

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139671.D
 Acq On : 04 Oct 2024 21:41
 Operator : RC/JU
 Sample : P4236-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 22:56:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87628	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	314605	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	153935	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	240992	20.000	ng	0.00
76) Chrysene-d12	14.027	240	170279	20.000	ng	0.00
86) Perylene-d12	15.498	264	132793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	452274	89.458	ng	0.01
7) Phenol-d6	6.504	99	583687	85.851	ng	0.00
23) Nitrobenzene-d5	7.428	82	382319	61.528	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	114665	77.164	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	665103	66.330	ng	0.00
79) Terphenyl-d14	12.968	244	575440	55.450	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	105757	48.384	ng	98
3) Pyridine	3.475	79	250867	47.191	ng	98
4) n-Nitrosodimethylamine	3.440	42	174470	50.140	ng	100
6) Aniline	6.528	93	184334	30.554	ng	# 68
8) 2-Chlorophenol	6.651	128	266541	49.208	ng	99
9) Benzaldehyde	6.416	77	99821	27.716	ng	99
10) Phenol	6.516	94	337340	47.187	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	276342	47.475	ng	99
12) 1,3-Dichlorobenzene	6.804	146	285975	46.931	ng	98
13) 1,4-Dichlorobenzene	6.886	146	293706	47.591	ng	99
14) 1,2-Dichlorobenzene	7.034	146	274482	47.455	ng	100
15) Benzyl Alcohol	7.010	79	242943	46.767	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	488215	48.449	ng	91
17) 2-Methylphenol	7.128	107	210008	46.442	ng	96
18) Hexachloroethane	7.375	117	102744	44.634	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	201733	46.152	ng	99
20) 3+4-Methylphenols	7.275	107	267654	47.124	ng	92
22) Acetophenone	7.275	105	368641	49.364	ng	96
24) Nitrobenzene	7.451	77	303902	47.231	ng	99
25) Isophorone	7.686	82	531410	48.151	ng	99
26) 2-Nitrophenol	7.763	139	137098	49.563	ng	98
27) 2,4-Dimethylphenol	7.804	122	197952	58.457	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	320062	48.566	ng	99
29) 2,4-Dichlorophenol	8.010	162	211135	47.802	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	232331	46.512	ng	100
31) Naphthalene	8.169	128	759638	47.225	ng	100
32) Benzoic acid	7.928	122	136915	40.662	ng	100
33) 4-Chloroaniline	8.233	127	42009	7.715	ng	99
34) Hexachlorobutadiene	8.286	225	150528	46.567	ng	99
35) Caprolactam	8.586	113	65852m	45.456	ng	
36) 4-Chloro-3-methylphenol	8.710	107	219904	43.982	ng	99
37) 2-Methylnaphthalene	8.863	142	476704	45.503	ng	99
38) 1-Methylnaphthalene	8.963	142	443189	43.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	220578	51.602	ng	99
41) Hexachlorocyclopentadiene	9.010	237	113452	86.559	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	144398	50.110	ng	99

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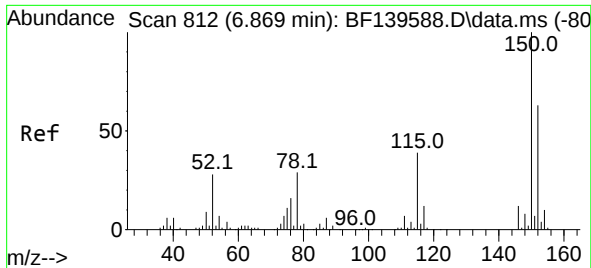
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	148379	47.748	ng	98
46) 1,1'-Biphenyl	9.322	154	576676	50.368	ng	99
47) 2-Chloronaphthalene	9.351	162	417674	48.662	ng	99
48) 2-Nitroaniline	9.445	65	151910	49.304	ng	99
49) Acenaphthylene	9.763	152	663569	50.836	ng	100
50) Dimethylphthalate	9.622	163	517130	51.319	ng	100
51) 2,6-Dinitrotoluene	9.686	165	105198	46.215	ng	97
52) Acenaphthene	9.933	154	428383	47.806	ng	99
53) 3-Nitroaniline	9.857	138	69296	29.790	ng	98
54) 2,4-Dinitrophenol	9.969	184	53358	43.581	ng	96
55) Dibenzofuran	10.110	168	592730	47.243	ng	99
56) 4-Nitrophenol	10.027	139	147034	82.887	ng	97
57) 2,4-Dinitrotoluene	10.092	165	132982	44.694	ng	98
58) Fluorene	10.451	166	446459	44.677	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	112690	44.898	ng	98
60) Diethylphthalate	10.322	149	493369	47.402	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	225867	45.179	ng	96
62) 4-Nitroaniline	10.469	138	85812	36.065	ng	99
63) Azobenzene	10.604	77	475391	45.418	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	36458	26.786	ng	99
66) n-Nitrosodiphenylamine	10.563	169	388788	54.731	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	126213	51.080	ng	99
68) Hexachlorobenzene	10.998	284	132762	48.421	ng	98
69) Atrazine	11.086	200	117485	61.643	ng	99
70) Pentachlorophenol	11.192	266	143874	88.125	ng	99
71) Phenanthrene	11.416	178	573539	50.474	ng	99
72) Anthracene	11.463	178	582533	51.820	ng	99
73) Carbazole	11.621	167	532906	49.358	ng	99
74) Di-n-butylphthalate	11.945	149	684390	52.127	ng	99
75) Fluoranthene	12.604	202	617022	49.674	ng	99
77) Benzidine	12.727	184	270277	89.987	ng	99
78) Pyrene	12.833	202	634974	41.693	ng	100
80) Butylbenzylphthalate	13.445	149	268030	49.202	ng	99
81) Benzo(a)anthracene	14.021	228	560968	50.108	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	174575	50.953	ng	98
83) Chrysene	14.057	228	493877	48.253	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	376710	55.380	ng	99
85) Di-n-octyl phthalate	14.615	149	628804	62.922	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	352970	45.160	ng	100
88) Benzo(b)fluoranthene	15.068	252	407946	47.512	ng	100
89) Benzo(k)fluoranthene	15.098	252	396692	54.465	ng	99
90) Benzo(a)pyrene	15.433	252	355136	52.456	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	291022	44.893	ng	99
92) Benzo(g,h,i)perylene	17.409	276	259474	39.910	ng	100

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



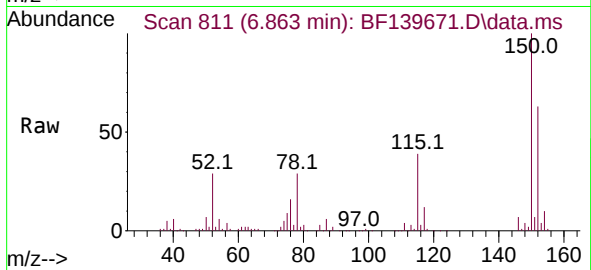
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

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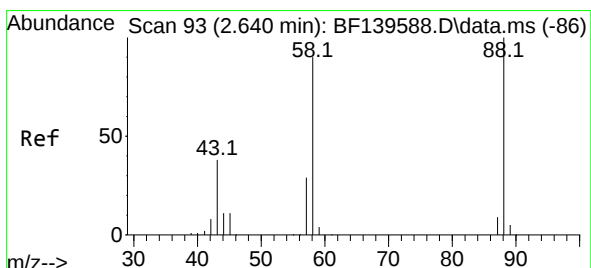
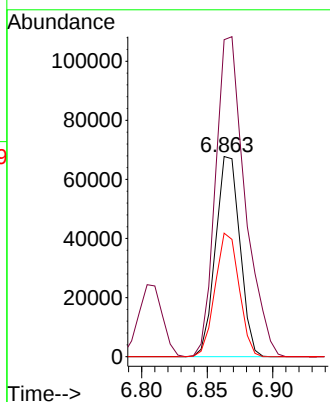
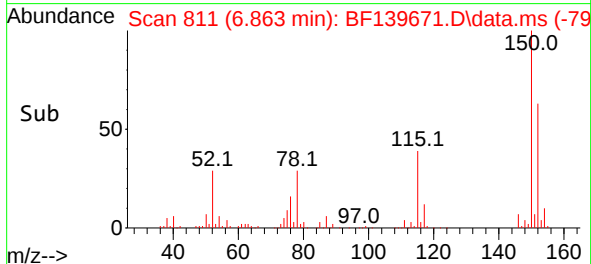


Tgt Ion:152 Resp: 87628
Ion Ratio Lower Upper
152 100
150 158.3 127.2 190.8
115 61.7 49.0 73.4

Manual Integrations

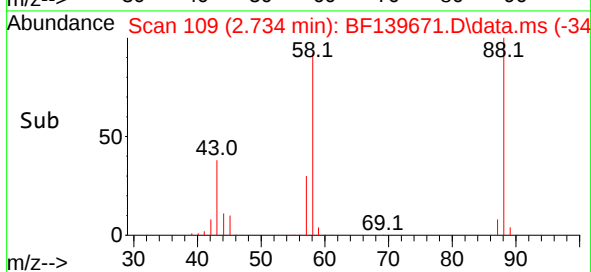
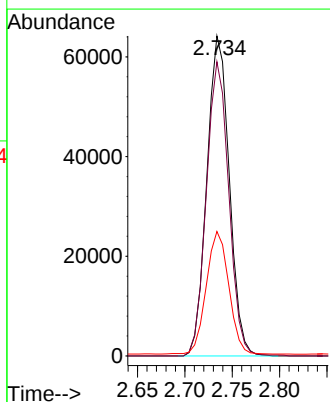
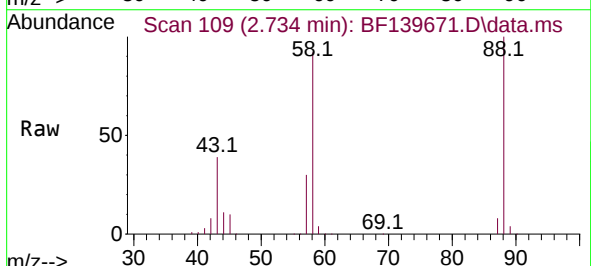
APPROVED

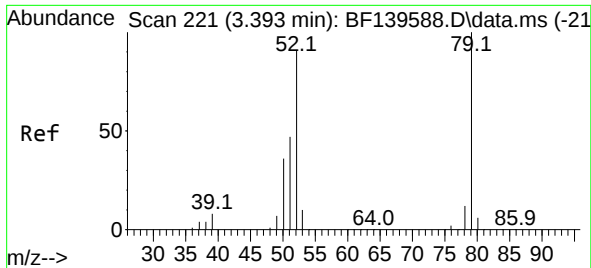
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#2
1,4-Dioxane
Concen: 48.384 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion: 88 Resp: 105757
Ion Ratio Lower Upper
88 100
58 92.0 72.0 108.0
43 38.4 30.8 46.2





#3

Pyridine

Concen: 47.191 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion: 79 Resp: 25086

Ion Ratio Lower Upper

79 100

52 89.5 72.6 109.0

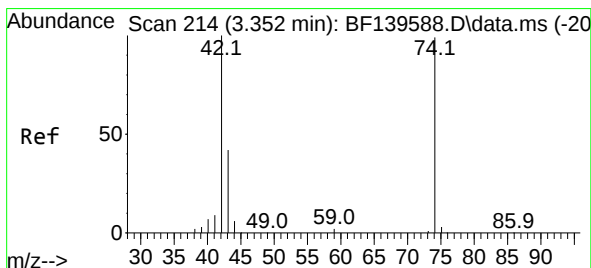
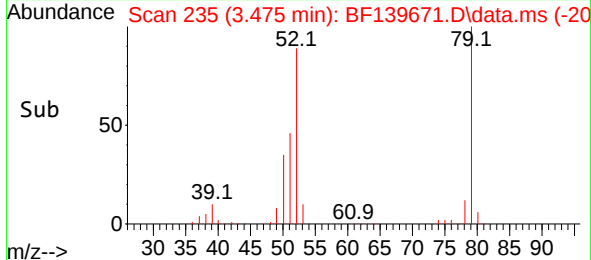
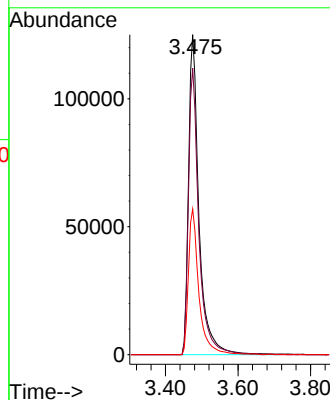
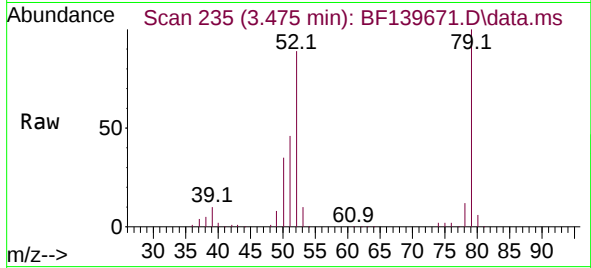
51 45.6 37.5 56.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#4

n-Nitrosodimethylamine

Concen: 50.140 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

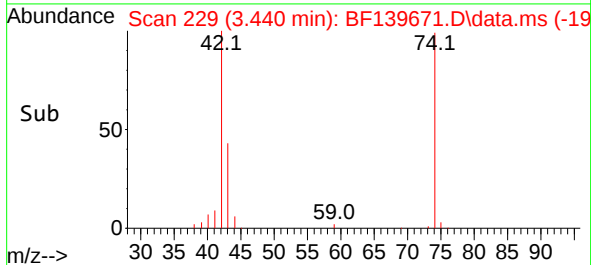
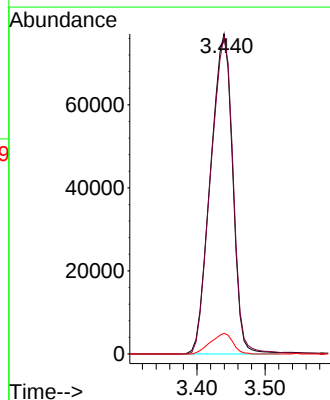
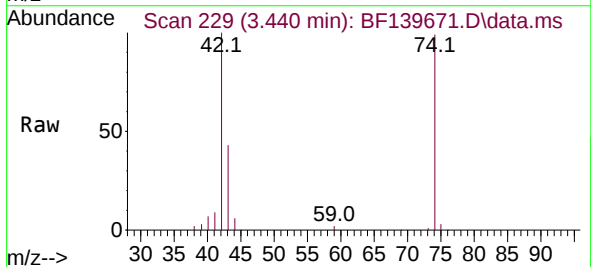
Tgt Ion: 42 Resp: 174470

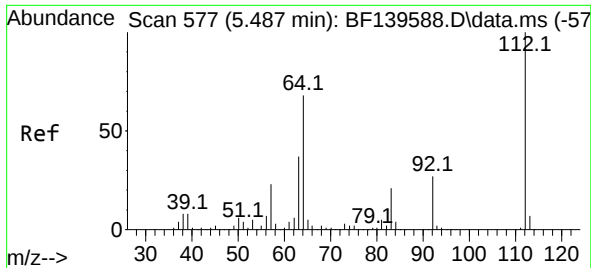
Ion Ratio Lower Upper

42 100

74 99.3 79.0 118.6

44 6.4 5.2 7.8





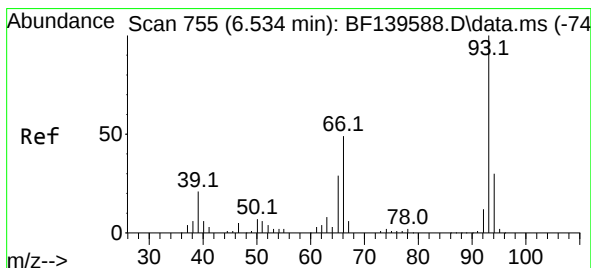
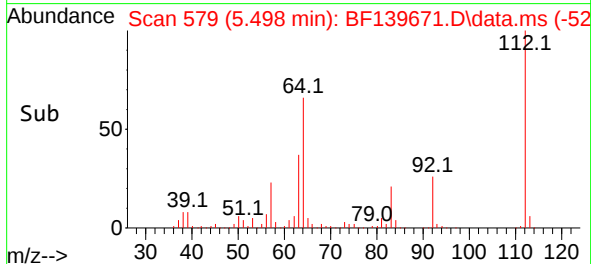
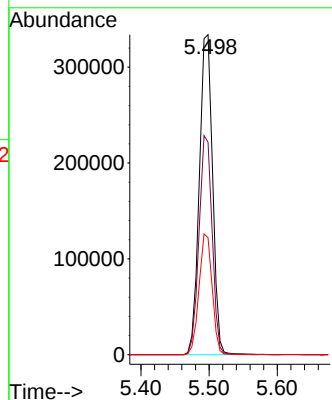
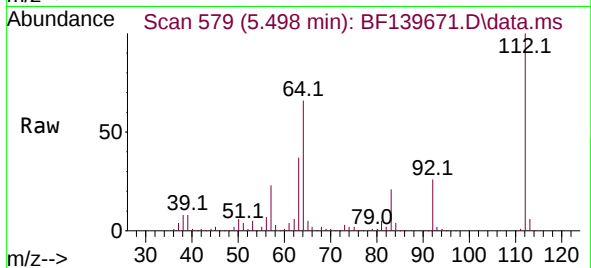
#5
2-Fluorophenol
Concen: 89.458 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

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ClientSampleId :
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Tgt Ion:112 Resp: 452274
Ion Ratio Lower Upper
112 100
64 66.4 54.2 81.4
63 36.6 29.4 44.2

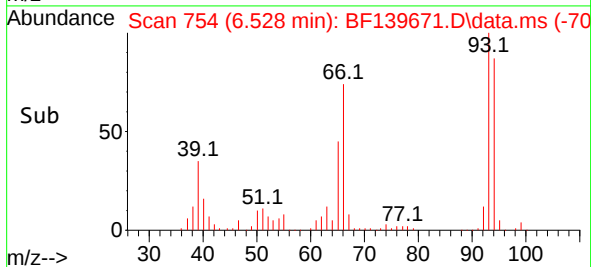
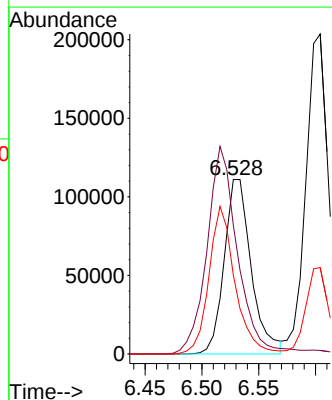
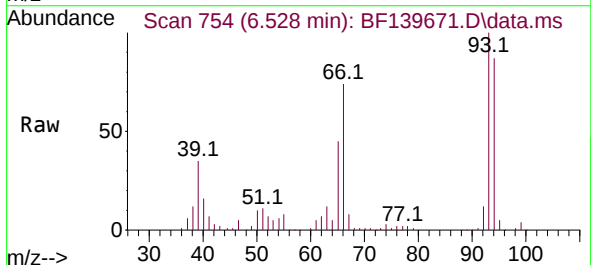
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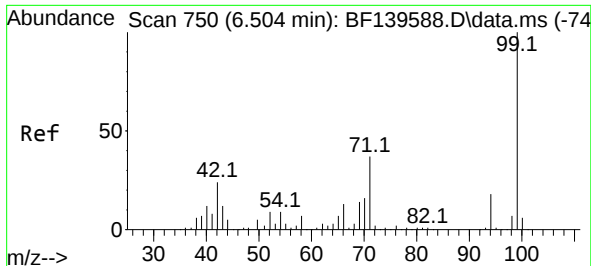
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#6
Aniline
Concen: 30.554 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

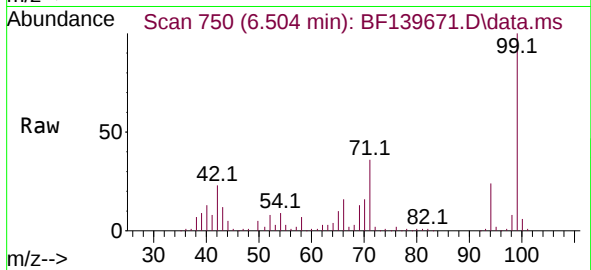
Tgt Ion: 93 Resp: 184334
Ion Ratio Lower Upper
93 100
66 73.8 40.9 61.3#
65 45.3 23.3 34.9#





#7
Phenol-d6
Concen: 85.851 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

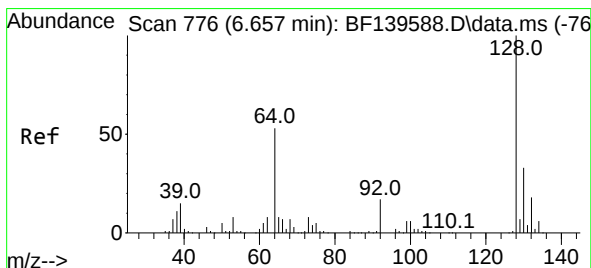
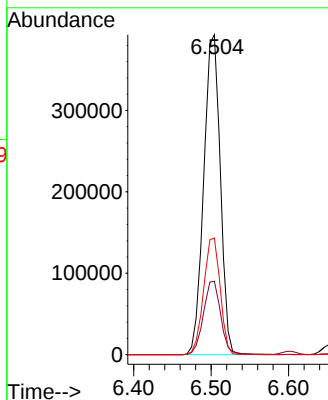
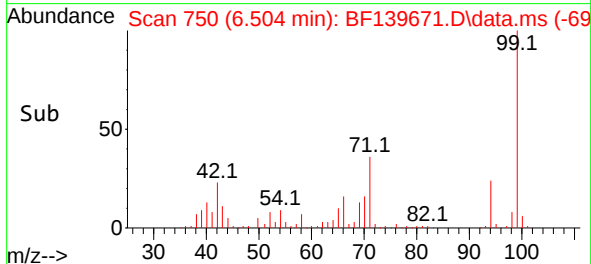
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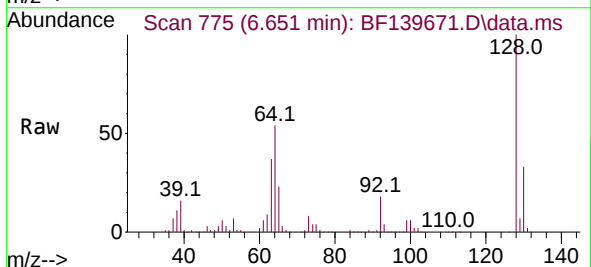
Tgt Ion: 99 Resp: 58368
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.5 29.7 44.5

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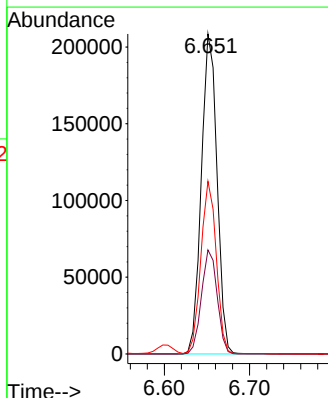
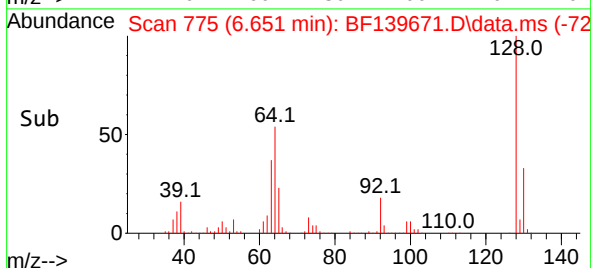
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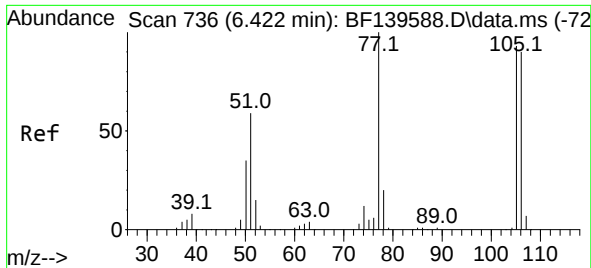


#8
2-Chlorophenol
Concen: 49.208 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:128 Resp: 266541
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 54.0 35.1 75.1





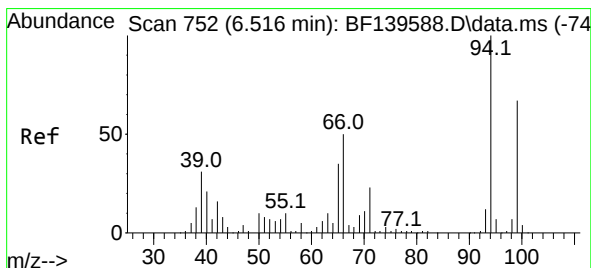
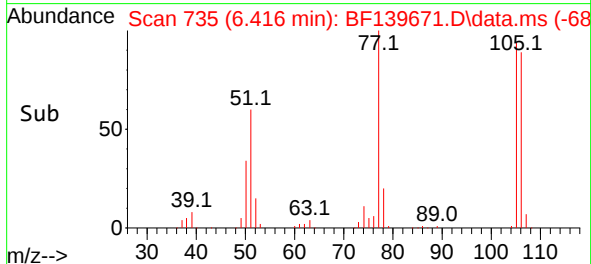
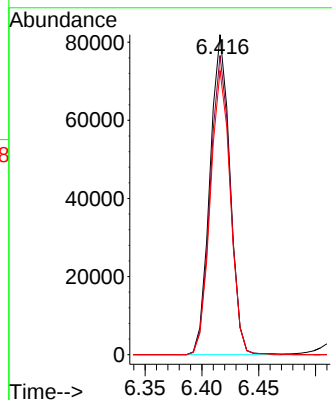
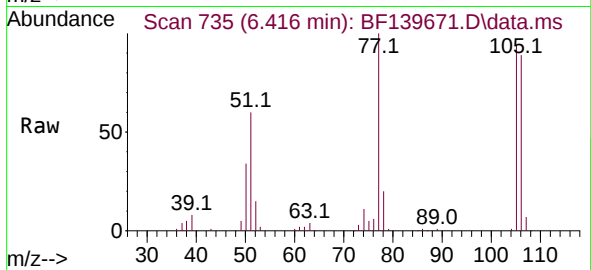
#9
Benzaldehyde
Concen: 27.716 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion: 77 Resp: 9982
Ion Ratio Lower Upper
77 100
105 93.5 72.7 112.7
106 88.7 70.1 110.1

