.369	ng	99
58) Fluorene	10.451	166	584687	47.495	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160327	51.852	ng	98
60) Diethylphthalate	10.328	149	609365	47.525	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	286971	46.595	ng	97
62) 4-Nitroaniline	10.475	138	133494	45.542	ng	98
63) Azobenzene	10.604	77	612606	47.509	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	104136	51.884	ng	97
66) n-Nitrosodiphenylamine	10.563	169	505373	48.245	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	170509	46.796	ng	99
68) Hexachlorobenzene	10.998	284	187023	46.256	ng	100
69) Atrazine	11.092	200	143114	50.921	ng	99
70) Pentachlorophenol	11.198	266	247626	102.855	ng	98
71) Phenanthrene	11.416	178	831580	49.628	ng	99
72) Anthracene	11.469	178	841521	50.764	ng	99
73) Carbazole	11.622	167	759654	47.713	ng	100
74) Di-n-butylphthalate	11.951	149	935403	48.314	ng	99
75) Fluoranthene	12.604	202	854081	46.628	ng	100
77) Benzidine	12.722	184	90945	27.257	ng	98
78) Pyrene	12.833	202	866834	51.236	ng	100
80) Butylbenzylphthalate	13.445	149	327735	54.157	ng	99
81) Benzo(a)anthracene	14.022	228	623660	50.147	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	138650	36.428	ng	97
83) Chrysene	14.057	228	551308	48.487	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	428519	56.708	ng	100
85) Di-n-octyl phthalate	14.616	149	617910	55.661	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	639022	58.382	ng	99
88) Benzo(b)fluoranthene	15.069	252	590465	49.106	ng	99
89) Benzo(k)fluoranthene	15.098	252	458301	44.932	ng	100
90) Benzo(a)pyrene	15.439	252	505301	53.296	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	530632	58.450	ng	99
92) Benzo(g,h,i)perylene	17.421	276	491143	53.944	ng	99

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

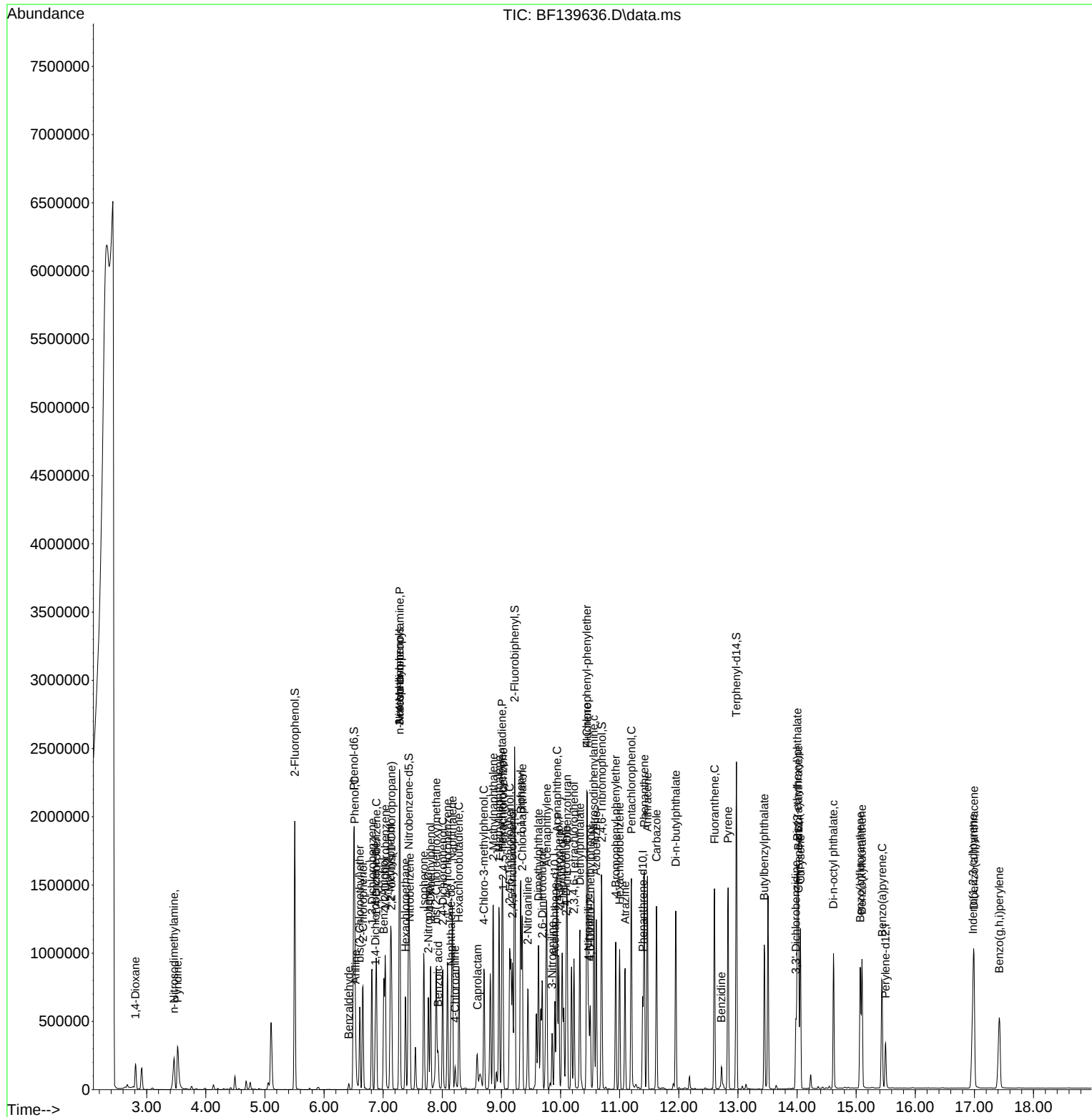
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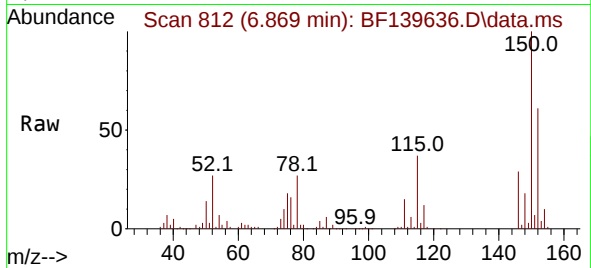
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

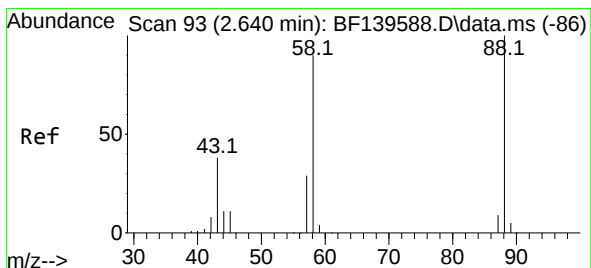
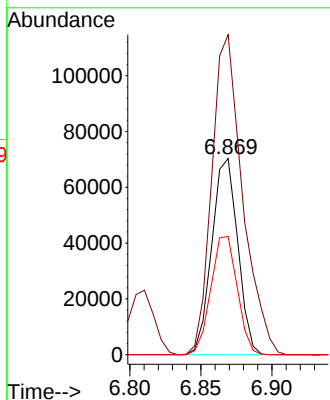
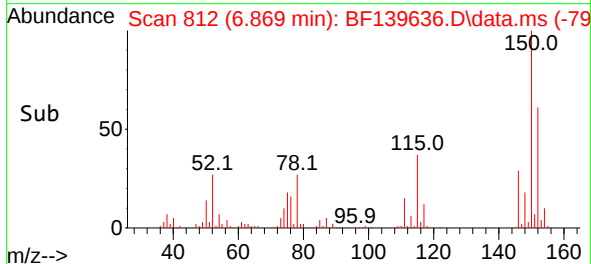
Instrument :
BNA_F
Client SampleId :
TP-TMS



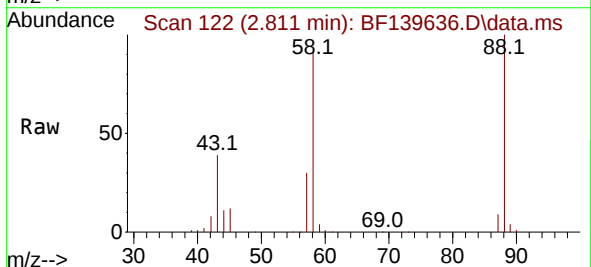
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Ion Ratio Lower Upper
152 100
150 163.1 127.2 190.8
115 60.3 49.0 73.4

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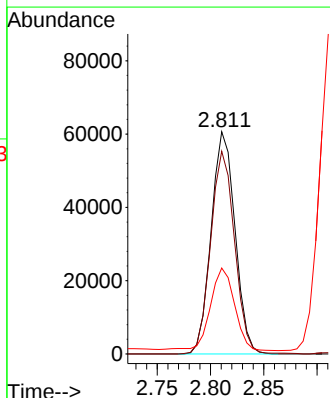
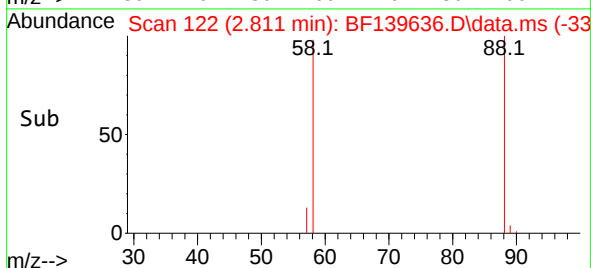
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#2
1,4-Dioxane
Concen: 42.274 ng
RT: 2.811 min Scan# 122
Delta R.T. 0.171 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion: 88 Resp: 94243
Ion Ratio Lower Upper
88 100
58 91.7 72.0 108.0
43 0.0 30.8 46.2





#3

Pyridine

Concen: 37.673 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.129 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

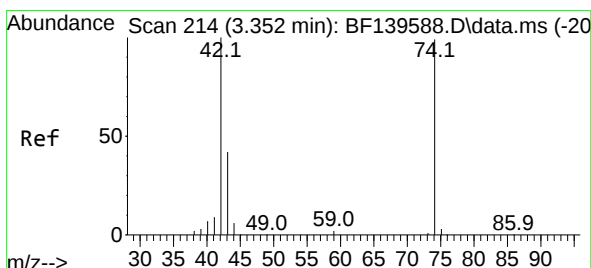
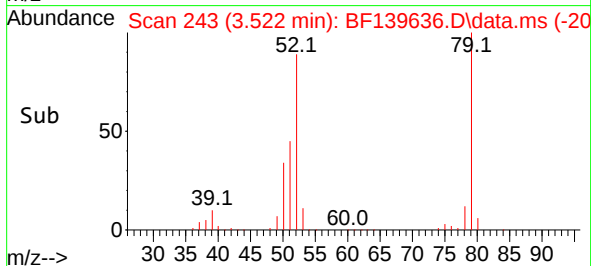
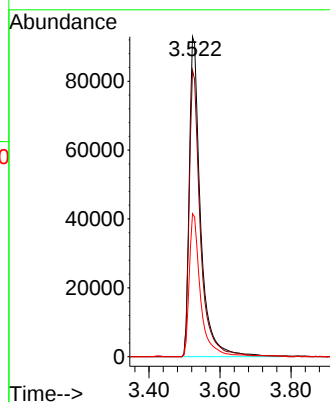
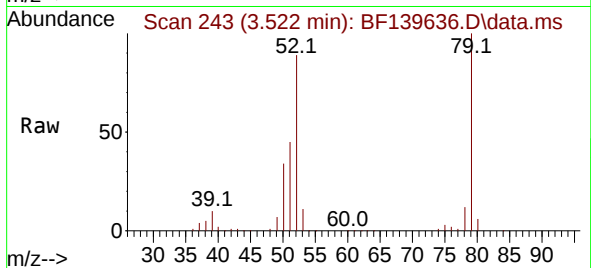
ClientSampleId :

TP-TMS

Tgt Ion: 79	Resp: 20425
Ion Ratio	Lower Upper
79	100
52	89.5 72.6 109.0
51	44.7 37.5 56.3

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#4

n-Nitrosodimethylamine

Concen: 47.051 ng

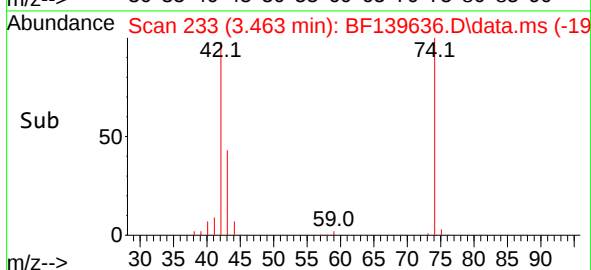
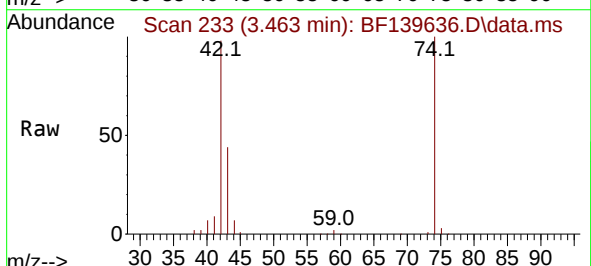
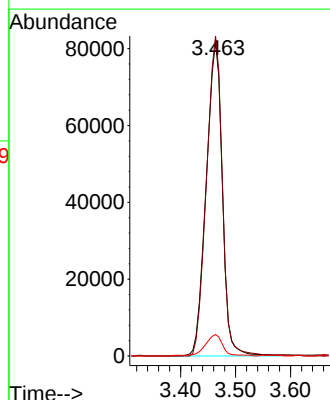
RT: 3.463 min Scan# 233

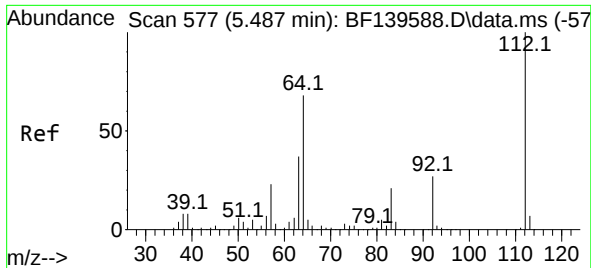
Delta R.T. 0.112 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion: 42	Resp: 166982
Ion Ratio	Lower Upper
42	100
74	102.0 79.0 118.6
44	6.8 5.2 7.8





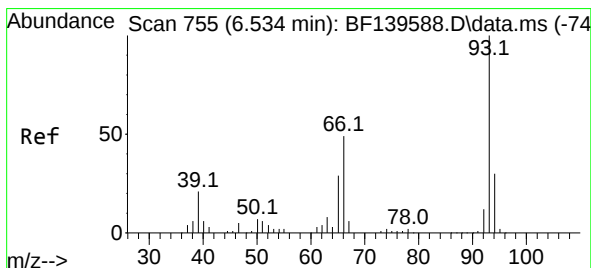
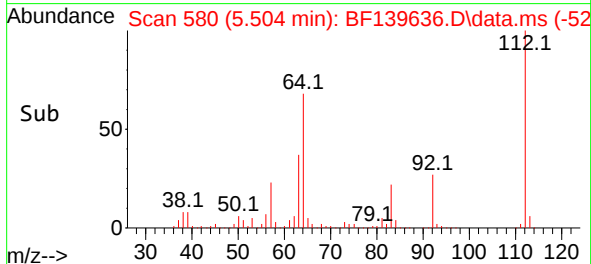
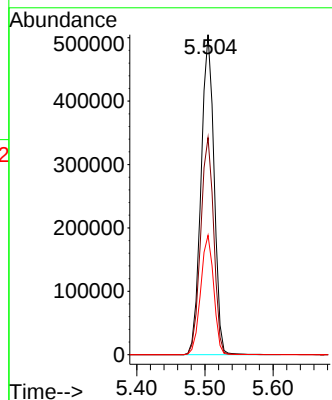
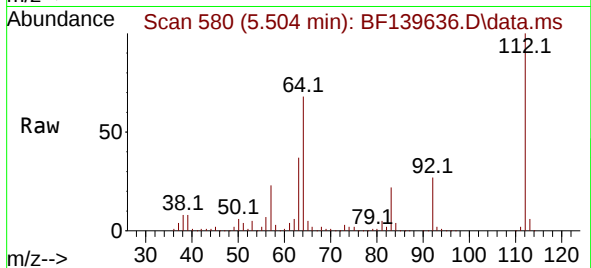
#5
2-Fluorophenol
Concen: 130.198 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

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Tgt Ion:112 Resp: 671354
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.3 29.4 44.2

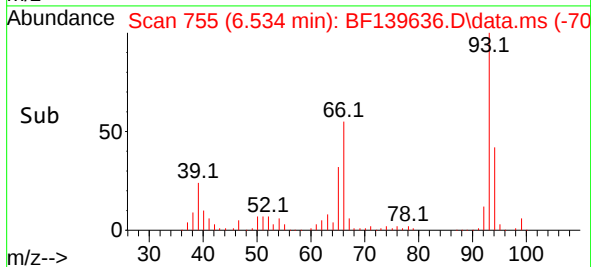
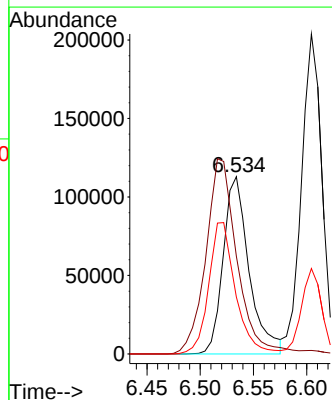
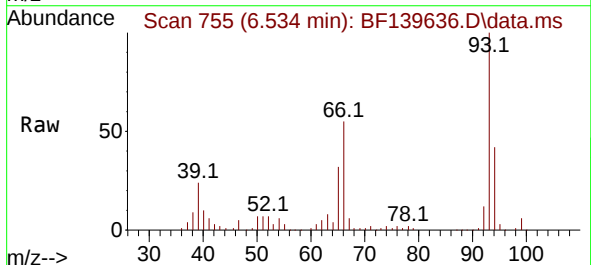
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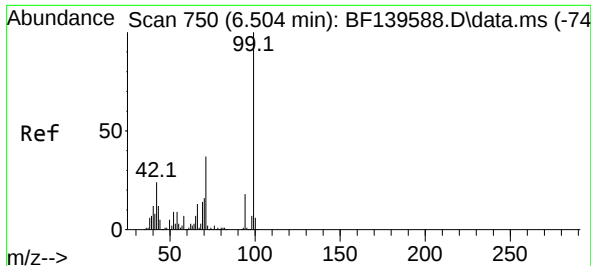
Reviewed By :Yogesh Patel 10/04/2024
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#6
Aniline
Concen: 31.008 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

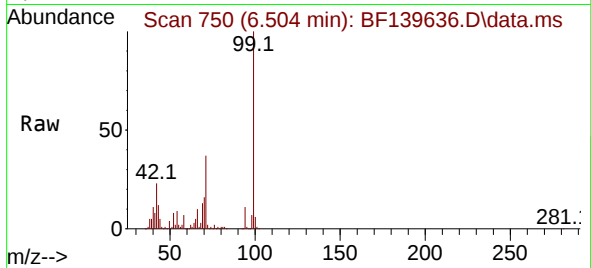
Tgt Ion: 93 Resp: 190802
Ion Ratio Lower Upper
93 100
66 55.1 40.9 61.3
65 32.1 23.3 34.9





#7
Phenol-d6
Concen: 121.472 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

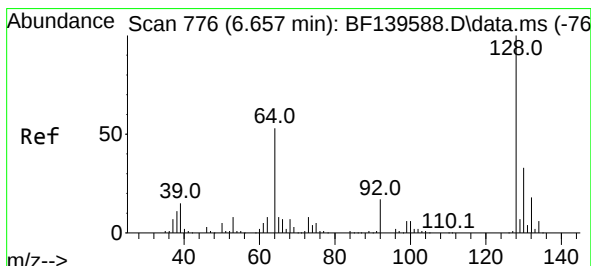
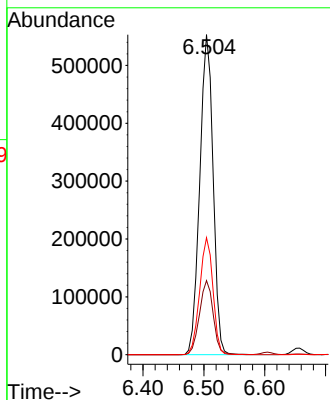
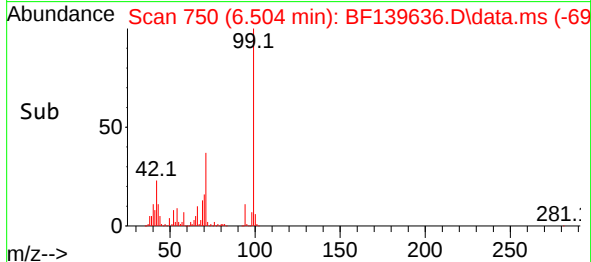
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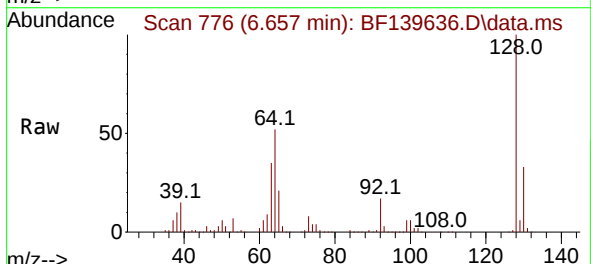
Tgt Ion: 99 Resp: 842315
Ion Ratio Lower Upper
99 100
42 23.2 19.1 28.7
71 36.5 29.7 44.5

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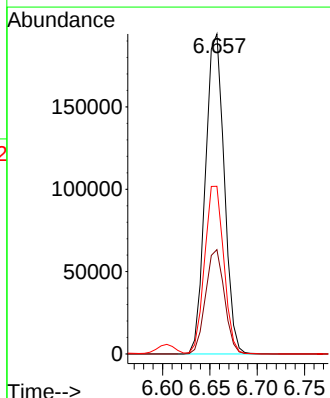
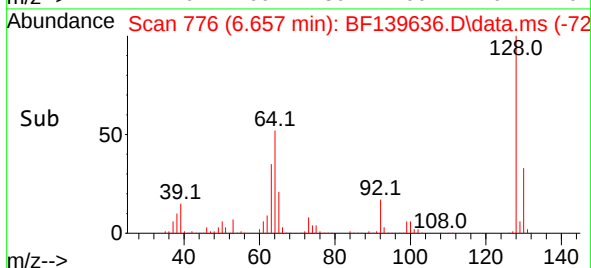
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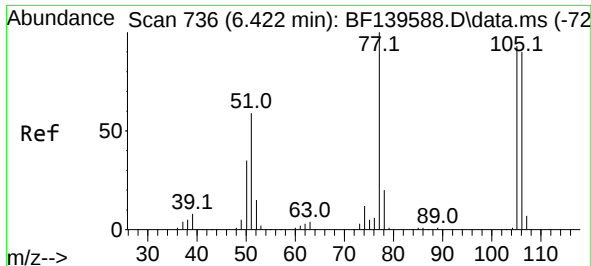


#8
2-Chlorophenol
Concen: 48.561 ng
RT: 6.657 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:128 Resp: 268273
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 52.4 35.1 75.1





#9

Benzaldehyde

Concen: 3.083 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139636.D

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Instrument :

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ClientSampleId :

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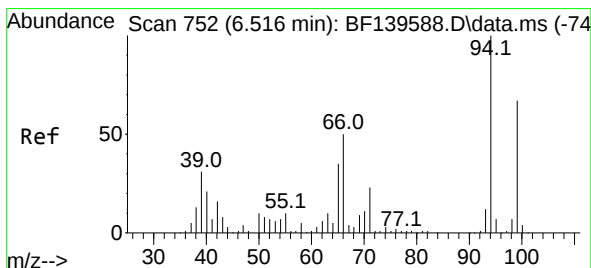
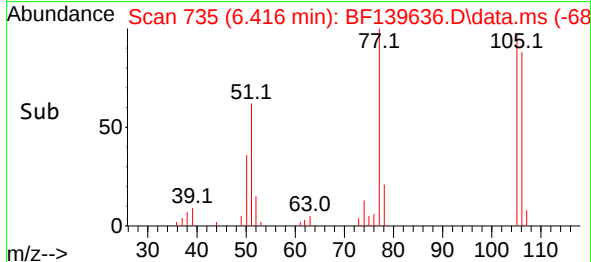
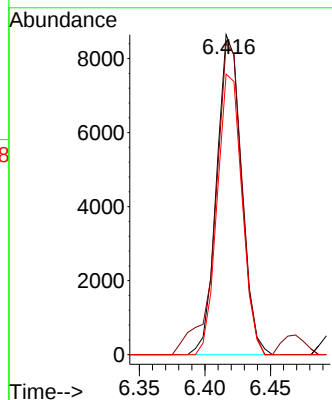
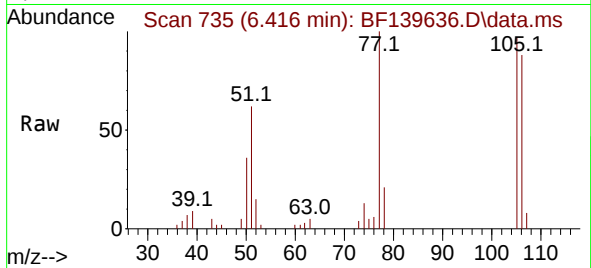
Tgt Ion: 77	Resp: 1132
Ion Ratio	Lower Upper
77 100	
105 97.2	72.7 112.7
106 87.7	70.1 110.1

