

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140188.D
 Acq On : 31 Oct 2024 14:48
 Operator : RC/JU
 Sample : P4611-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Oct 31 15:45:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	98195	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	382461	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	224254	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	391246	20.000	ng	0.00
76) Chrysene-d12	14.086	240	204523	20.000	ng	0.04
86) Perylene-d12	15.615	264	196729	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	839228	133.795	ng	0.02
7) Phenol-d6	6.516	99	1030031	126.791	ng	0.00
23) Nitrobenzene-d5	7.445	82	802437	116.284	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	372381	177.527	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1461139	107.682	ng	0.00
79) Terphenyl-d14	13.016	244	1448971	115.443	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	93756	32.058	ng	# 82
3) Pyridine	3.528	79	219320	30.255	ng	98
4) n-Nitrosodimethylamine	3.463	42	160920	41.318	ng	# 97
6) Aniline	6.551	93	212602	28.080	ng	100
8) 2-Chlorophenol	6.669	128	317609	49.531	ng	99
9) Benzaldehyde	6.434	77	34442	7.536	ng	98
10) Phenol	6.528	94	360733m	43.071	ng	
11) bis(2-Chloroethyl)ether	6.622	93	302008	46.653	ng	99
12) 1,3-Dichlorobenzene	6.828	146	252296	34.275	ng	99
13) 1,4-Dichlorobenzene	6.904	146	258036	35.088	ng	100
14) 1,2-Dichlorobenzene	7.057	146	257024	37.448	ng	99
15) Benzyl Alcohol	7.022	79	323924	54.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	468846	42.475	ng	96
17) 2-Methylphenol	7.134	107	275382	50.364	ng	98
18) Hexachloroethane	7.398	117	89441	34.106	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	246383	50.006	ng	97
20) 3+4-Methylphenols	7.287	107	342815	49.017	ng	# 81
22) Acetophenone	7.292	105	452507	48.305	ng	97
24) Nitrobenzene	7.469	77	362597	47.925	ng	100
25) Isophorone	7.704	82	691574	52.802	ng	99
26) 2-Nitrophenol	7.781	139	172024	60.269	ng	98
27) 2,4-Dimethylphenol	7.816	122	285226	59.930	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	398989	50.280	ng	100
29) 2,4-Dichlorophenol	8.022	162	291612	53.793	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	257574	42.940	ng	99
31) Naphthalene	8.186	128	912182	46.245	ng	100
32) Benzoic acid	7.928	122	225606	54.349	ng	99
33) 4-Chloroaniline	8.234	127	109213	16.237	ng	99
34) Hexachlorobutadiene	8.304	225	154039	40.871	ng	100
35) Caprolactam	8.610	113	91055m	52.826	ng	
36) 4-Chloro-3-methylphenol	8.716	107	345806	57.609	ng	100
37) 2-Methylnaphthalene	8.881	142	632328	52.343	ng	100
38) 1-Methylnaphthalene	8.981	142	591495	49.906	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	300147	49.611	ng	99
41) Hexachlorocyclopentadiene	9.033	237	321218	152.589	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	240885	56.237	ng	98