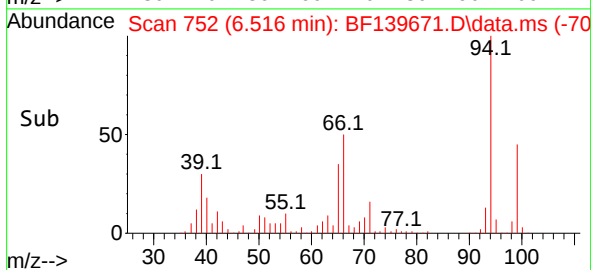
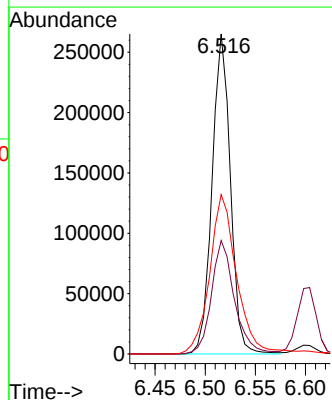
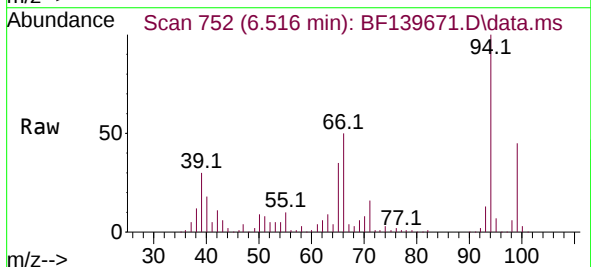
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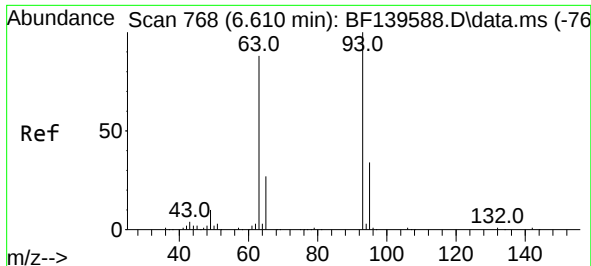
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#10
Phenol
Concen: 47.187 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion: 94 Resp: 337340
Ion Ratio Lower Upper
94 100
65 35.4 15.3 55.3
66 49.8 30.5 70.5





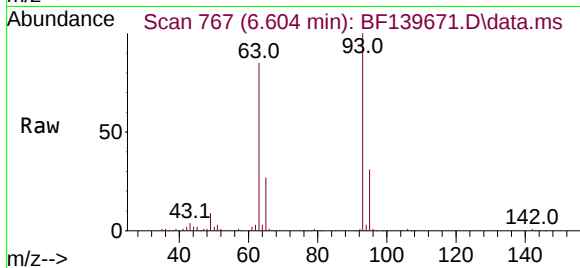
#11
bis(2-Chloroethyl)ether
Concen: 47.475 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS



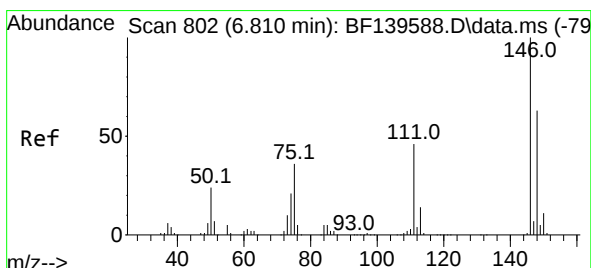
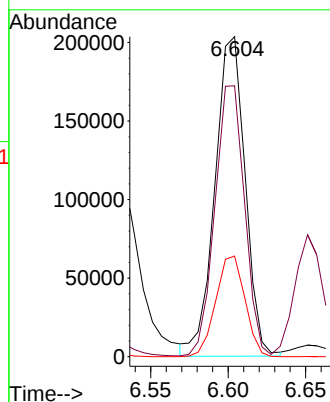
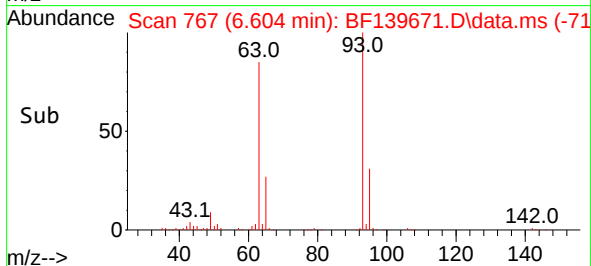
Tgt Ion: 93 Resp: 27634
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 31.4 12.3 52.3

Manual Integrations

APPROVED

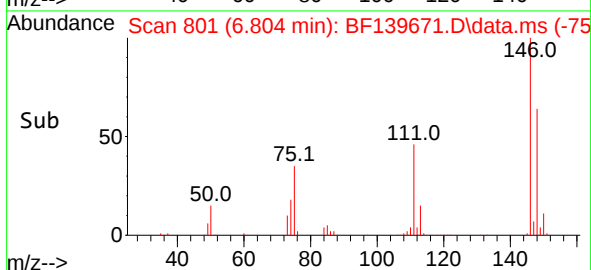
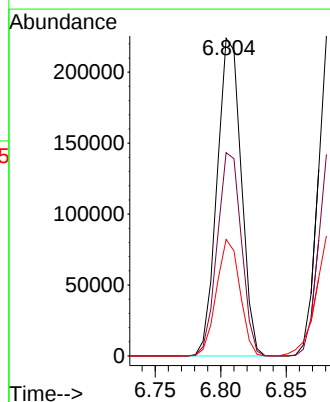
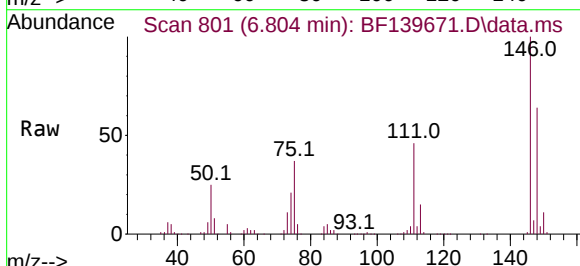
Reviewed By :Yogesh Patel 10/07/2024

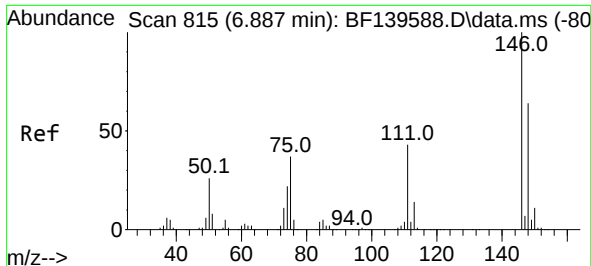
Supervised By :mohammad ahmed 10/07/2024



#12
1,3-Dichlorobenzene
Concen: 46.931 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion:146 Resp: 285975
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 36.7 28.5 42.7





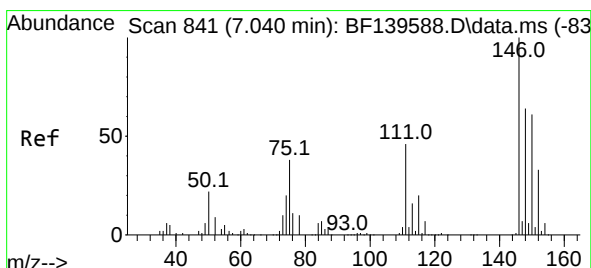
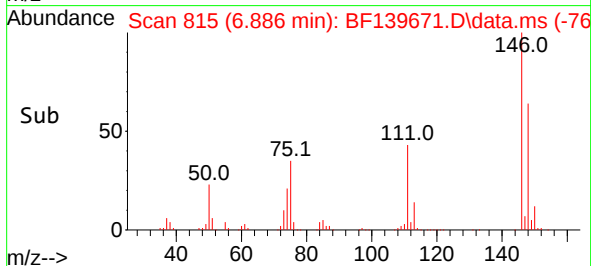
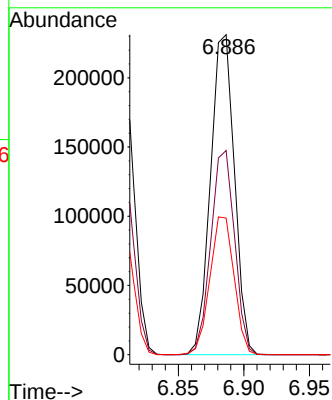
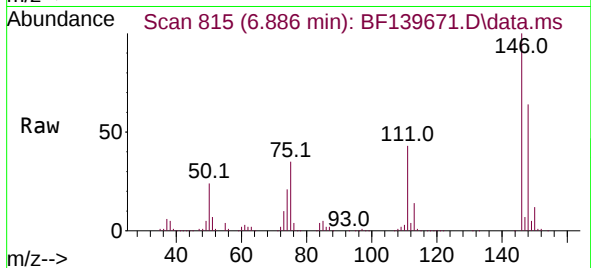
#13
1,4-Dichlorobenzene
Concen: 47.591 ng
RT: 6.886 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:146 Resp: 293700
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 42.7 34.9 52.3

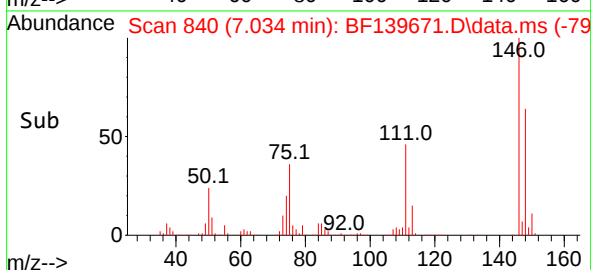
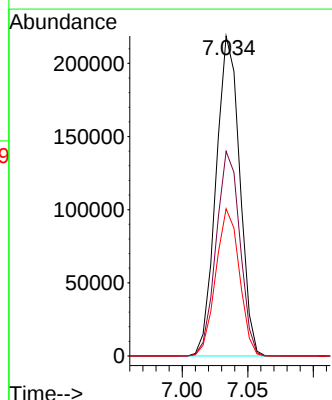
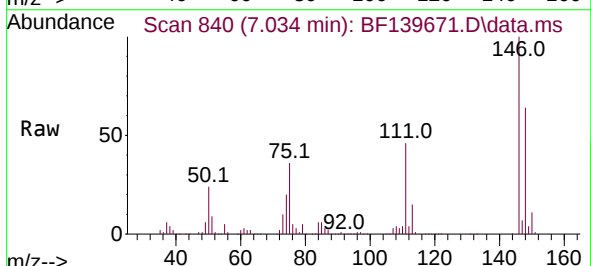
Manual Integrations
APPROVED

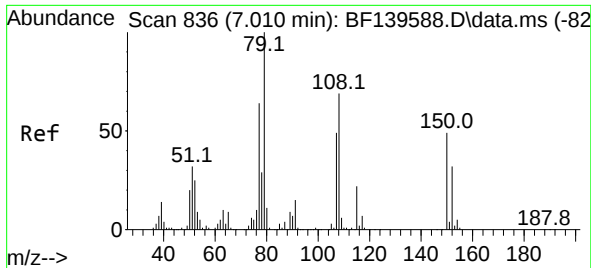
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#14
1,2-Dichlorobenzene
Concen: 47.455 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

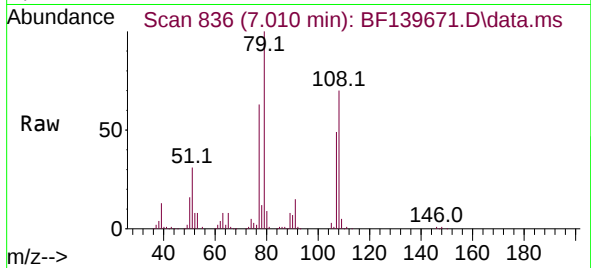
Tgt Ion:146 Resp: 274482
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 46.0 37.0 55.6





#15
Benzyl Alcohol
Concen: 46.767 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

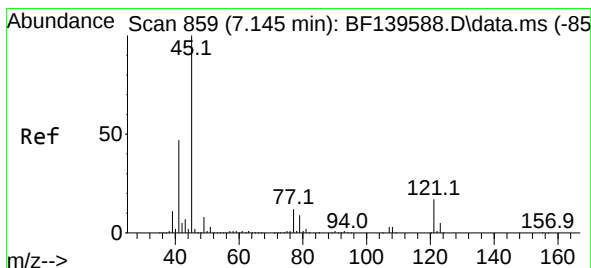
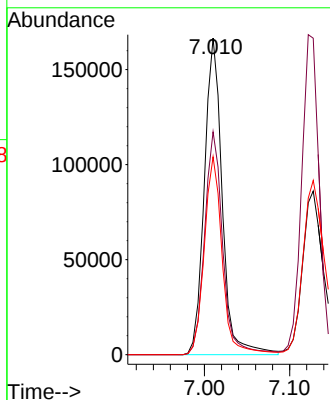
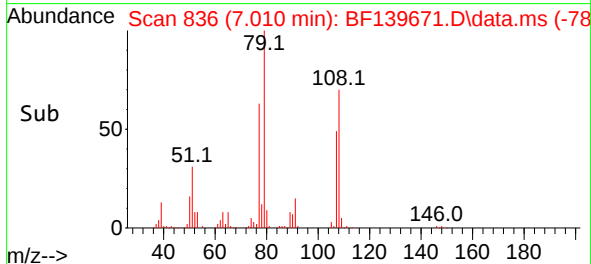
Instrument :
BNA_F
ClientSampleId :
TP4MS



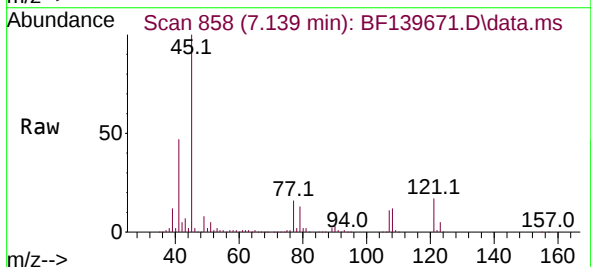
Tgt Ion: 79 Resp: 24294
Ion Ratio Lower Upper
79 100
108 70.4 55.1 82.7
77 62.5 50.8 76.2

Manual Integrations
APPROVED

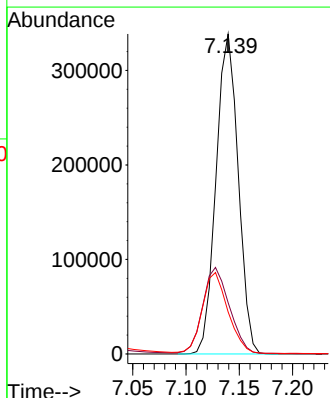
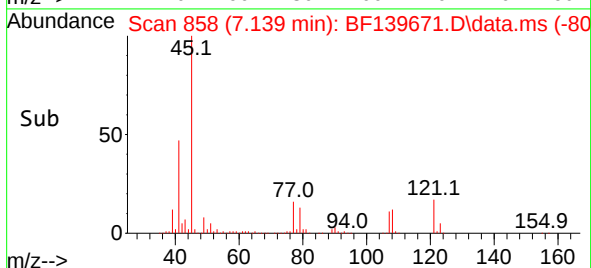
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

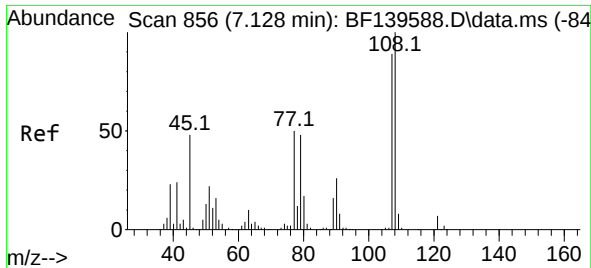


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.449 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



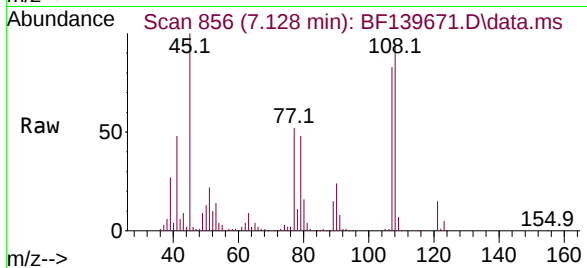
Tgt Ion: 45 Resp: 488215
Ion Ratio Lower Upper
45 100
77 16.1 0.0 32.5
79 13.1 0.0 29.7





#17
2-Methylphenol
Concen: 46.442 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

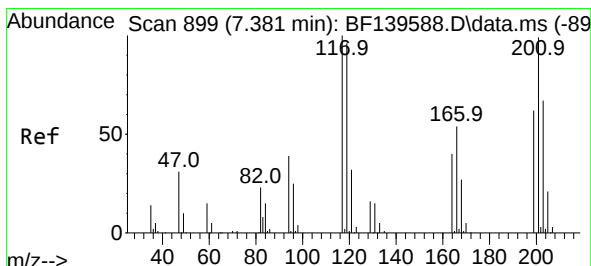
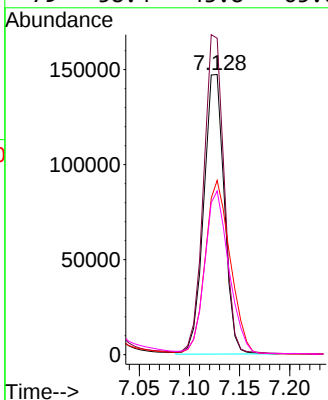
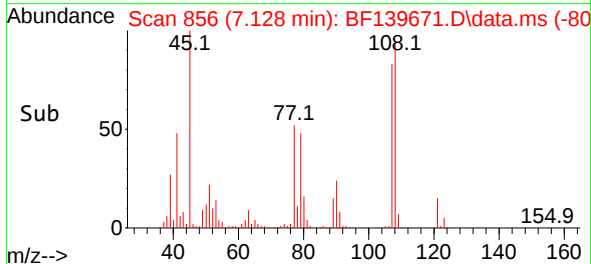
Instrument :
BNA_F
ClientSampleId :
TP4MS



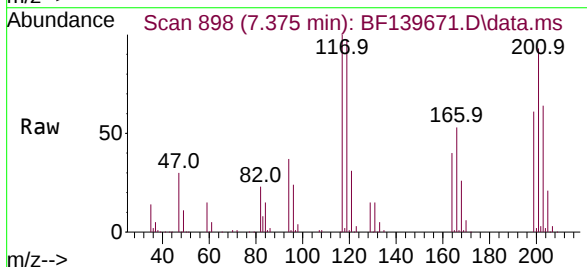
Tgt Ion:107 Resp: 210000
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 62.2 44.6 67.0
79 58.4 43.8 65.6

Manual Integrations
APPROVED

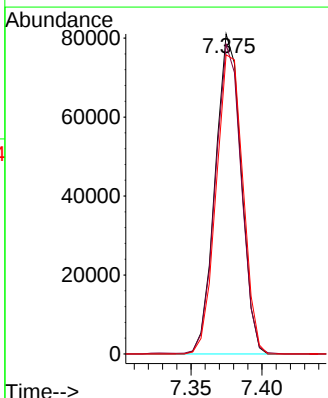
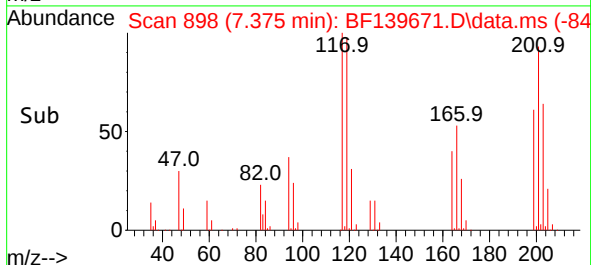
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

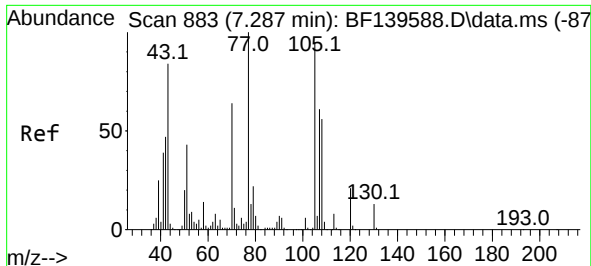


#18
Hexachloroethane
Concen: 44.634 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:117 Resp: 102744
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
201 93.5 79.2 118.8





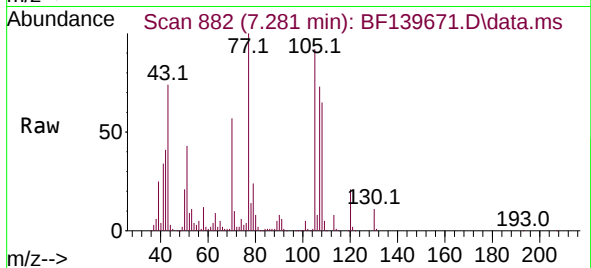
#19
n-Nitroso-di-n-propylamine
Concen: 46.152 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS



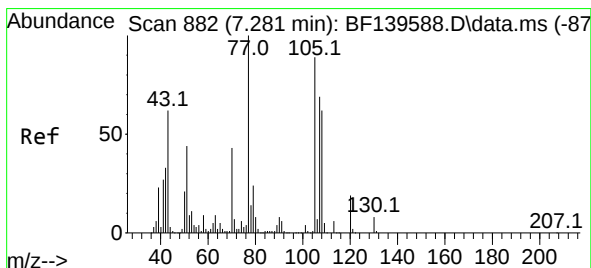
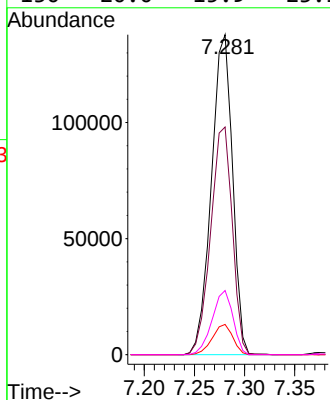
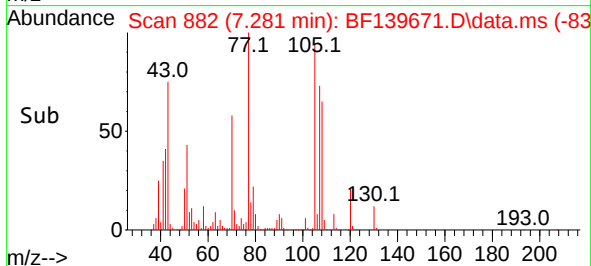
Tgt Ion: 70 Resp: 20173
Ion Ratio Lower Upper
70 100
42 71.1 58.0 87.0
101 9.4 7.8 11.8
130 20.0 15.9 23.9

Manual Integrations

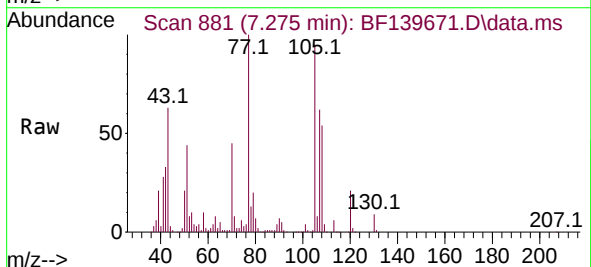
APPROVED

Reviewed By :Yogesh Patel 10/07/2024

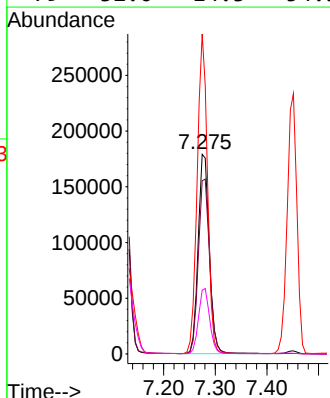
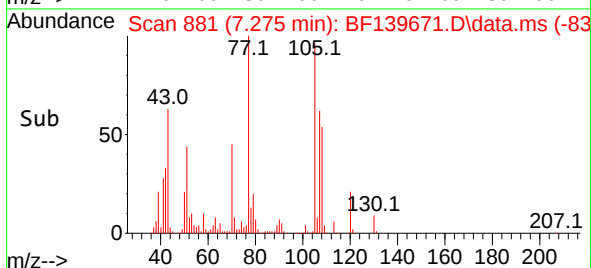
Supervised By :mohammad ahmed 10/07/2024

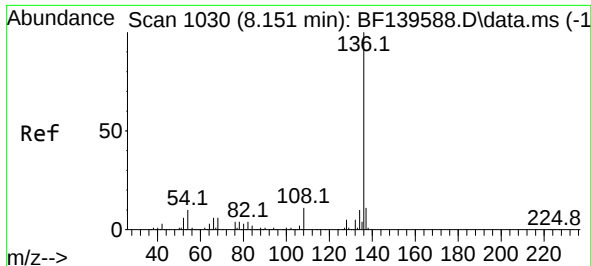


#20
3+4-Methylphenols
Concen: 47.124 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:107 Resp: 267654
Ion Ratio Lower Upper
107 100
108 86.7 70.2 110.2
77 160.2 125.3 165.3
79 32.0 14.3 54.3





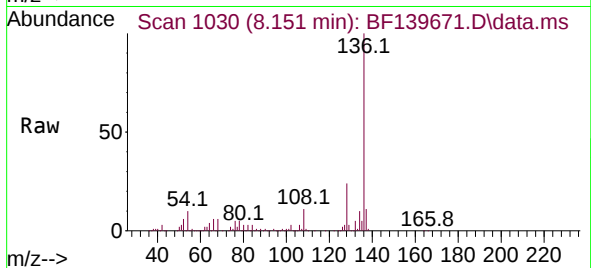
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