Manual Integrations

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#10

Phenol

Concen: 43.359 ng

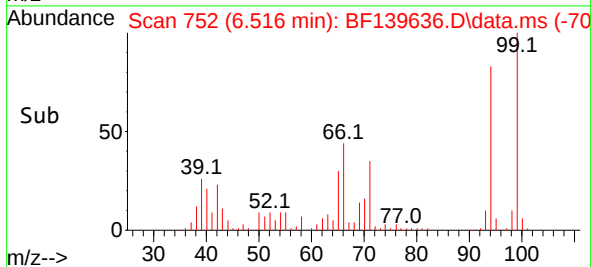
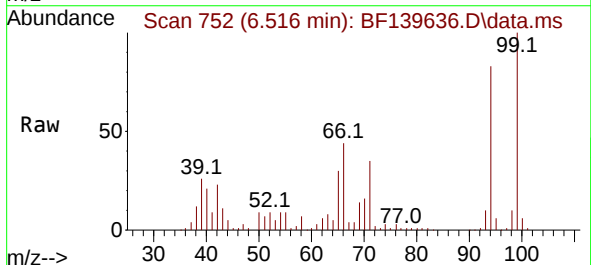
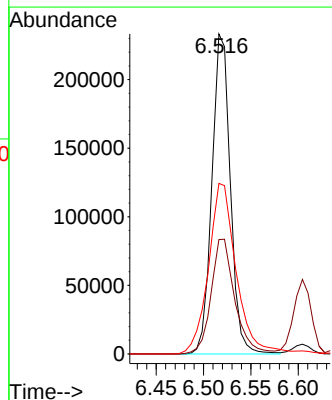
RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

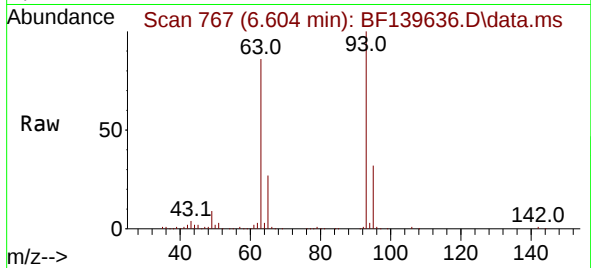
Tgt Ion: 94	Resp: 316149
Ion Ratio	Lower Upper
94 100	
65 35.8	15.3 55.3
66 53.3	30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 45.057 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

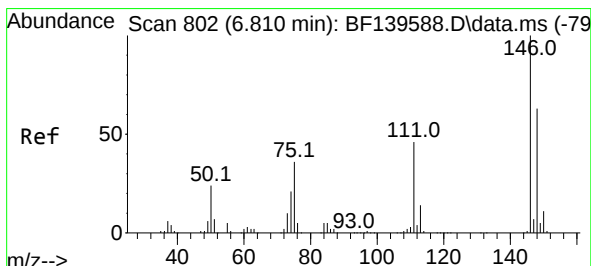
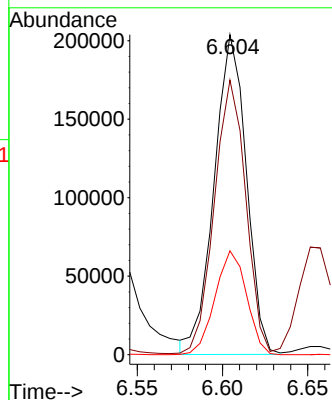
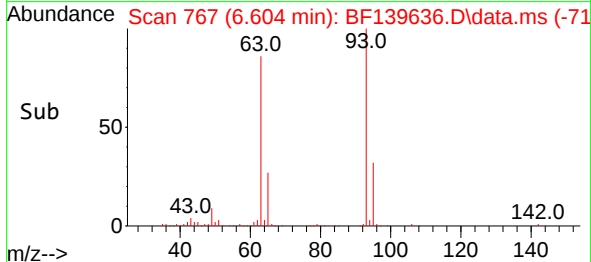
Instrument :
BNA_F
ClientSampleId :
TP-TMS



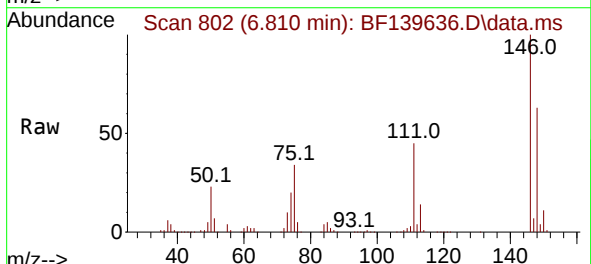
Tgt Ion: 93 Resp: 26749
Ion Ratio Lower Upper
93 100
63 85.8 64.1 104.1
95 32.5 12.3 52.3

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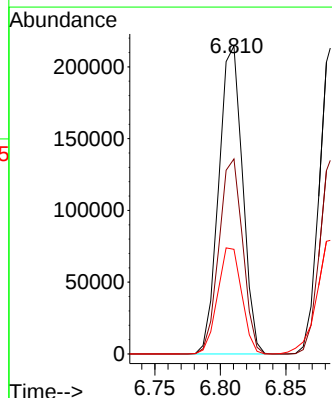
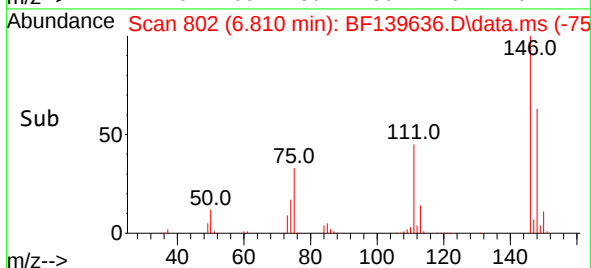
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#12
1,3-Dichlorobenzene
Concen: 43.498 ng
RT: 6.810 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:146 Resp: 270333
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 34.0 28.5 42.7





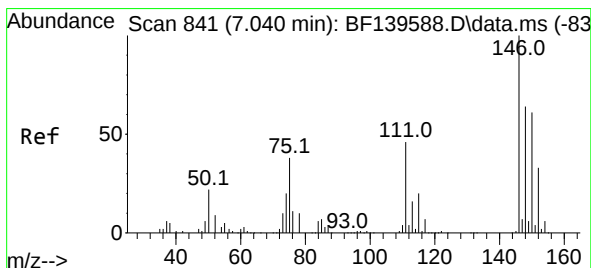
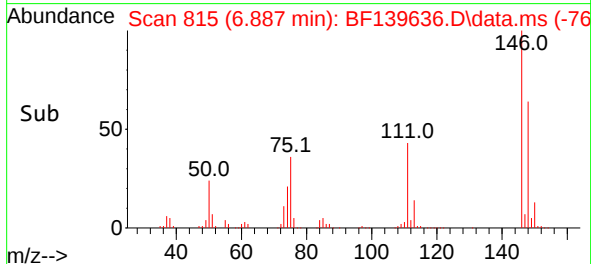
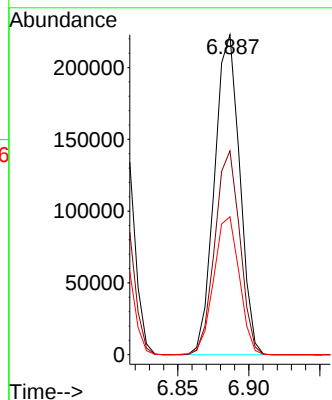
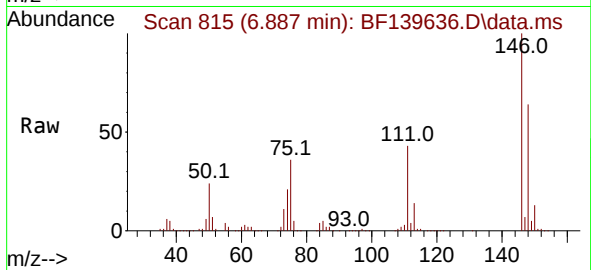
#13
1,4-Dichlorobenzene
Concen: 43.658 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:146 Resp: 274799
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.1 34.9 52.3

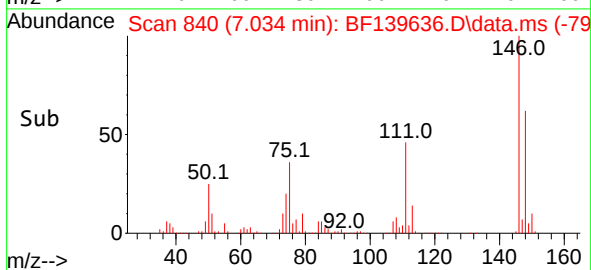
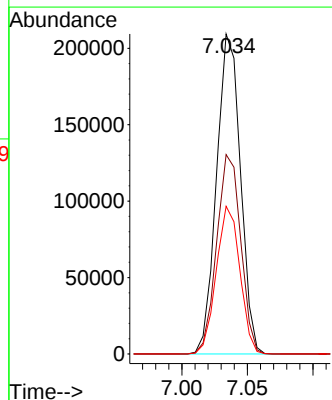
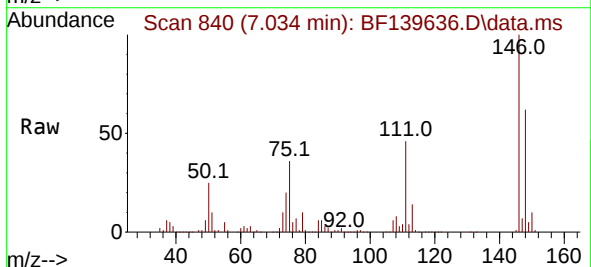
Manual Integrations
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Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#14
1,2-Dichlorobenzene
Concen: 44.932 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

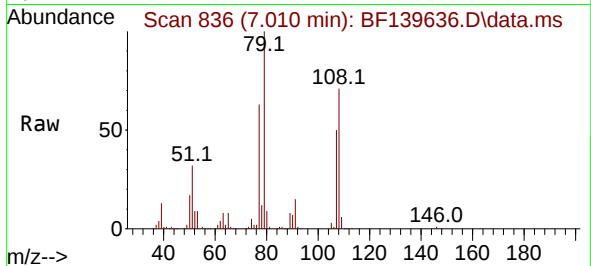
Tgt Ion:146 Resp: 265063
Ion Ratio Lower Upper
146 100
148 62.3 51.2 76.8
111 46.2 37.0 55.6





#15
Benzyl Alcohol
Concen: 49.937 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

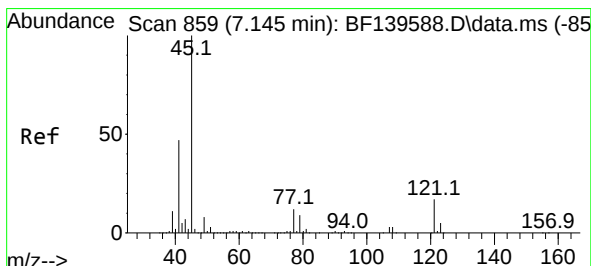
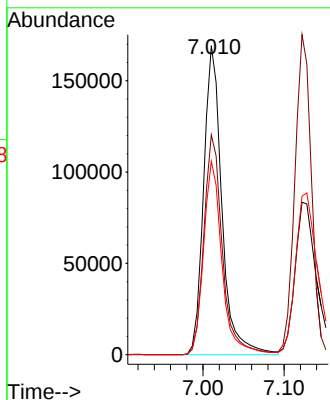
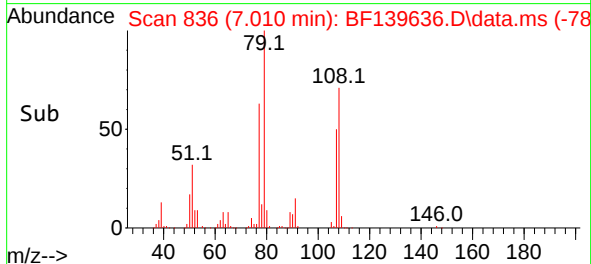
Instrument :
BNA_F
ClientSampleId :
TP-TMS



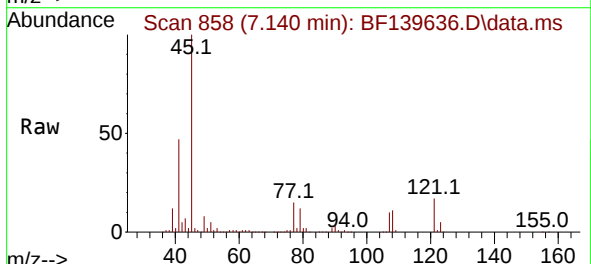
Tgt Ion: 79 Resp: 264578
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 62.6 50.8 76.2

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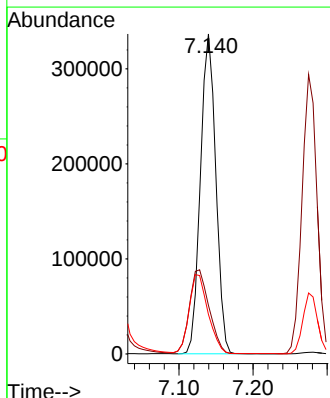
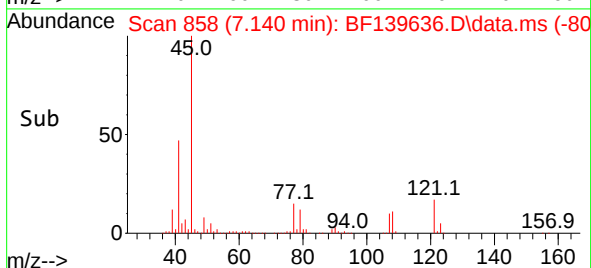
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

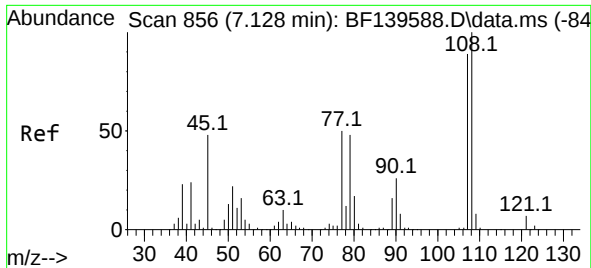


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.239 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion: 45 Resp: 485496
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.5
79 12.4 0.0 29.7





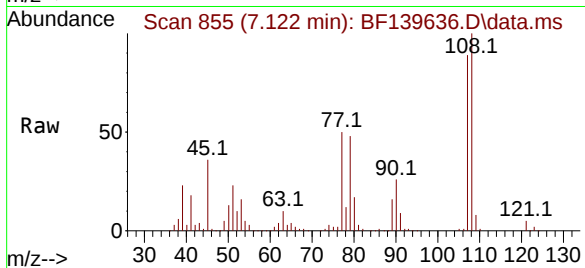
#17
2-Methylphenol
Concen: 47.262 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

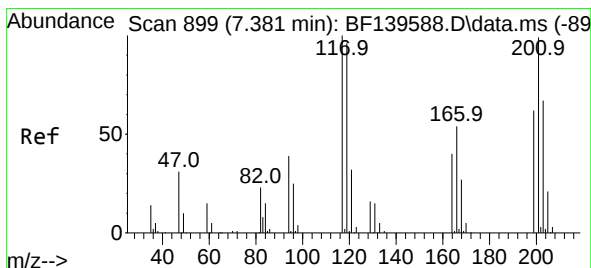
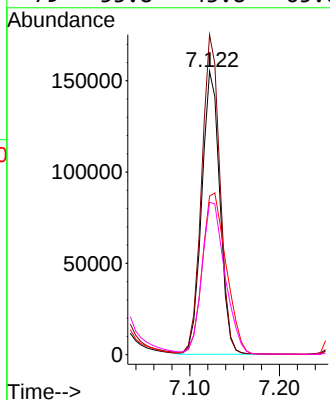
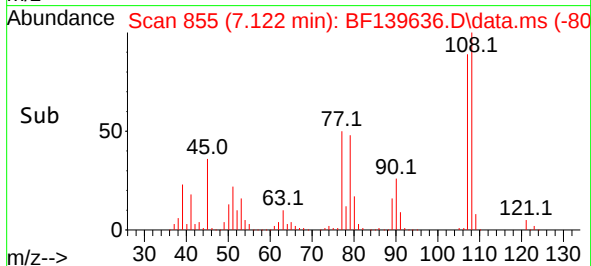


Tgt Ion:107 Resp: 217972
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.6
77 56.0 44.6 67.0
79 53.8 43.8 65.6

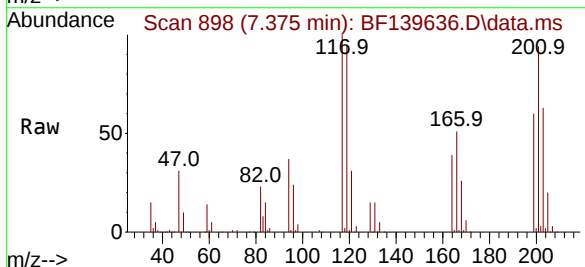
Manual Integrations

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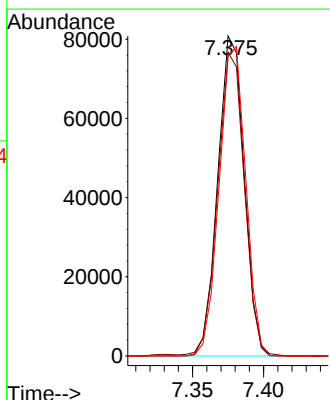
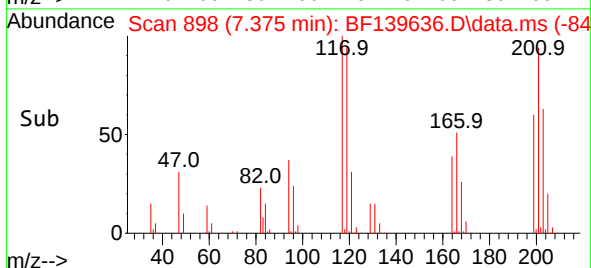
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 44.400 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:117 Resp: 104241
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.6
201 93.7 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.502 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion: 70 Resp: 20731

Ion Ratio Lower Upper

70 100

42 72.8 58.0 87.0

101 9.7 7.8 11.8

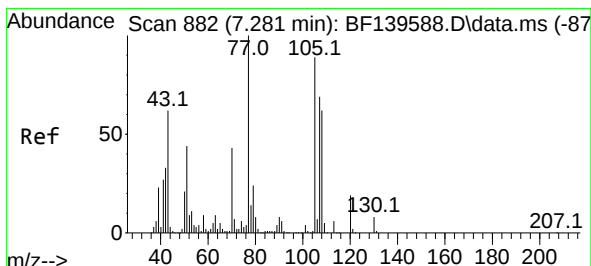
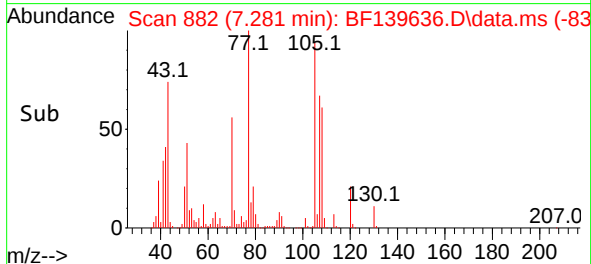
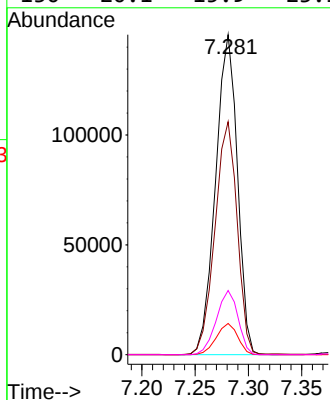
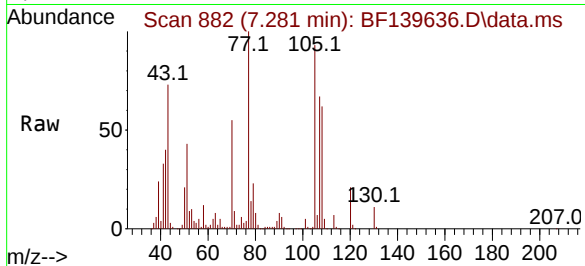
130 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#20

3+4-Methylphenols

Concen: 46.649 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:107 Resp: 270229

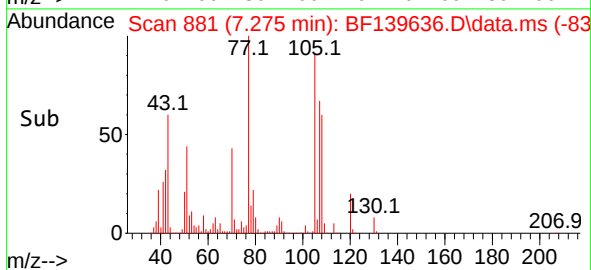
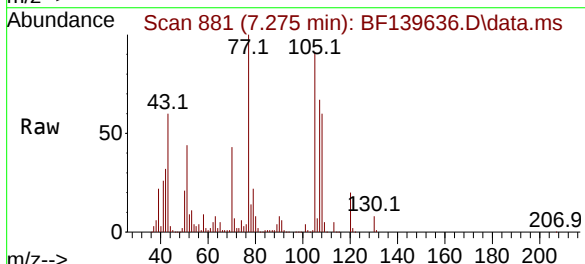
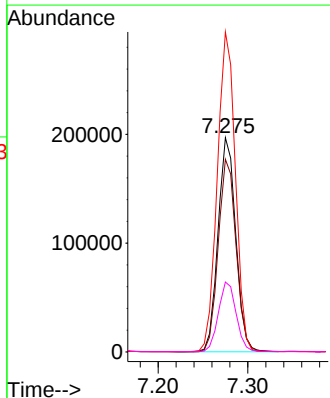
Ion Ratio Lower Upper

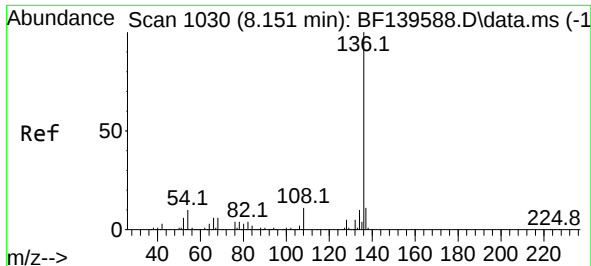
107 100

108 90.0 70.2 110.2

77 149.4 125.3 165.3

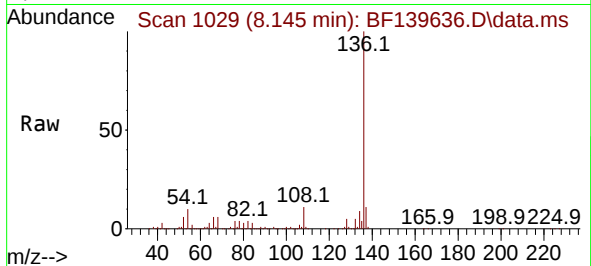
79 32.6 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

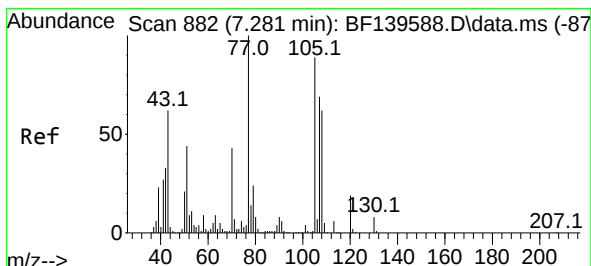
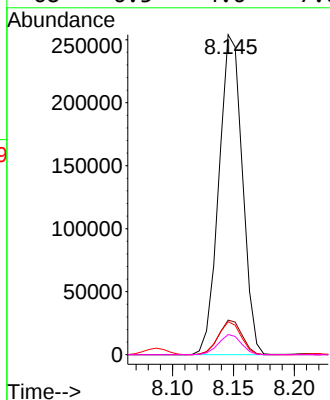
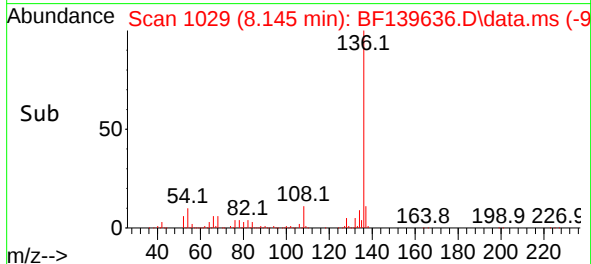
Instrument :
BNA_F
ClientSampleId :
TP-TMS