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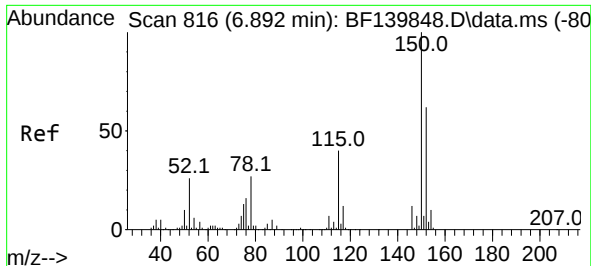
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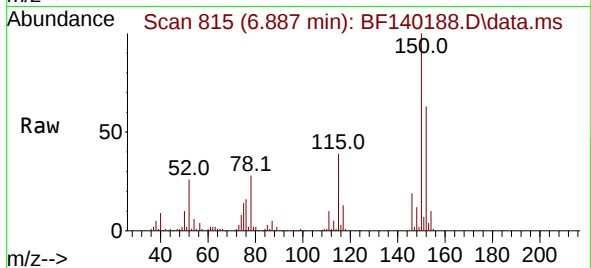
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	244603	55.349	ng	99
46) 1,1'-Biphenyl	9.345	154	806419	51.656	ng	99
47) 2-Chloronaphthalene	9.369	162	636628	50.632	ng	98
48) 2-Nitroaniline	9.469	65	244542	63.591	ng	96
49) Acenaphthylene	9.792	152	1025363	56.408	ng	99
50) Dimethylphthalate	9.651	163	815755	58.400	ng	100
51) 2,6-Dinitrotoluene	9.710	165	179238	59.264	ng	99
52) Acenaphthene	9.963	154	747988	63.610	ng	99
53) 3-Nitroaniline	9.880	138	125035	40.089	ng	97
54) 2,4-Dinitrophenol	9.992	184	221414	168.353	ng	# 1
55) Dibenzofuran	10.139	168	914959	54.231	ng	100
56) 4-Nitrophenol	10.045	139	273254	113.877	ng	98
57) 2,4-Dinitrotoluene	10.122	165	246639	66.314	ng	98
58) Fluorene	10.480	166	716348	55.746	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	204206	58.944	ng	99
60) Diethylphthalate	10.357	149	783653	57.139	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	359522	55.401	ng	98
62) 4-Nitroaniline	10.504	138	183502	62.295	ng	97
63) Azobenzene	10.633	77	782497	53.817	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	140768	88.207	ng	91
66) n-Nitrosodiphenylamine	10.592	169	672045	57.391	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	229770	57.007	ng	99
68) Hexachlorobenzene	11.033	284	252944	55.800	ng	97
69) Atrazine	11.122	200	220375	69.474	ng	99
70) Pentachlorophenol	11.227	266	314219	114.214	ng	100
71) Phenanthrene	11.451	178	1037608	56.145	ng	100
72) Anthracene	11.498	178	1049527	58.205	ng	99
73) Carbazole	11.651	167	908563	54.179	ng	99
74) Di-n-butylphthalate	11.986	149	1152620	59.491	ng	100
75) Fluoranthene	12.639	202	970190	51.930	ng	99
77) Benzidine	12.757	184	51780	15.397	ng	99
78) Pyrene	12.869	202	966952	54.012	ng	100
80) Butylbenzylphthalate	13.492	149	394680	73.535	ng	99
81) Benzo(a)anthracene	14.074	228	777135	58.371	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	181641	46.792	ng	99
83) Chrysene	14.116	228	699790	57.326	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	491278	81.584	ng	99
85) Di-n-octyl phthalate	14.715	149	776642	70.908	ng	97
87) Indeno(1,2,3-cd)pyrene	17.151	276	587551	46.424	ng	97
88) Benzo(b)fluoranthene	15.174	252	756624	63.137	ng	99
89) Benzo(k)fluoranthene	15.204	252	582653	56.376	ng	99
90) Benzo(a)pyrene	15.557	252	607559	61.614	ng	99
91) Dibenzo(a,h)anthracene	17.174	278	485077	45.944	ng	98
92) Benzo(g,h,i)perylene	17.615	276	422462	40.059	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