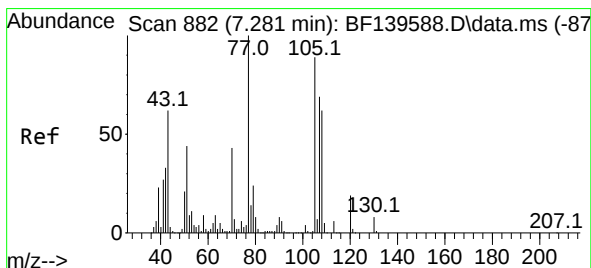
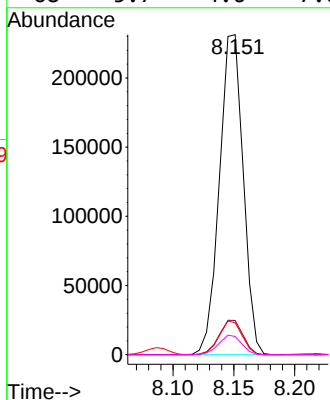
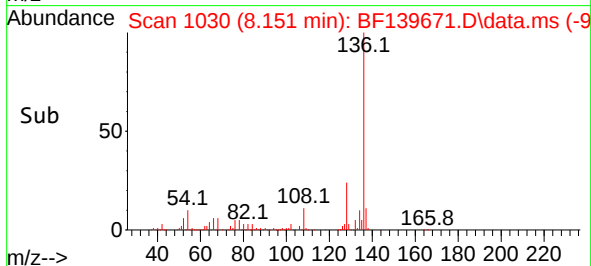


Tgt Ion:136 Resp: 314609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 5.7 4.6 7.0

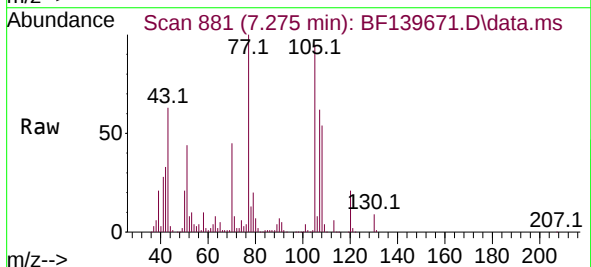
Manual Integrations

APPROVED

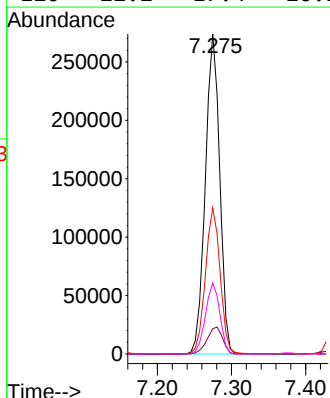
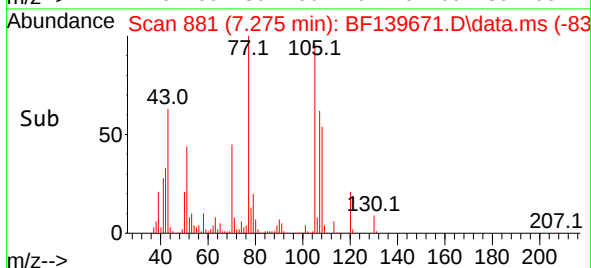
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

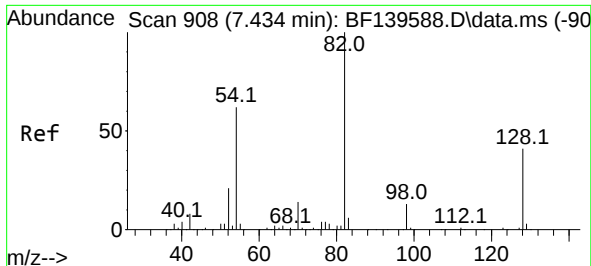


#22
Acetophenone
Concen: 49.364 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:105 Resp: 368641
Ion Ratio Lower Upper
105 100
71 7.9 6.6 10.0
51 45.7 39.4 59.0
120 22.2 17.4 26.2





#23
Nitrobenzene-d5
Concen: 61.528 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

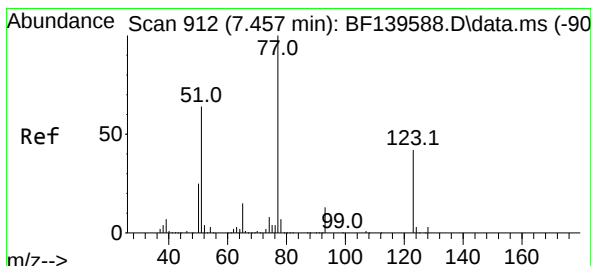
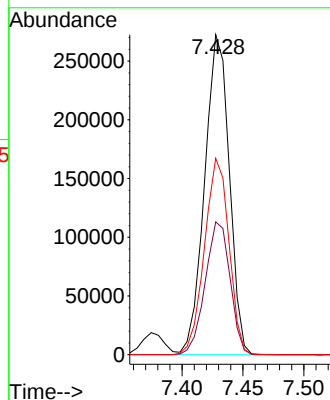
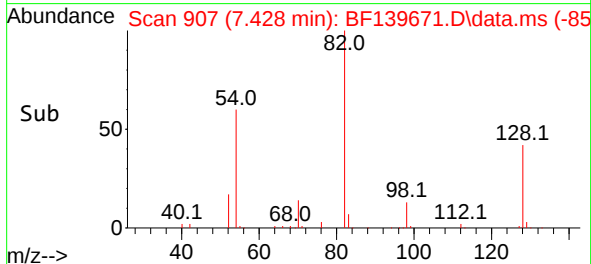
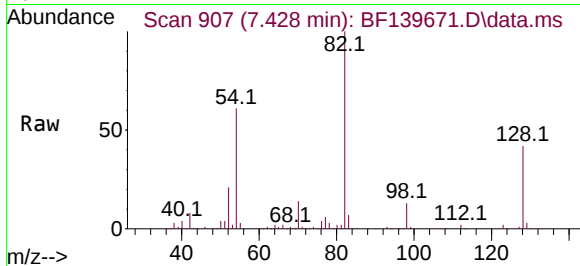
ClientSampleId :

TP4MS

Tgt Ion: 82 Resp: 382319
Ion Ratio Lower Upper
82 100
128 41.5 32.4 48.6
54 61.3 49.1 73.7

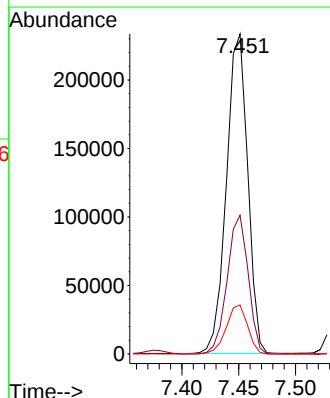
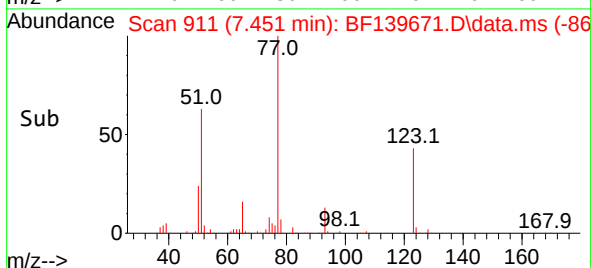
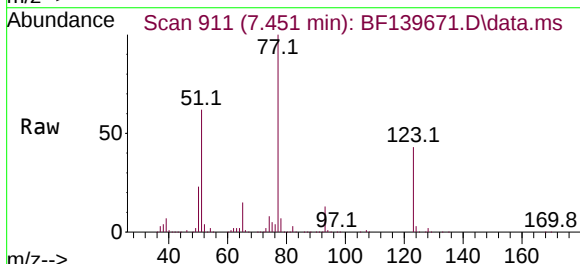
Manual Integrations
APPROVED

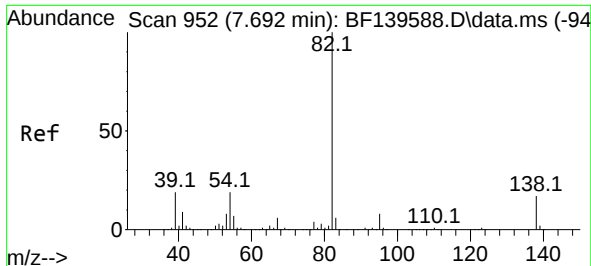
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#24
Nitrobenzene
Concen: 47.231 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion: 77 Resp: 303902
Ion Ratio Lower Upper
77 100
123 43.4 34.2 51.4
65 15.3 12.1 18.1





#25
Isophorone
Concen: 48.151 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

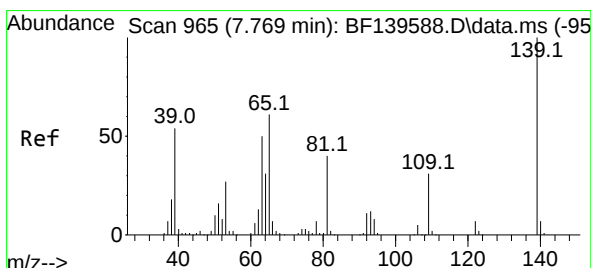
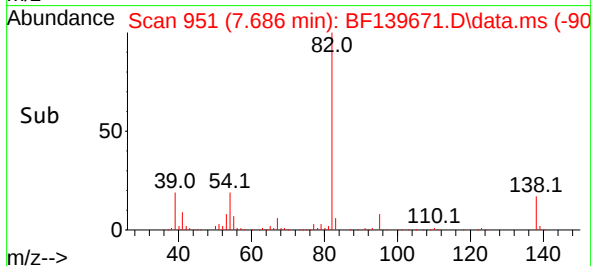
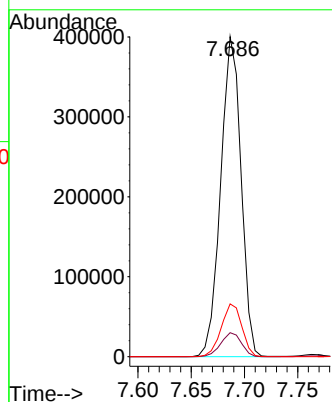
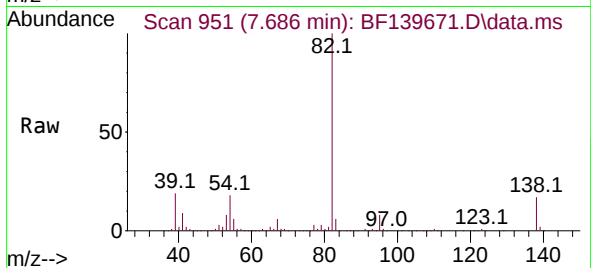
TP4MS

Tgt Ion: 82 Resp: 531410
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.5 13.4 20.2

Manual Integrations

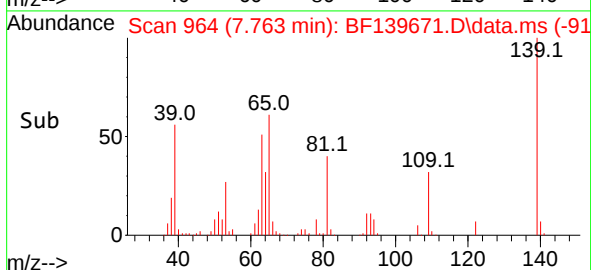
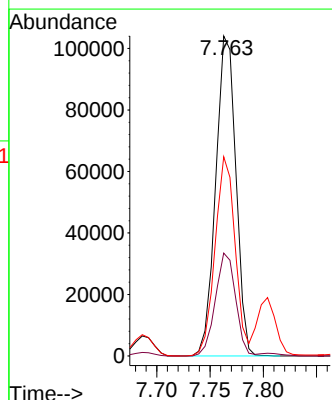
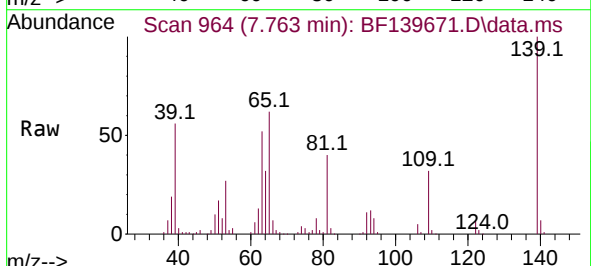
APPROVED

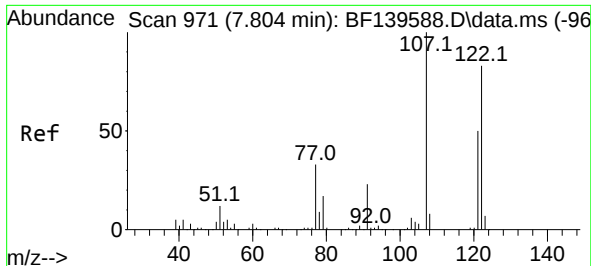
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#26
2-Nitrophenol
Concen: 49.563 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion:139 Resp: 137098
Ion Ratio Lower Upper
139 100
109 32.1 24.9 37.3
65 62.2 48.6 72.8





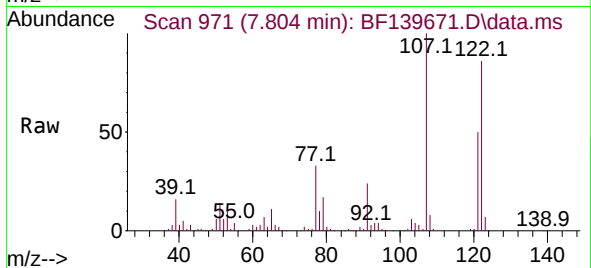
#27
2,4-Dimethylphenol
Concen: 58.457 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS



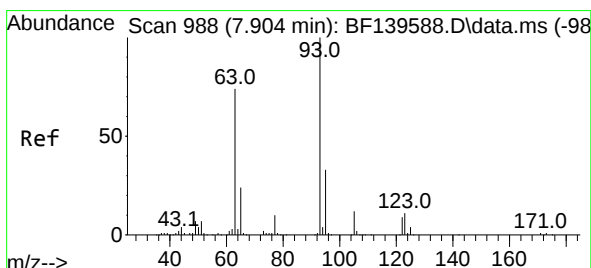
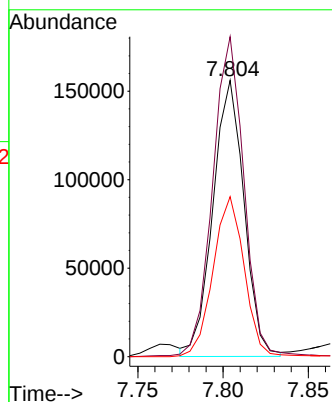
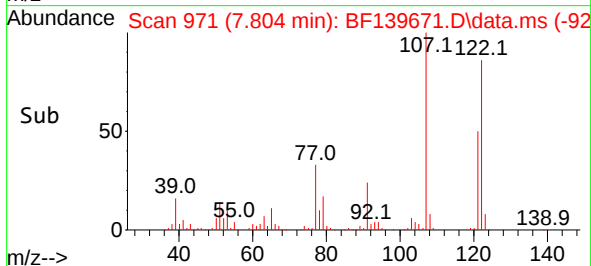
Tgt Ion:122 Resp: 197952
Ion Ratio Lower Upper
122 100
107 115.8 95.4 143.0
121 57.9 47.4 71.2

Manual Integrations

APPROVED

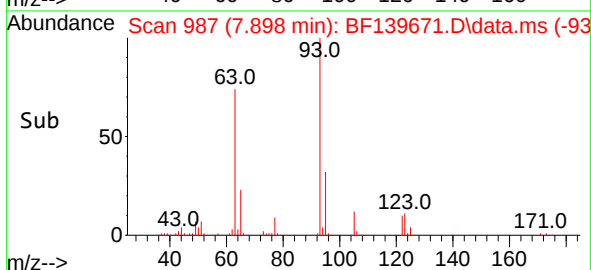
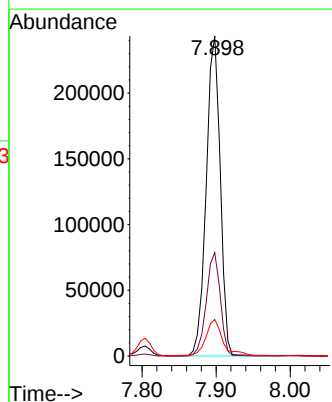
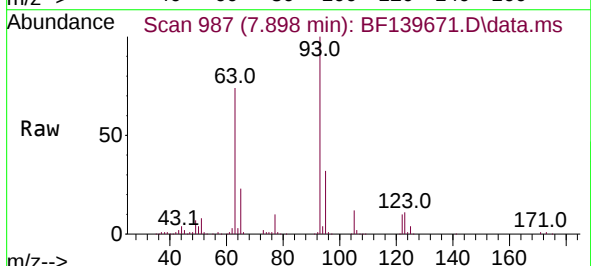
Reviewed By :Yogesh Patel 10/07/2024

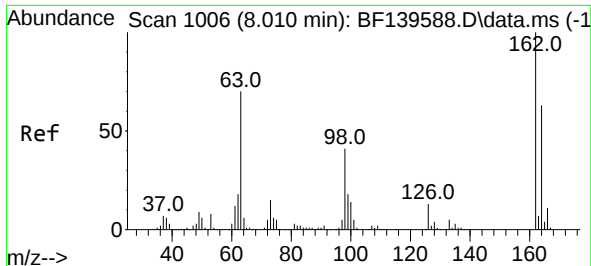
Supervised By :mohammad ahmed 10/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.566 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion: 93 Resp: 320062
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.802 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139671.D

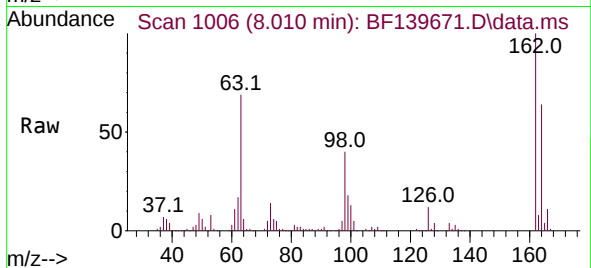
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS



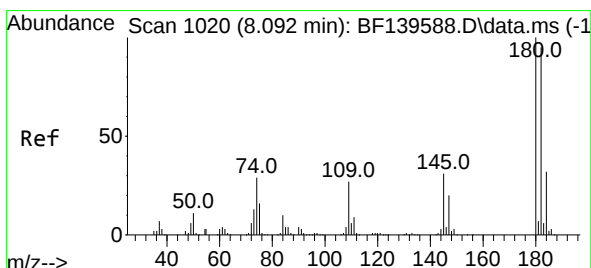
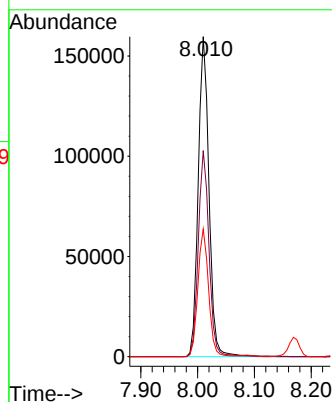
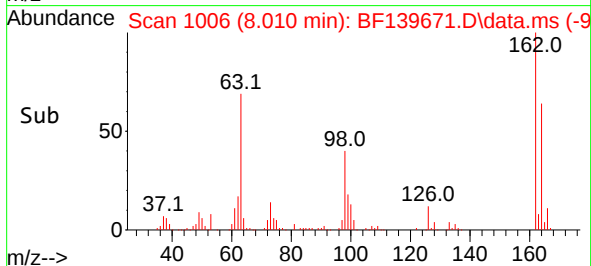
Tgt Ion:162	Resp:	21113
Ion Ratio	Lower	Upper
162	100	
164	64.4	43.1 83.1
98	39.9	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#30

1,2,4-Trichlorobenzene

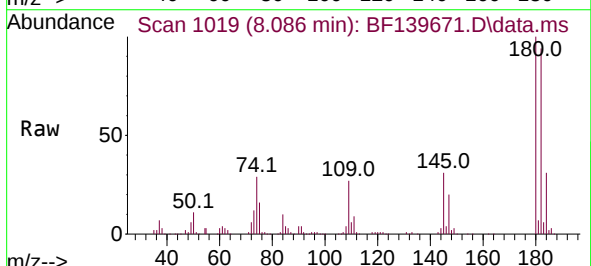
Concen: 46.512 ng

RT: 8.086 min Scan# 1019

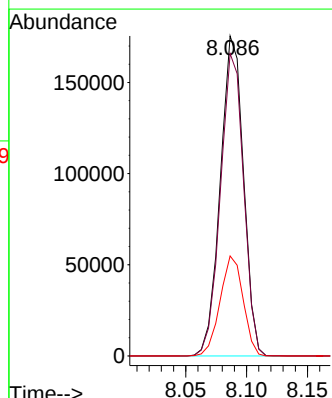
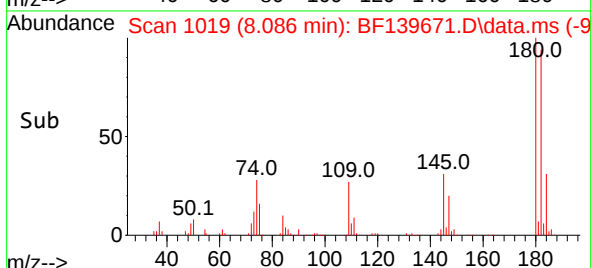
Delta R.T. -0.006 min

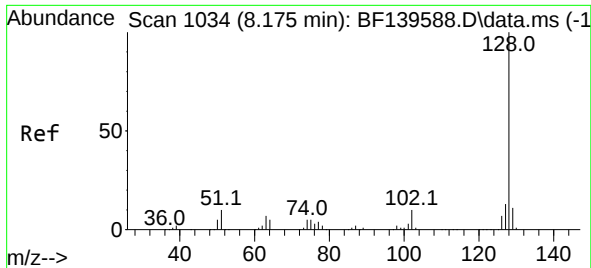
Lab File: BF139671.D

Acq: 04 Oct 2024 21:41



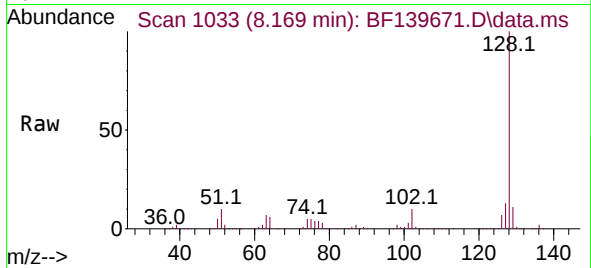
Tgt Ion:180	Resp:	232331
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.0 114.0
145	31.2	25.0 37.6





#31
Naphthalene
Concen: 47.225 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

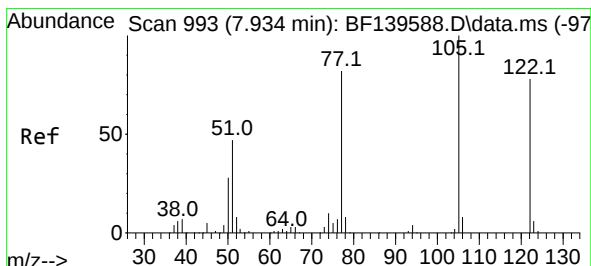
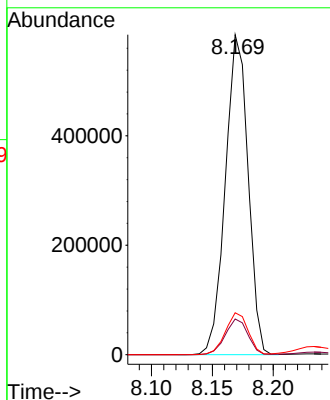
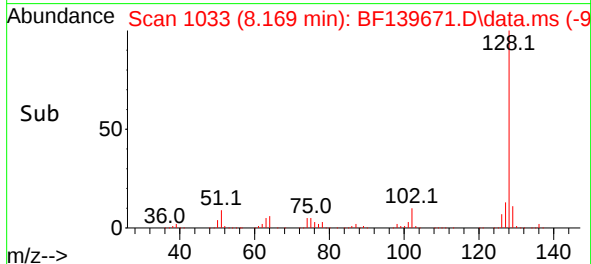
Instrument :
BNA_F
ClientSampleId :
TP4MS



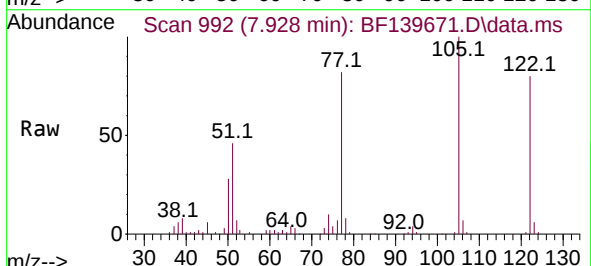
Tgt Ion:128 Resp: 759638
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations
APPROVED

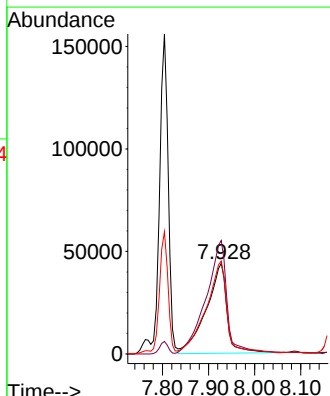
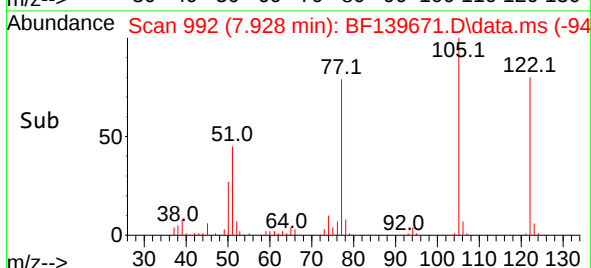
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

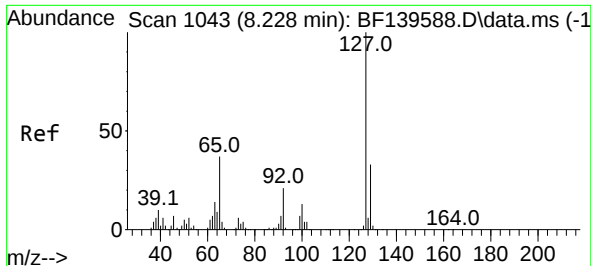


#32
Benzoic acid
Concen: 40.662 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:122 Resp: 136915
Ion Ratio Lower Upper
122 100
105 125.3 104.9 144.9
77 102.5 82.7 122.7