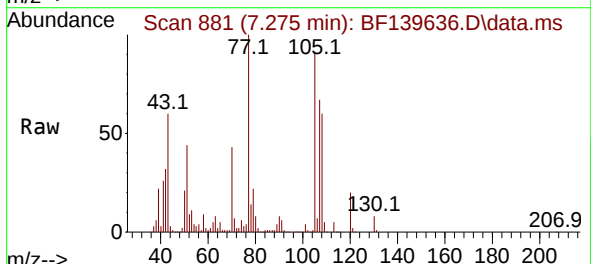
Tgt Ion:136 Resp: 340334
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.3 4.6 7.0

Manual Integrations
APPROVED

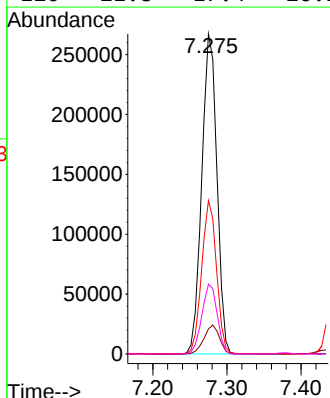
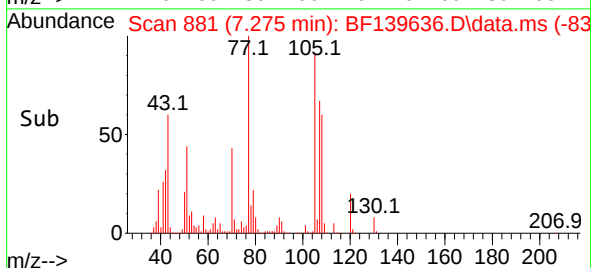
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#22
Acetophenone
Concen: 46.983 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:105 Resp: 379548
Ion Ratio Lower Upper
105 100
71 7.8 6.6 10.0
51 48.0 39.4 59.0
120 21.8 17.4 26.2





#23

Nitrobenzene-d5

Concen: 93.782 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

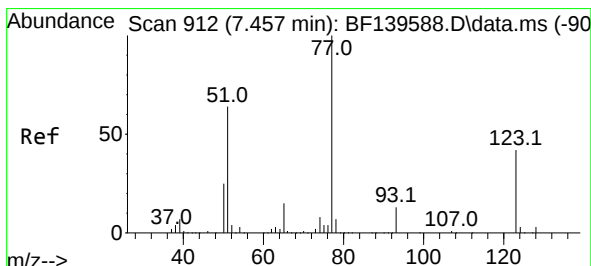
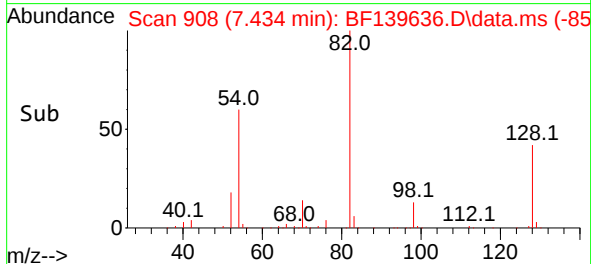
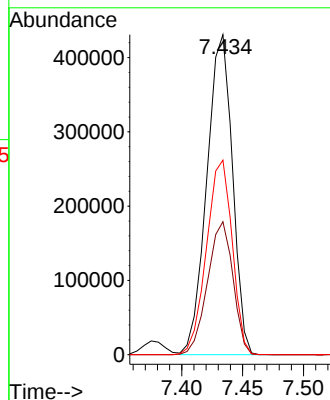
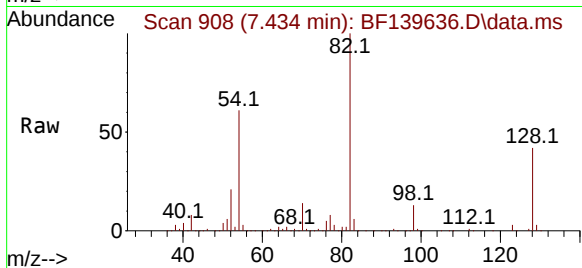
TP-TMS

Tgt Ion: 82 Resp: 630400
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.4 48.6
 54 60.8 49.1 73.7

Manual Integrations

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



#24

Nitrobenzene

Concen: 45.418 ng

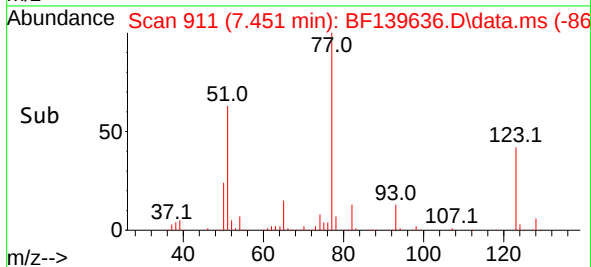
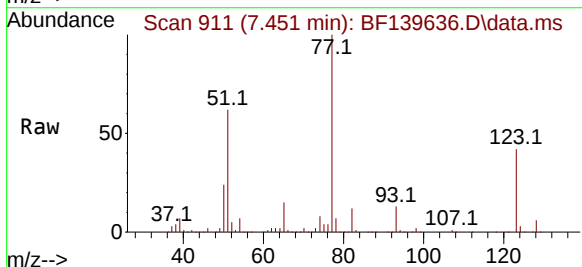
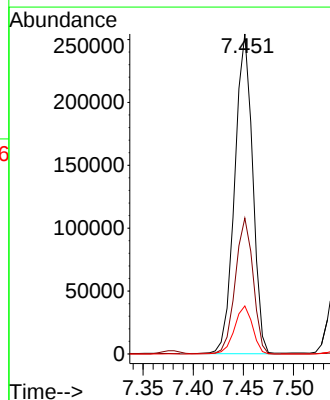
RT: 7.451 min Scan# 911

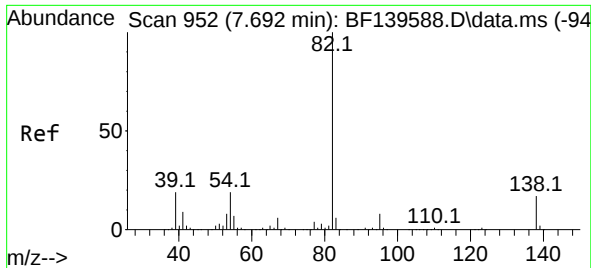
Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

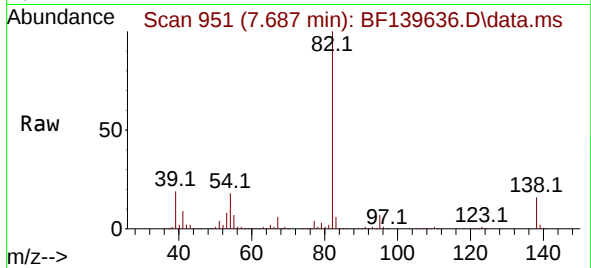
Tgt Ion: 77 Resp: 316136
 Ion Ratio Lower Upper
 77 100
 123 42.4 34.2 51.4
 65 15.0 12.1 18.1





#25
Isophorone
Concen: 47.495 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

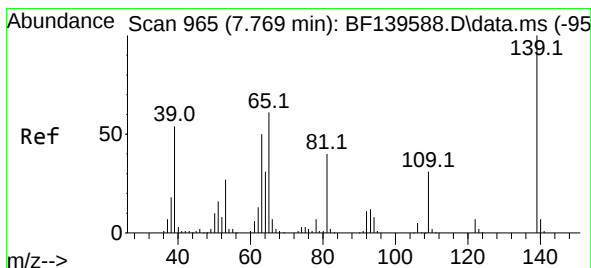
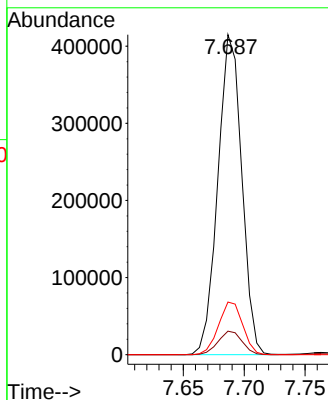
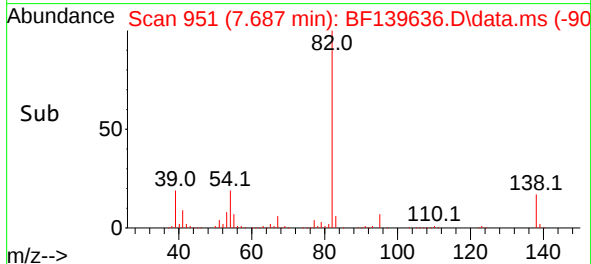
Instrument :
BNA_F
ClientSampleId :
TP-TMS



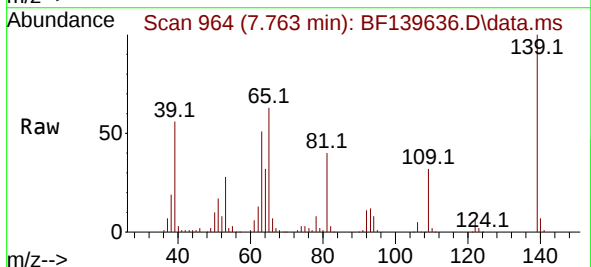
Tgt Ion: 82 Resp: 567030
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.4 13.4 20.2

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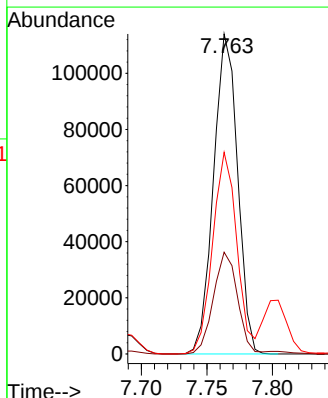
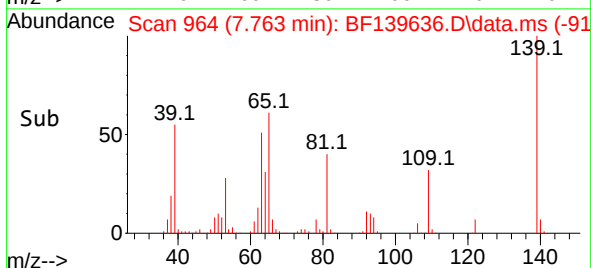
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

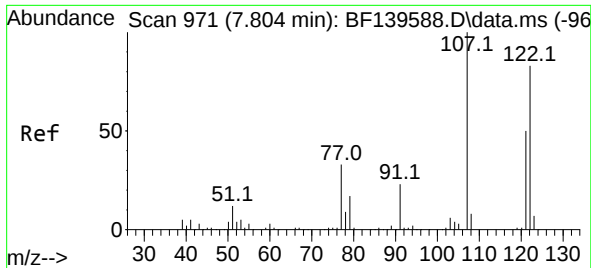


#26
2-Nitrophenol
Concen: 48.542 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



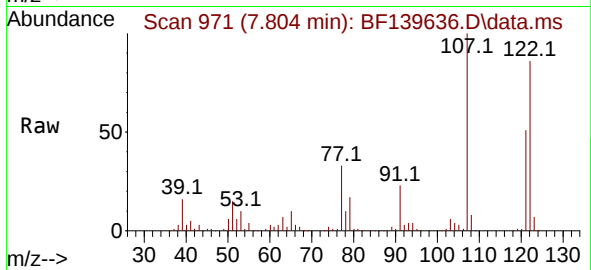
Tgt Ion:139 Resp: 145253
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 63.0 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 58.495 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

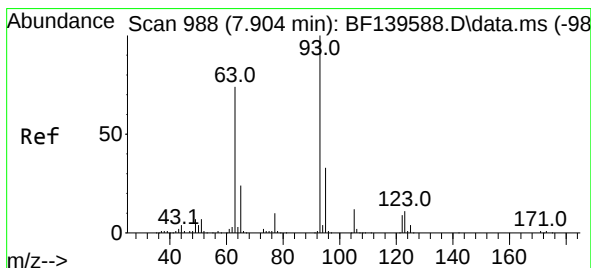
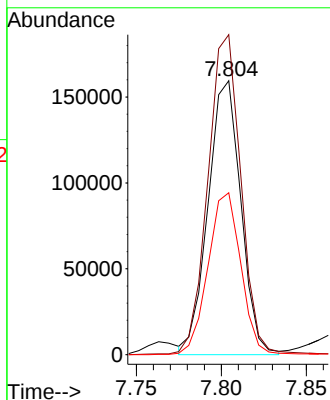
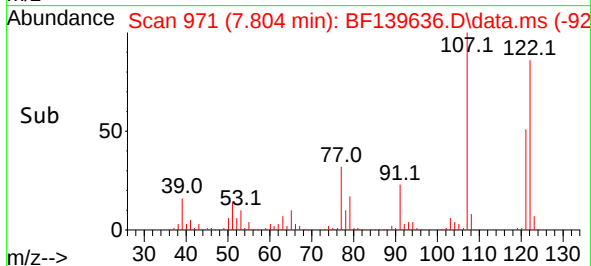
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:122 Resp: 21427
Ion Ratio Lower Upper
122 100
107 116.8 95.4 143.0
121 59.1 47.4 71.2

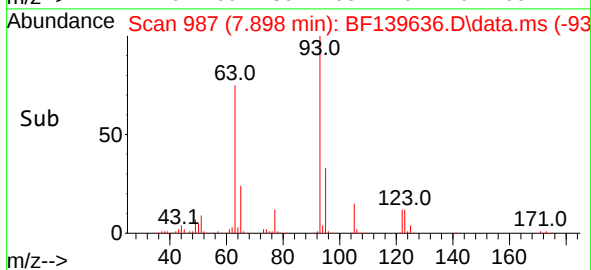
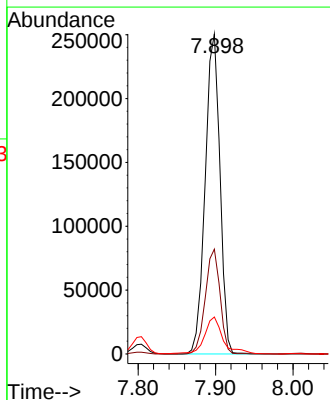
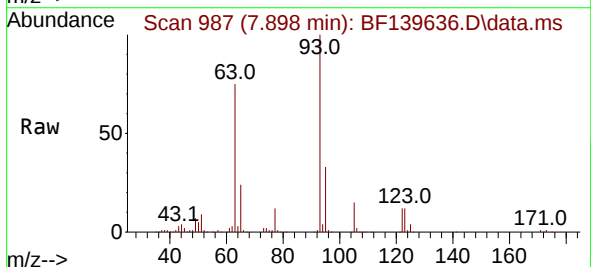
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 46.442 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

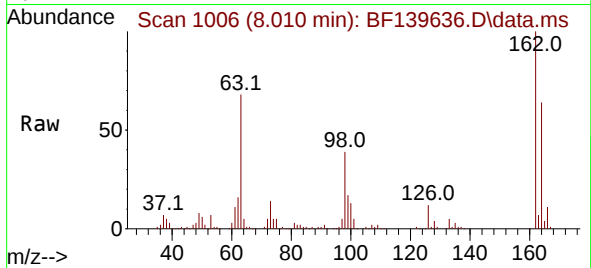
Tgt Ion: 93 Resp: 331094
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.6 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 48.328 ng
RT: 8.010 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

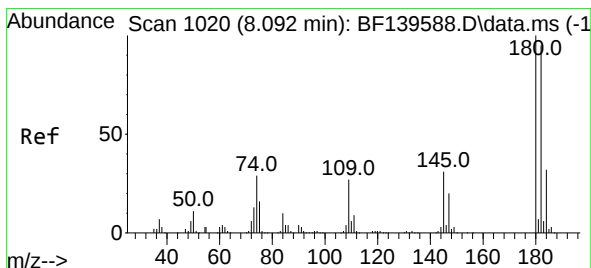
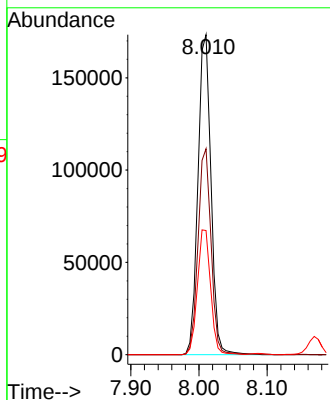
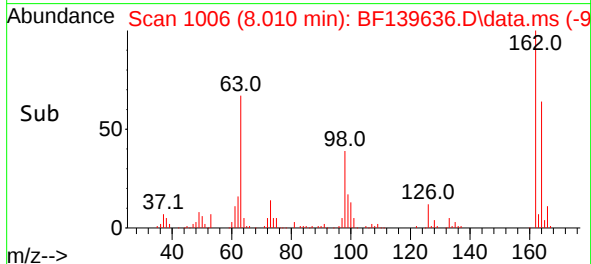
Instrument :
BNA_F
ClientSampleId :
TP-TMS



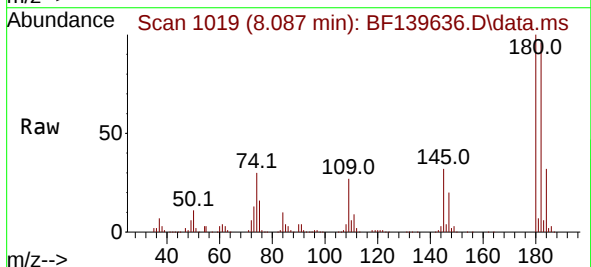
Tgt Ion:162 Resp: 230915
Ion Ratio Lower Upper
162 100
164 64.3 43.1 83.1
98 38.8 20.8 60.8

Manual Integrations
APPROVED

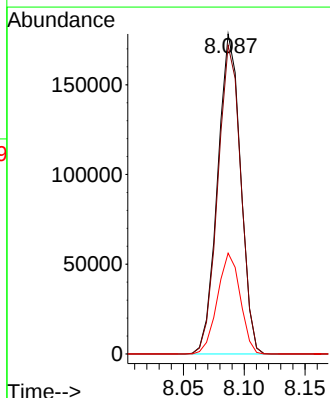
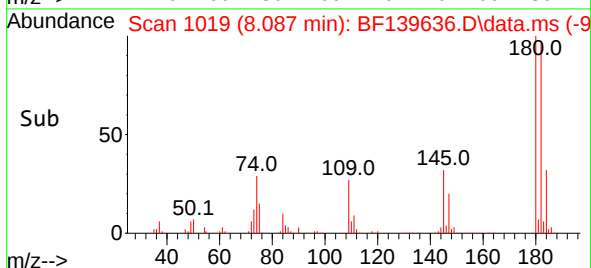
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.299 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



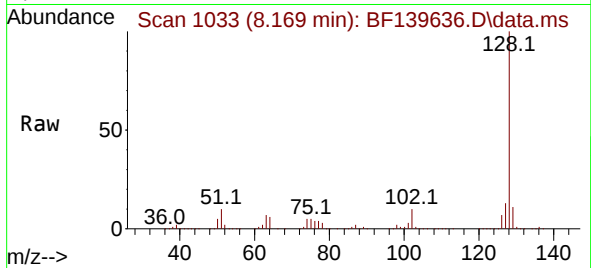
Tgt Ion:180 Resp: 233968
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 31.5 25.0 37.6





#31
Naphthalene
Concen: 45.561 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

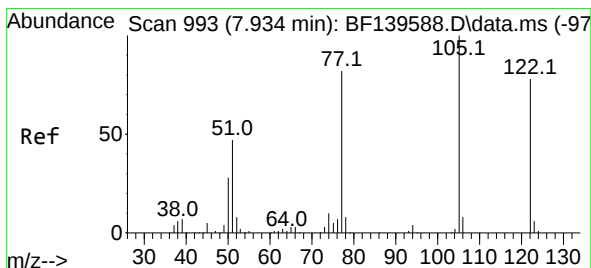
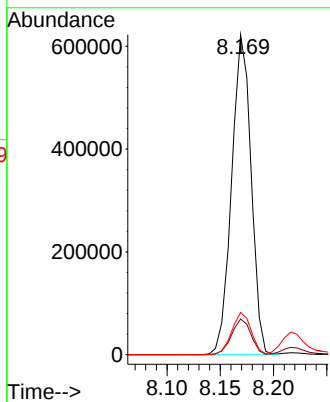
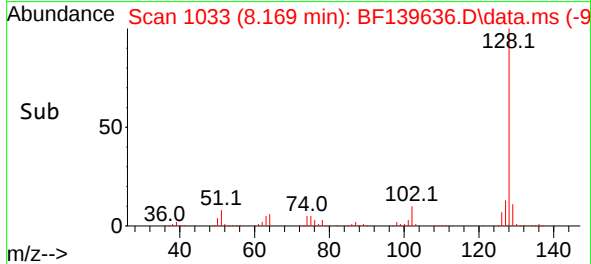
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:128 Resp: 792794
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.5 15.7

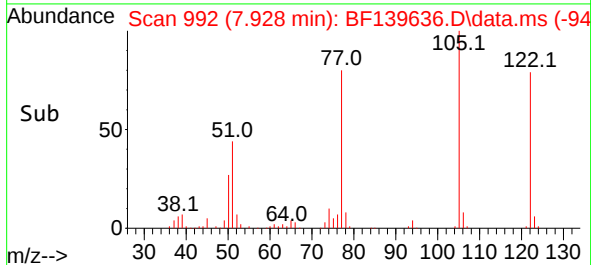
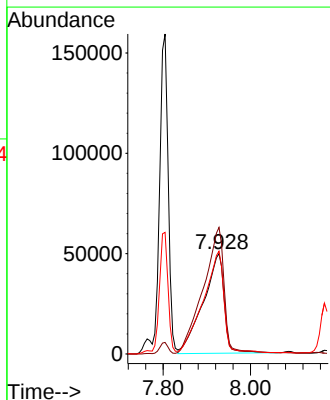
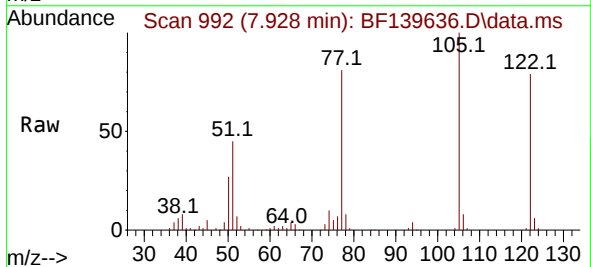
Manual Integrations
APPROVED

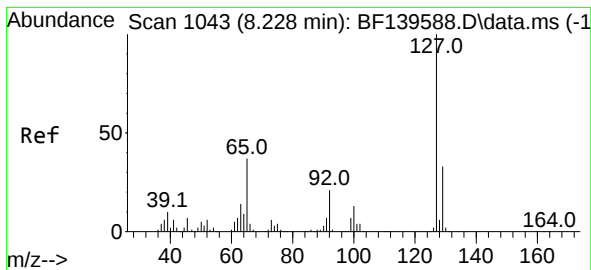
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 45.432 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:122 Resp: 165488
Ion Ratio Lower Upper
122 100
105 126.2 104.9 144.9
77 102.5 82.7 122.7





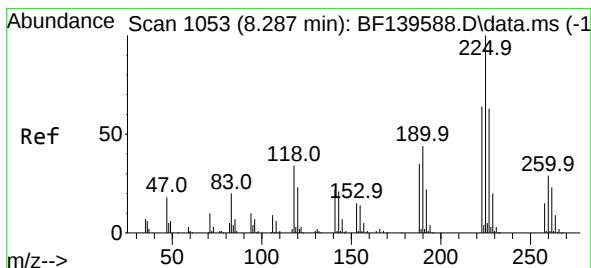
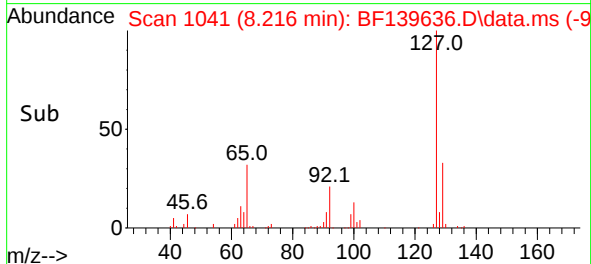
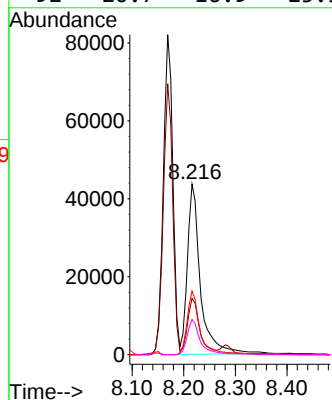
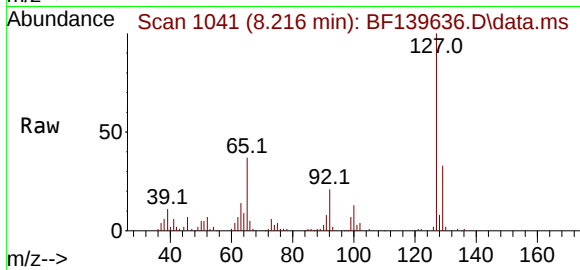
#33
4-Chloroaniline
Concen: 13.052 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
Client SampleId :
TP-TMS