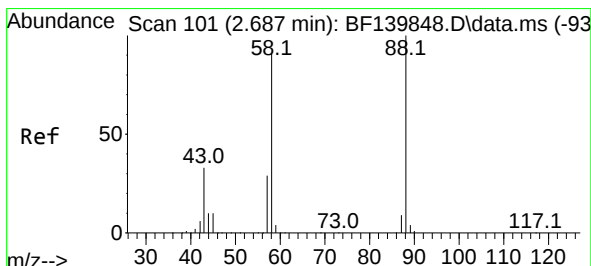
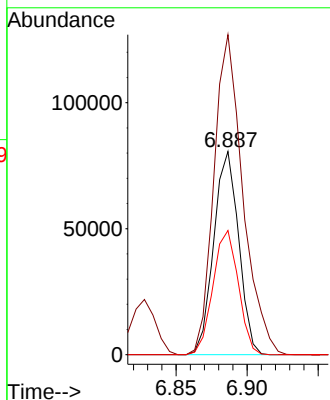
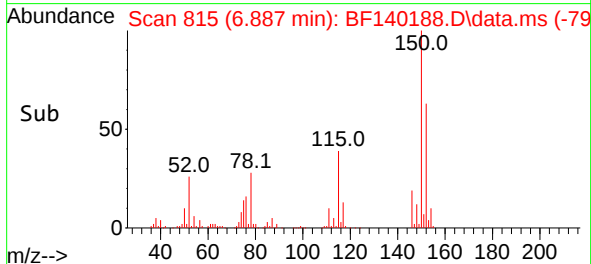
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:152 Resp: 9819
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 61.1 51.4 77.2

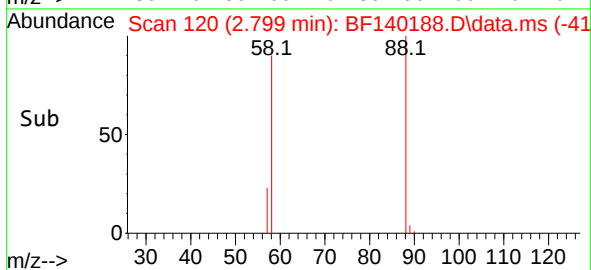
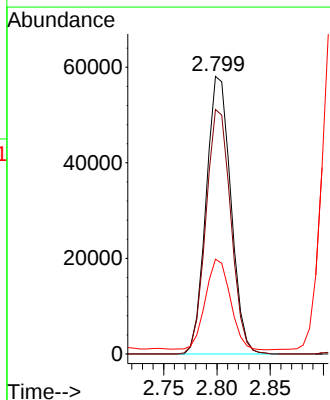
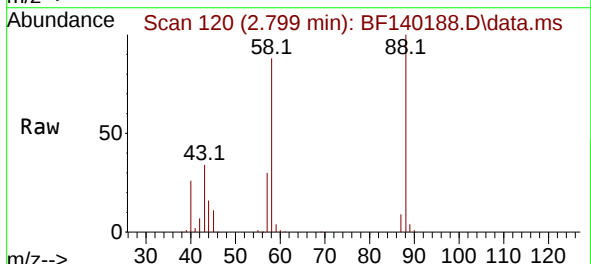
Manual Integrations
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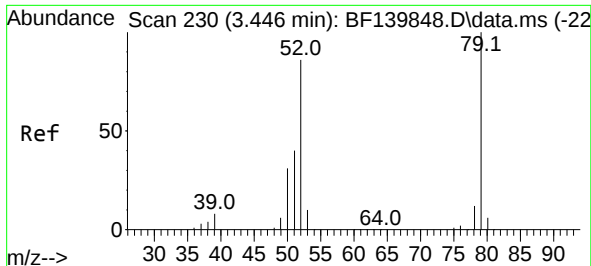
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#2
1,4-Dioxane
Concen: 32.058 ng
RT: 2.799 min Scan# 120
Delta R.T. 0.112 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

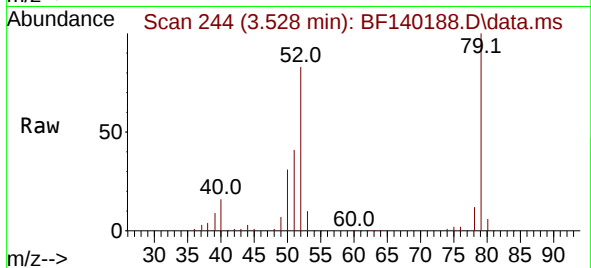
Tgt Ion: 88 Resp: 93756
Ion Ratio Lower Upper
88 100
58 88.7 73.3 109.9
43 0.0 27.1 40.7#