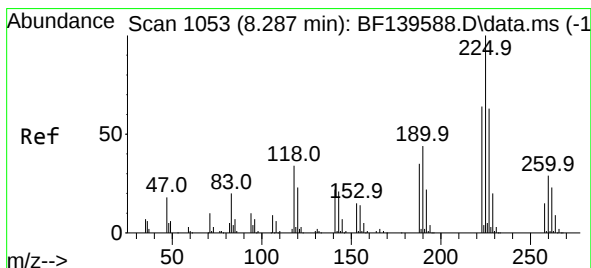
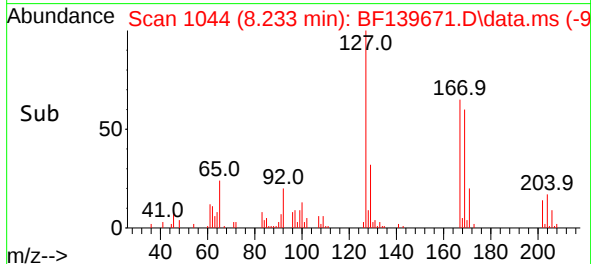
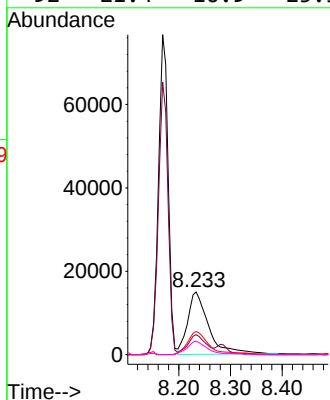
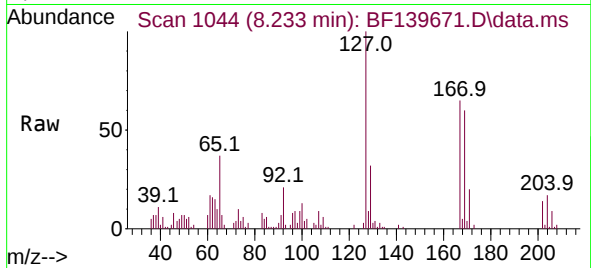
#33
4-Chloroaniline
Concen: 7.715 ng
RT: 8.233 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:	127	Resp:	42009
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.2	39.4
65	36.9	29.3	43.9
92	21.4	16.9	25.3

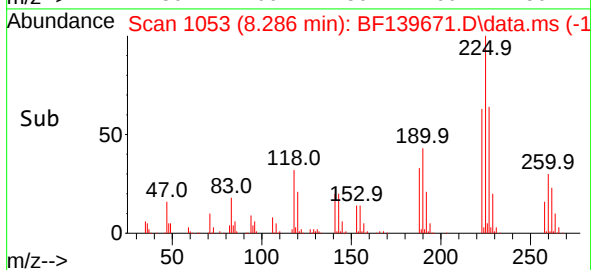
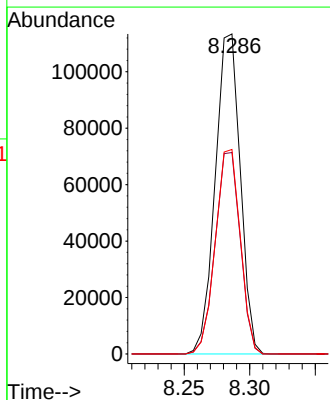
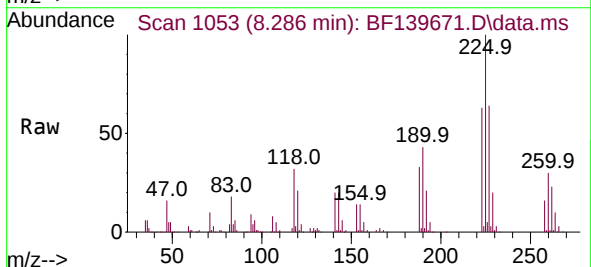
Manual Integrations
APPROVED

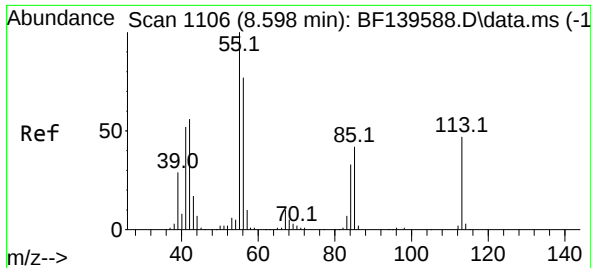
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 46.567 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

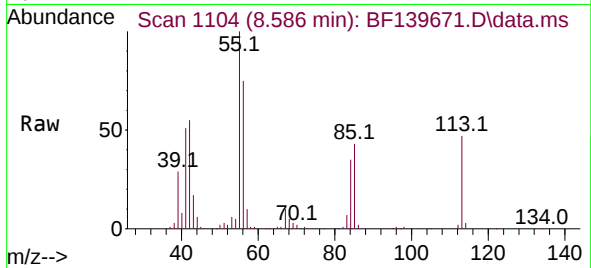
Tgt Ion:	225	Resp:	150528
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.9	76.3
227	63.9	50.7	76.1





#35
 Caprolactam
 Concen: 45.456 ng m
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF139671.D
 Acq: 04 Oct 2024 21:41

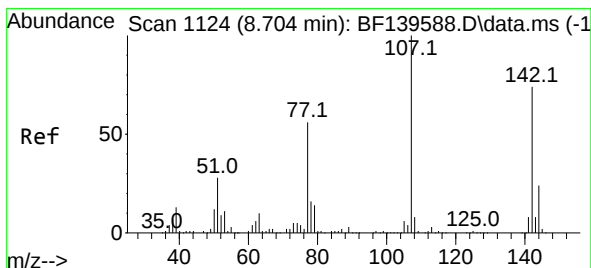
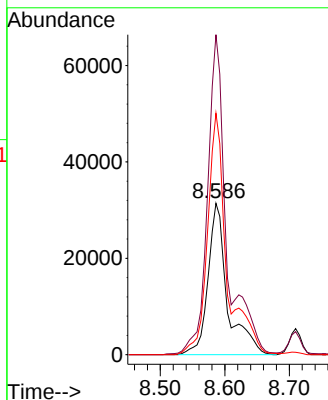
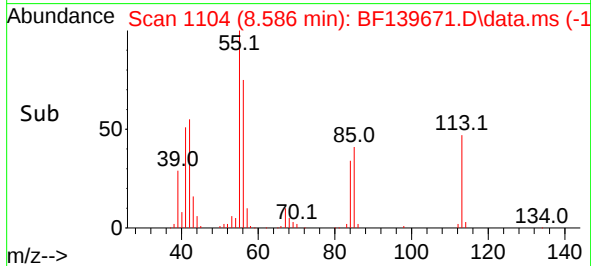
Instrument :
 BNA_F
 ClientSampleId :
 TP4MS



Tgt Ion:113 Resp: 65852
 Ion Ratio Lower Upper
 113 100
 55 211.3 193.4 233.4
 56 159.4 143.8 183.8

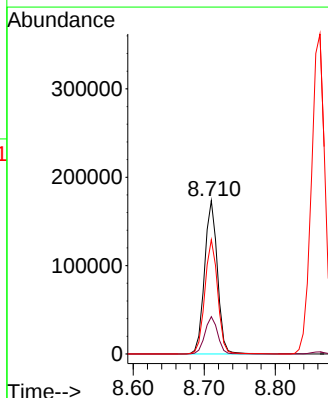
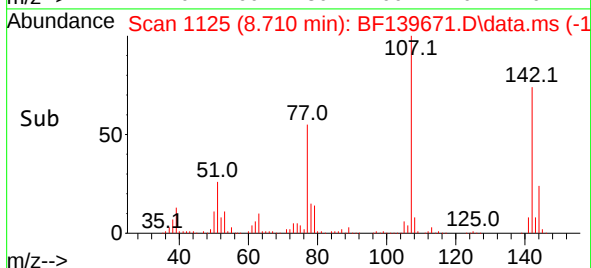
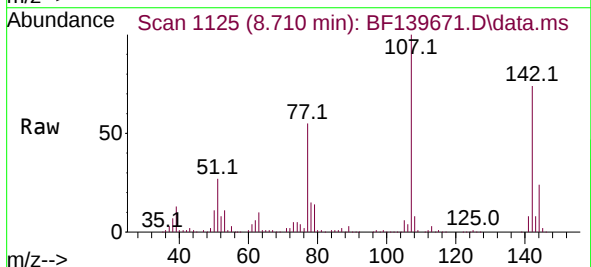
Manual Integrations
 APPROVED

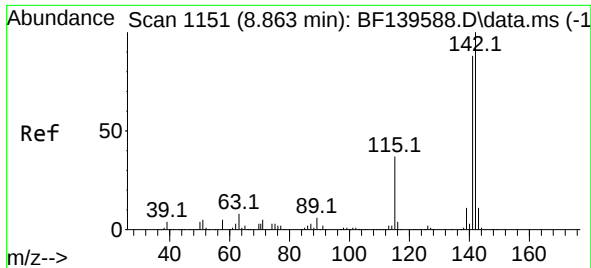
Reviewed By :Yogesh Patel 10/07/2024
 Supervised By :mohammad ahmed 10/07/2024



#36
 4-Chloro-3-methylphenol
 Concen: 43.982 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139671.D
 Acq: 04 Oct 2024 21:41

Tgt Ion:107 Resp: 219904
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.6
 142 74.5 59.2 88.8





#37
2-Methylnaphthalene
Concen: 45.503 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

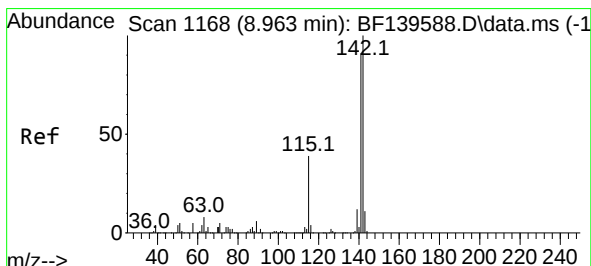
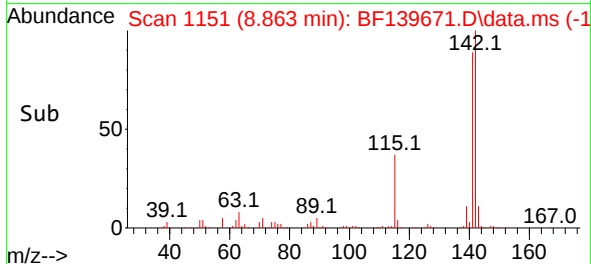
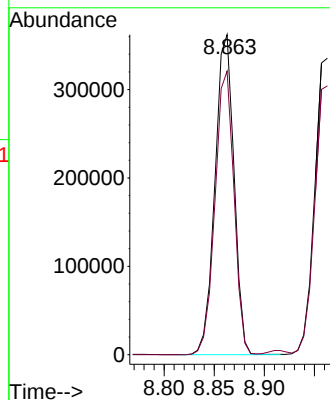
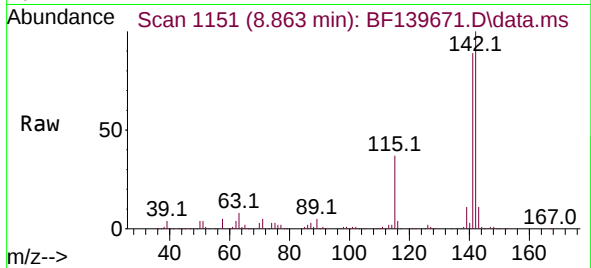
TP4MS

Tgt Ion:142 Resp: 476704
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6

Manual Integrations

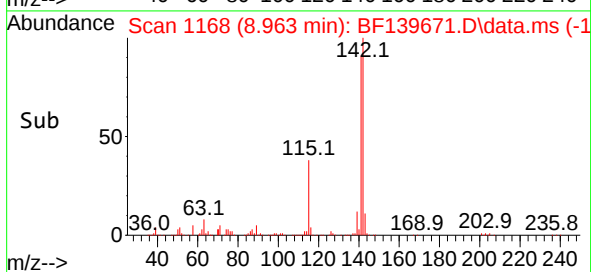
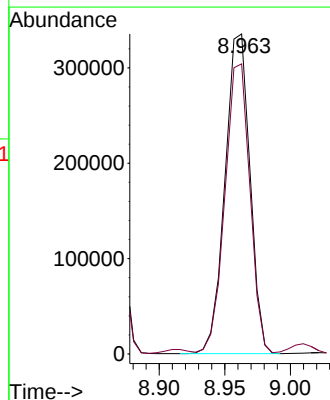
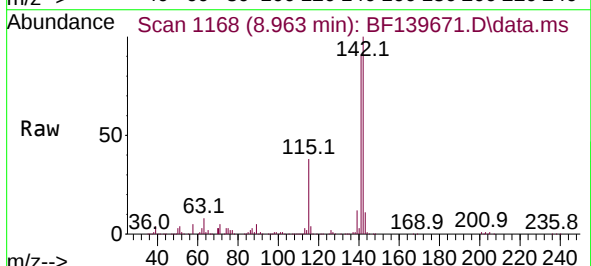
APPROVED

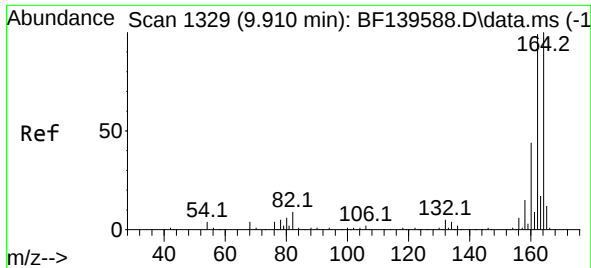
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 43.279 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

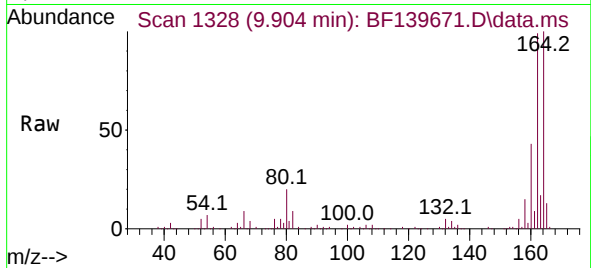
Tgt Ion:142 Resp: 443189
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

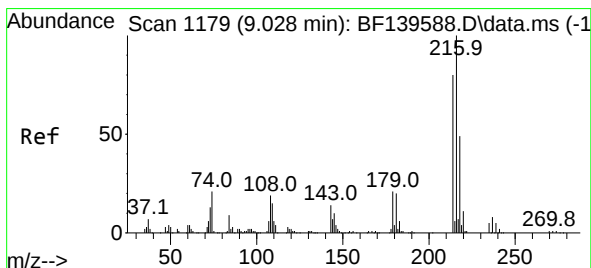
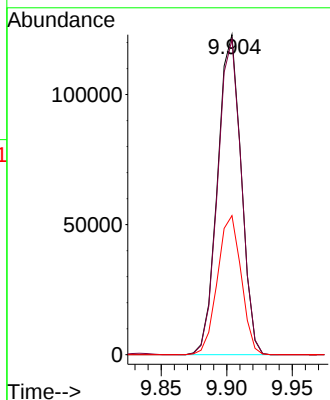
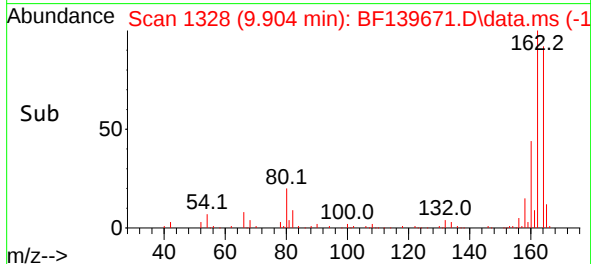
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:164 Resp: 153938
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.5 35.1 52.7

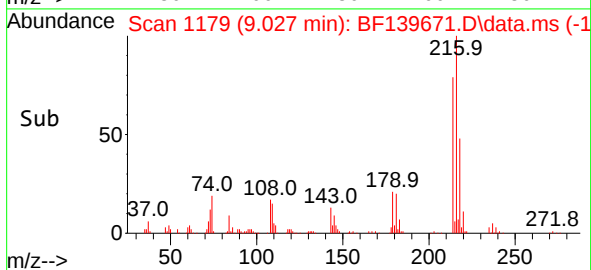
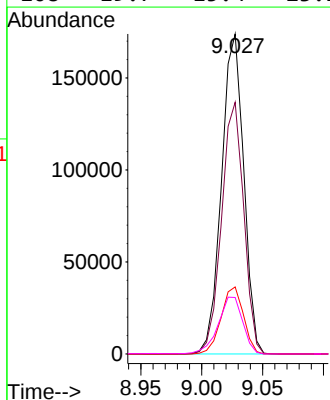
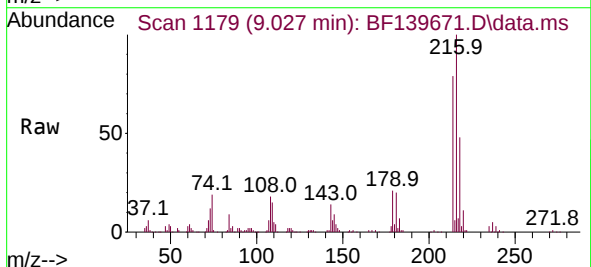
Manual Integrations
APPROVED

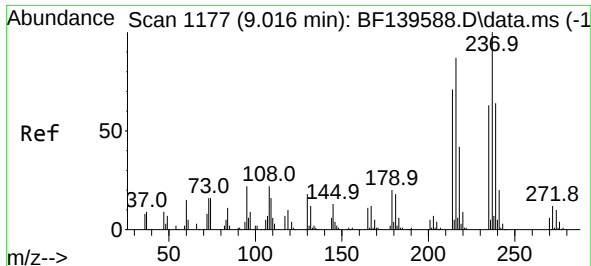
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.602 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

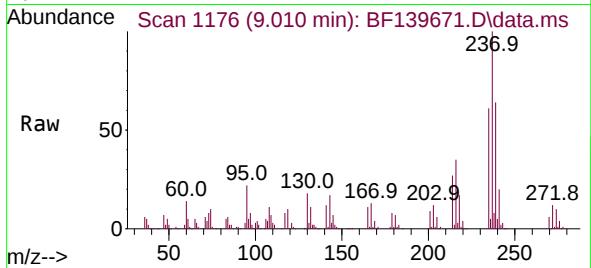
Tgt Ion:216 Resp: 220578
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 21.2 16.9 25.3
108 19.7 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 86.559 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

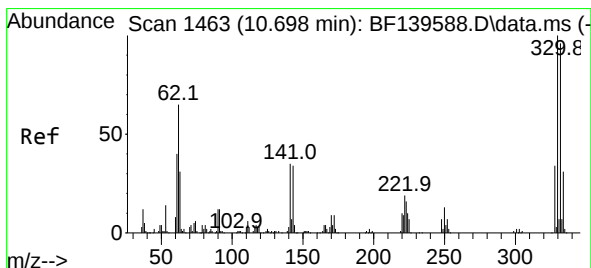
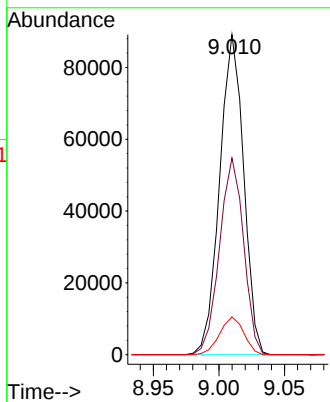
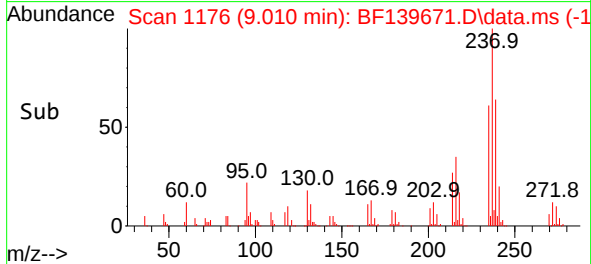
Instrument :
BNA_F
ClientSampleId :
TP4MS



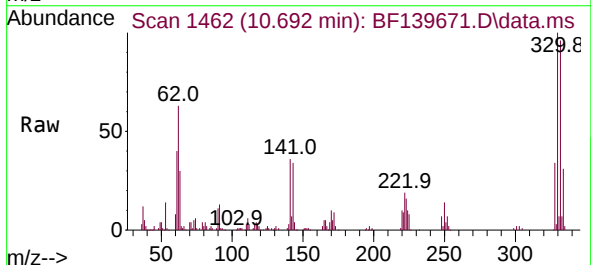
Tgt Ion:237 Resp: 113452
Ion Ratio Lower Upper
237 100
235 61.5 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations
APPROVED

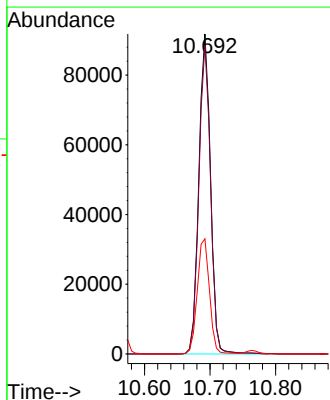
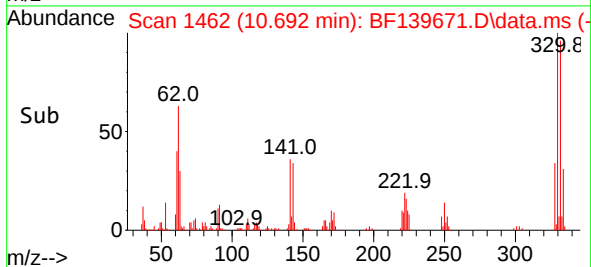
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

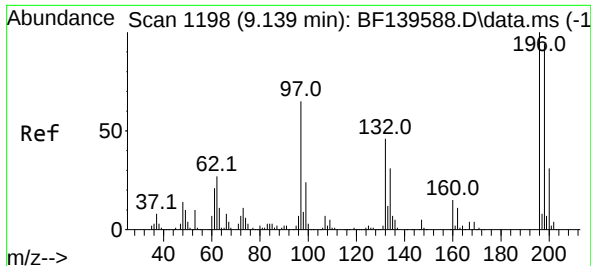


#42
2,4,6-Tribromophenol
Concen: 77.164 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



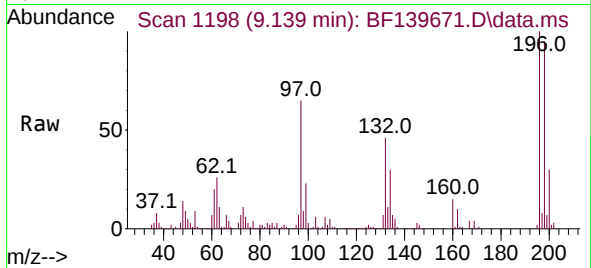
Tgt Ion:330 Resp: 114665
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 37.4 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.110 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

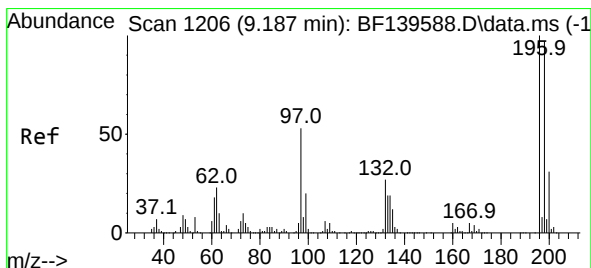
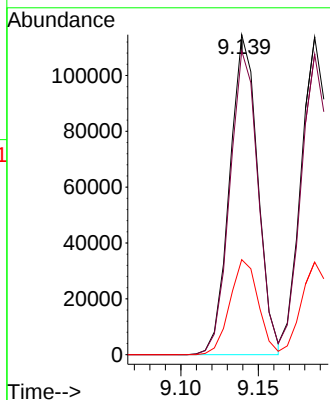
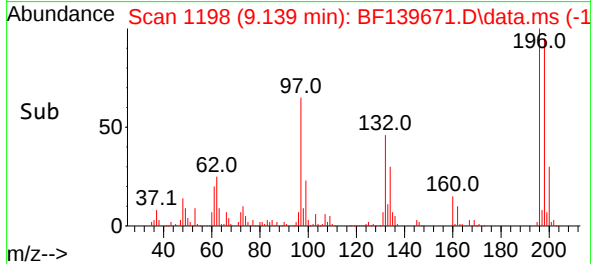
Instrument :
BNA_F
ClientSampleId :
TP4MS



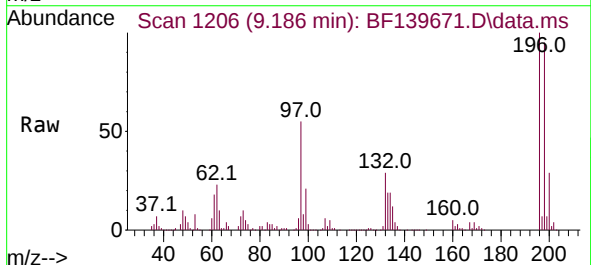
Tgt Ion:196 Resp: 144398
Ion Ratio Lower Upper
196 100
198 95.0 75.2 112.8
200 29.7 24.6 37.0

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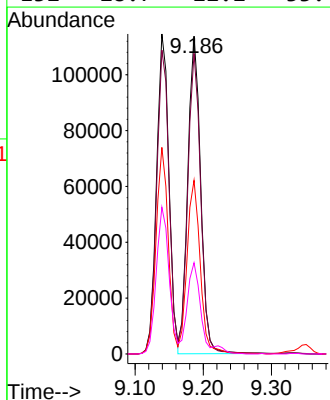
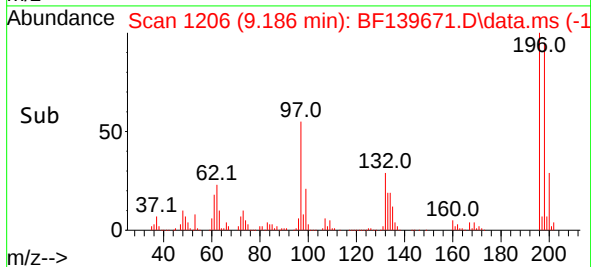
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

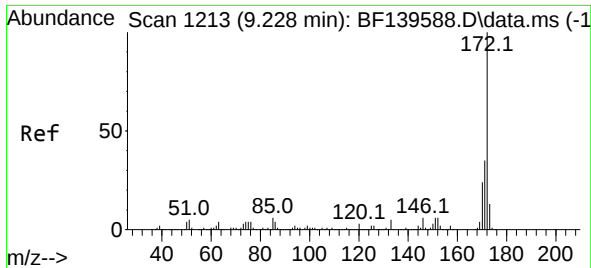


#44
2,4,5-Trichlorophenol
Concen: 47.748 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