Tgt Ion:127	Resp: 7687
Ion Ratio	Lower Upper
127 100	
129 33.0	26.2 39.4
65 37.3	29.3 43.9
92 20.7	16.9 25.3

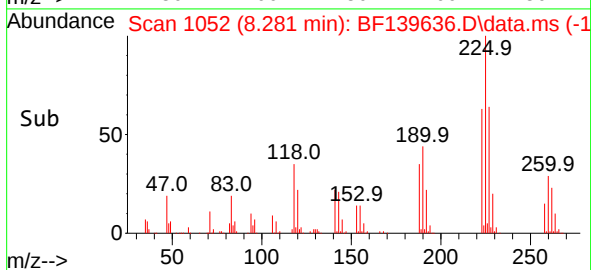
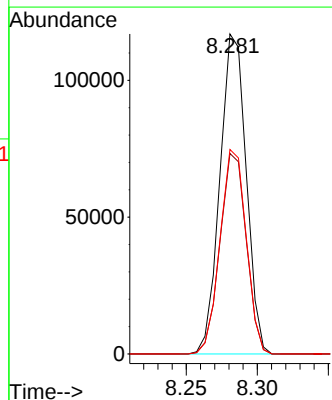
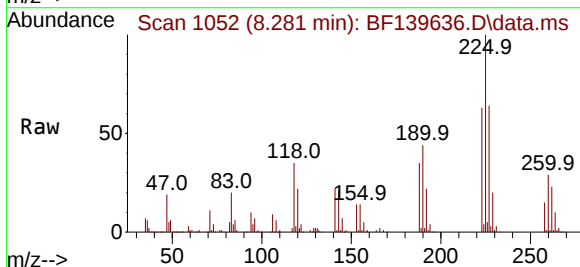
Manual Integrations
APPROVED

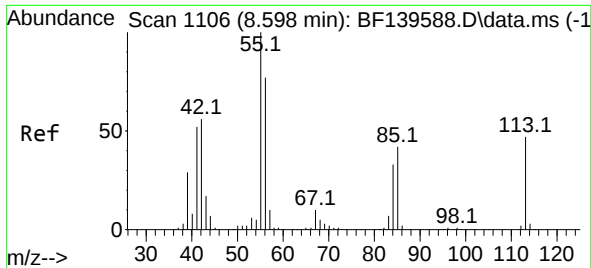
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 42.981 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

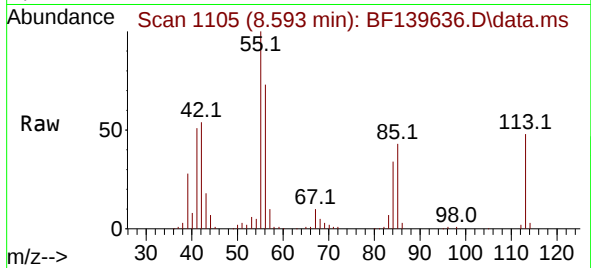
Tgt Ion:225	Resp: 150298
Ion Ratio	Lower Upper
225 100	
223 62.6	50.9 76.3
227 63.9	50.7 76.1





#35
 Caprolactam
 Concen: 42.931 ng m
 RT: 8.593 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

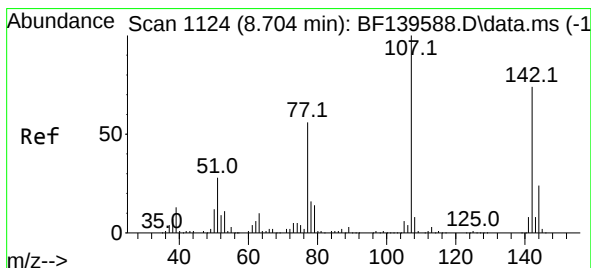
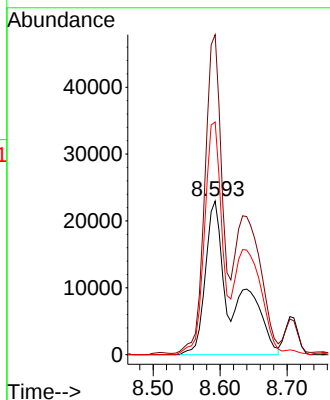
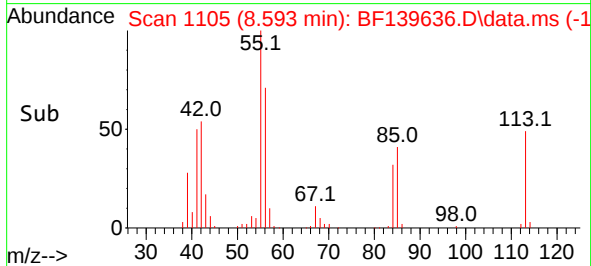
Instrument :
 BNA_F
 ClientSampleId :
 TP-TMS



Tgt Ion:113 Resp: 6728
 Ion Ratio Lower Upper
 113 100
 55 208.4 193.4 233.4
 56 151.5 143.8 183.8

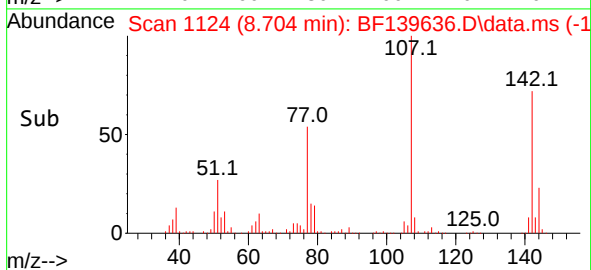
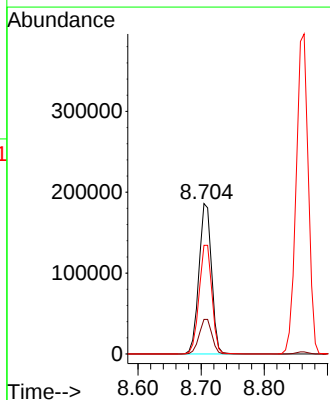
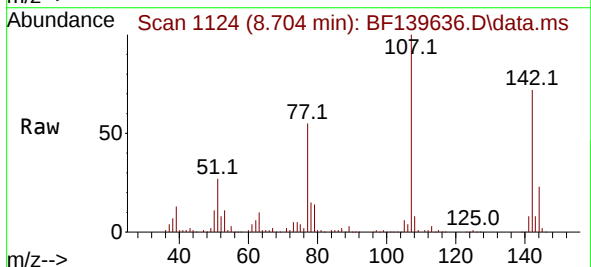
Manual Integrations
 APPROVED

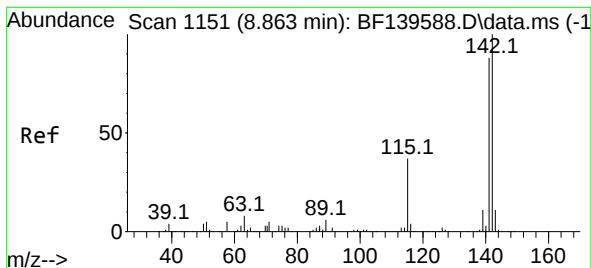
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.785 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

Tgt Ion:107 Resp: 258461
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.0 28.6
 142 72.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.557 ng

RT: 8.863 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:142 Resp: 52763

Ion Ratio Lower Upper

142 100

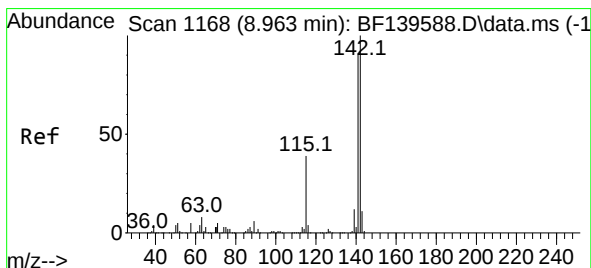
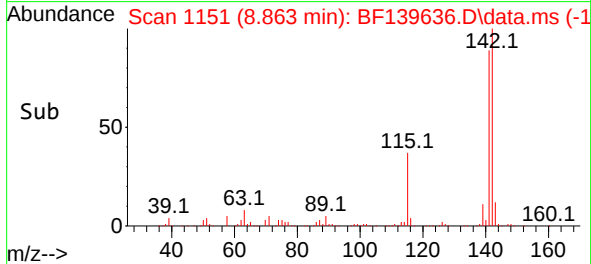
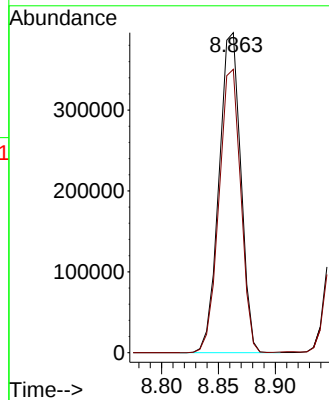
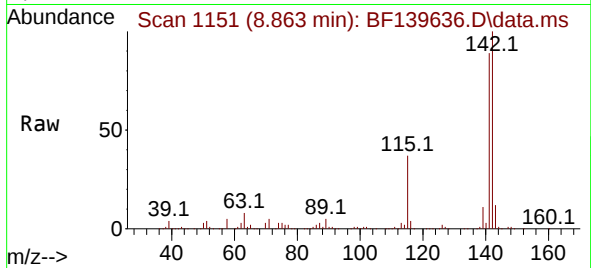
141 88.6 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#38

1-Methylnaphthalene

Concen: 44.377 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF139636.D

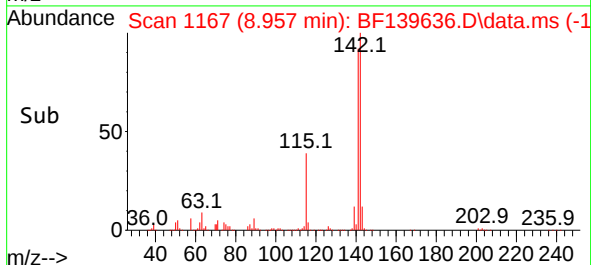
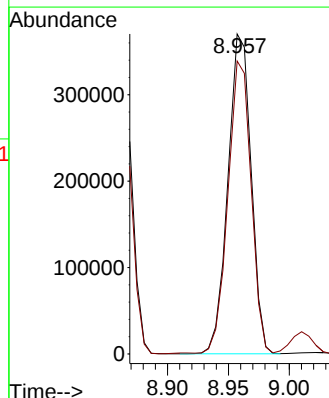
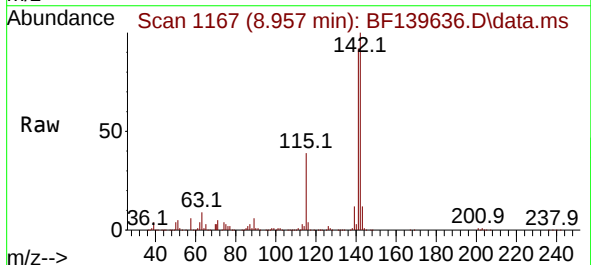
Acq: 03 Oct 2024 17:29

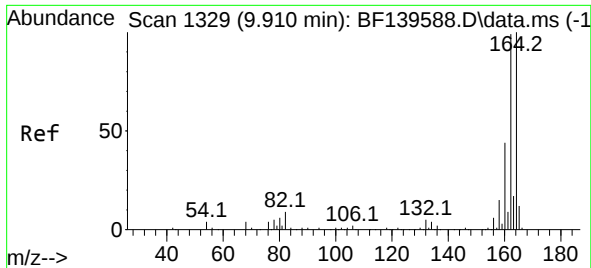
Tgt Ion:142 Resp: 491602

Ion Ratio Lower Upper

142 100

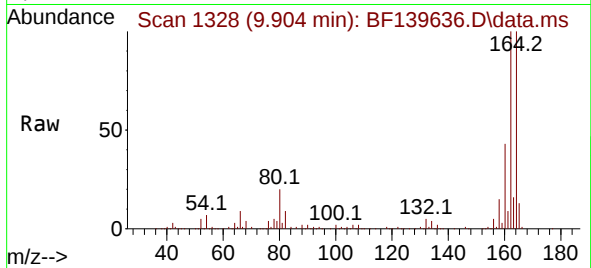
141 91.5 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

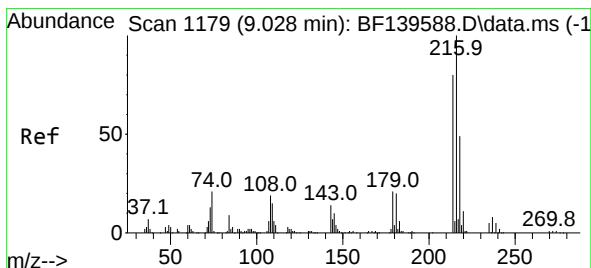
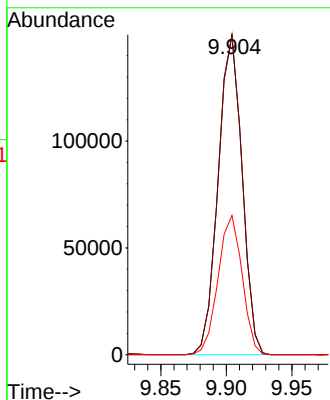
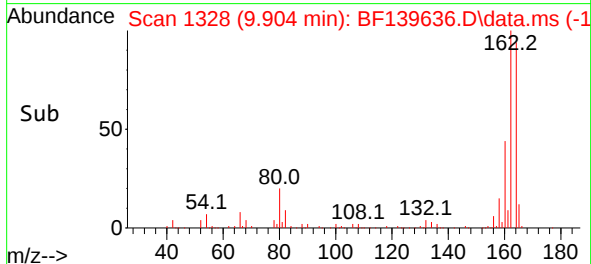
Instrument :
BNA_F
ClientSampleId :
TP-TMS



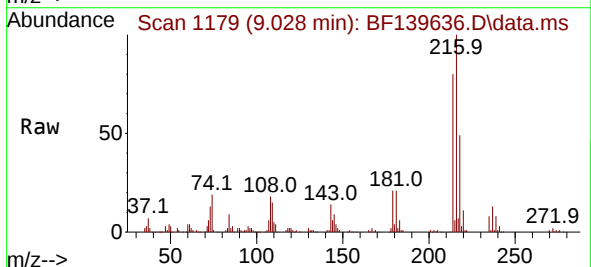
Tgt Ion:164 Resp: 189635
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.5 35.1 52.7

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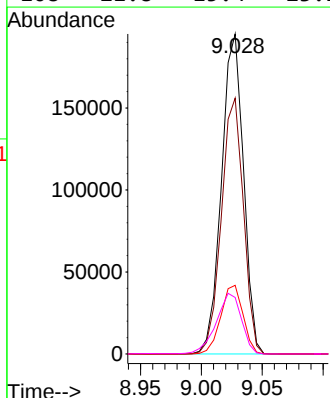
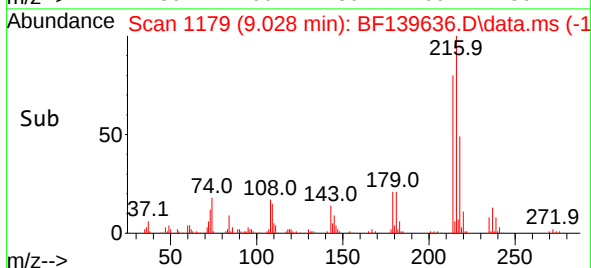
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

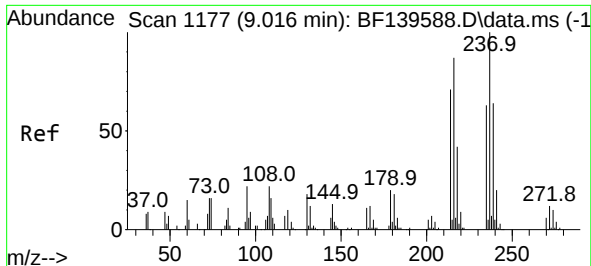


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.630 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



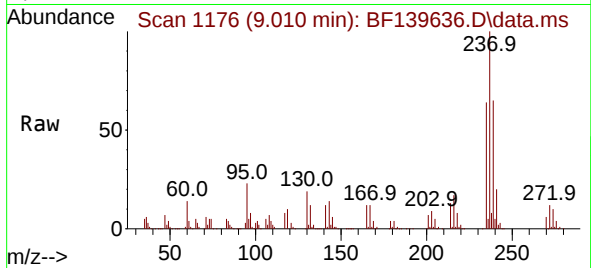
Tgt Ion:216 Resp: 245550
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 21.7 16.9 25.3
108 21.8 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 166.636 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

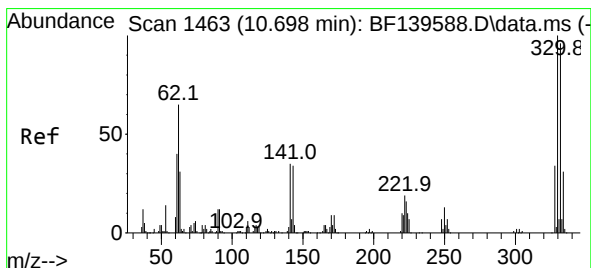
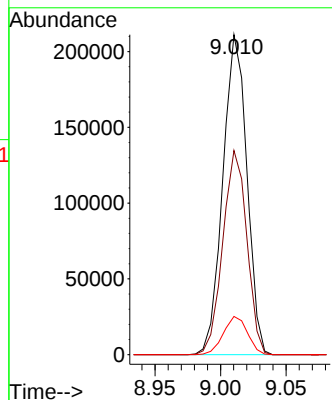
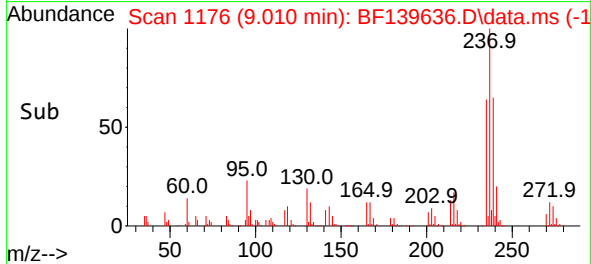
Instrument :
BNA_F
ClientSampleId :
TP-TMS



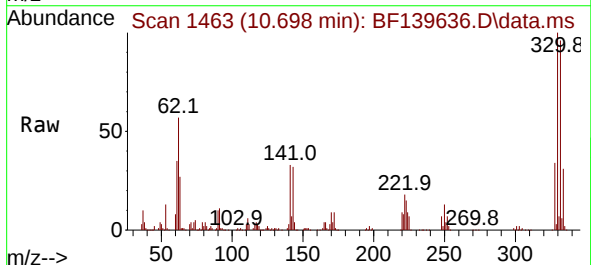
Tgt Ion:237 Resp: 26906
Ion Ratio Lower Upper
237 100
235 63.8 42.5 82.5
272 12.0 0.0 32.1

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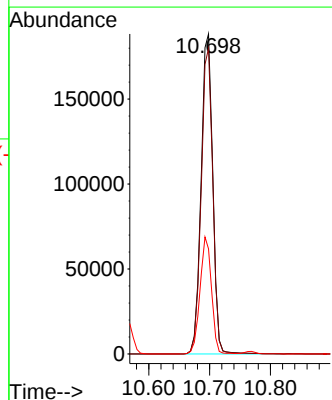
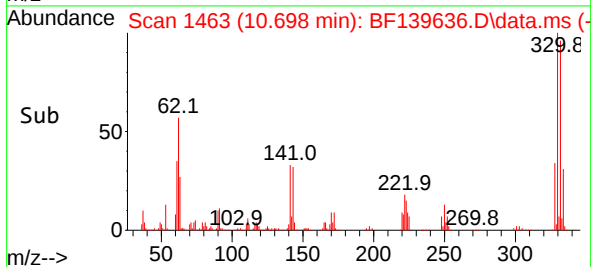
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 136.770 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



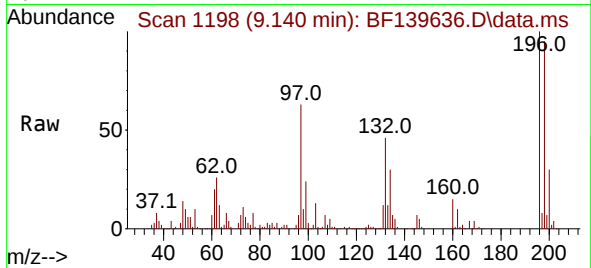
Tgt Ion:330 Resp: 250374
Ion Ratio Lower Upper
330 100
332 95.2 76.5 114.7
141 36.1 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 48.622 ng
RT: 9.140 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

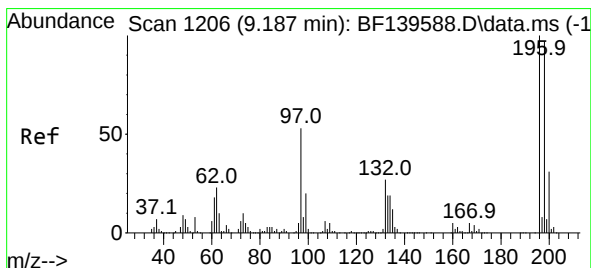
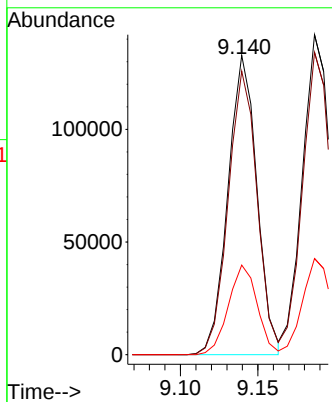
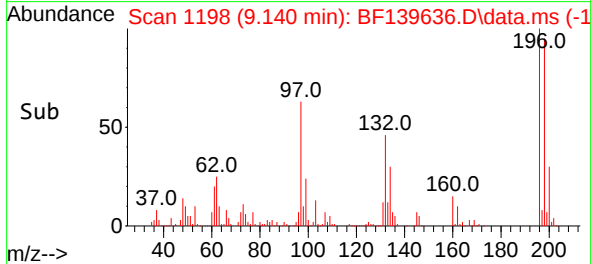
Instrument :
BNA_F
ClientSampleId :
TP-TMS



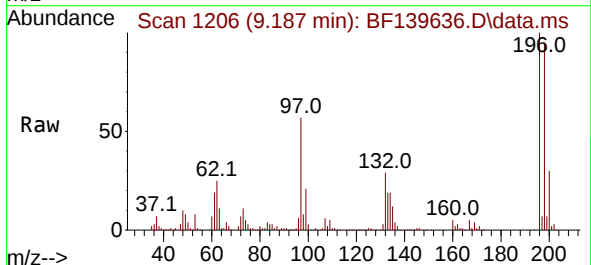
Tgt Ion:196 Resp: 172600
Ion Ratio Lower Upper
196 100
198 94.7 75.2 112.8
200 29.9 24.6 37.0

Manual Integrations
APPROVED

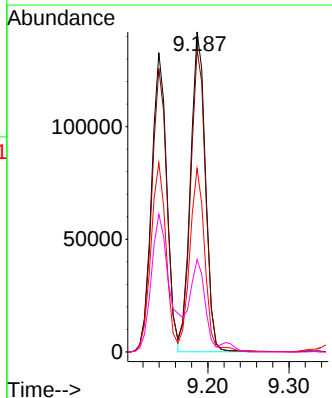
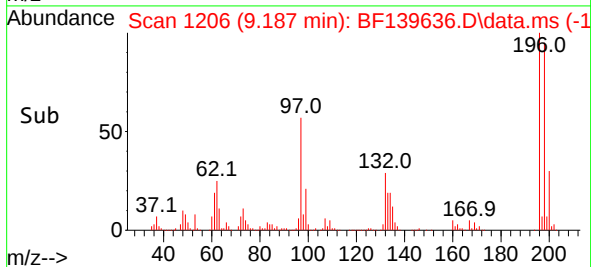
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#44
2,4,5-Trichlorophenol
Concen: 47.632 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



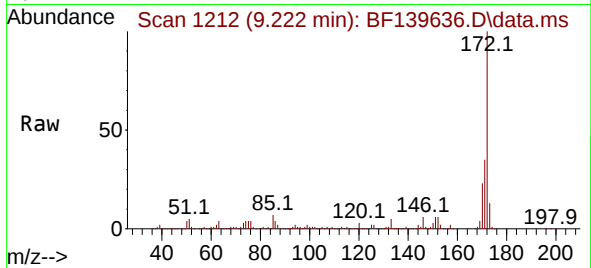
Tgt Ion:196 Resp: 182348
Ion Ratio Lower Upper
196 100
198 94.5 77.5 116.3
97 57.3 43.1 64.7
132 28.9 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 91.160 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