#3
Pyridine
Concen: 30.255 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.082 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

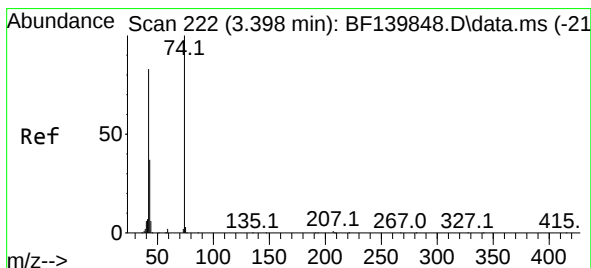
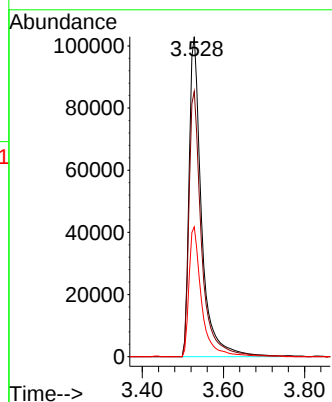
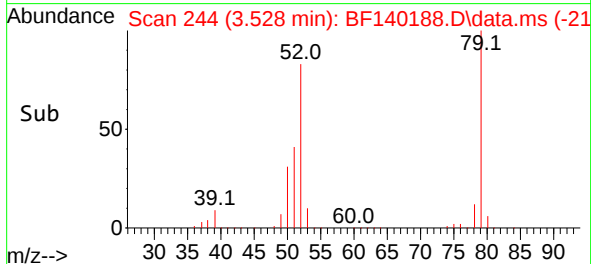
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 219320
Ion Ratio Lower Upper
79 100
52 82.9 68.5 102.7
51 40.5 32.3 48.5

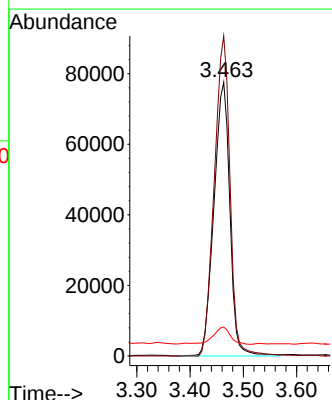
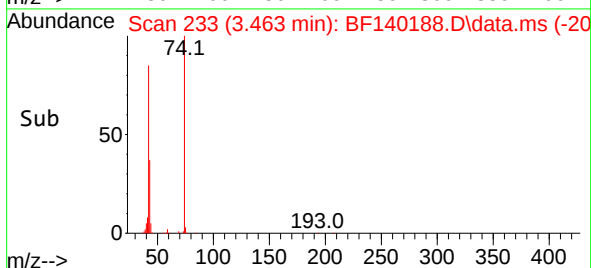
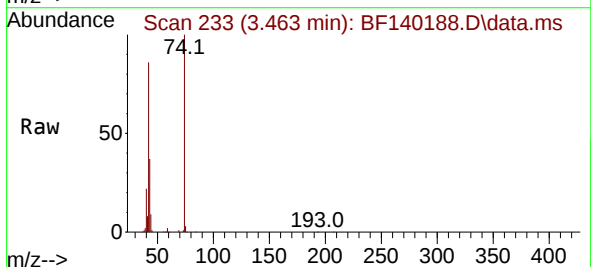
Manual Integrations
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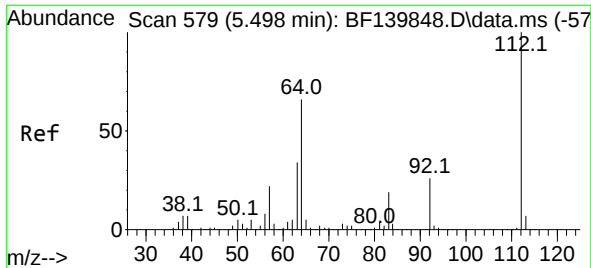
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#4
n-Nitrosodimethylamine
Concen: 41.318 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.065 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion: 42 Resp: 160920
Ion Ratio Lower Upper
42 100
74 116.9 96.2 144.4
44 10.6 6.2 9.2#