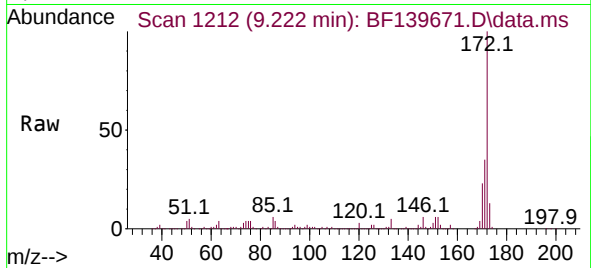
Tgt Ion:196 Resp: 148379
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 54.6 43.1 64.7
132 28.7 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 66.330 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

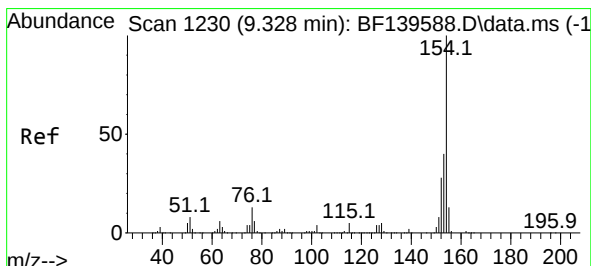
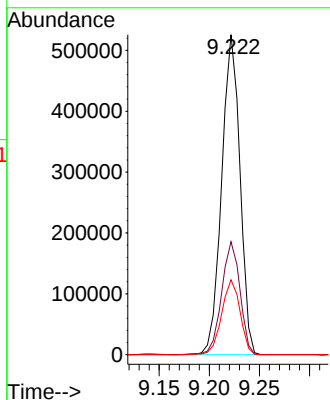
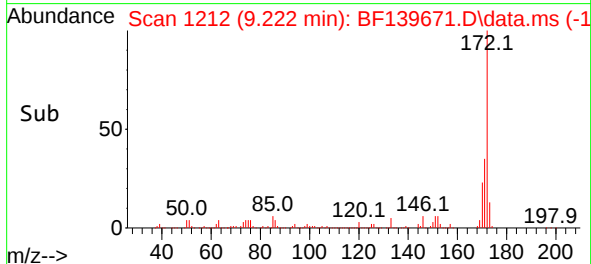
Instrument :
BNA_F
ClientSampleId :
TP4MS



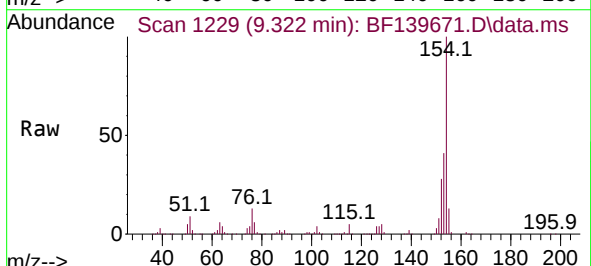
Tgt Ion:172 Resp: 66510
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 18.8 28.2

Manual Integrations
APPROVED

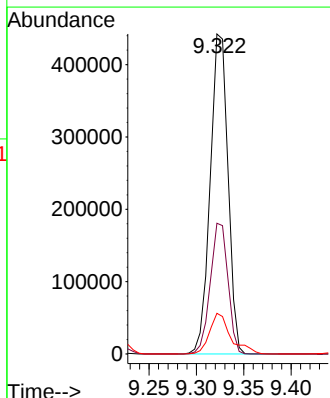
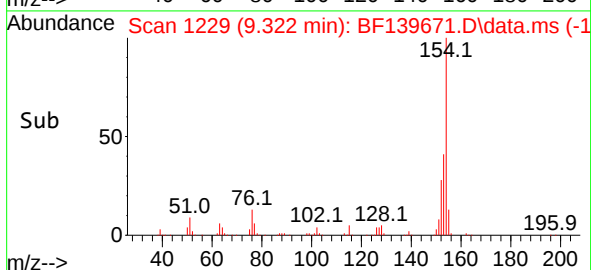
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

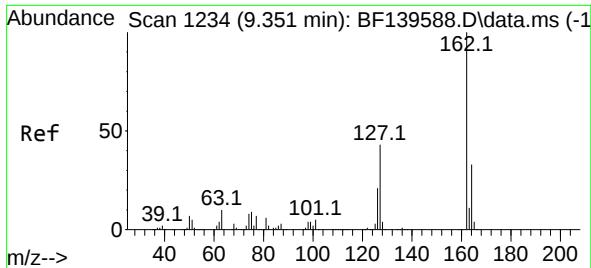


#46
1,1'-Biphenyl
Concen: 50.368 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:154 Resp: 576676
Ion Ratio Lower Upper
154 100
153 40.9 20.1 60.1
76 12.7 0.0 32.6





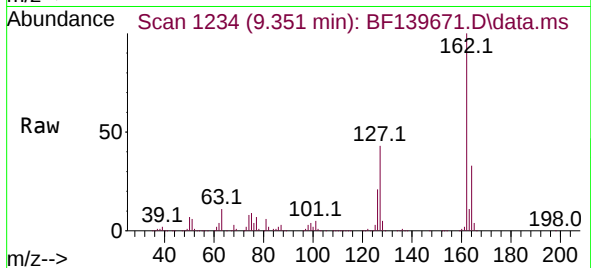
#47
2-Chloronaphthalene
Concen: 48.662 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

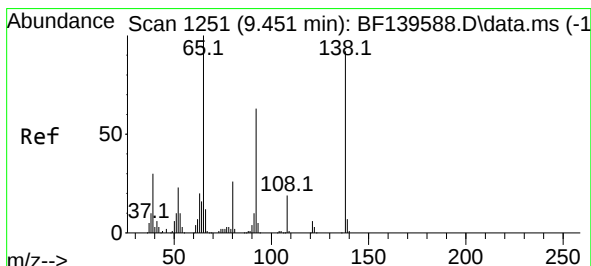
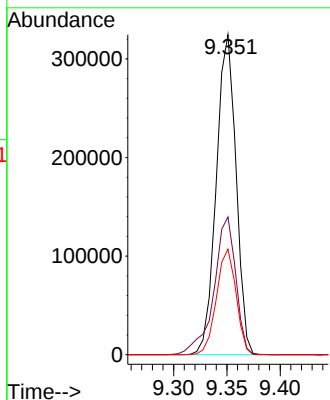
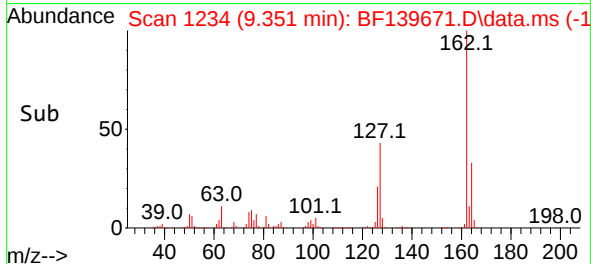


Tgt Ion:162 Resp: 417674
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 33.0 26.1 39.1

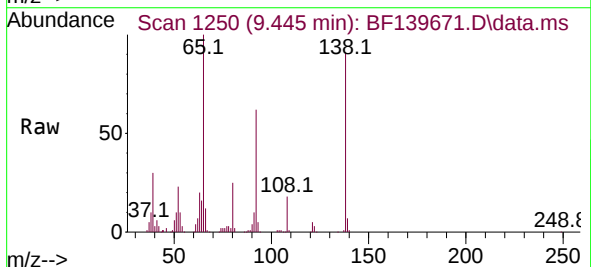
Manual Integrations

APPROVED

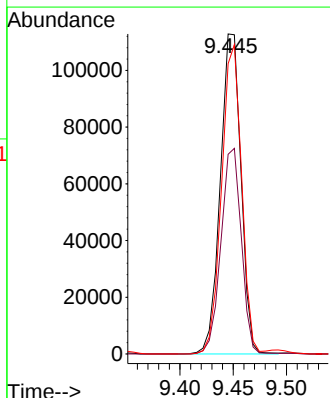
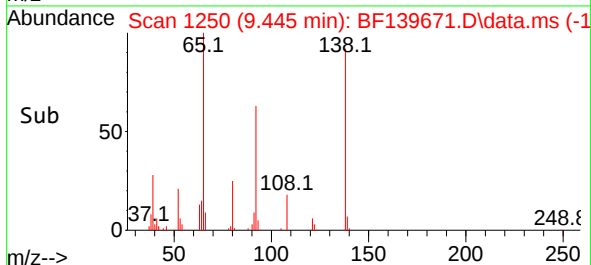
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

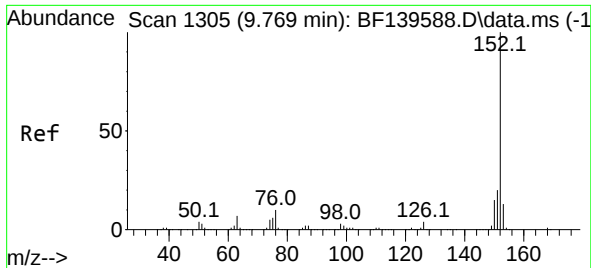


#48
2-Nitroaniline
Concen: 49.304 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion: 65 Resp: 151910
Ion Ratio Lower Upper
65 100
92 62.4 50.0 75.0
138 90.7 73.8 110.8





#49

Acenaphthylene

Concen: 50.836 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:152 Resp: 66356

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

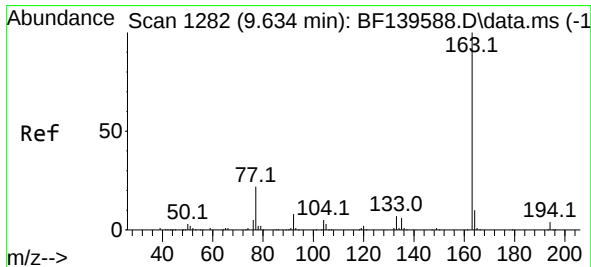
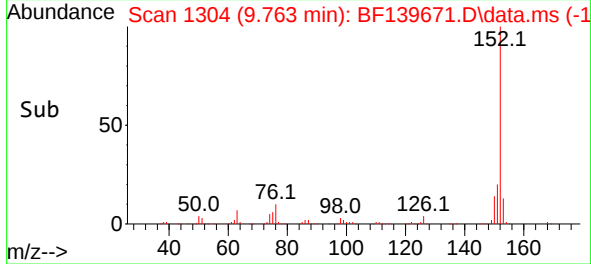
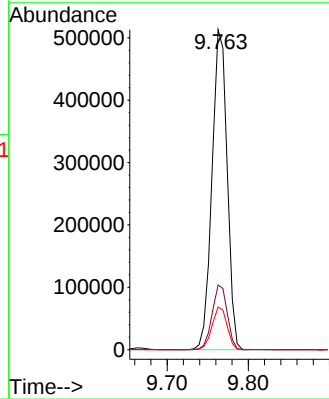
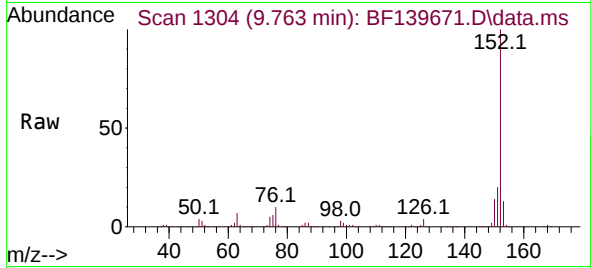
153 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#50

Dimethylphthalate

Concen: 51.319 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

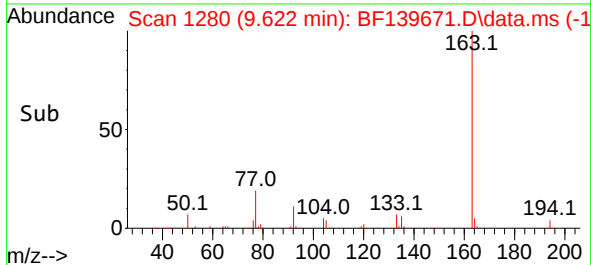
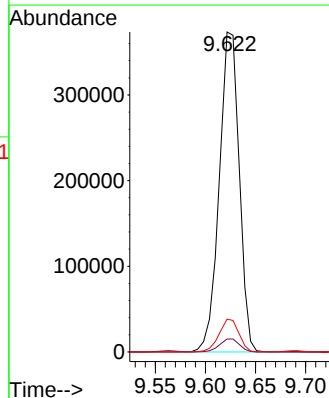
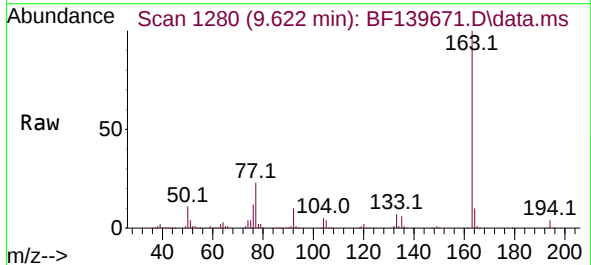
Tgt Ion:163 Resp: 517130

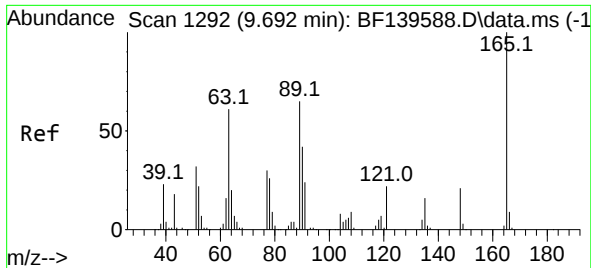
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1





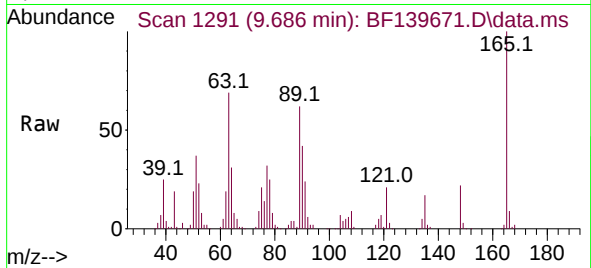
#51
2,6-Dinitrotoluene
Concen: 46.215 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS



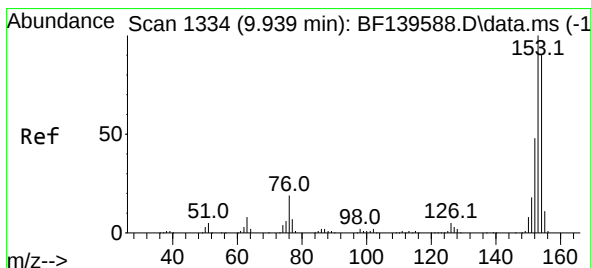
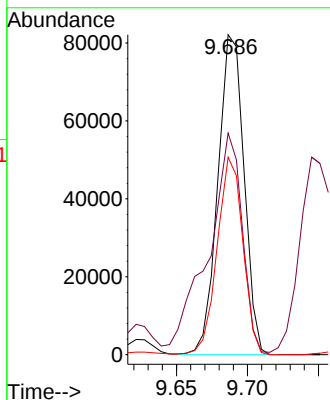
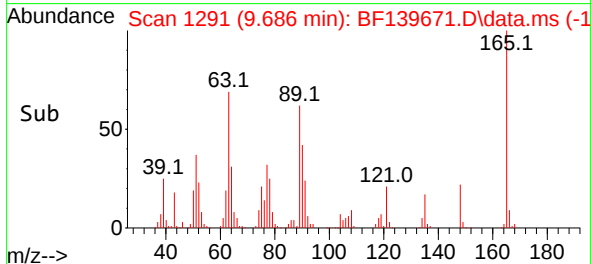
Tgt Ion:165 Resp: 105198
Ion Ratio Lower Upper
165 100
63 69.3 56.7 85.1
89 61.7 51.6 77.4

Manual Integrations

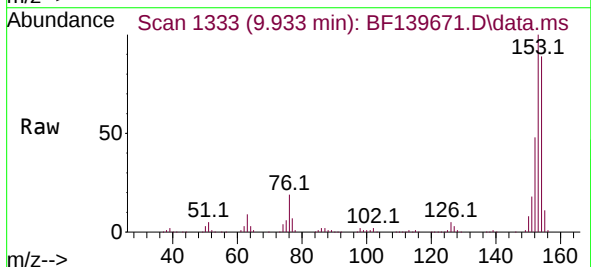
APPROVED

Reviewed By :Yogesh Patel 10/07/2024

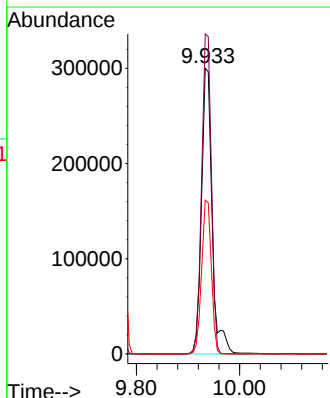
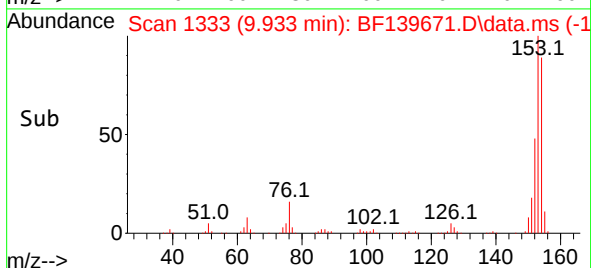
Supervised By :mohammad ahmed 10/07/2024

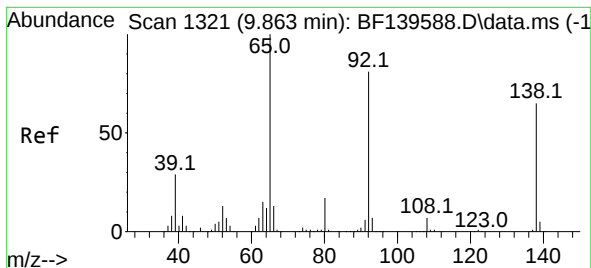


#52
Acenaphthene
Concen: 47.806 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:154 Resp: 428383
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 29.790 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

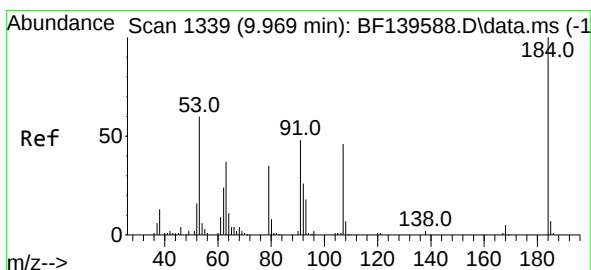
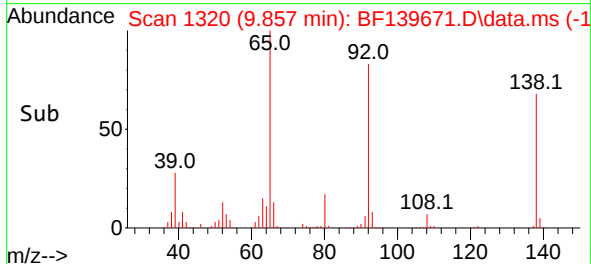
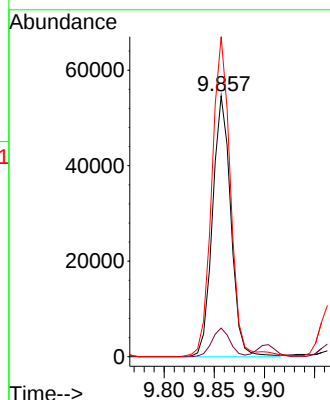
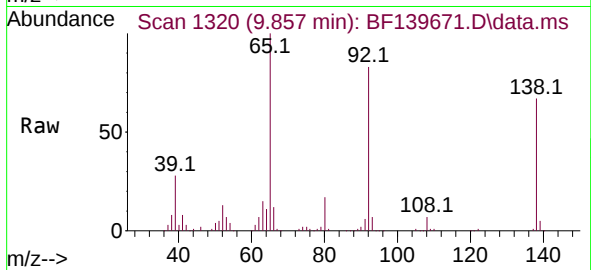
TP4MS

Tgt Ion:138 Resp: 69290
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 122.7 100.0 150.0

Manual Integrations

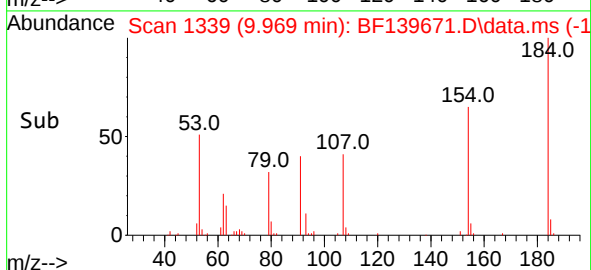
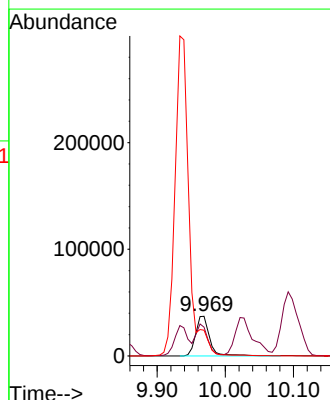
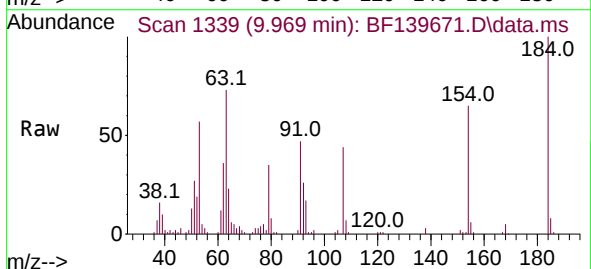
APPROVED

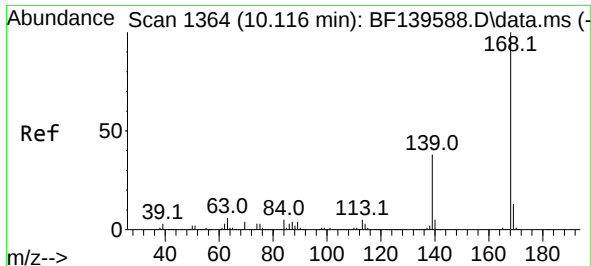
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#54
2,4-Dinitrophenol
Concen: 43.581 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

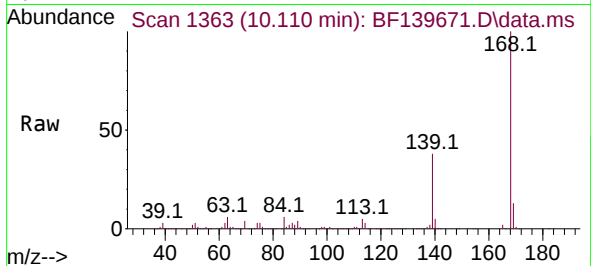
Tgt Ion:184 Resp: 53358
Ion Ratio Lower Upper
184 100
63 72.5 61.7 92.5
154 64.8 53.0 79.4





#55
Dibenzenofuran
Concen: 47.243 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

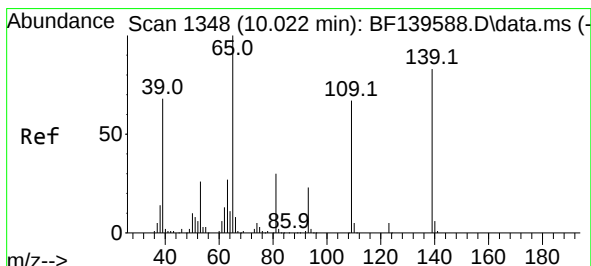
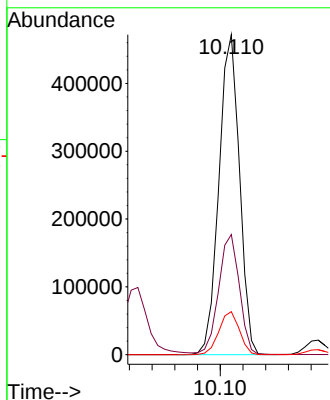
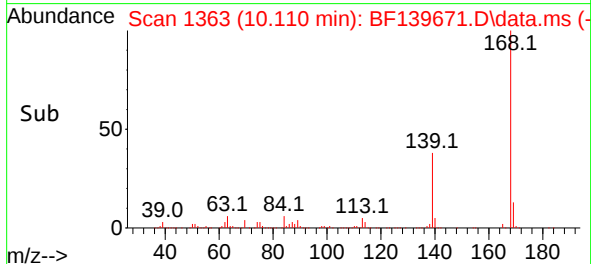
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:168 Resp: 592730
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.5 10.7 16.1

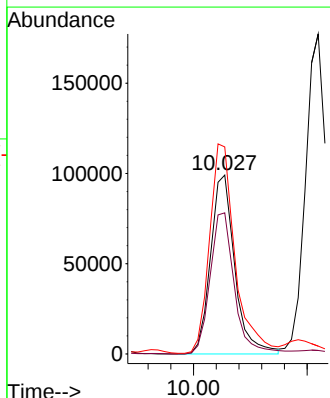
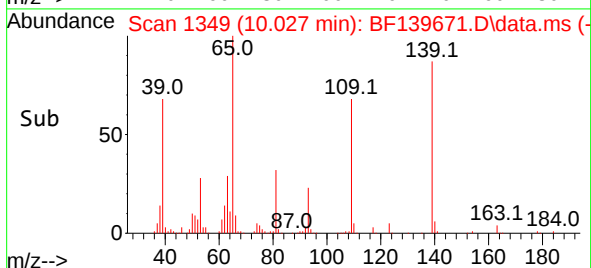
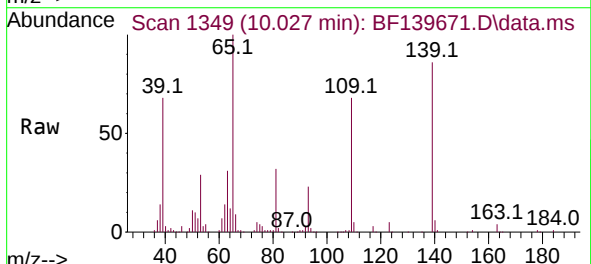
Manual Integrations
APPROVED