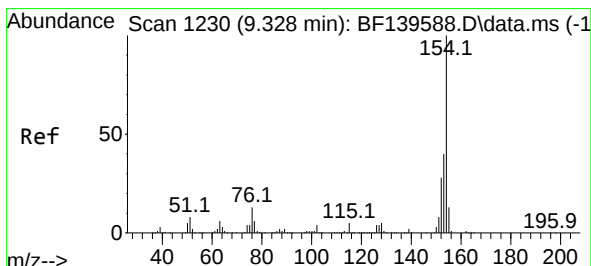
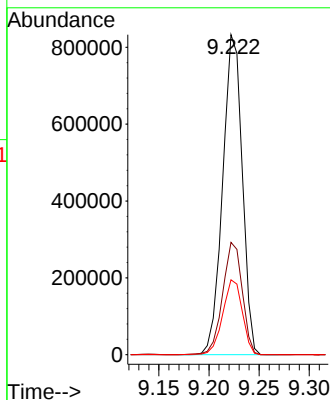
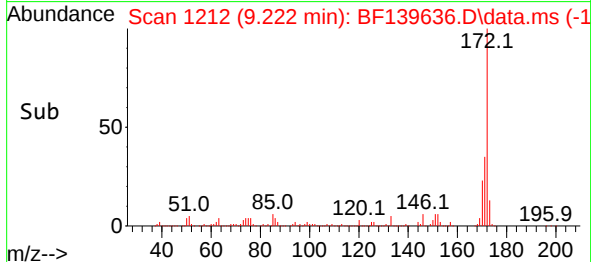
Instrument :
BNA_F
ClientSampleId :
TP-TMS



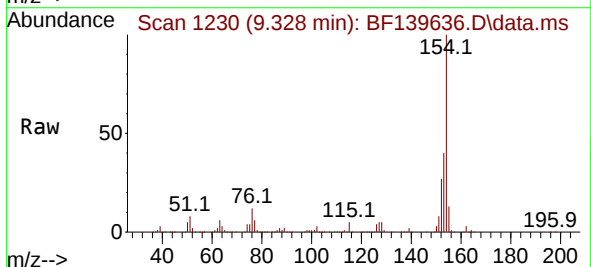
Tgt Ion:172 Resp: 112606
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.4 18.8 28.2

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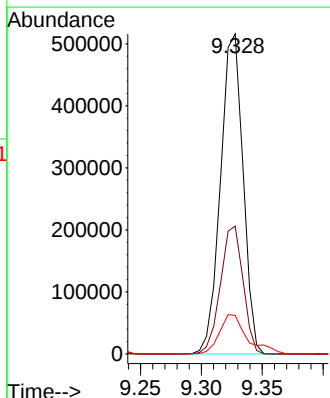
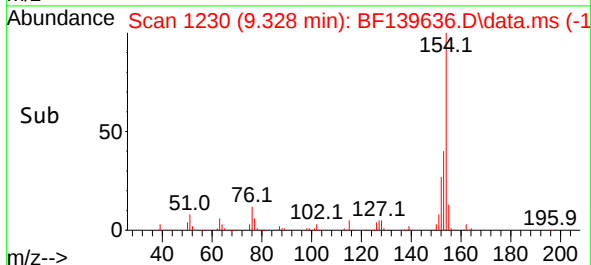
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

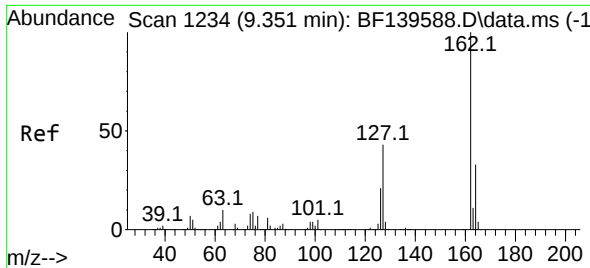


#46
1,1'-Biphenyl
Concen: 47.193 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:154 Resp: 665634
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.931 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:162 Resp: 49623

Ion Ratio Lower Upper

162 100

127 42.4 35.0 52.4

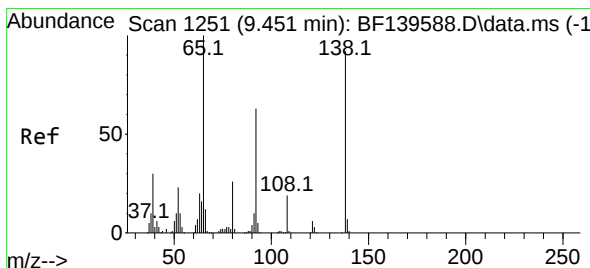
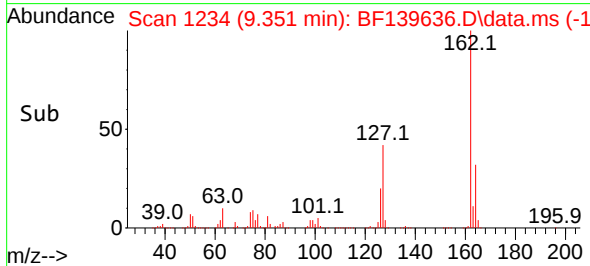
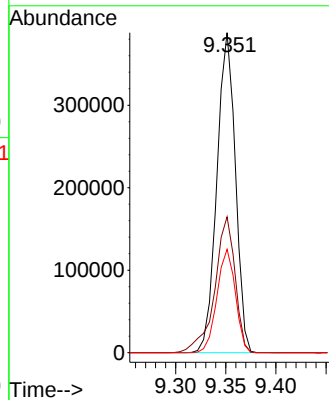
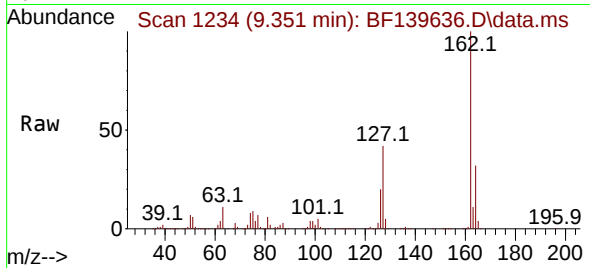
164 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#48

2-Nitroaniline

Concen: 49.895 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

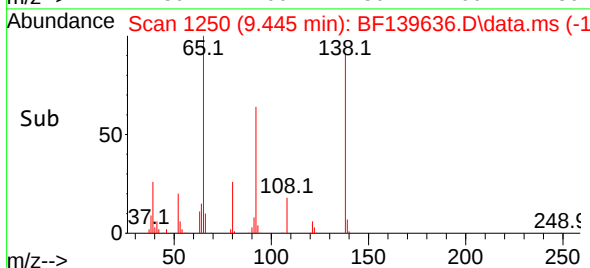
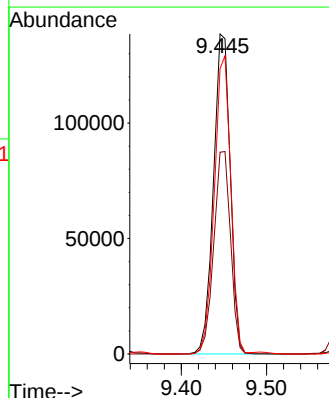
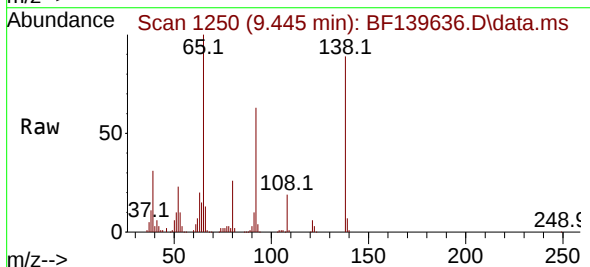
Tgt Ion: 65 Resp: 189384

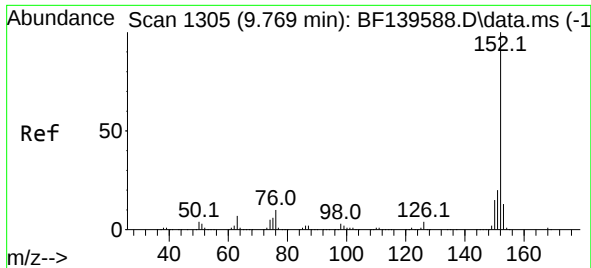
Ion Ratio Lower Upper

65 100

92 63.0 50.0 75.0

138 89.2 73.8 110.8





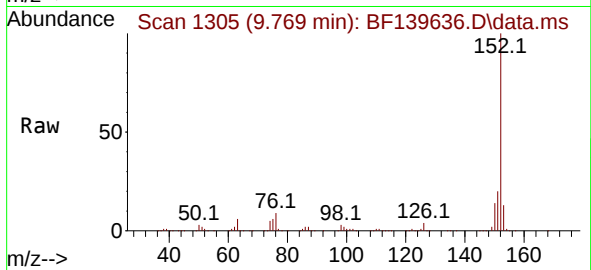
#49
Acenaphthylene
Concen: 51.136 ng
RT: 9.769 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS



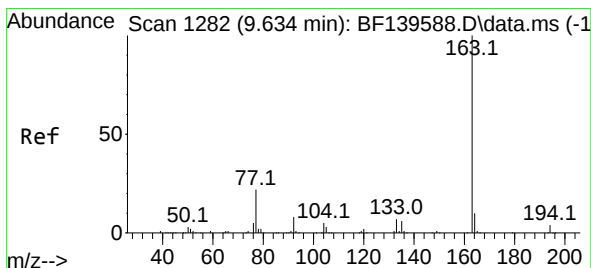
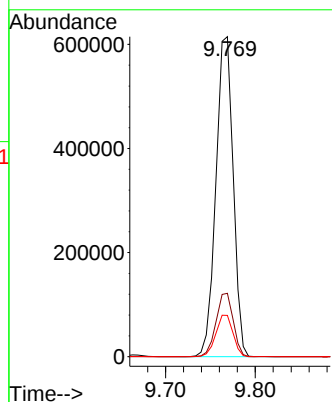
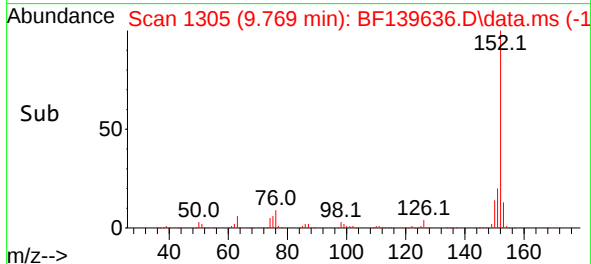
Tgt Ion:152 Resp: 822285
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 12.9 10.5 15.7

Manual Integrations

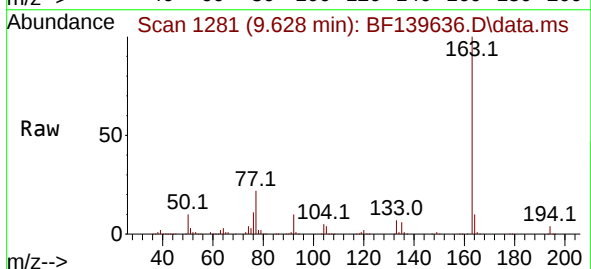
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

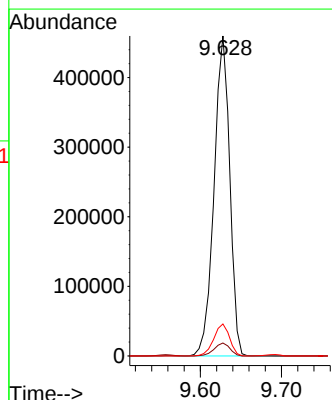
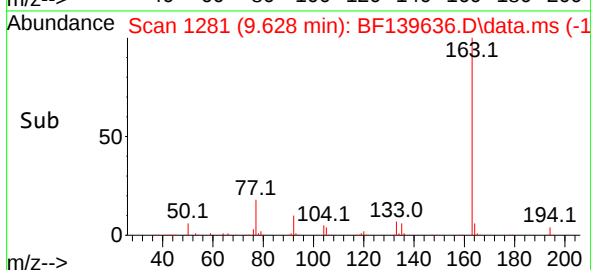
Supervised By :mohammad ahmed 10/05/2024

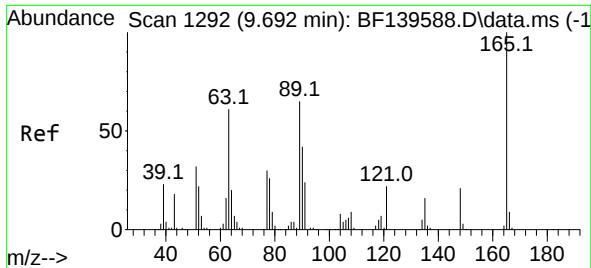


#50
Dimethylphthalate
Concen: 49.637 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



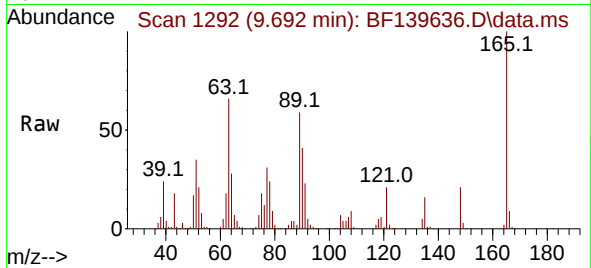
Tgt Ion:163 Resp: 616174
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.358 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

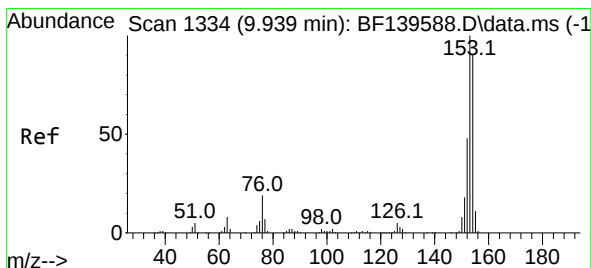
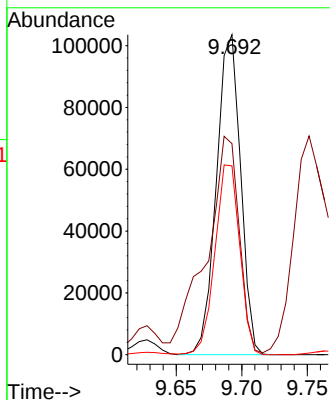
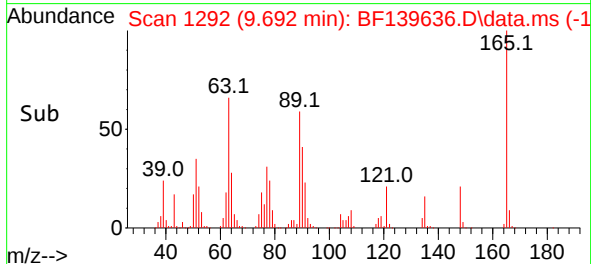
Instrument :
BNA_F
ClientSampleId :
TP-TMS



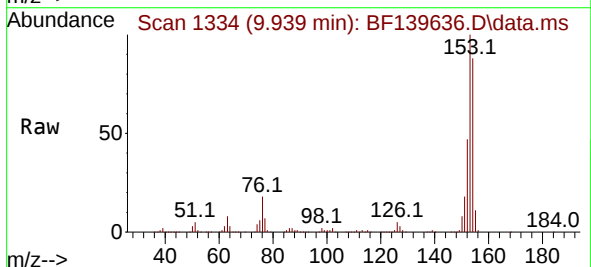
Tgt Ion:165 Resp: 13280
Ion Ratio Lower Upper
165 100
63 65.9 56.7 85.1
89 59.0 51.6 77.4

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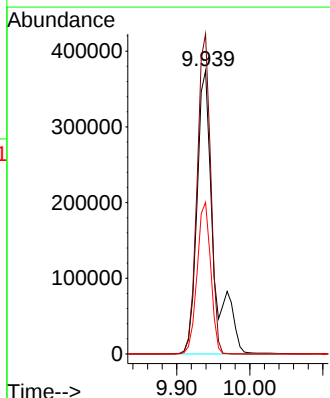
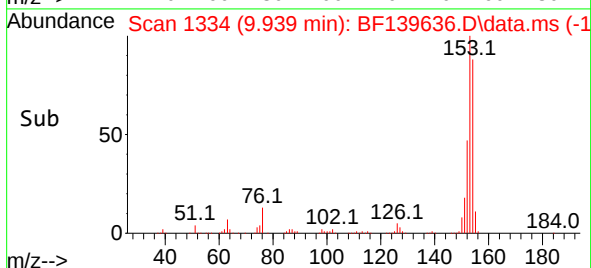
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

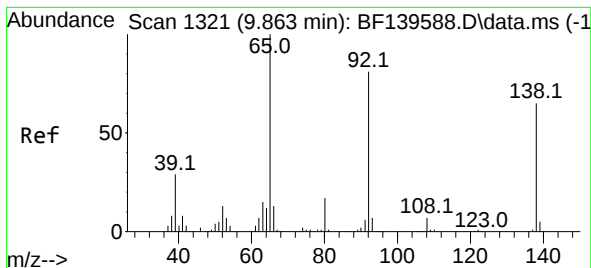


#52
Acenaphthene
Concen: 53.770 ng m
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:154 Resp: 593578
Ion Ratio Lower Upper
154 100
153 113.0 88.8 133.2
152 53.6 42.5 63.7





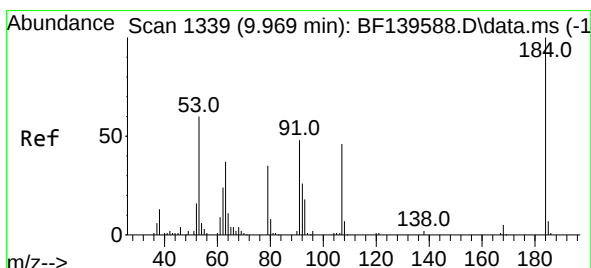
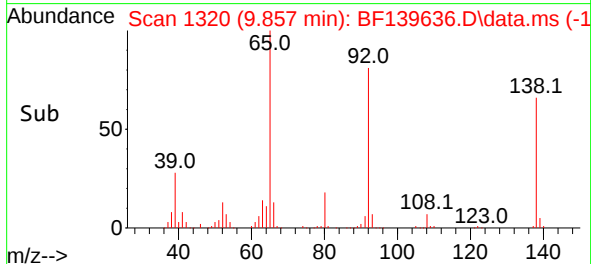
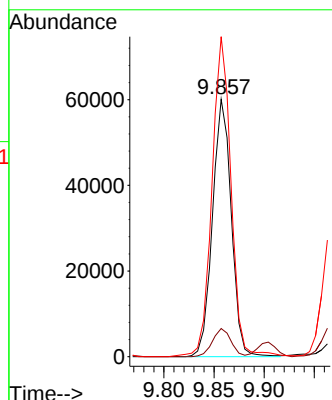
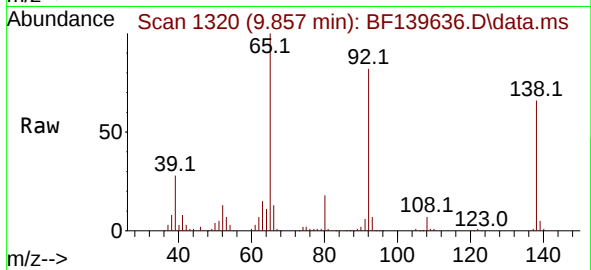
#53
3-Nitroaniline
Concen: 27.369 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:138 Resp: 78430
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 124.3 100.0 150.0

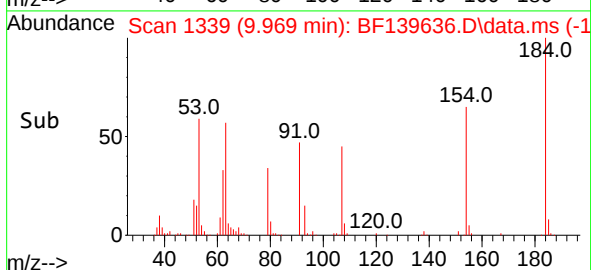
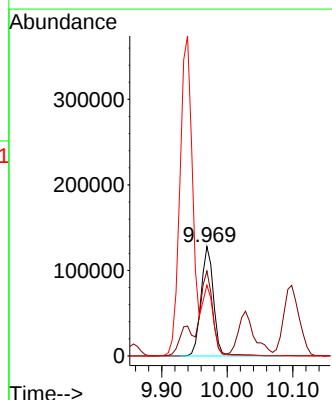
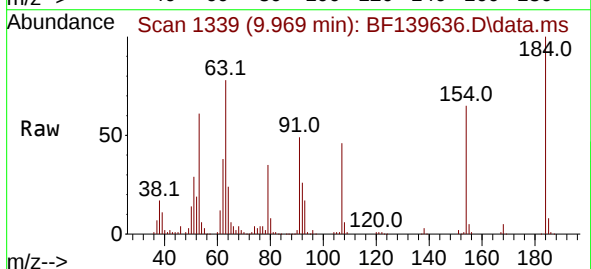
Manual Integrations
APPROVED

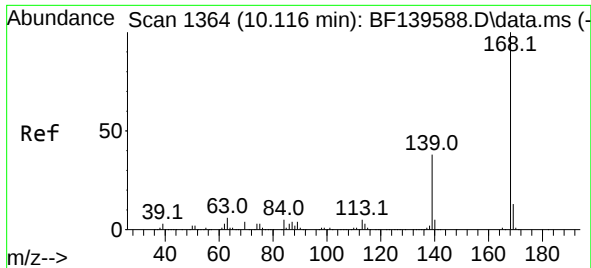
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#54
2,4-Dinitrophenol
Concen: 113.357 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

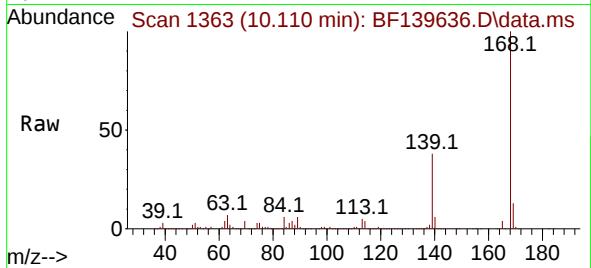
Tgt Ion:184 Resp: 170974
Ion Ratio Lower Upper
184 100
63 77.6 61.7 92.5
154 64.6 53.0 79.4





#55
Dibenzenofuran
Concen: 48.153 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

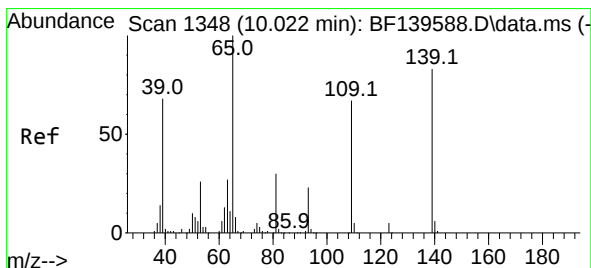
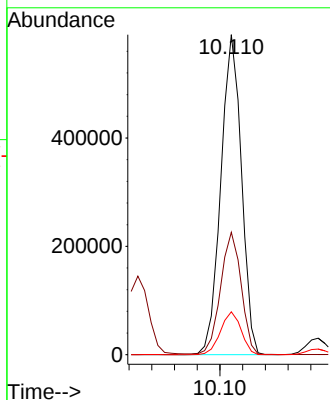
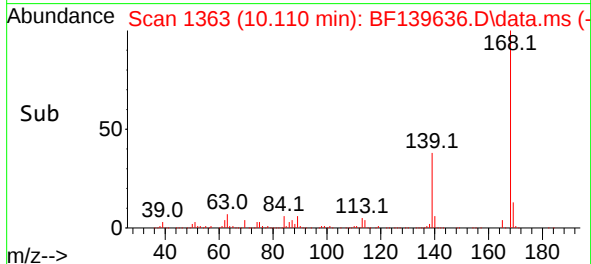
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:168 Resp: 74427
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.4 10.7 16.1

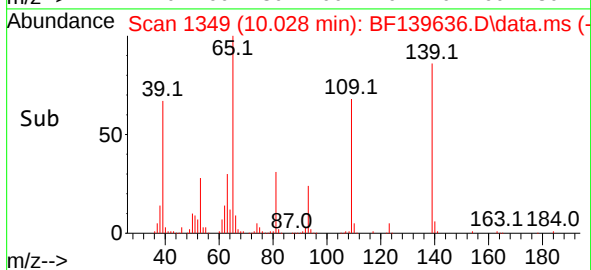
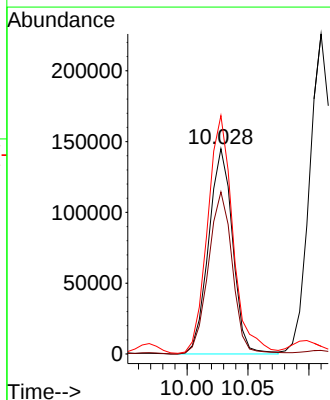
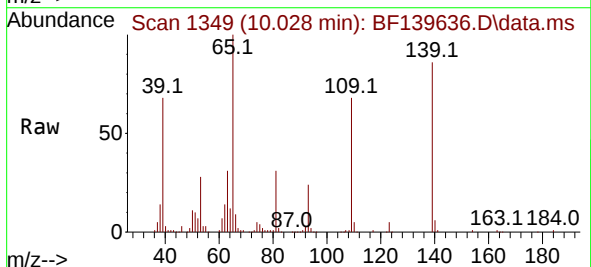
Manual Integrations
APPROVED