#5
 2-Fluorophenol
 Concen: 133.795 ng
 RT: 5.516 min Scan# 582
 Delta R.T. 0.018 min
 Lab File: BF140188.D
 Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

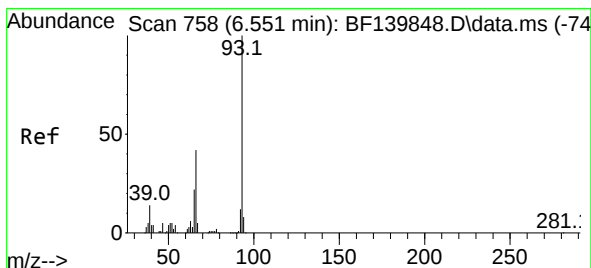
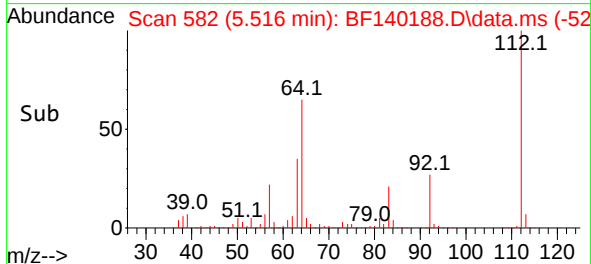
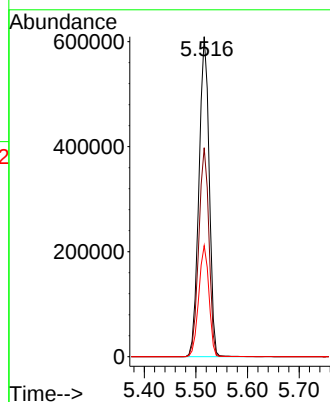
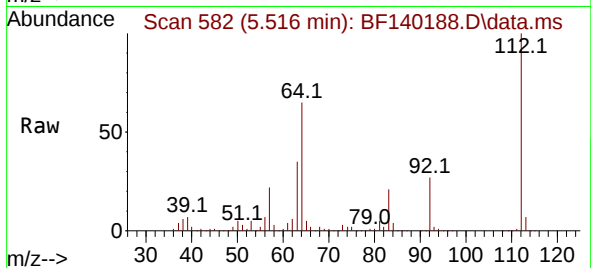
TP-1MS

Tgt Ion:112 Resp: 839228
 Ion Ratio Lower Upper
 112 100
 64 65.3 53.0 79.6
 63 34.7 27.0 40.4

Manual Integrations

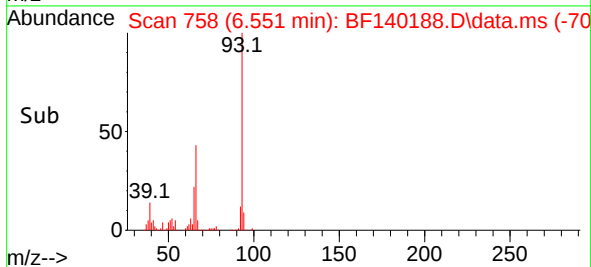
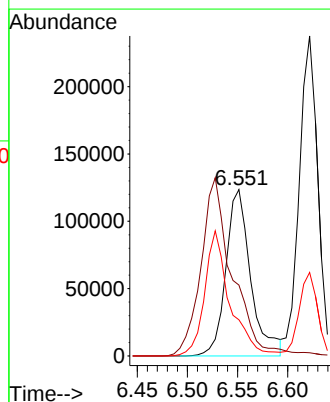
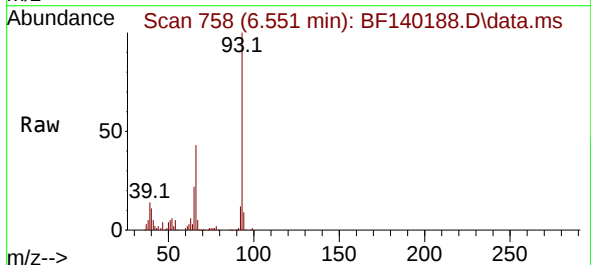
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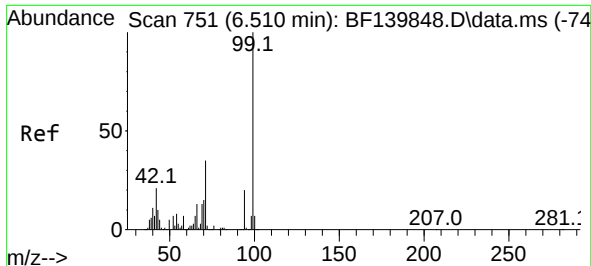
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024