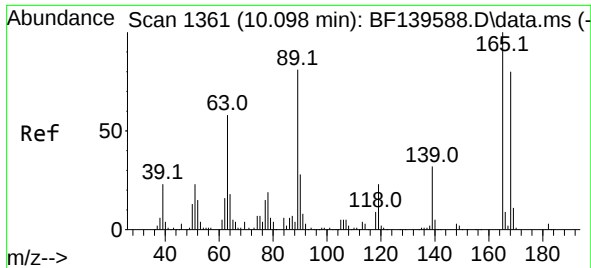
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#56
4-Nitrophenol
Concen: 82.887 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

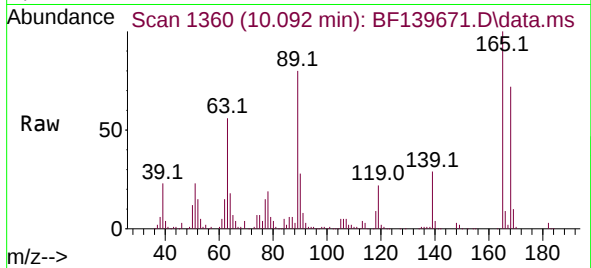
Tgt Ion:139 Resp: 147034
Ion Ratio Lower Upper
139 100
109 78.8 60.3 100.3
65 115.7 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 44.694 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

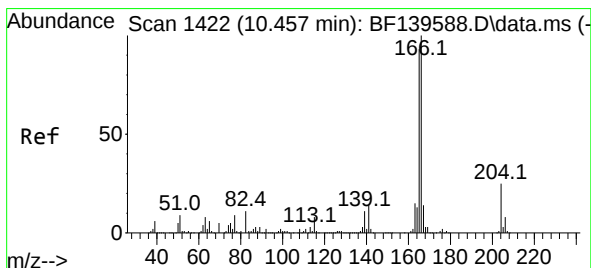
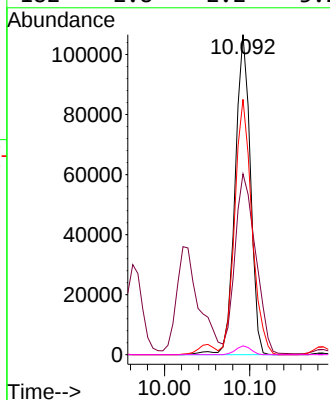
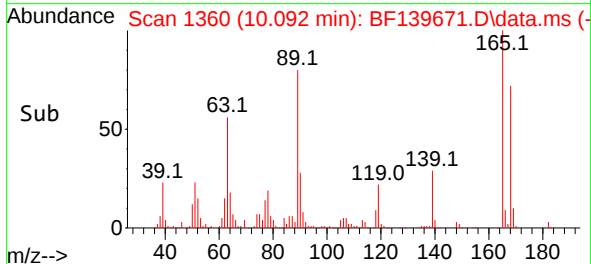
Instrument :
BNA_F
ClientSampleId :
TP4MS



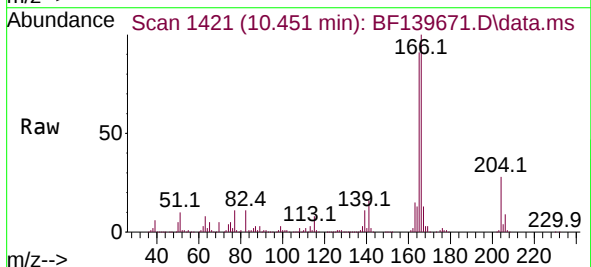
Tgt Ion:165 Resp: 13298
Ion Ratio Lower Upper
165 100
63 56.5 46.9 70.3
89 79.8 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations
APPROVED

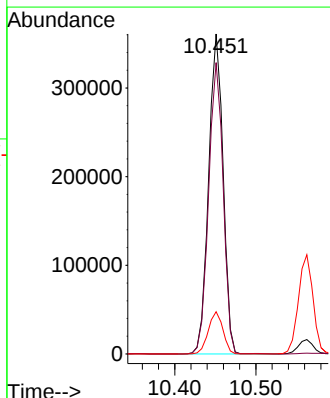
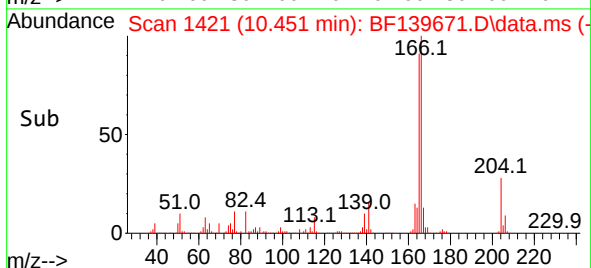
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

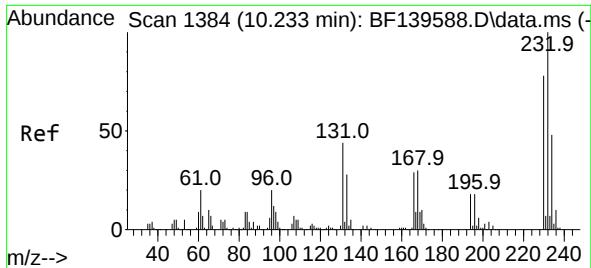


#58
Fluorene
Concen: 44.677 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



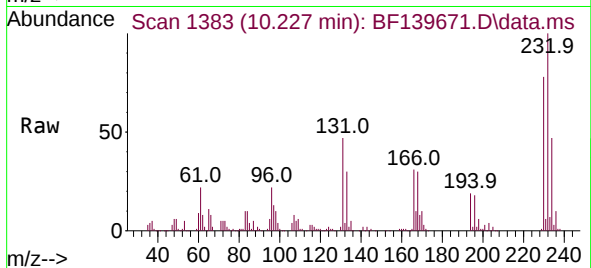
Tgt Ion:166 Resp: 446459
Ion Ratio Lower Upper
166 100
165 91.0 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.898 ng
RT: 10.227 min Scan# 112690
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

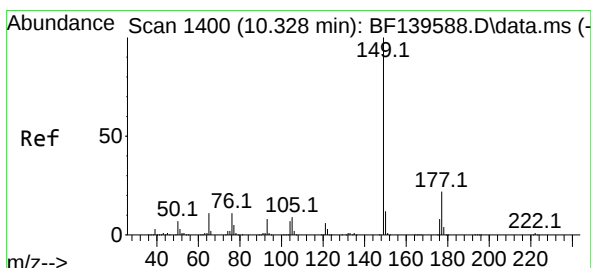
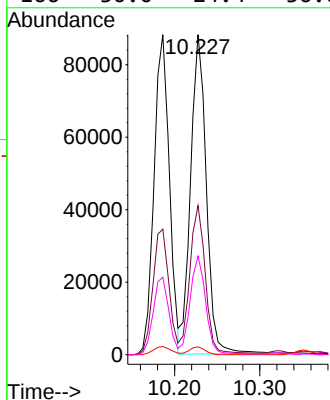
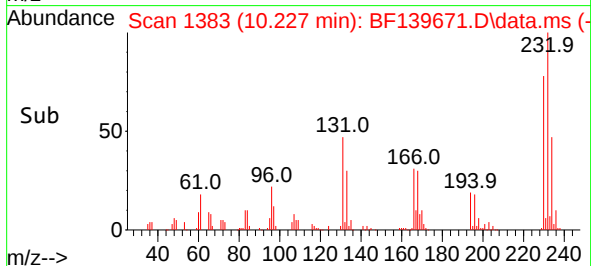
Instrument :
BNA_F
ClientSampleId :
TP4MS



Tgt Ion:232 Resp: 112690
Ion Ratio Lower Upper
232 100
131 45.4 37.8 56.6
130 2.4 1.9 2.9
166 30.0 24.4 36.6

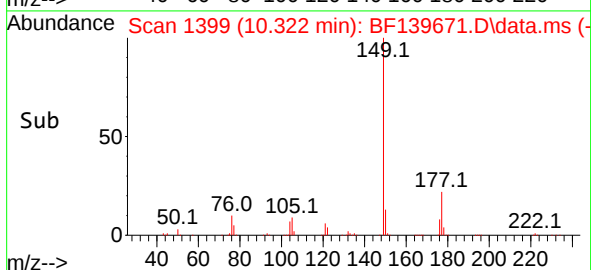
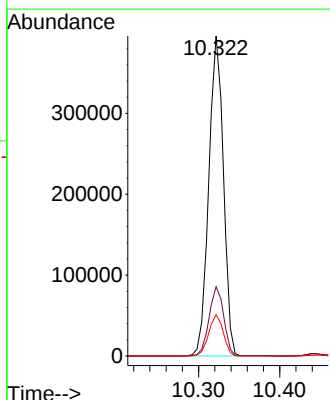
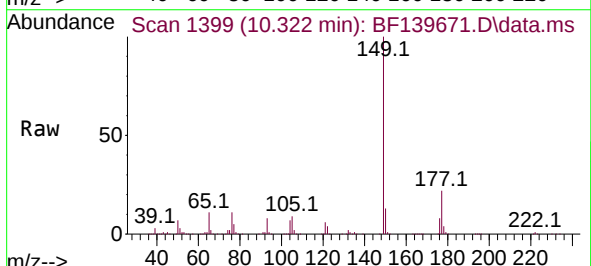
Manual Integrations
APPROVED

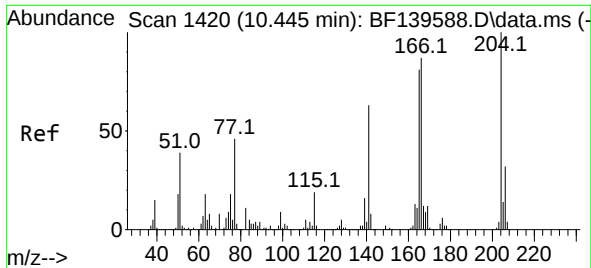
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#60
Diethylphthalate
Concen: 47.402 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

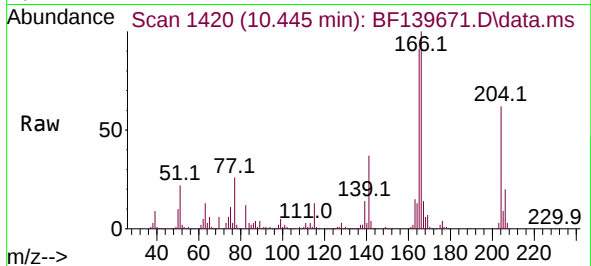
Tgt Ion:149 Resp: 493369
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.179 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

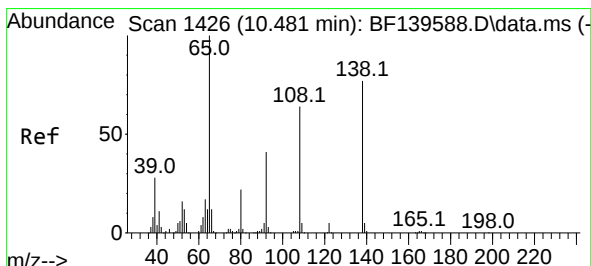
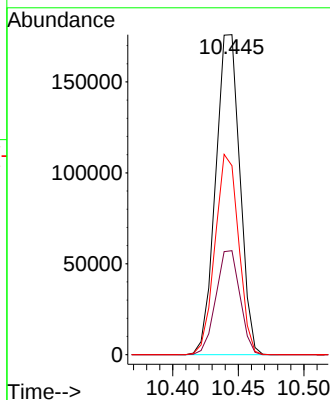
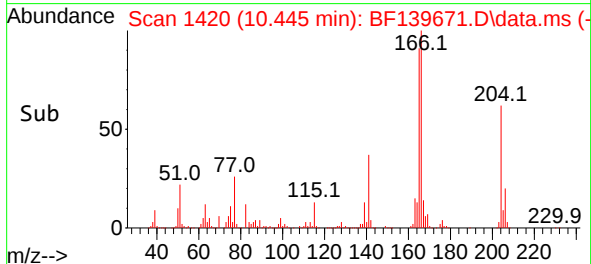
Instrument :
BNA_F
ClientSampleId :
TP4MS



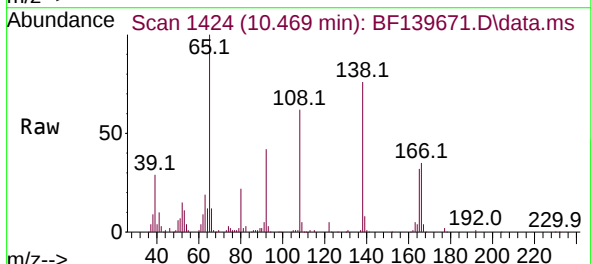
Tgt Ion:204 Resp: 22586
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 59.0 50.5 75.7

Manual Integrations
APPROVED

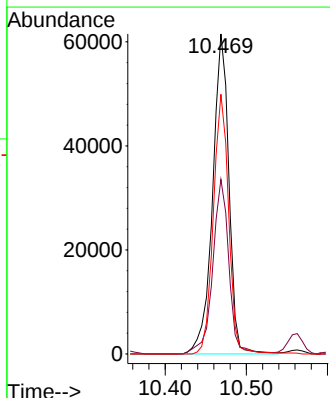
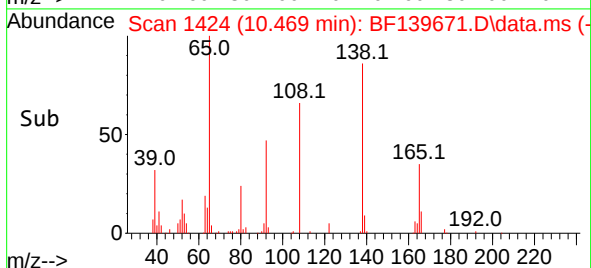
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

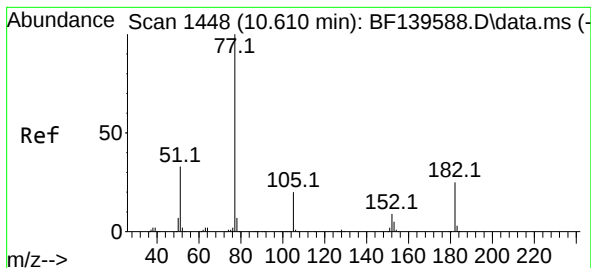


#62
4-Nitroaniline
Concen: 36.065 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:138 Resp: 85812
Ion Ratio Lower Upper
138 100
92 54.6 33.3 73.3
108 81.2 62.1 102.1





#63

Azobenzene

Concen: 45.418 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion: 77 Resp: 47539

Ion Ratio Lower Upper

77 100

182 24.8 4.2 44.2

105 21.4 0.0 39.6

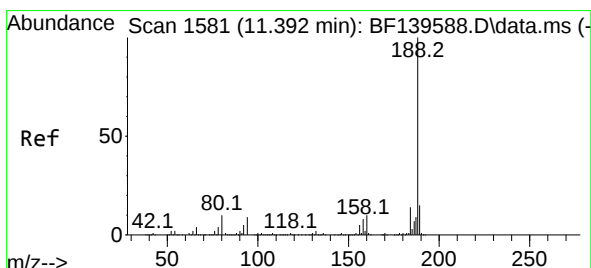
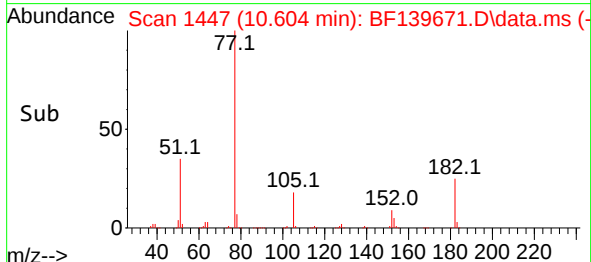
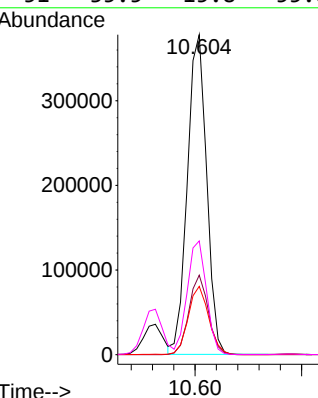
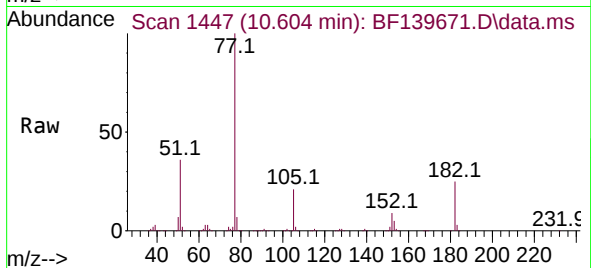
51 35.5 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

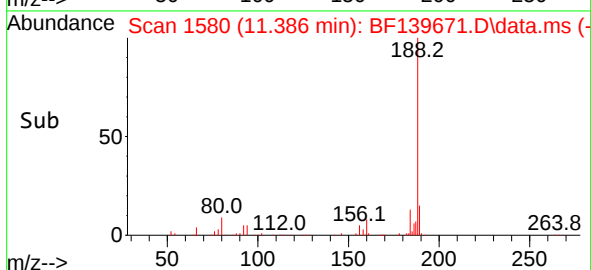
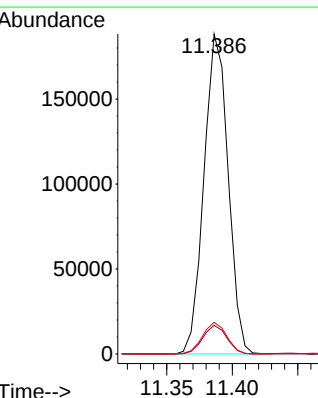
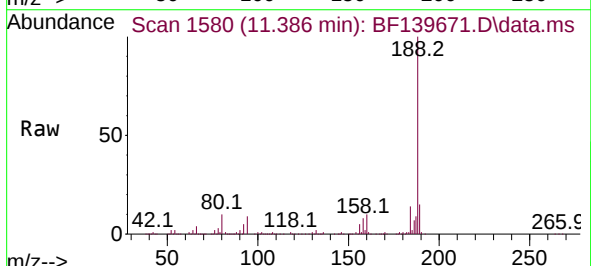
Tgt Ion:188 Resp: 240992

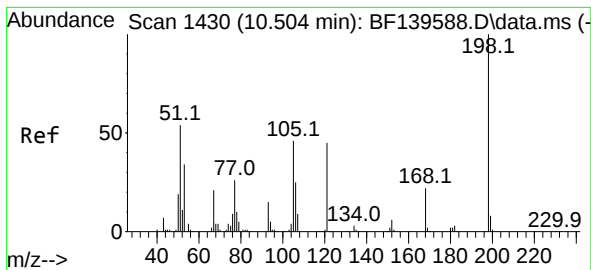
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.9 8.2 12.2





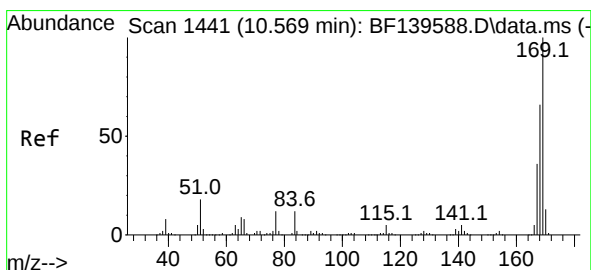
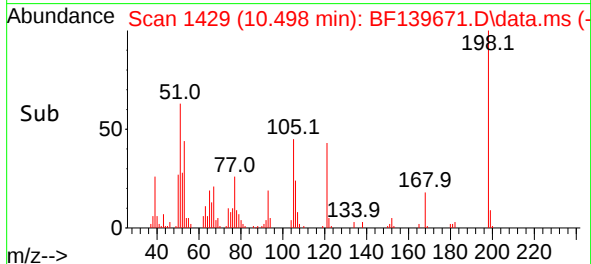
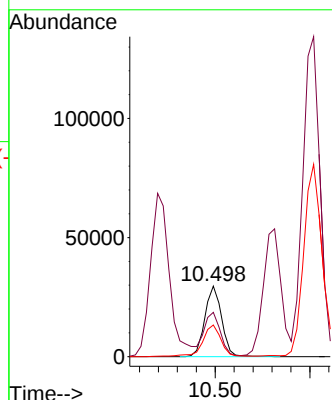
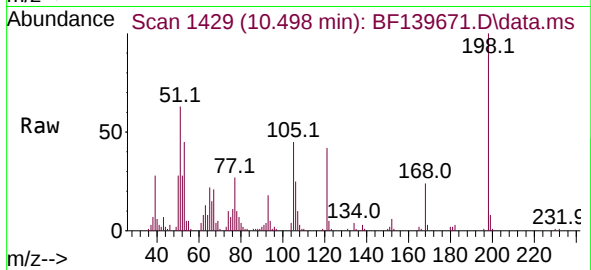
#65
4,6-Dinitro-2-methylphenol
Concen: 26.786 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:198 Resp: 36458
Ion Ratio Lower Upper
198 100
51 62.7 43.0 83.0
105 44.9 26.6 66.6

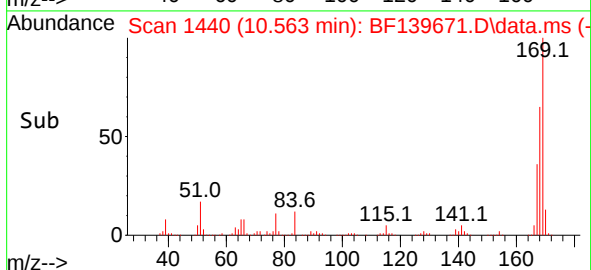
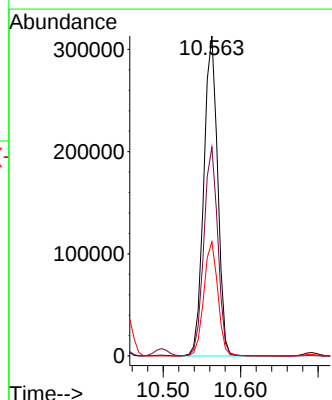
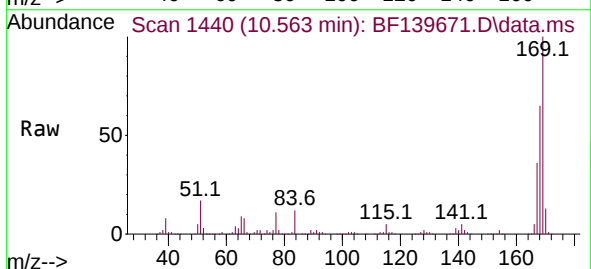
Manual Integrations
APPROVED

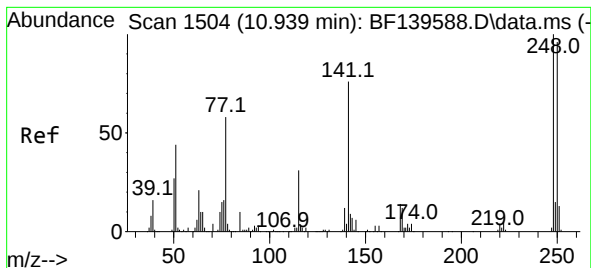
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 54.731 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion:169 Resp: 388788
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 35.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 51.080 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

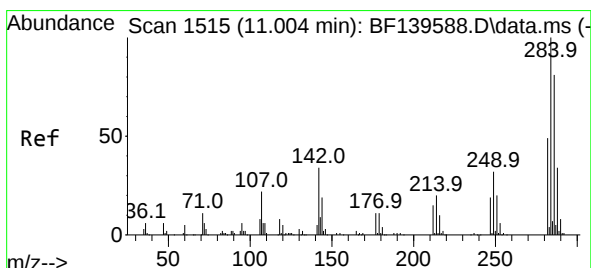
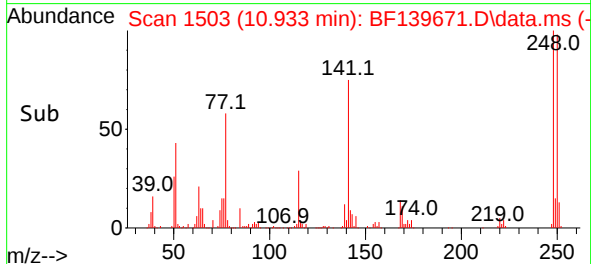
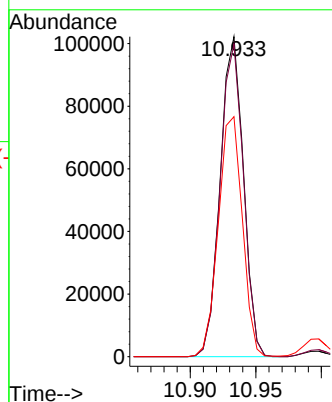
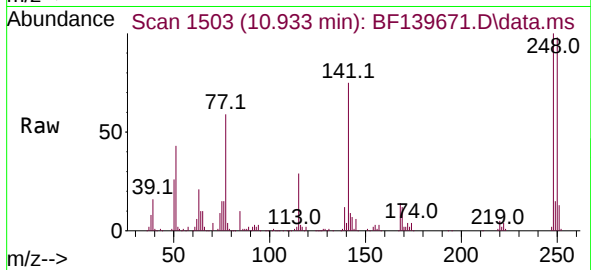
TP4MS

Tgt Ion:248 Resp: 12621
Ion Ratio Lower Upper
248 100
250 97.7 77.1 115.7
141 75.0 60.4 90.6

Manual Integrations

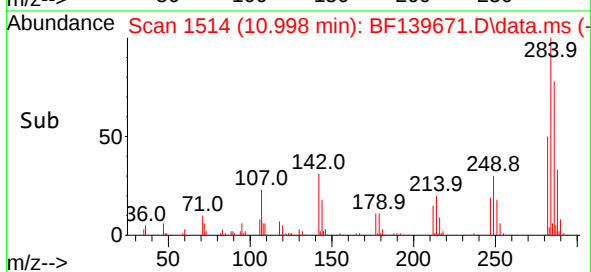
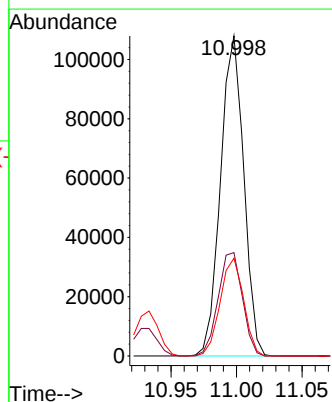
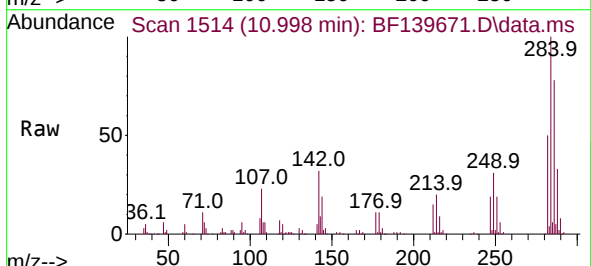
APPROVED