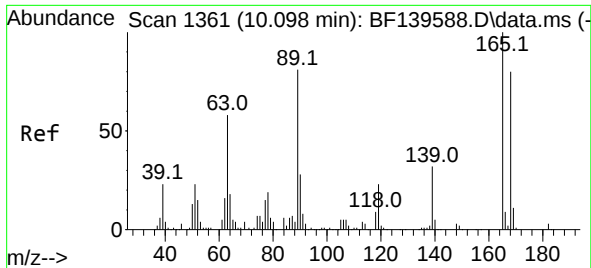
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 90.966 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

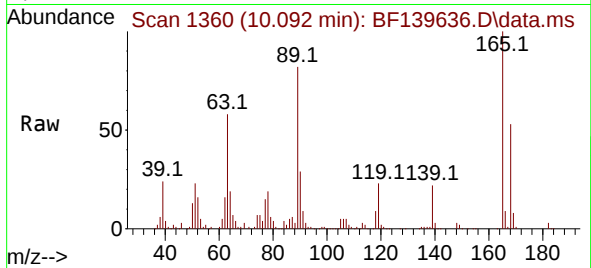
Tgt Ion:139 Resp: 198788
Ion Ratio Lower Upper
139 100
109 79.0 60.3 100.3
65 116.1 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 49.369 ng
RT: 10.092 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

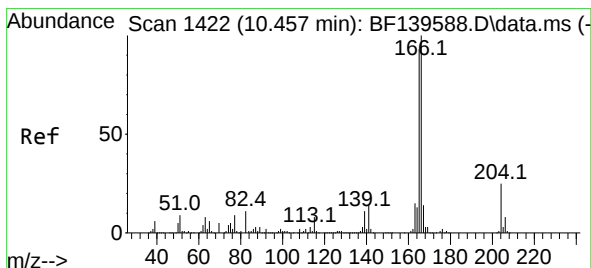
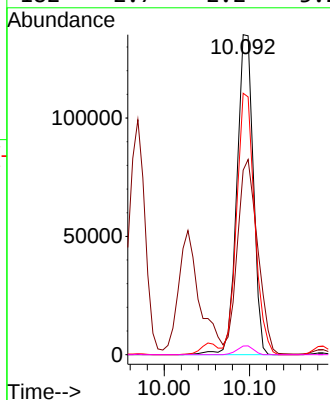
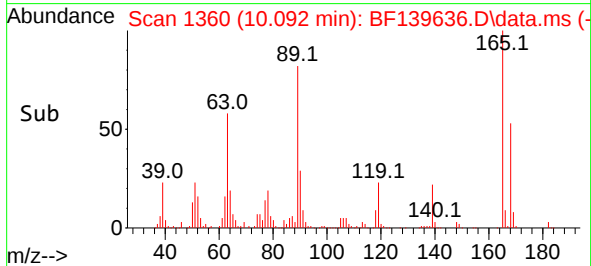
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:165 Resp: 180959
Ion Ratio Lower Upper
165 100
63 57.7 46.9 70.3
89 81.7 64.4 96.6
182 2.7 2.2 3.2

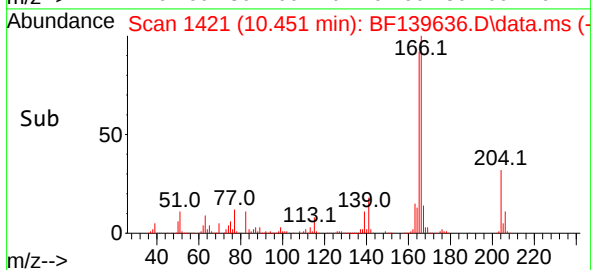
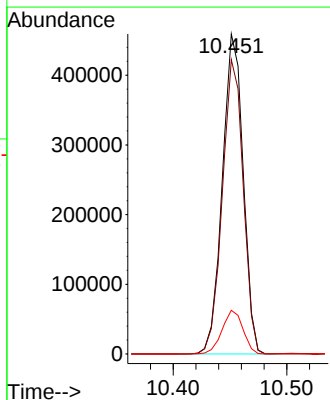
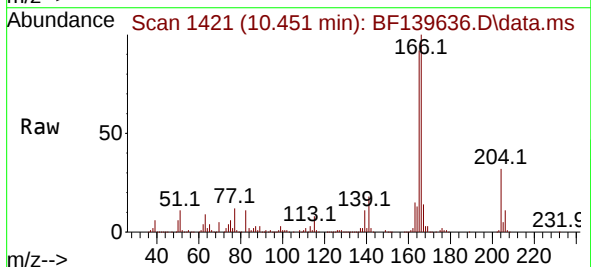
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 47.495 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

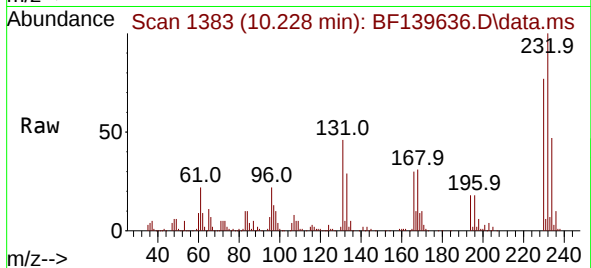
Tgt Ion:166 Resp: 584687
Ion Ratio Lower Upper
166 100
165 91.9 74.4 111.6
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.852 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

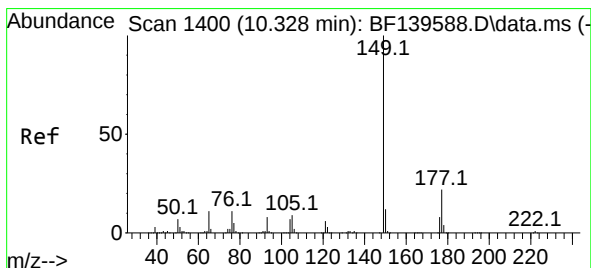
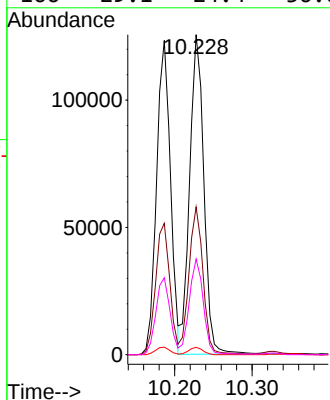
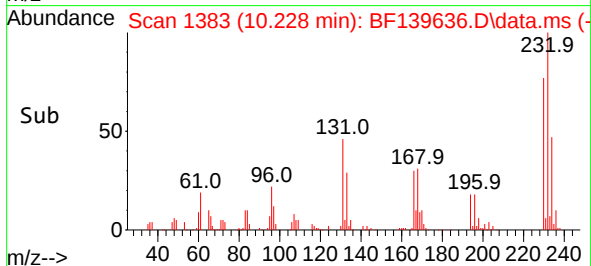
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:232 Resp: 160321
Ion Ratio Lower Upper
232 100
131 46.0 37.8 56.6
130 2.3 1.9 2.9
166 29.1 24.4 36.6

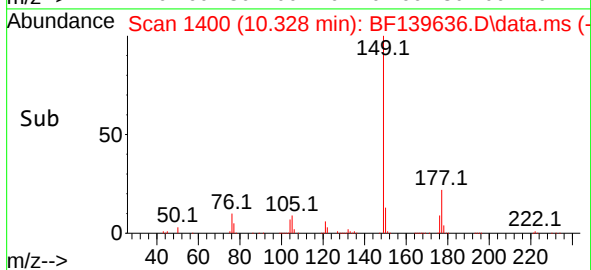
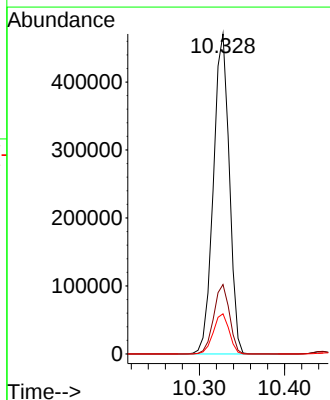
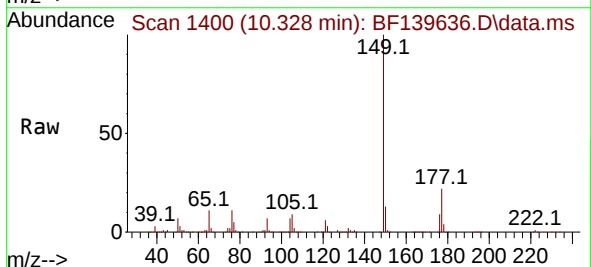
Manual Integrations
APPROVED

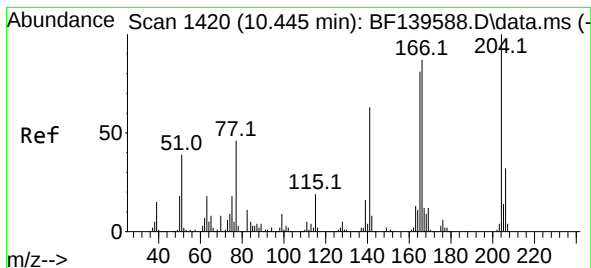
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#60
Diethylphthalate
Concen: 47.525 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

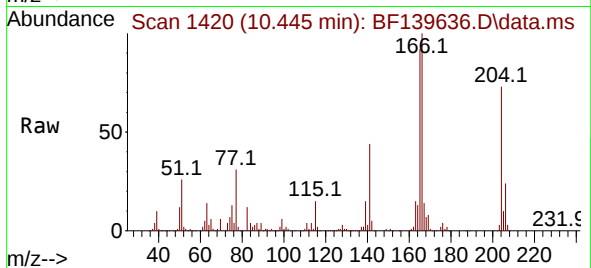
Tgt Ion:149 Resp: 609365
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.595 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

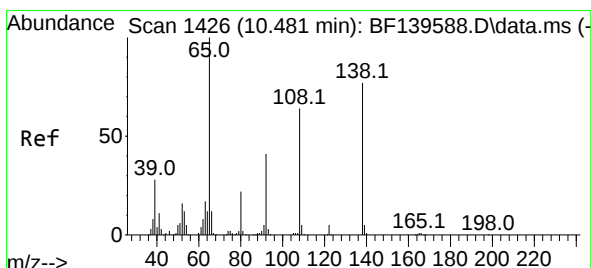
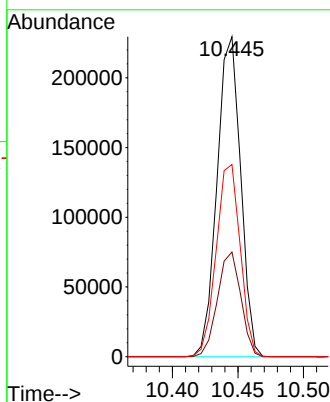
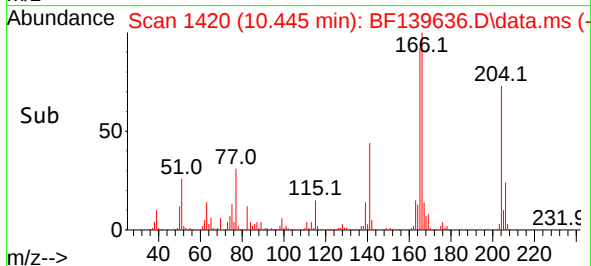
Instrument :
BNA_F
ClientSampleId :
TP-TMS



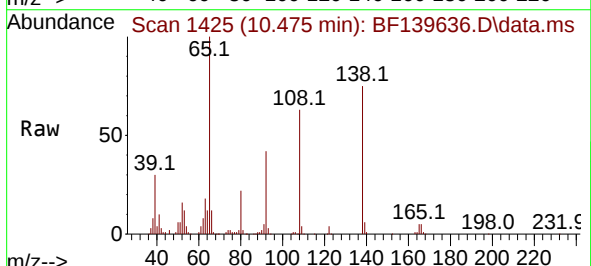
Tgt Ion:204 Resp: 28697
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.0 50.5 75.7

Manual Integrations
APPROVED

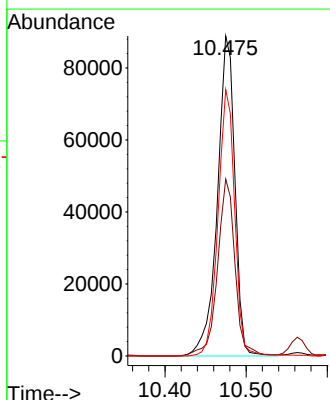
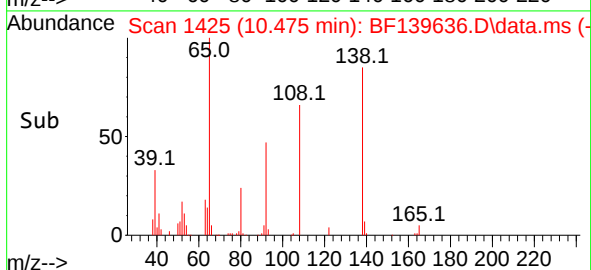
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

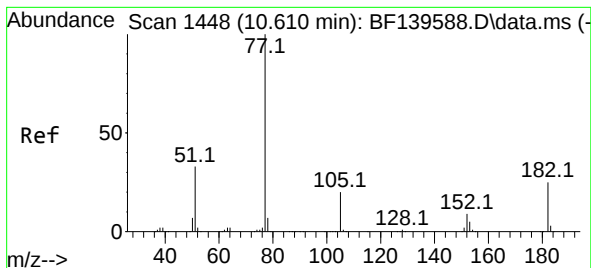


#62
4-Nitroaniline
Concen: 45.542 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



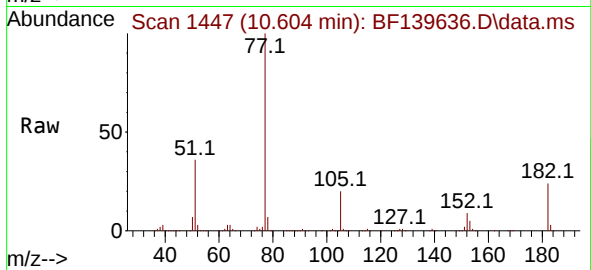
Tgt Ion:138 Resp: 133494
Ion Ratio Lower Upper
138 100
92 55.3 33.3 73.3
108 83.3 62.1 102.1





#63
Azobenzene
Concen: 47.509 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

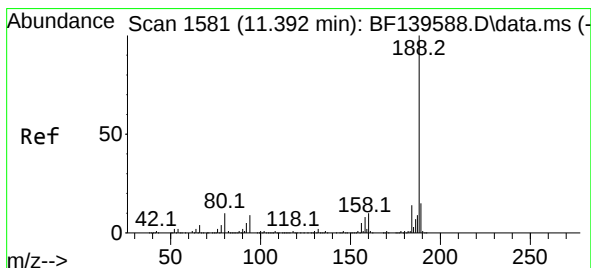
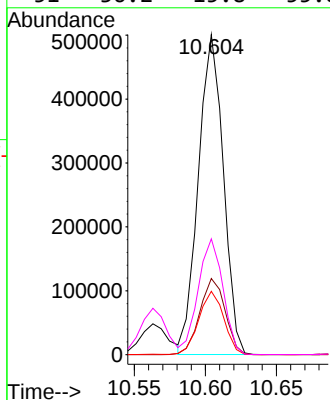
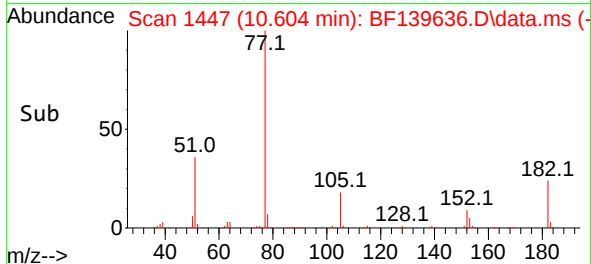
Instrument :
BNA_F
Client SampleId :
TP-TMS



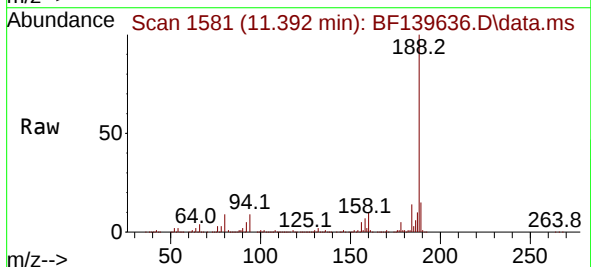
Tgt Ion: 77 Resp: 612600
Ion Ratio Lower Upper
77 100
182 23.8 4.2 44.2
105 19.8 0.0 39.6
51 36.2 15.8 55.8

Manual Integrations
APPROVED

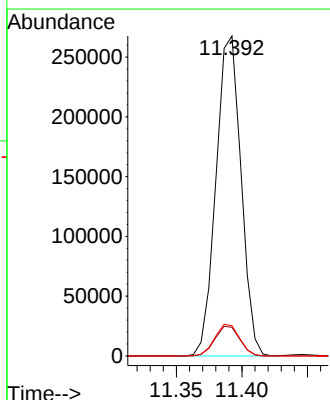
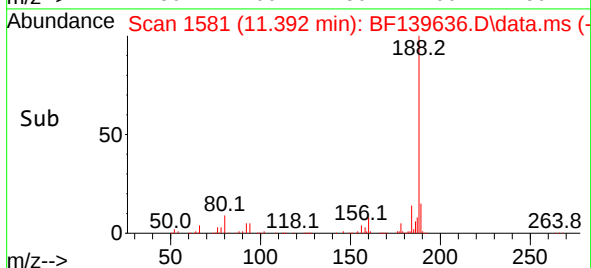
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

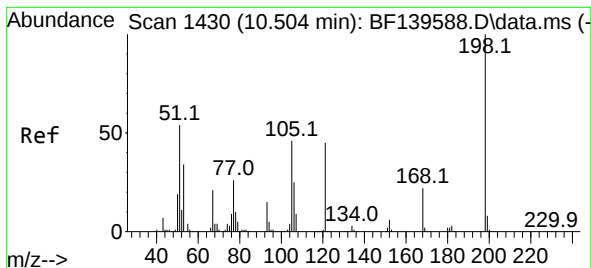


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:188 Resp: 355376
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.4 8.2 12.2





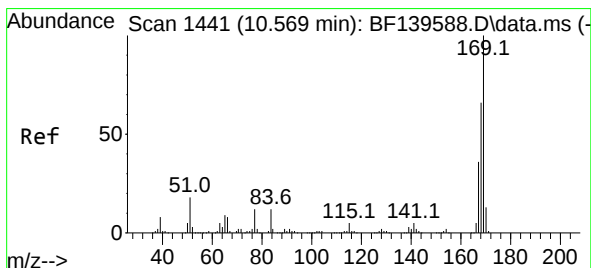
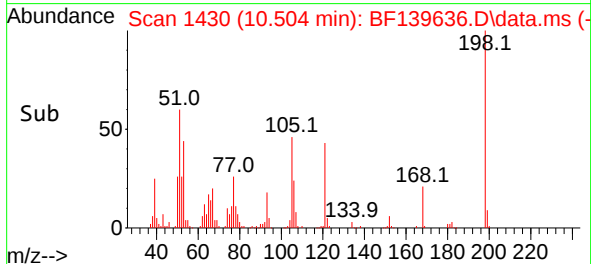
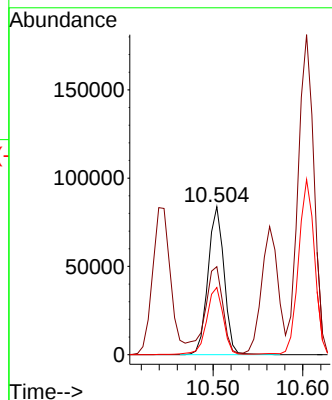
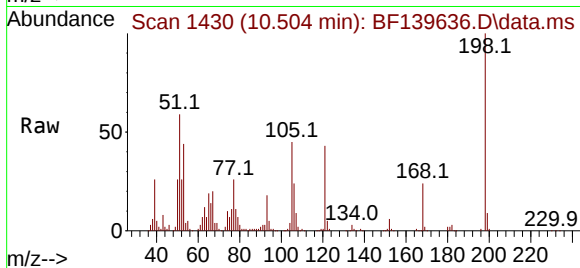
#65
4,6-Dinitro-2-methylphenol
Concen: 51.884 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
TP-TMS

Tgt Ion:198 Resp: 104130
Ion Ratio Lower Upper
198 100
51 59.4 43.0 83.0
105 45.4 26.6 66.6

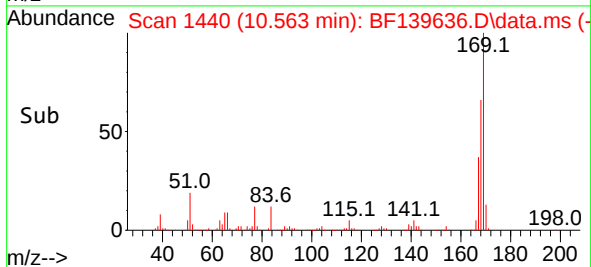
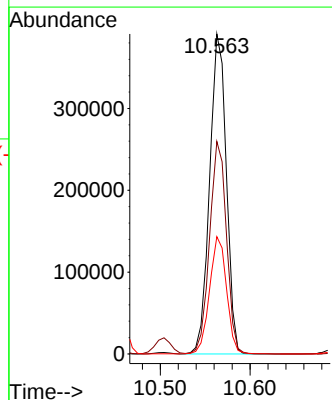
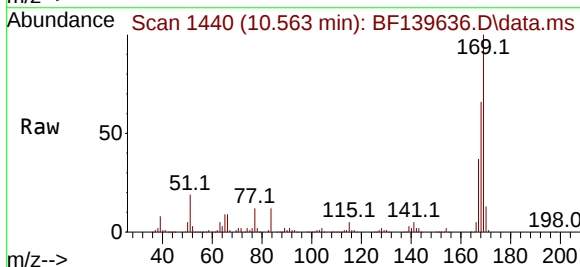
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 48.245 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

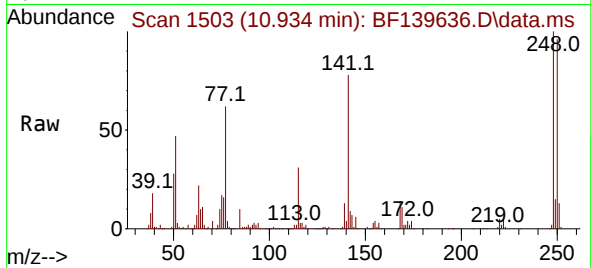
Tgt Ion:169 Resp: 505373
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.6 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.796 ng
RT: 10.934 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

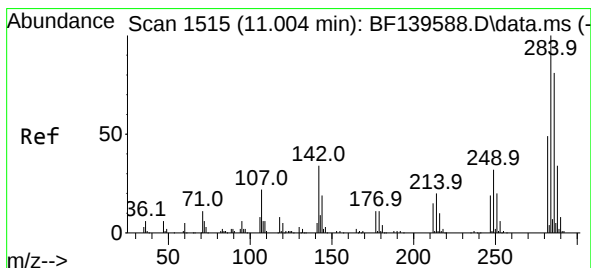
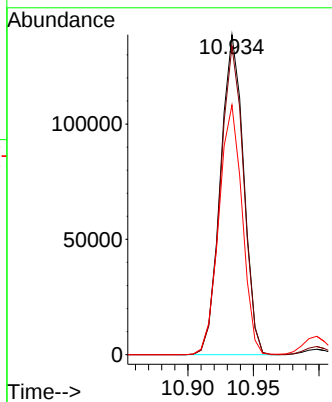
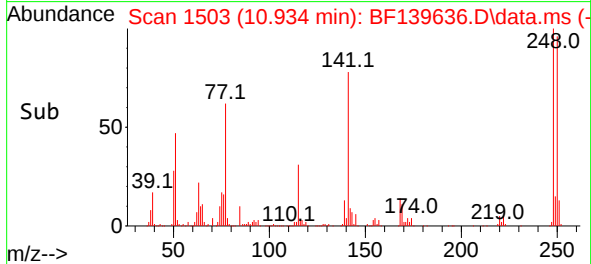
Instrument :
BNA_F
ClientSampleId :
TP-TMS



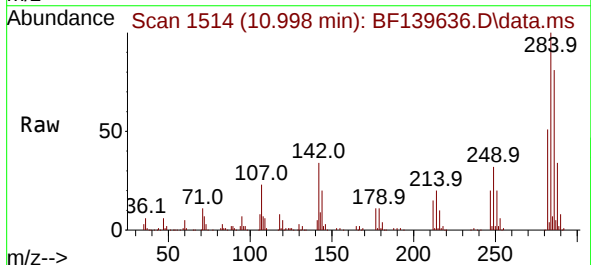
Tgt Ion:248 Resp: 170509
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 78.0 60.4 90.6