#6
 Aniline
 Concen: 28.080 ng
 RT: 6.551 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: BF140188.D
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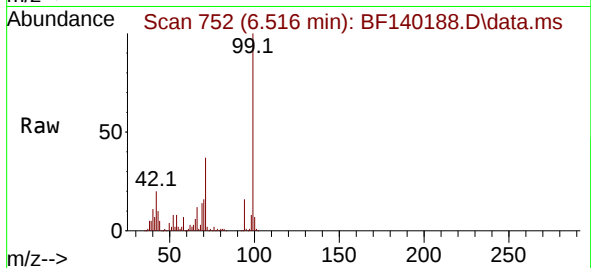
Tgt Ion: 93 Resp: 212602
 Ion Ratio Lower Upper
 93 100
 66 42.6 34.0 51.0
 65 21.7 17.4 26.0





#7
Phenol-d6
Concen: 126.791 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

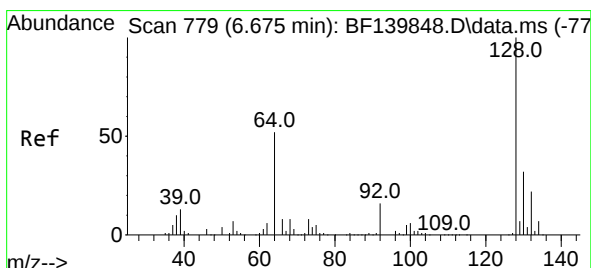
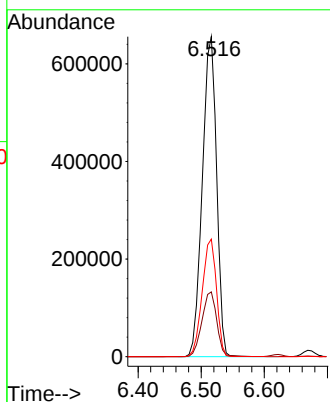
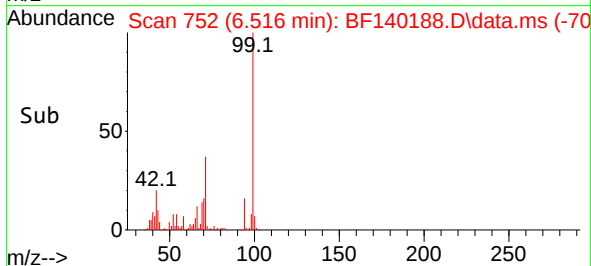
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 103003
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 36.8 27.7 41.5