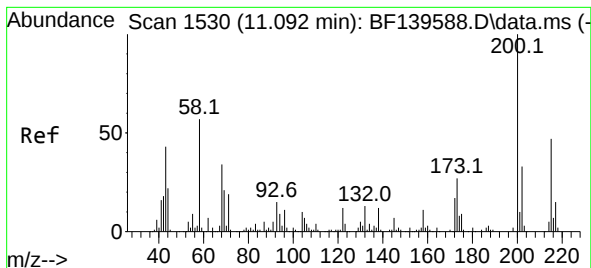
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#68
Hexachlorobenzene
Concen: 48.421 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Tgt Ion:284 Resp: 132762
Ion Ratio Lower Upper
284 100
142 32.3 26.9 40.3
249 30.6 25.4 38.0





#69

Atrazine

Concen: 61.643 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:200 Resp: 11748

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

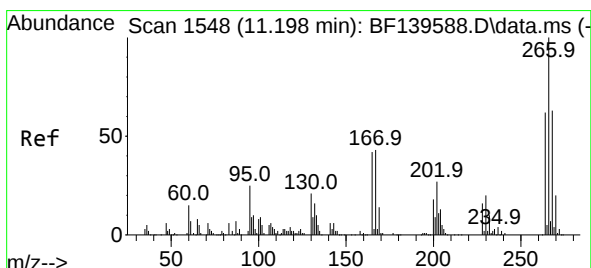
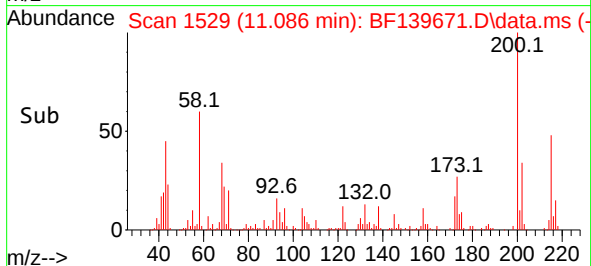
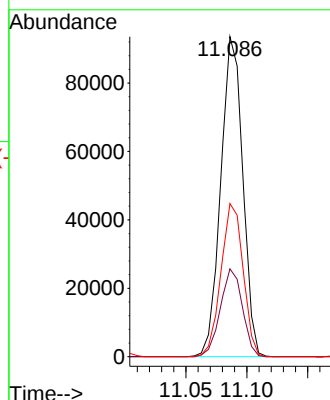
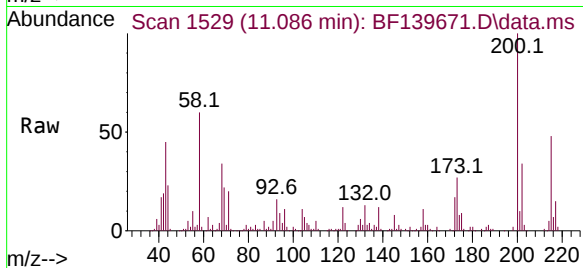
215 47.8 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#70

Pentachlorophenol

Concen: 88.125 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

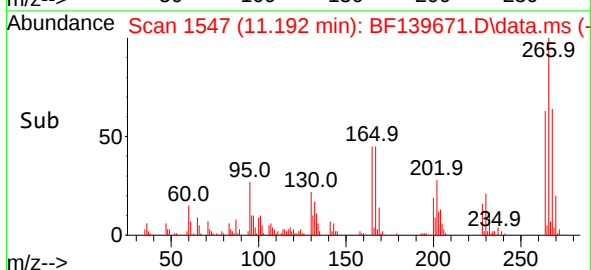
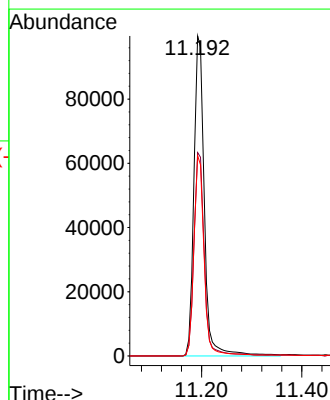
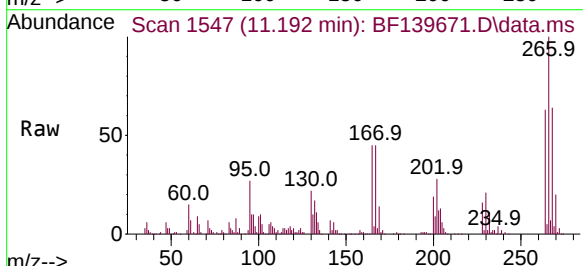
Tgt Ion:266 Resp: 143874

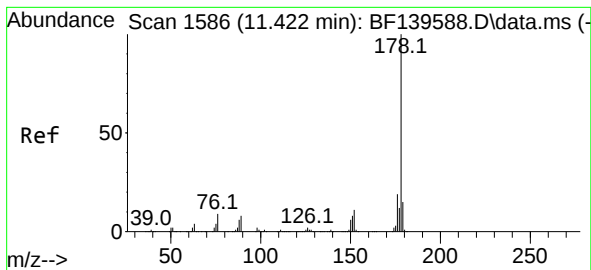
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 62.6 49.3 73.9





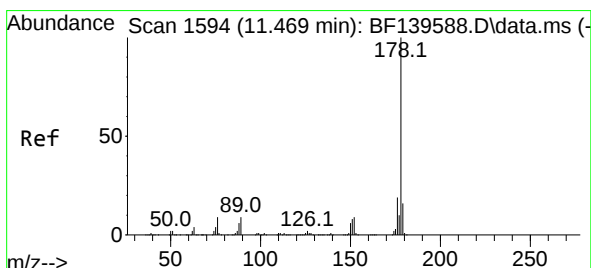
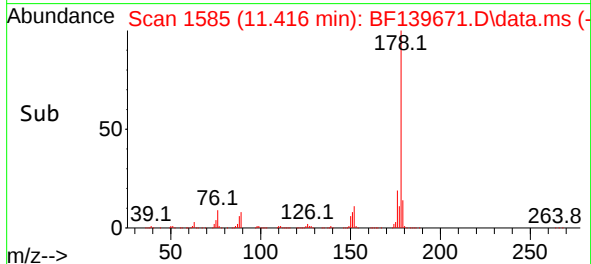
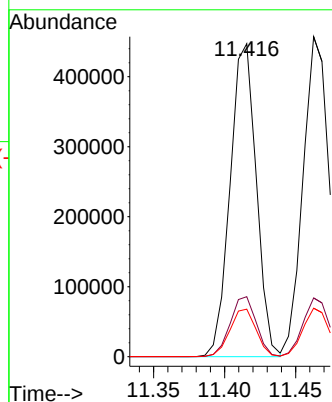
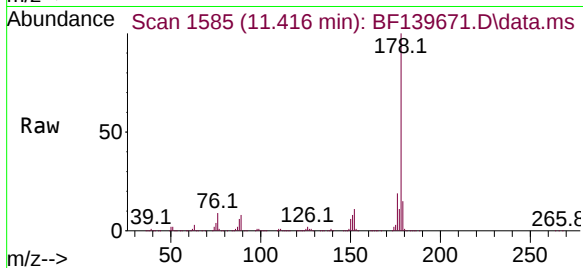
#71
Phenanthrene
Concen: 50.474 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :
BNA_F
ClientSampleId :
TP4MS

Tgt Ion:178 Resp: 573539
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.2 12.3 18.5

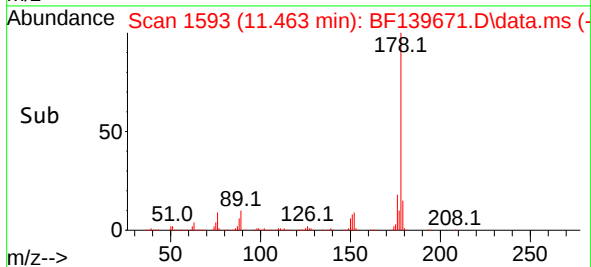
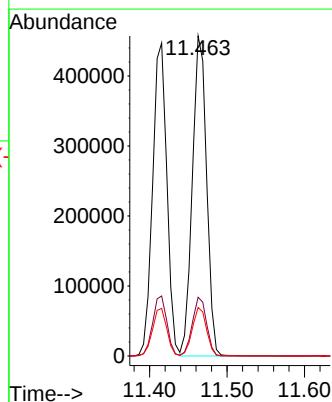
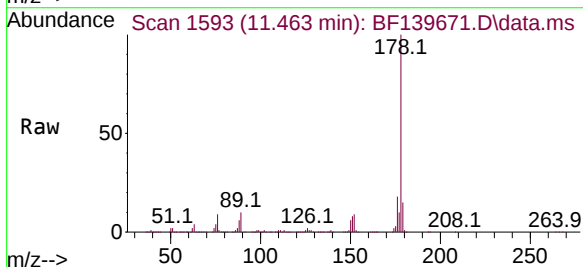
Manual Integrations
APPROVED

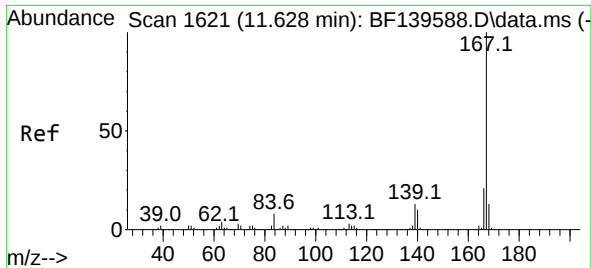
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024



#72
Anthracene
Concen: 51.820 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

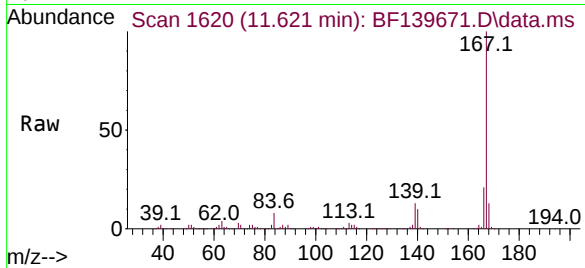
Tgt Ion:178 Resp: 582533
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.2 12.5 18.7





#73
Carbazole
Concen: 49.358 ng
RT: 11.621 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

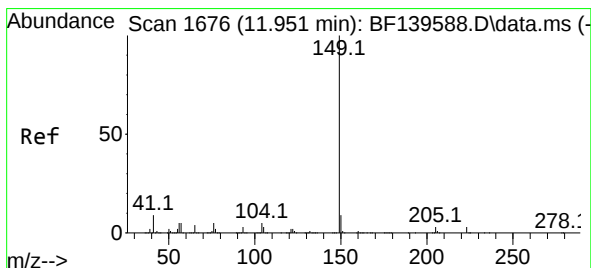
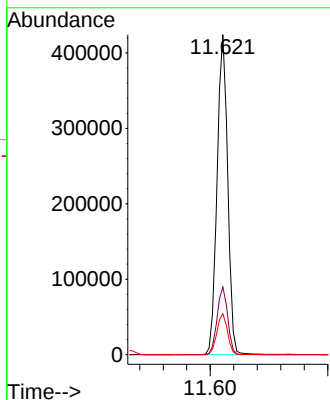
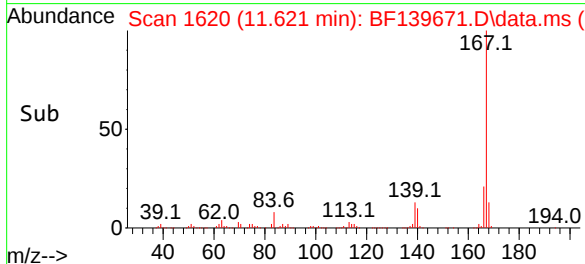
Instrument :
BNA_F
ClientSampleId :
TP4MS



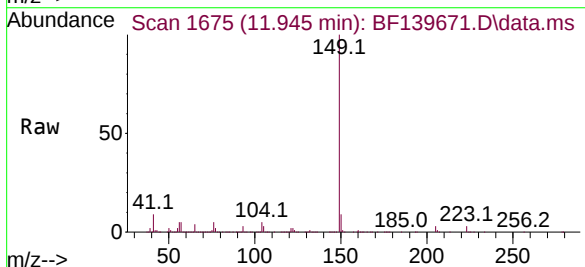
Tgt Ion:167 Resp: 532900
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 12.8 10.3 15.5

Manual Integrations
APPROVED

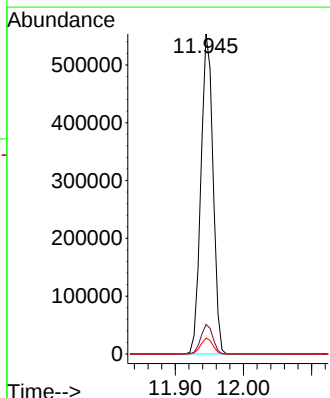
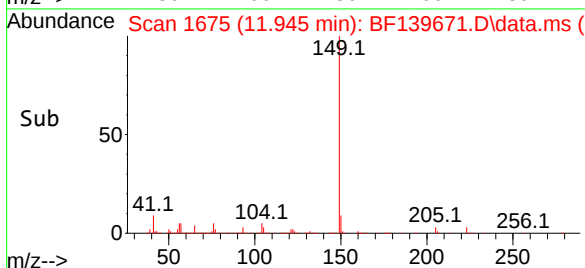
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

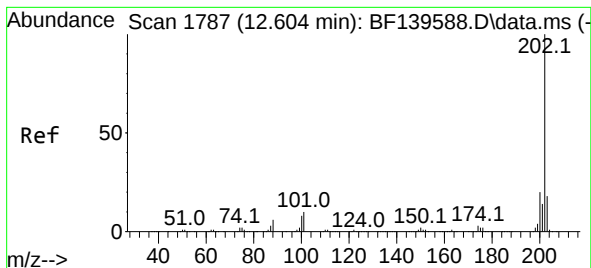


#74
Di-n-butylphthalate
Concen: 52.127 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:149 Resp: 684390
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 49.674 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

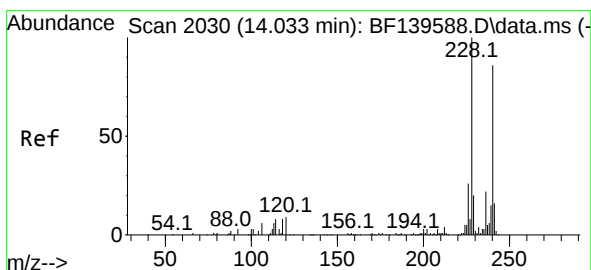
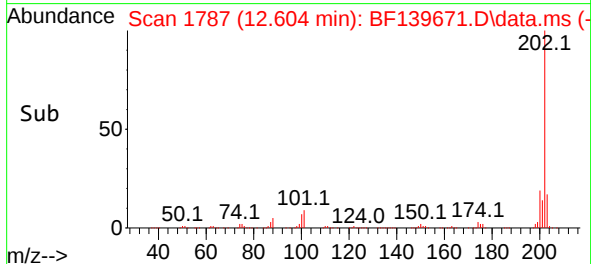
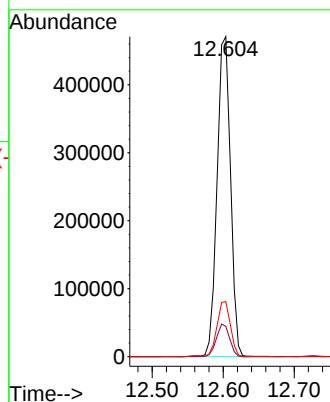
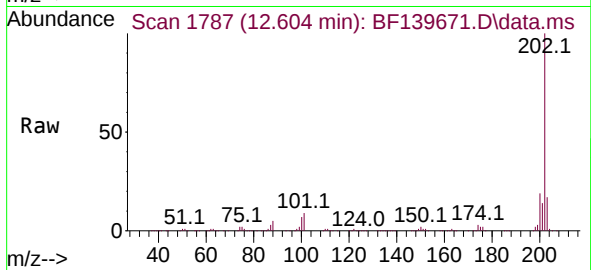
Tgt Ion:	202	Resp:	61702
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.2
203	17.2	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

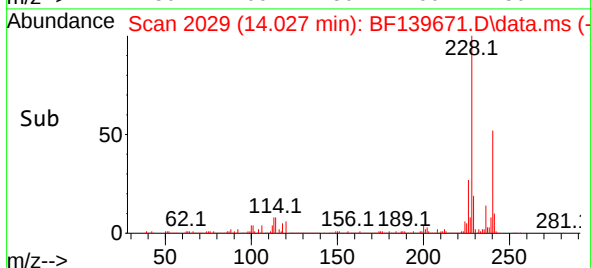
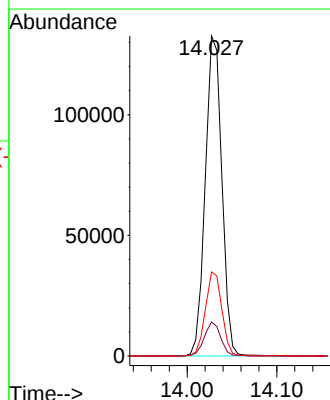
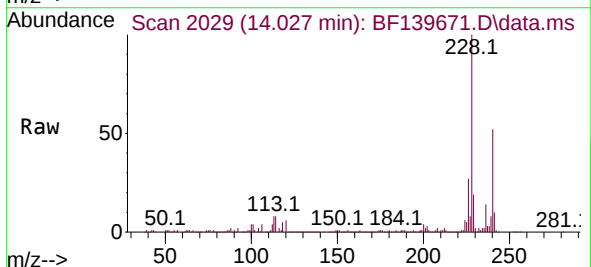
RT: 14.027 min Scan# 2029

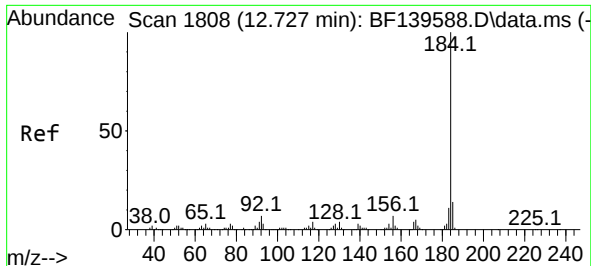
Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

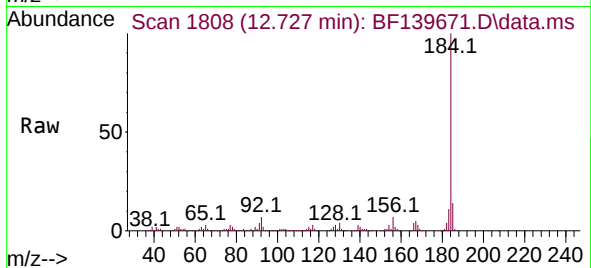
Tgt Ion:	240	Resp:	170279
Ion Ratio	Lower	Upper	
240	100		
120	10.7	8.4	12.6
236	26.2	20.3	30.5





#77
Benzidine
Concen: 89.987 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

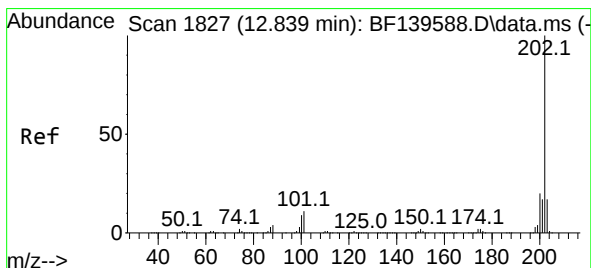
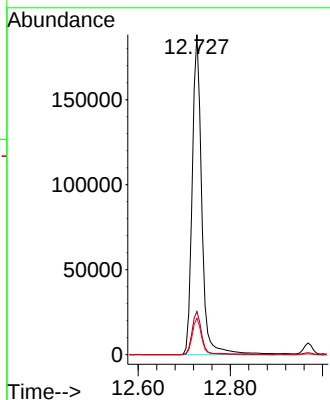
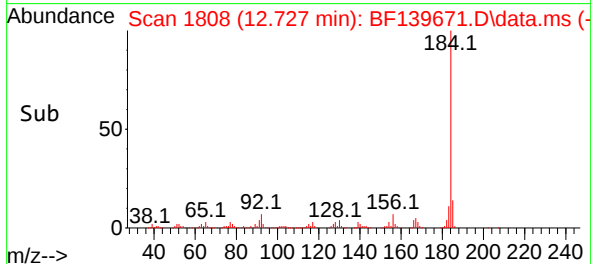
Instrument :
BNA_F
ClientSampleId :
TP4MS



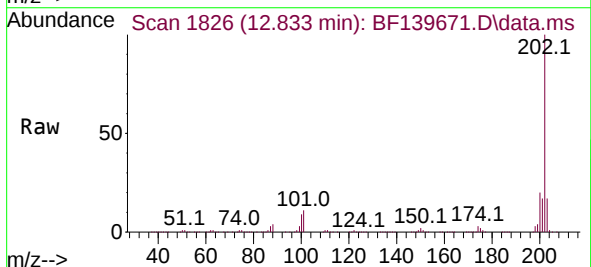
Tgt Ion:184 Resp: 27027
Ion Ratio Lower Upper
184 100
185 13.5 11.4 17.0
183 11.4 8.8 13.2

Manual Integrations
APPROVED

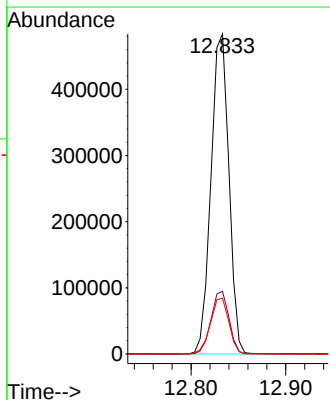
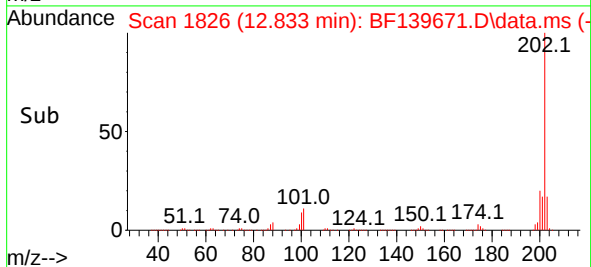
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

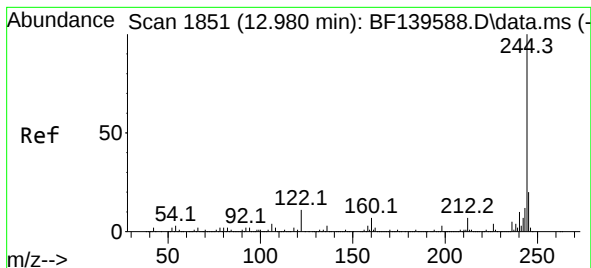


#78
Pyrene
Concen: 41.693 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:202 Resp: 634974
Ion Ratio Lower Upper
202 100
200 19.6 15.8 23.6
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 55.450 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:244 Resp: 575440

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

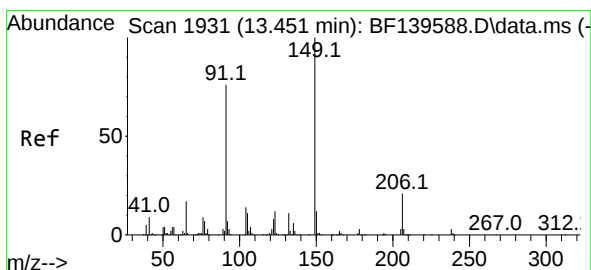
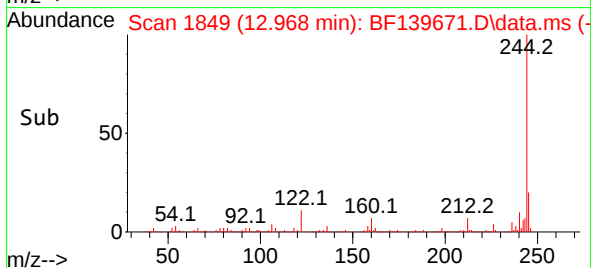
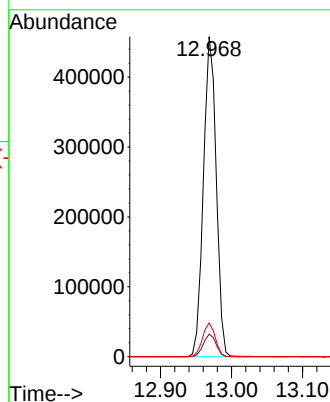
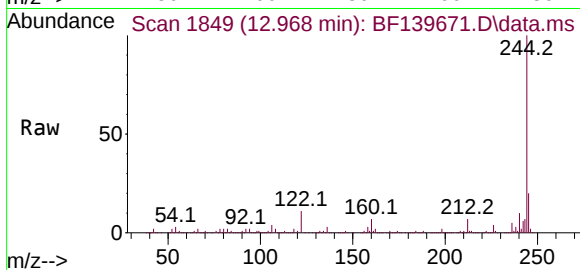
122 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#80

Butylbenzylphthalate

Concen: 49.202 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

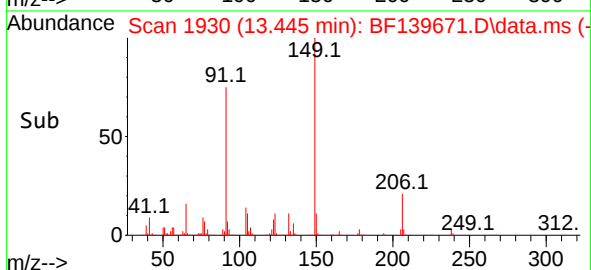
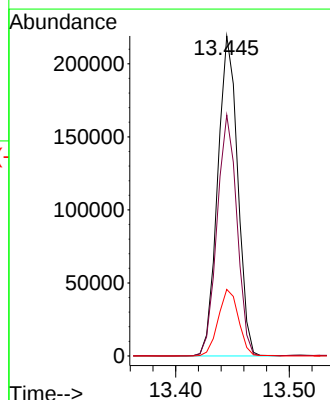
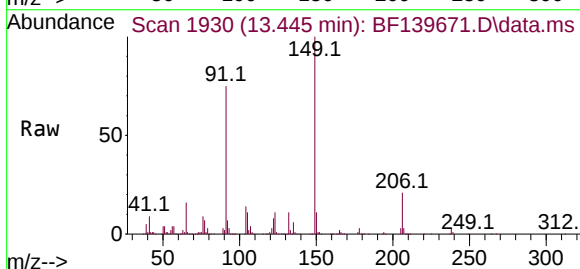
Tgt Ion:149 Resp: 268030