Manual Integrations
APPROVED

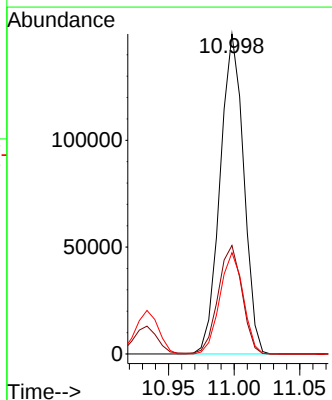
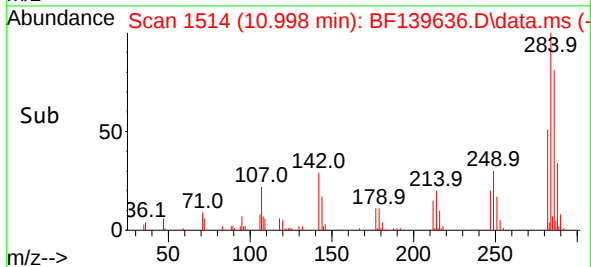
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 46.256 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



Tgt Ion:284 Resp: 187023
Ion Ratio Lower Upper
284 100
142 33.9 26.9 40.3
249 31.7 25.4 38.0





#69

Atrazine

Concen: 50.921 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:200 Resp: 143114

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

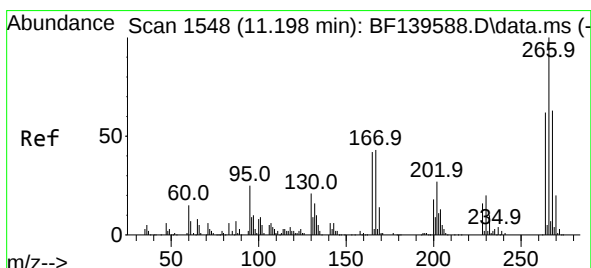
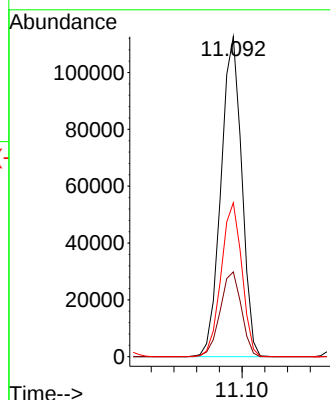
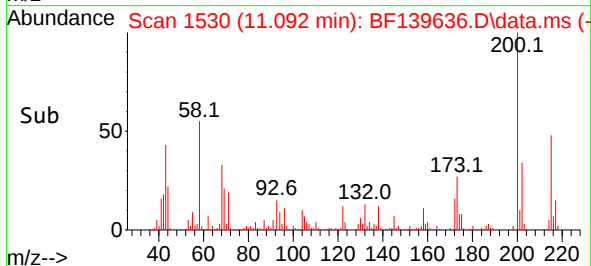
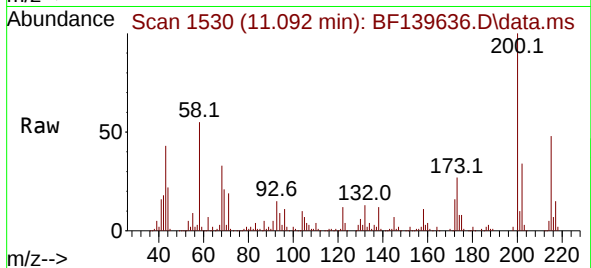
215 48.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 102.855 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

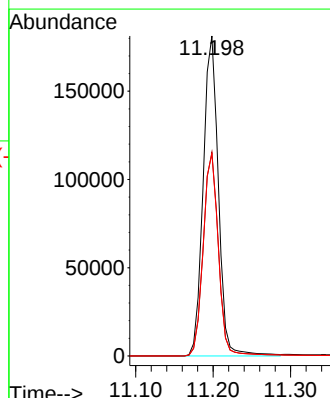
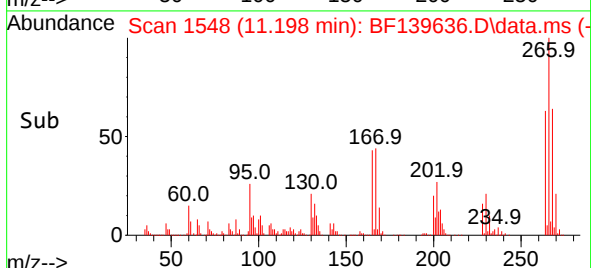
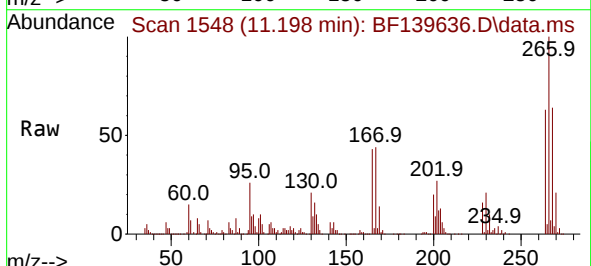
Tgt Ion:266 Resp: 247626

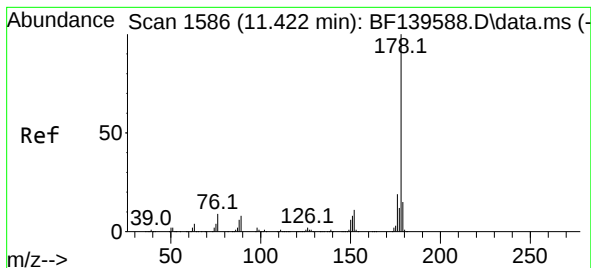
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 49.628 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:178 Resp: 831580

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

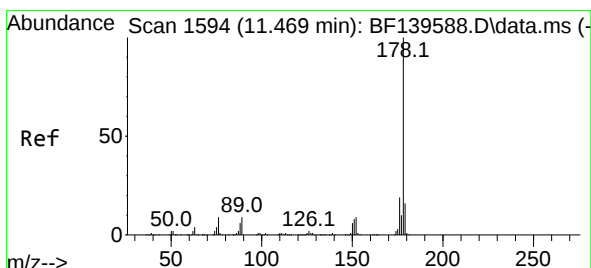
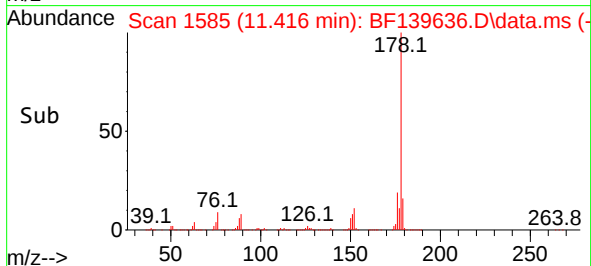
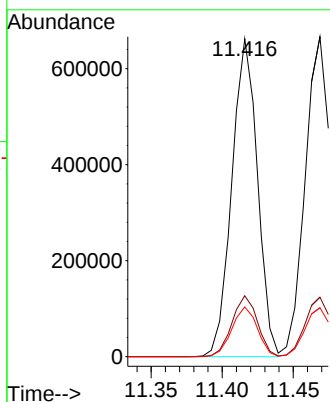
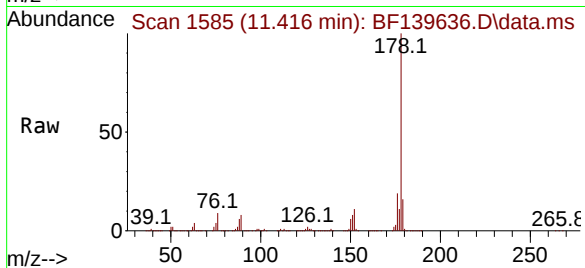
179 15.7 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#72

Anthracene

Concen: 50.764 ng

RT: 11.469 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

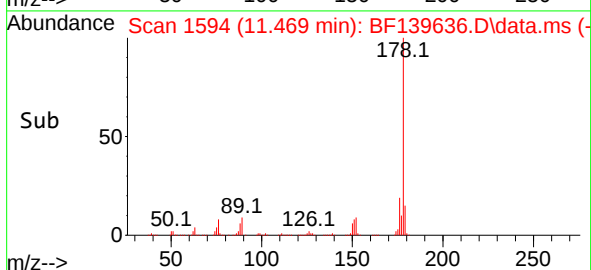
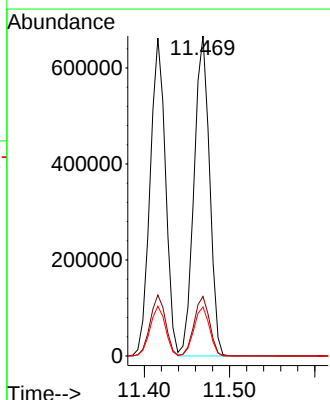
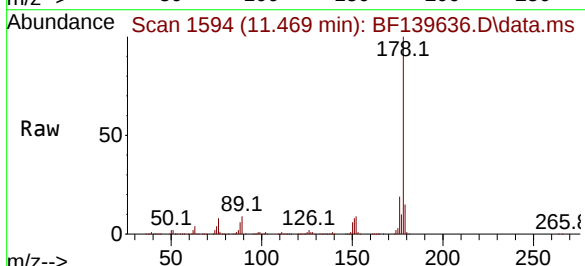
Tgt Ion:178 Resp: 841521

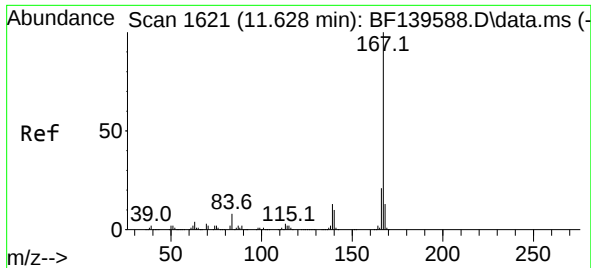
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

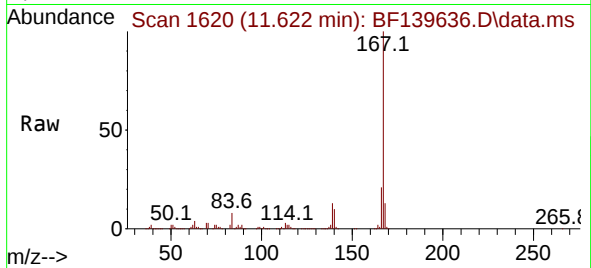
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 47.713 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

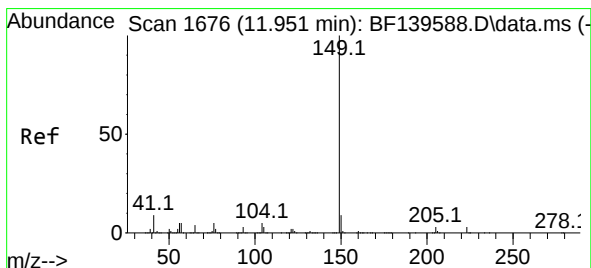
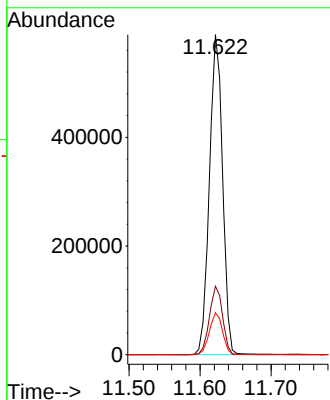
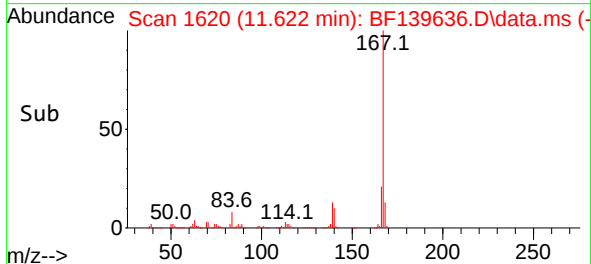
Instrument :
 BNA_F
 ClientSampleId :
 TP-TMS



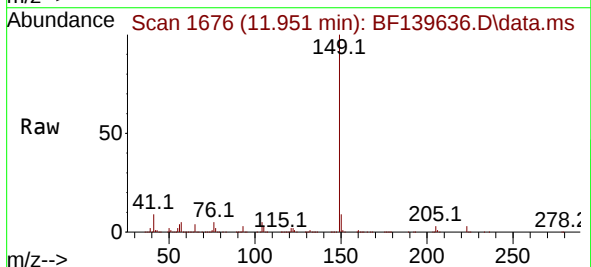
Tgt Ion:167 Resp: 759654
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.3 15.5

Manual Integrations
 APPROVED

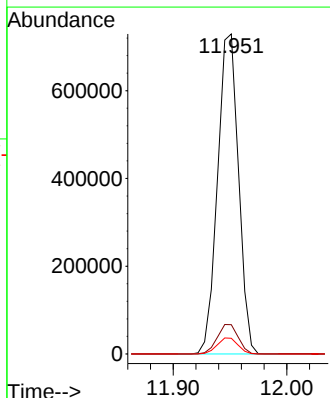
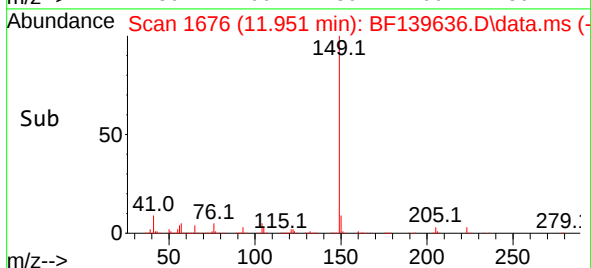
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

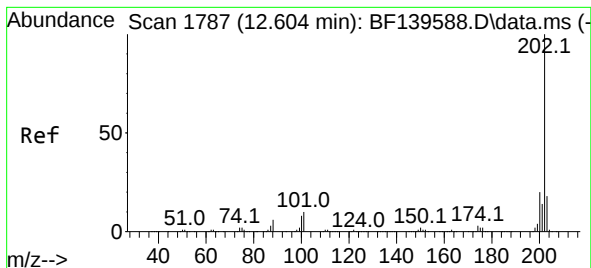


#74
 Di-n-butylphthalate
 Concen: 48.314 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29



Tgt Ion:149 Resp: 935403
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.628 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:202 Resp: 85408

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

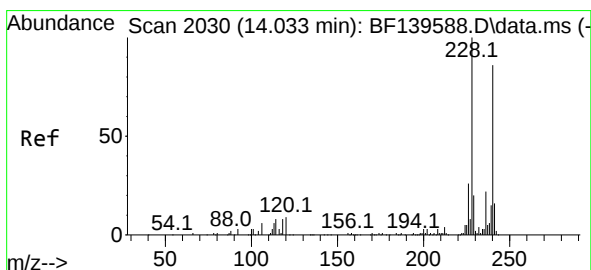
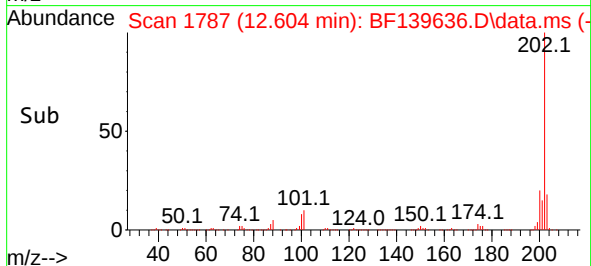
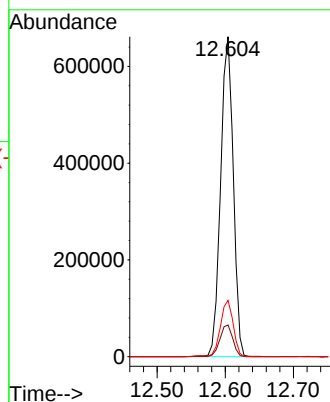
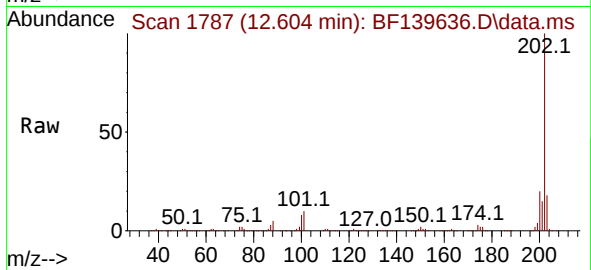
203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

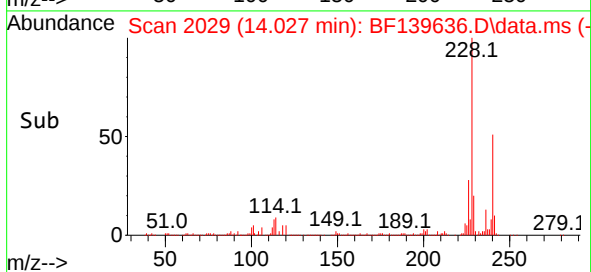
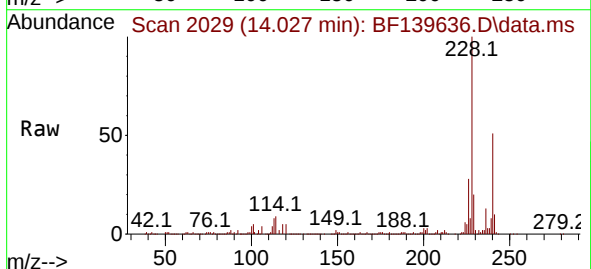
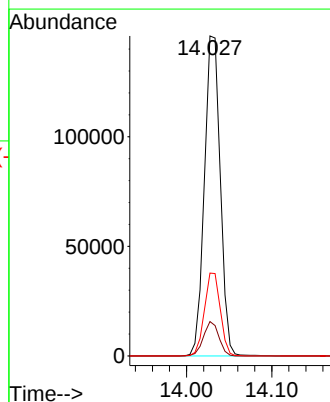
Tgt Ion:240 Resp: 189160

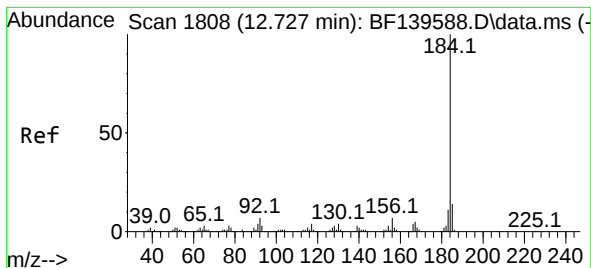
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.9 20.3 30.5





#77

Benzidine

Concen: 27.257 ng

RT: 12.722 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

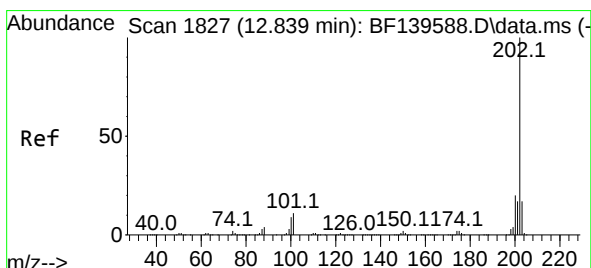
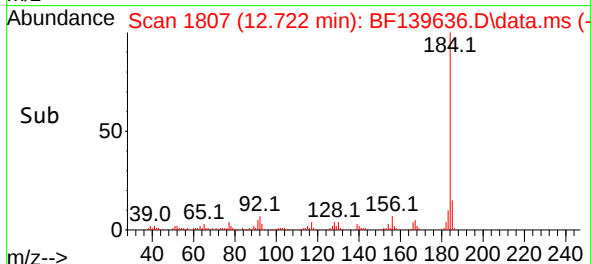
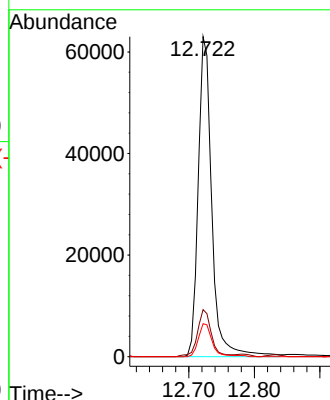
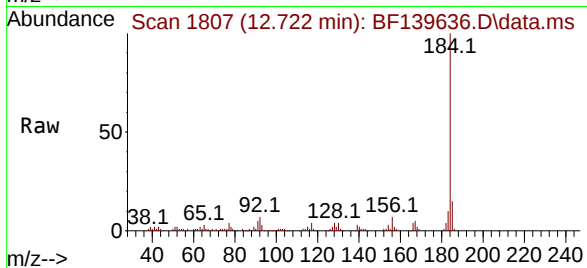
TP-TMS

Tgt Ion:184	Resp:	9094
Ion Ratio	Lower	Upper
184	100	
185	14.7	11.4 17.0
183	10.3	8.8 13.2

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 51.236 ng

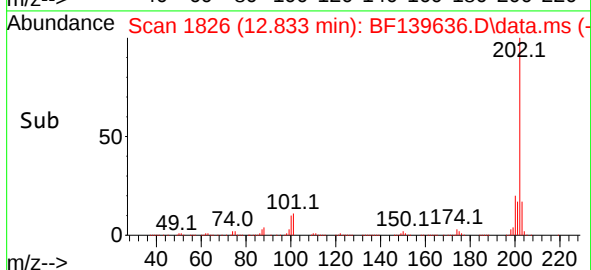
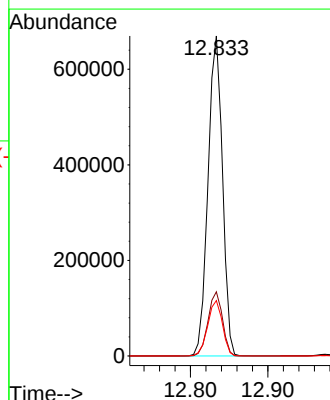
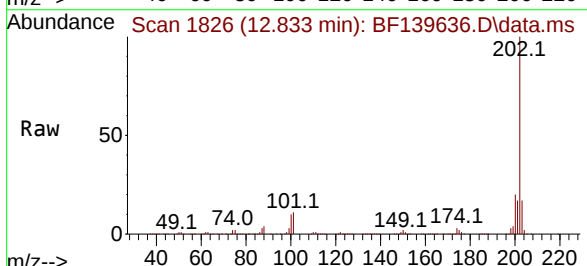
RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:202	Resp:	866834
Ion Ratio	Lower	Upper
202	100	
200	20.1	15.8 23.6
203	17.3	13.8 20.8





#79

Terphenyl-d14

Concen: 101.929 ng

RT: 12.975 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:244 Resp: 1175074

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

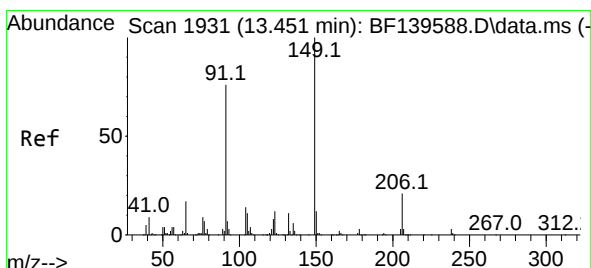
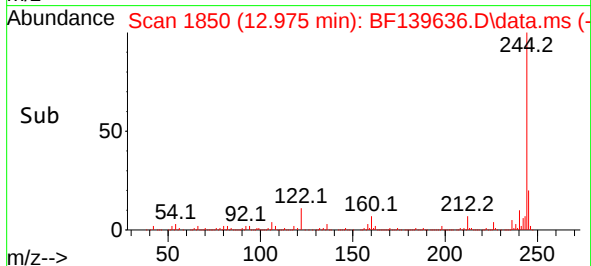
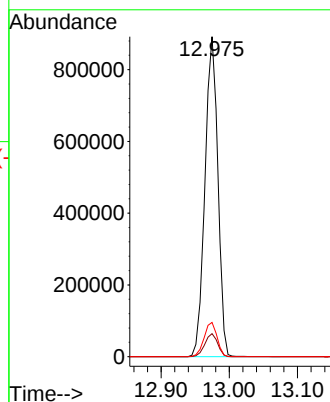
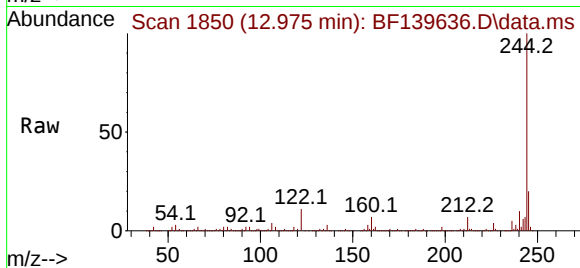
122 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#80

Butylbenzylphthalate

Concen: 54.157 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

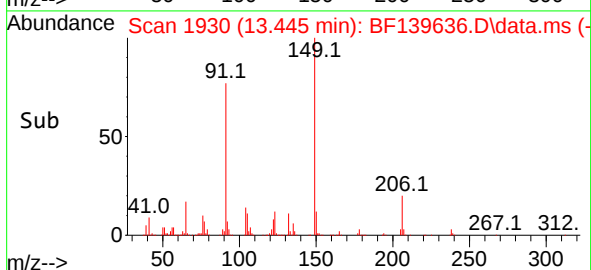
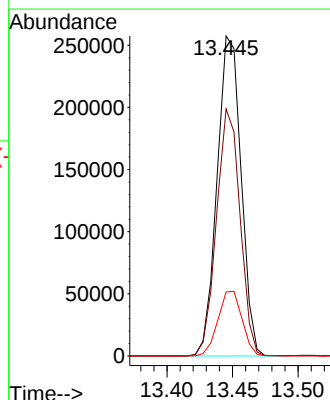
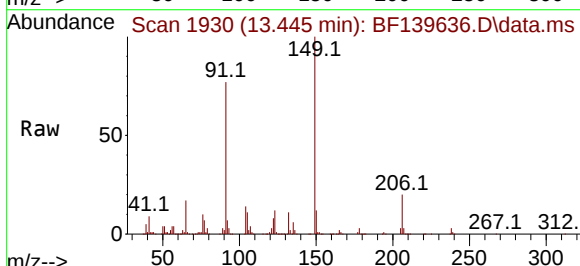
Tgt Ion:149 Resp: 327735