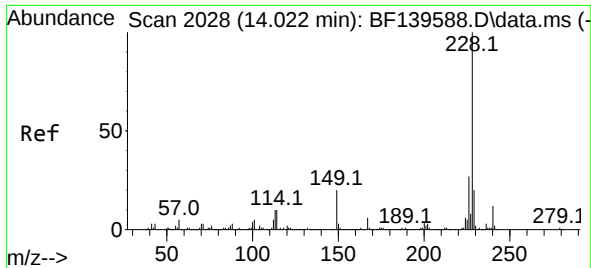
Ion Ratio Lower Upper

149 100

91 75.3 61.0 91.4

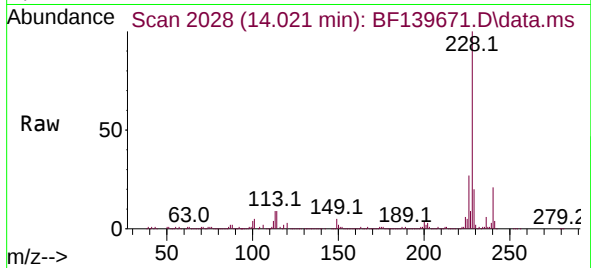
206 20.8 16.6 24.8





#81
Benzo(a)anthracene
Concen: 50.108 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

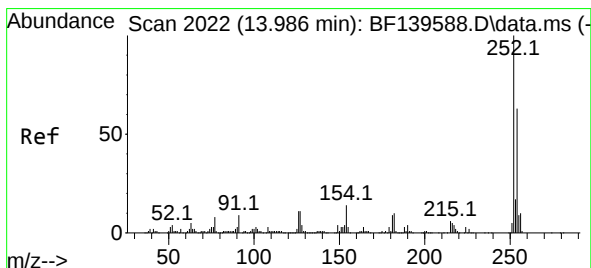
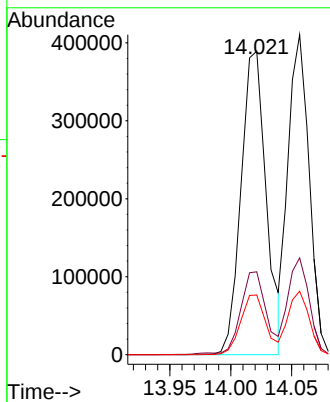
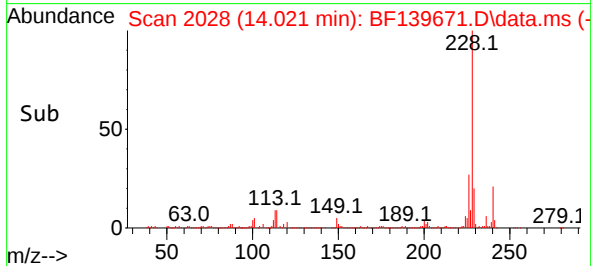
Instrument :
BNA_F
ClientSampleId :
TP4MS



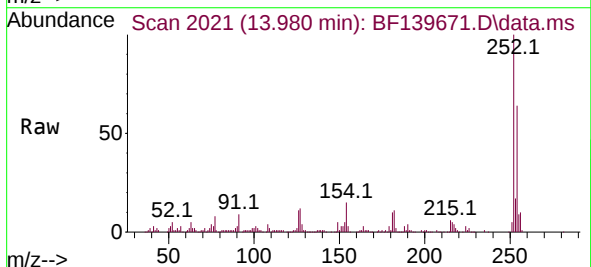
Tgt Ion:228 Resp: 560968
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.8

Manual Integrations
APPROVED

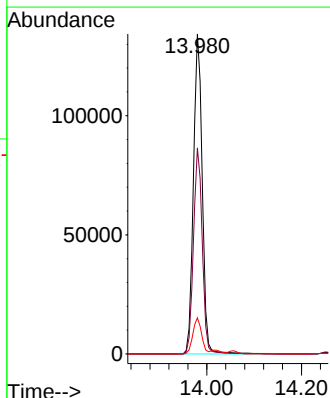
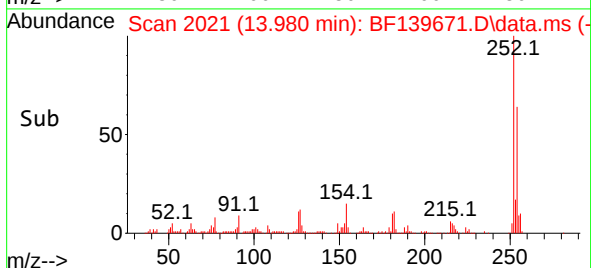
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

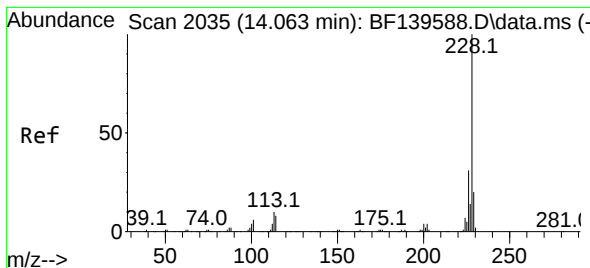


#82
3,3'-Dichlorobenzidine
Concen: 50.953 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:252 Resp: 174575
Ion Ratio Lower Upper
252 100
254 64.4 50.5 75.7
126 11.3 8.8 13.2





#83

Chrysene

Concen: 48.253 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:228 Resp: 49387

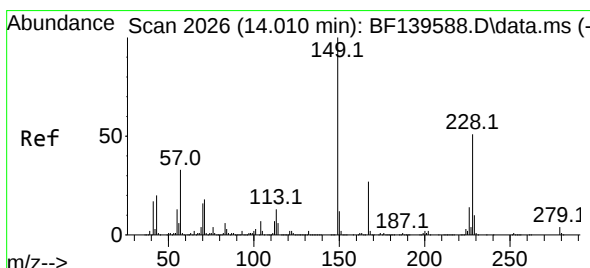
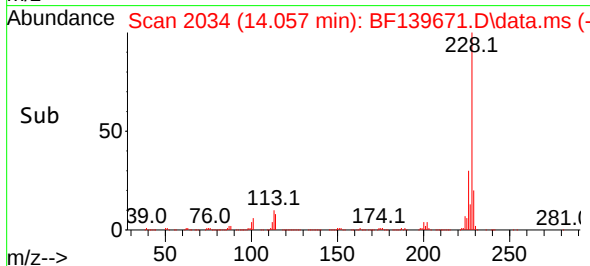
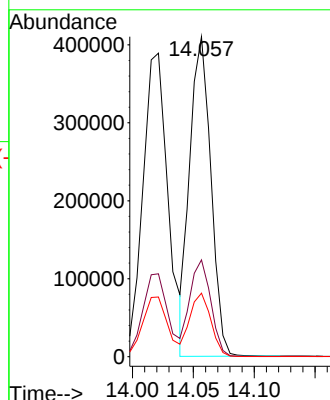
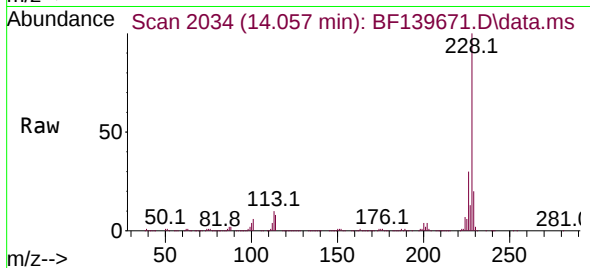
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.380 ng

RT: 14.004 min Scan# 2025

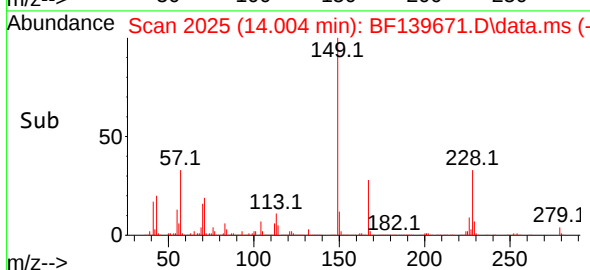
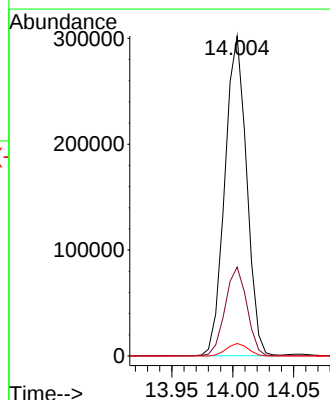
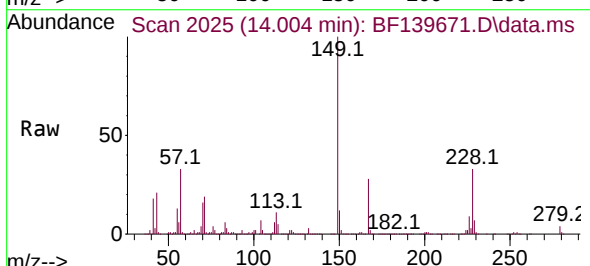
Delta R.T. -0.006 min

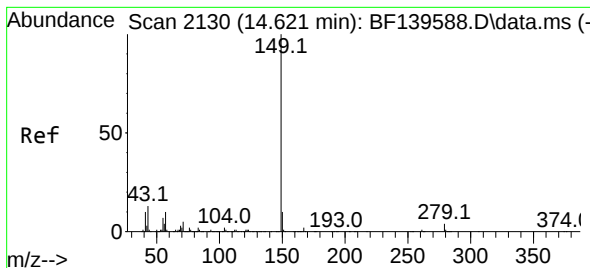
Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Tgt Ion:149 Resp: 376710

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.7	32.5
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 62.922 ng

RT: 14.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:149 Resp: 628804

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

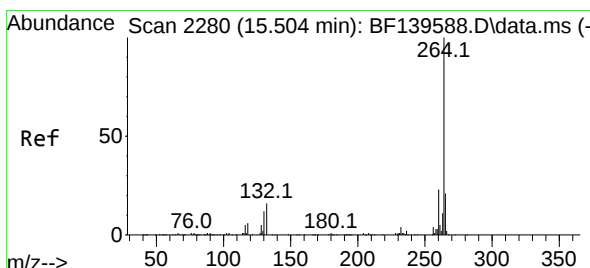
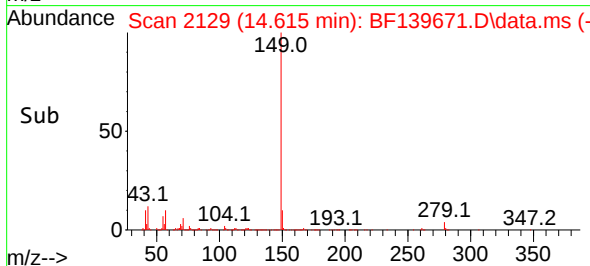
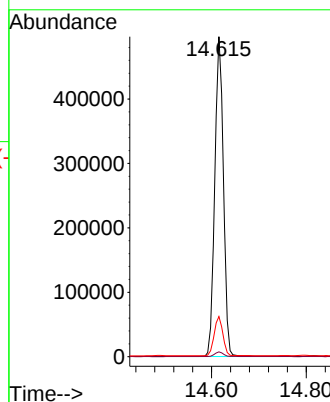
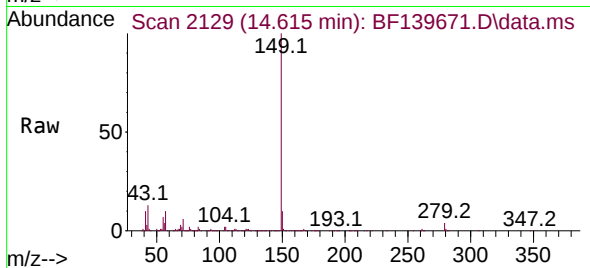
43 12.4 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

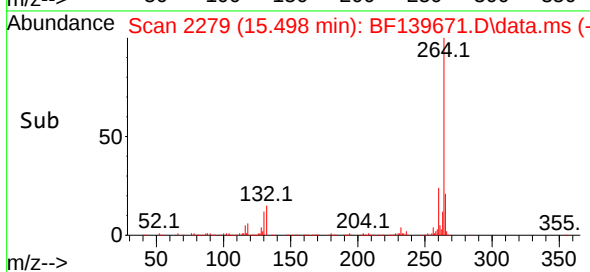
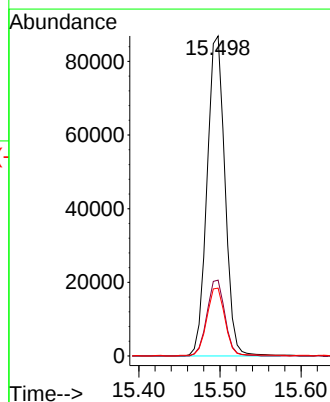
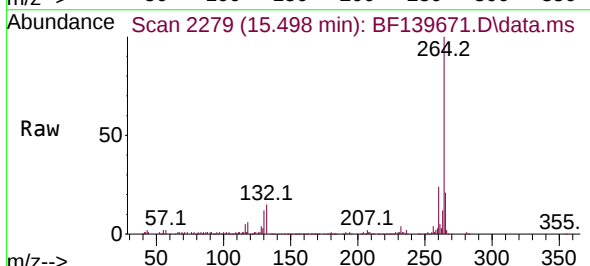
Tgt Ion:264 Resp: 132793

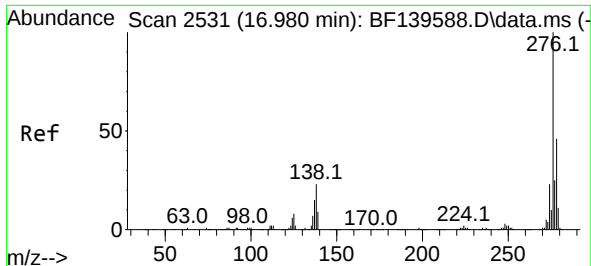
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

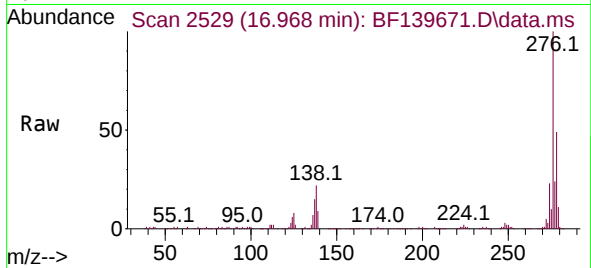
265 21.2 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.160 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

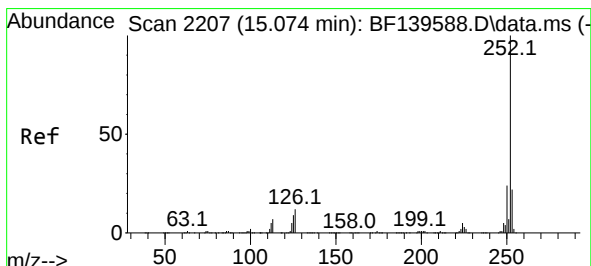
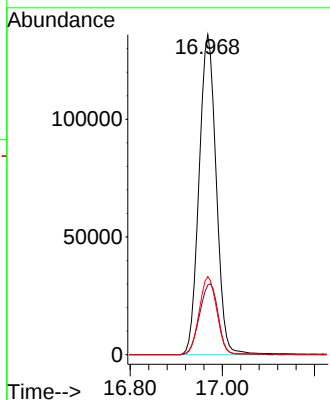
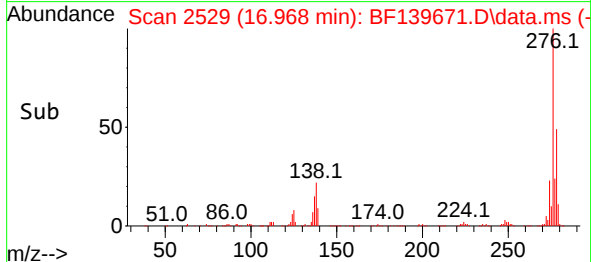
Instrument :
BNA_F
ClientSampleId :
TP4MS



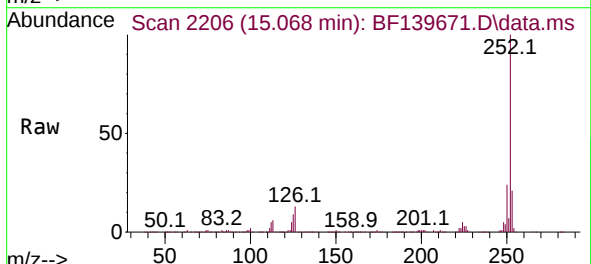
Tgt Ion:276 Resp: 352970
Ion Ratio Lower Upper
276 100
138 23.8 19.4 29.0
277 25.1 20.2 30.2

Manual Integrations
APPROVED

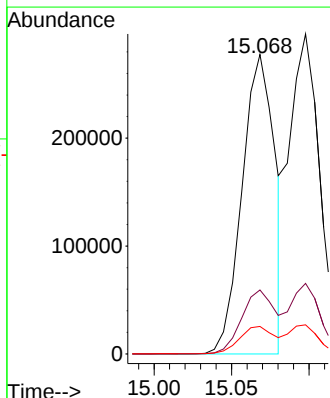
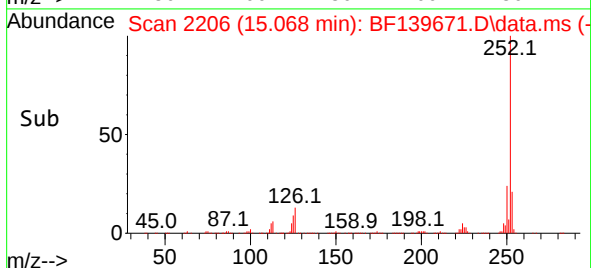
Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

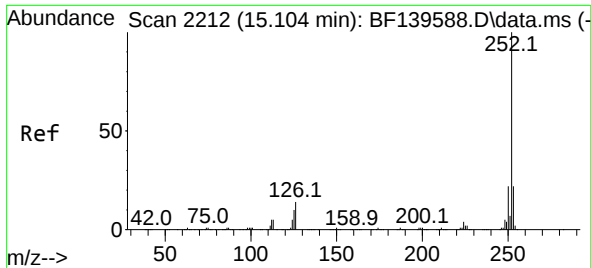


#88
Benzo(b)fluoranthene
Concen: 47.512 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:252 Resp: 407946
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 54.465 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

Tgt Ion:252 Resp: 396692

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

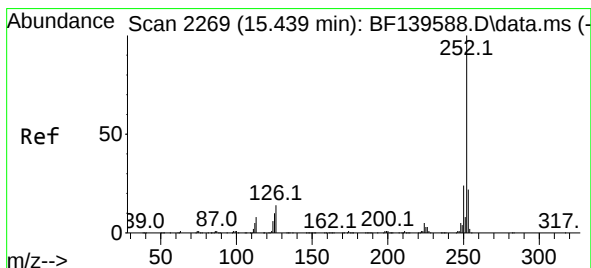
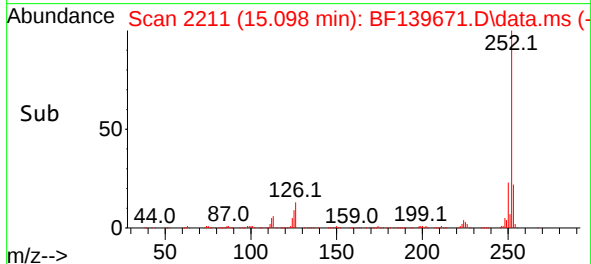
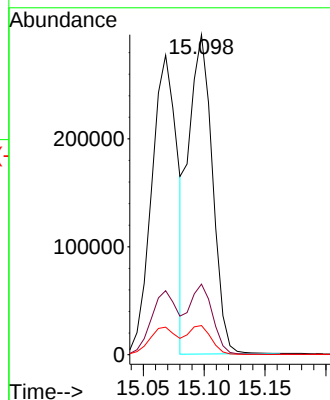
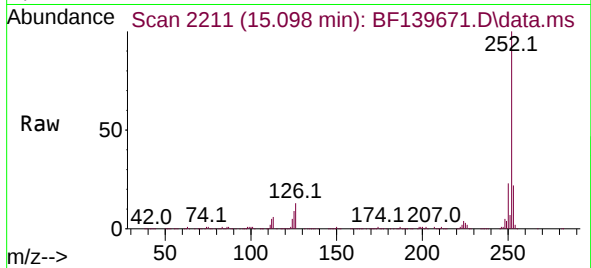
125 9.1 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/07/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 52.456 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139671.D

Acq: 04 Oct 2024 21:41

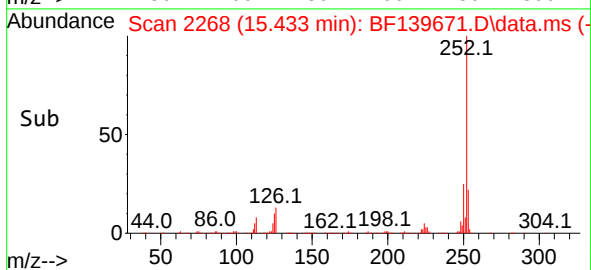
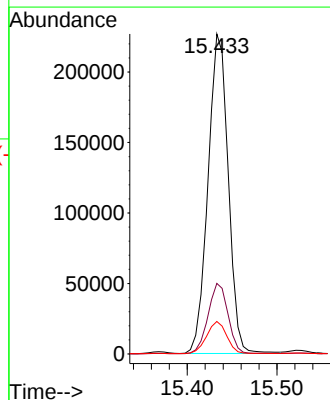
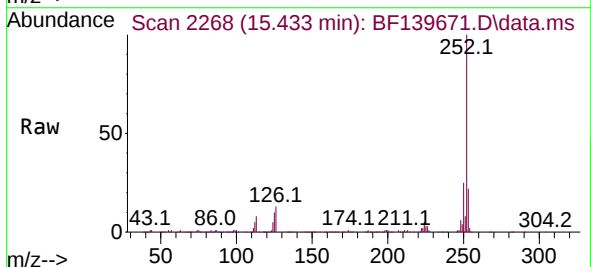
Tgt Ion:252 Resp: 355136

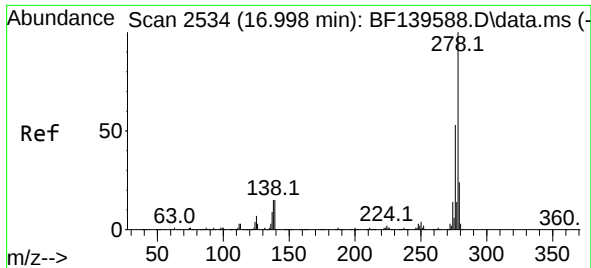
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.1 8.3 12.5





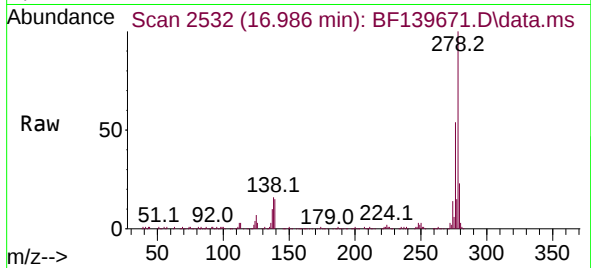
#91
Dibenzo(a,h)anthracene
Concen: 44.893 ng
RT: 16.986 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41

Instrument :

BNA_F

ClientSampleId :

TP4MS

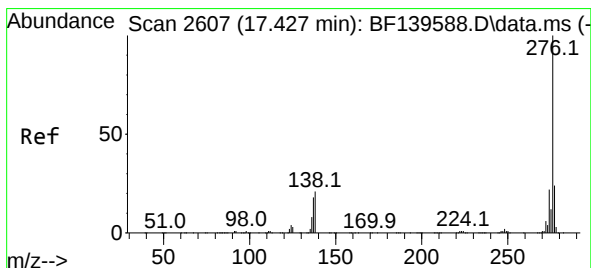
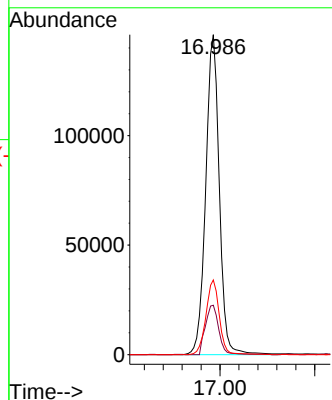
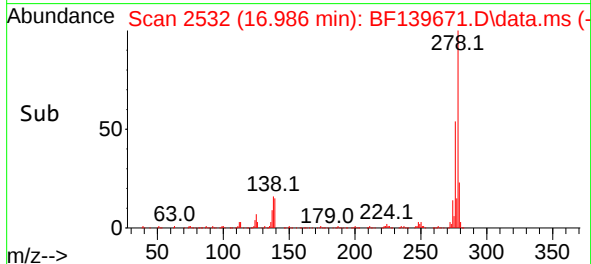


Tgt Ion:278 Resp: 29102
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.4 19.2 28.8

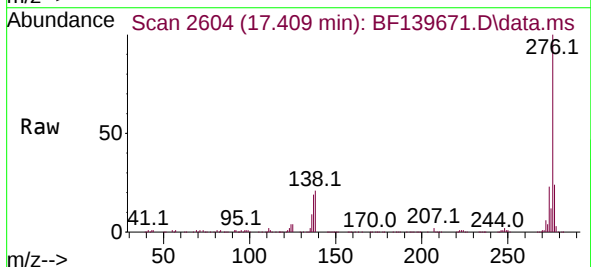
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.910 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF139671.D
Acq: 04 Oct 2024 21:41



Tgt Ion:276 Resp: 259474
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.2 17.0 25.6