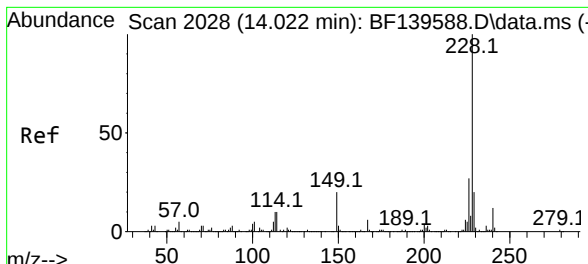
Ion Ratio Lower Upper

149 100

91 77.2 61.0 91.4

206 20.0 16.6 24.8





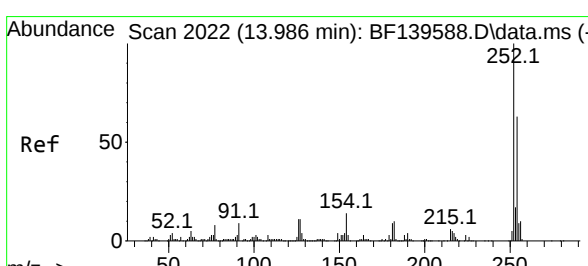
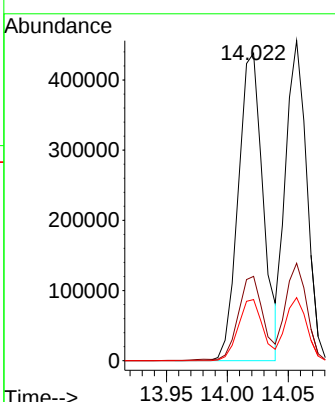
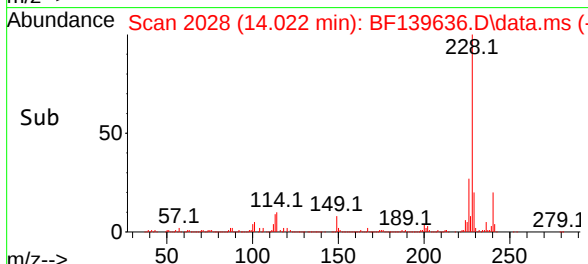
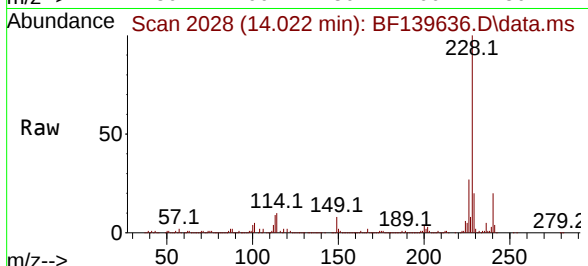
#81
 Benzo(a)anthracene
 Concen: 50.147 ng
 RT: 14.022 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

Instrument : BNA_F
 ClientSampleId : TP-TMS

Tgt Ion:228 Resp: 623660

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.9	15.8	23.8

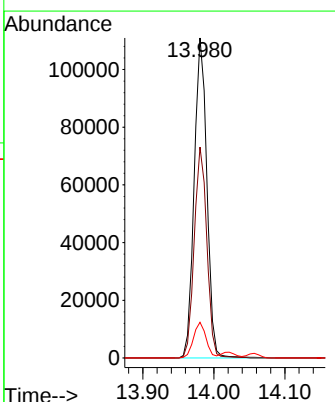
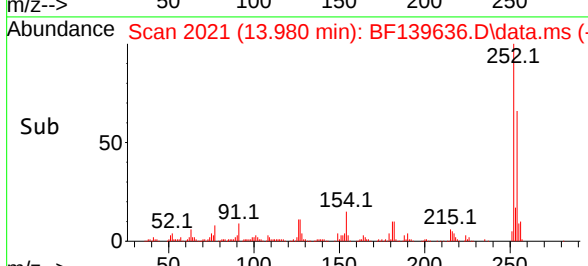
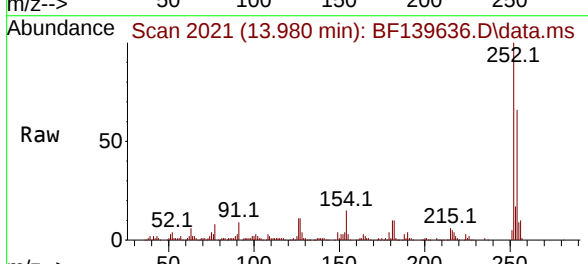
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 Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

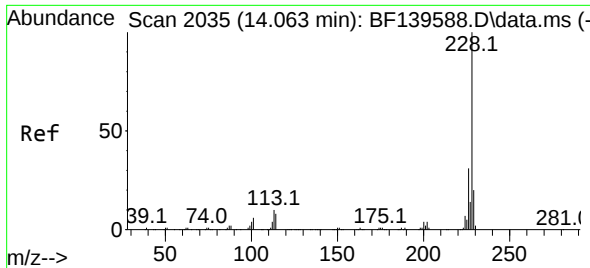


#82
 3,3'-Dichlorobenzidine
 Concen: 36.428 ng
 RT: 13.980 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF139636.D
 Acq: 03 Oct 2024 17:29

Tgt Ion:252 Resp: 138650

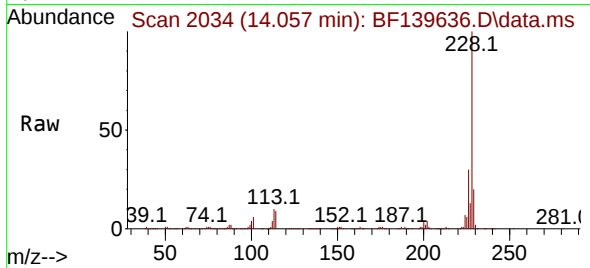
Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.5	75.7
126	11.1	8.8	13.2





#83
Chrysene
Concen: 48.487 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

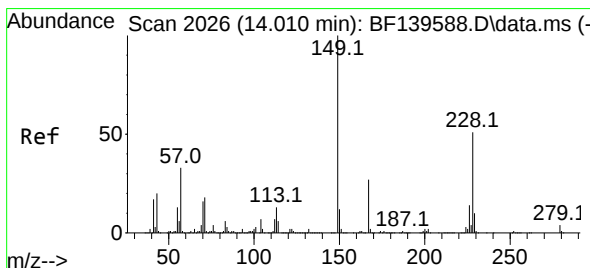
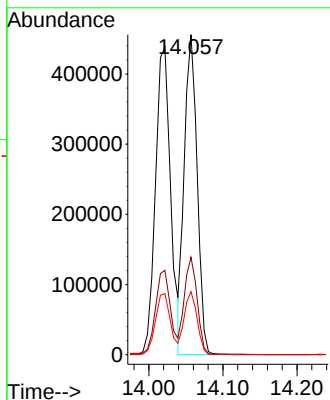
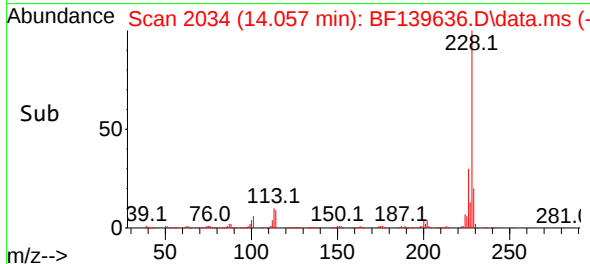
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:228 Resp: 551308
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 19.7 15.7 23.5

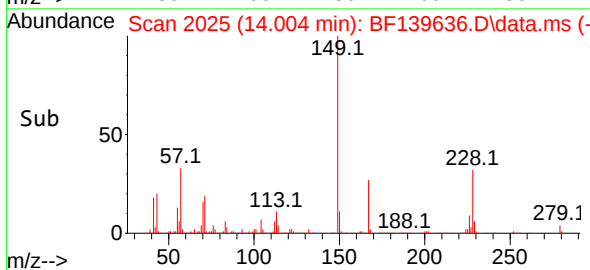
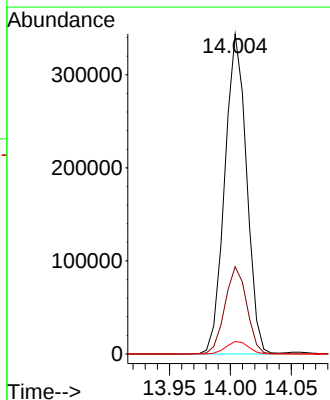
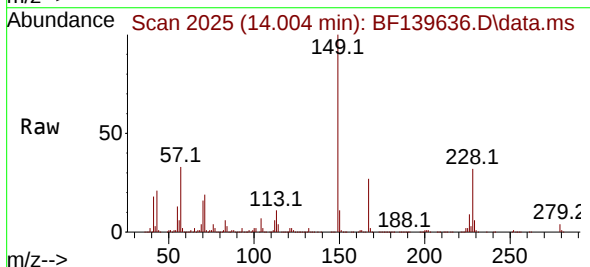
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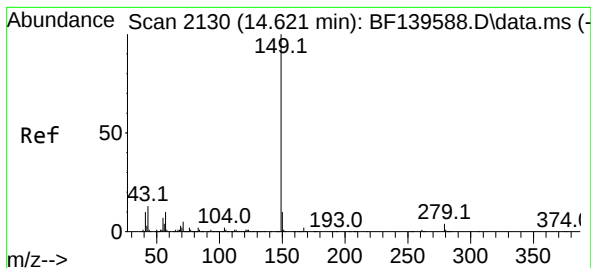
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.708 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:149 Resp: 428519
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.661 ng

RT: 14.616 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:149 Resp: 617910

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

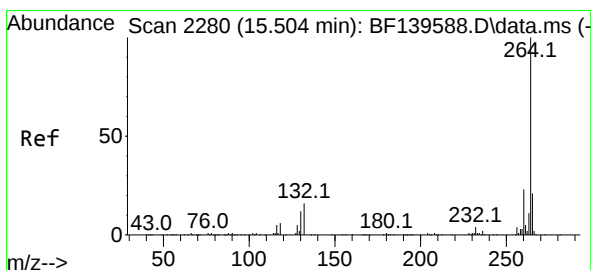
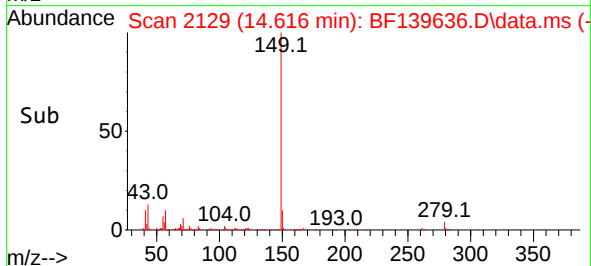
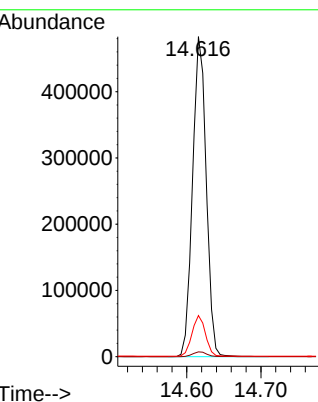
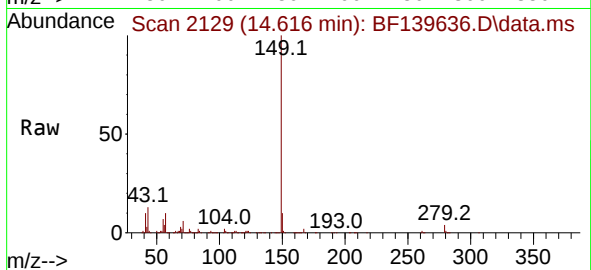
43 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

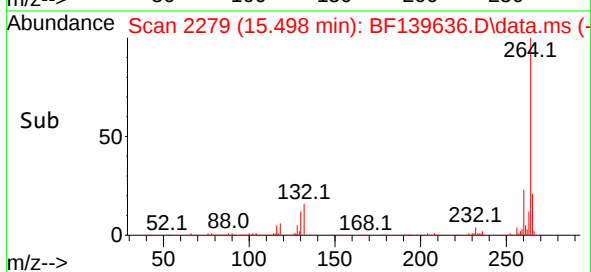
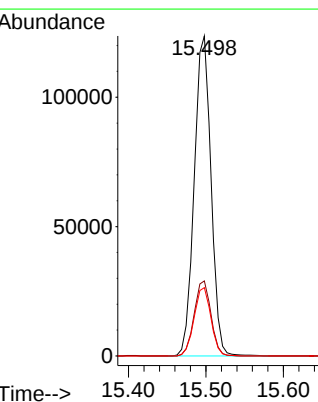
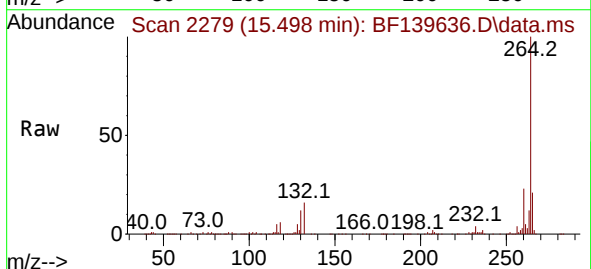
Tgt Ion:264 Resp: 185966

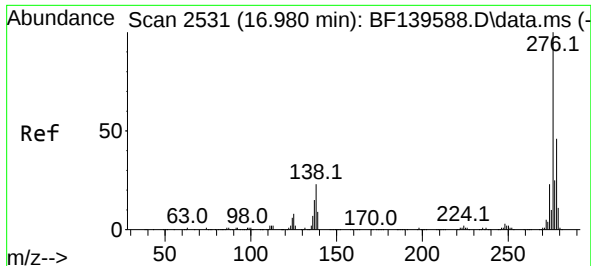
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

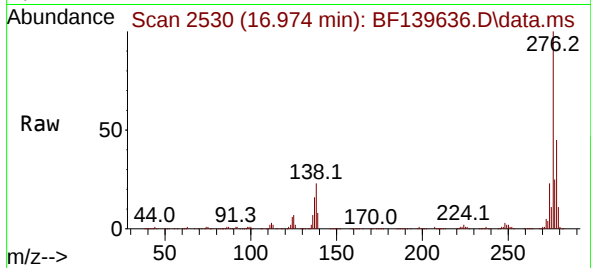
265 21.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.382 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

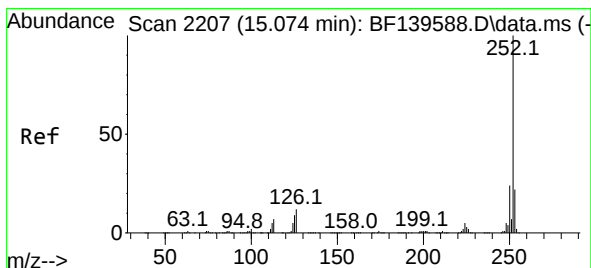
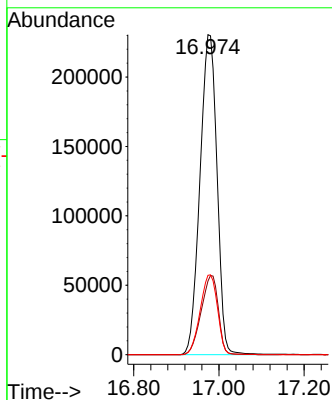
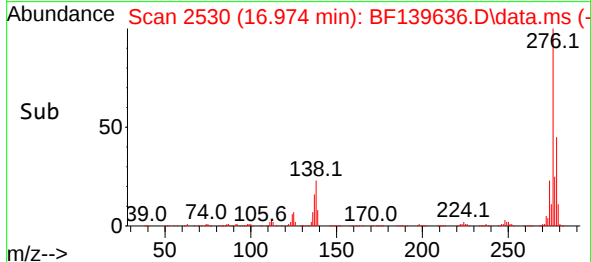
Instrument :
BNA_F
ClientSampleId :
TP-TMS



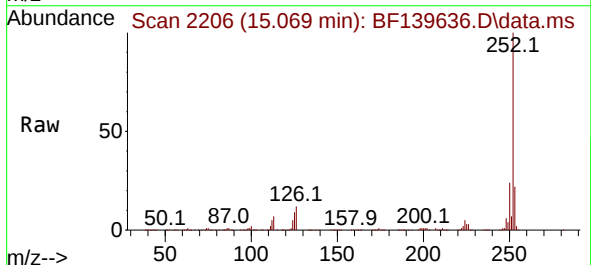
Tgt Ion:276 Resp: 63902
Ion Ratio Lower Upper
276 100
138 24.8 19.4 29.0
277 25.3 20.2 30.2

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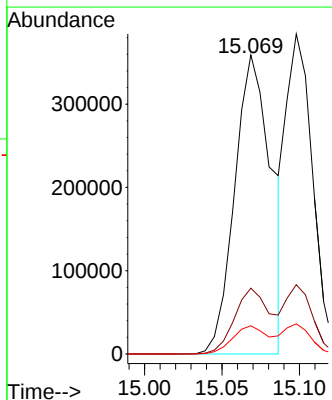
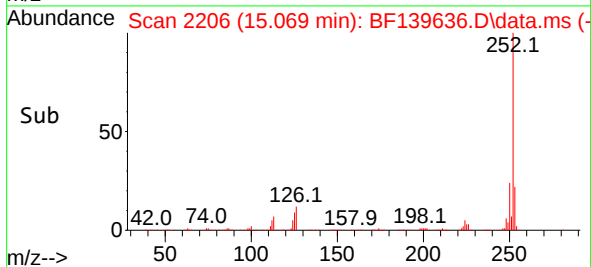
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

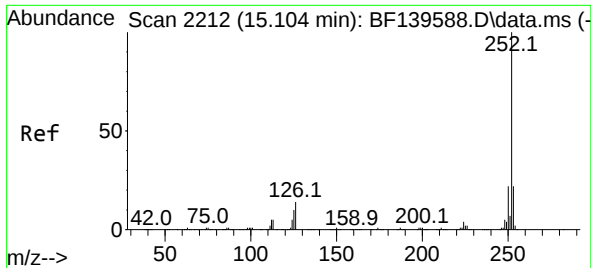


#88
Benzo(b)fluoranthene
Concen: 49.106 ng
RT: 15.069 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29



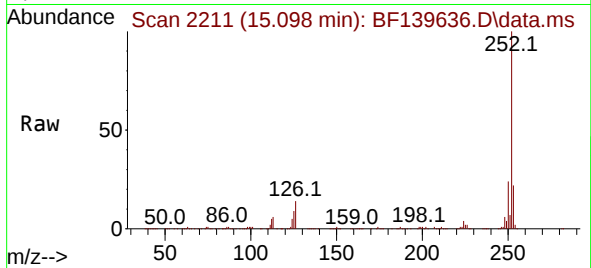
Tgt Ion:252 Resp: 590465
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.4 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 44.932 ng
RT: 15.098 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

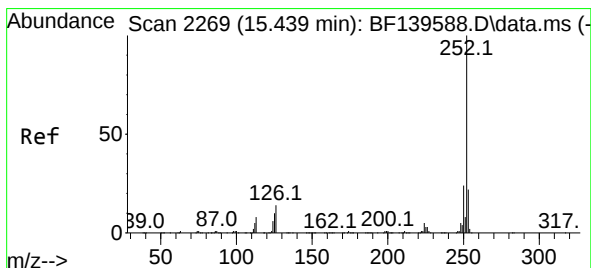
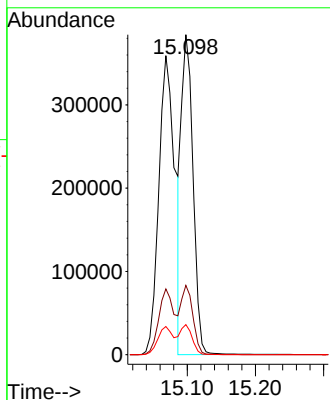
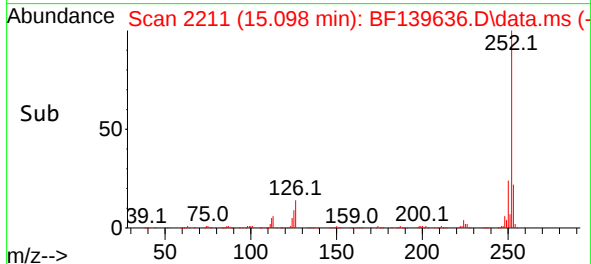
Instrument :
BNA_F
ClientSampleId :
TP-TMS



Tgt Ion:252 Resp: 45830
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 7.6 11.4

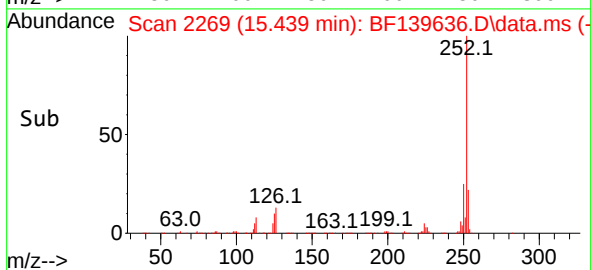
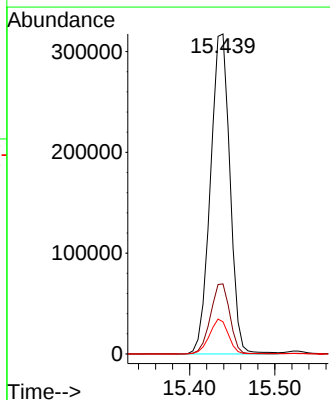
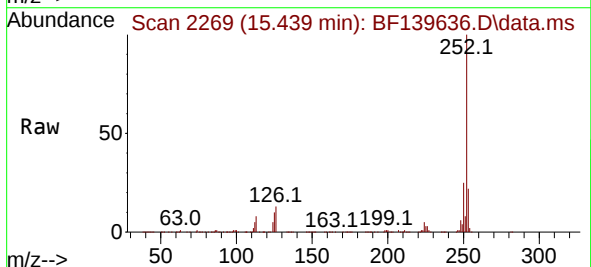
Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 53.296 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF139636.D
Acq: 03 Oct 2024 17:29

Tgt Ion:252 Resp: 505301
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 58.450 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

TP-TMS

Tgt Ion:278 Resp: 53063

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

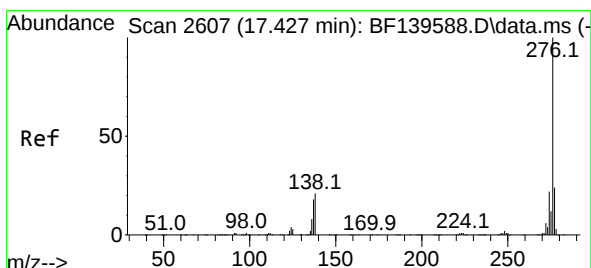
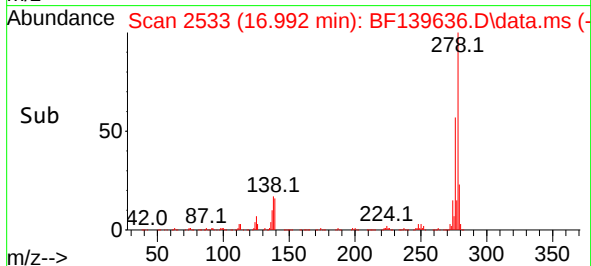
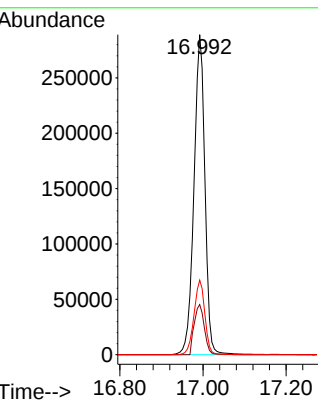
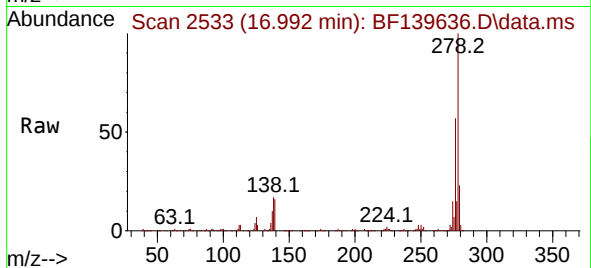
279 23.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#92

Benzo(g,h,i)perylene

Concen: 53.944 ng

RT: 17.421 min Scan# 2606

Delta R.T. -0.006 min

Lab File: BF139636.D

Acq: 03 Oct 2024 17:29

Tgt Ion:276 Resp: 491143

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.6

138 21.6 17.0 25.6