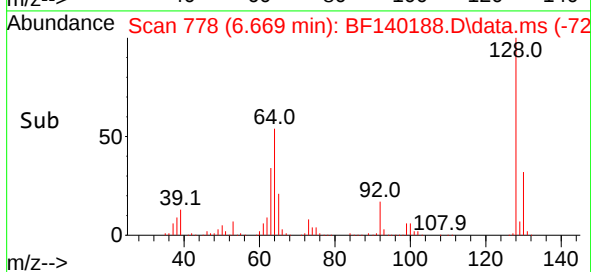
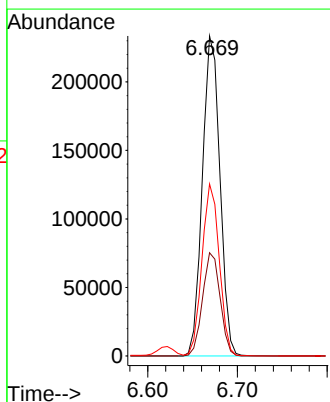
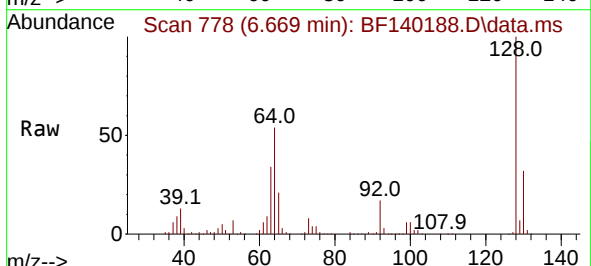
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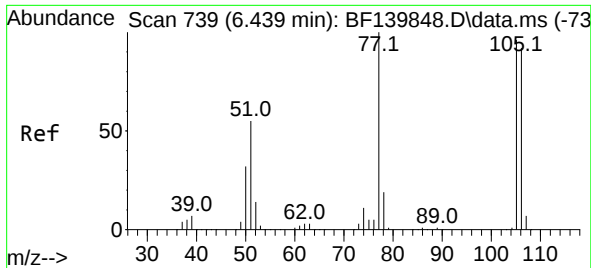
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 49.531 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:128 Resp: 317609
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 53.8 34.6 74.6





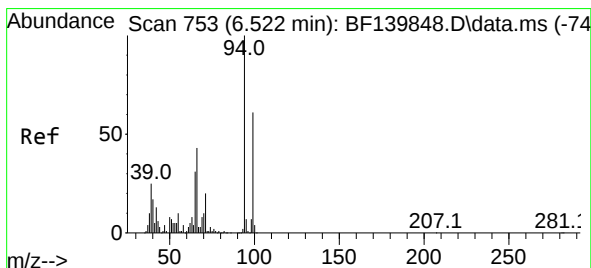
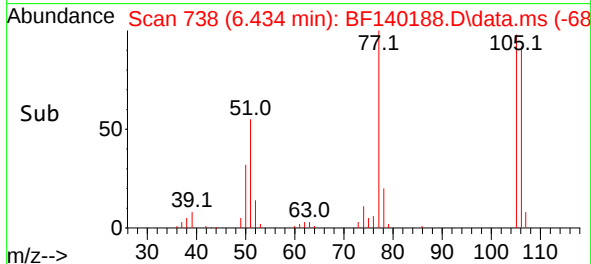
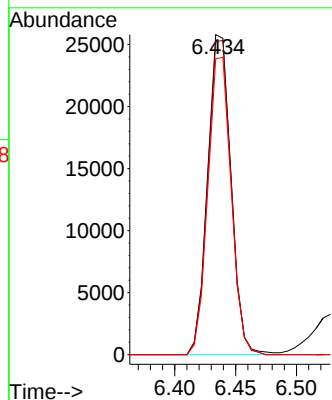
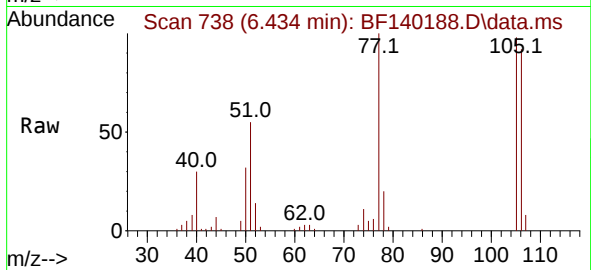
#9
Benzaldehyde
Concen: 7.536 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.005 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 3444
Ion Ratio Lower Upper
77 100
105 97.8 75.5 115.5
106 92.5 71.7 111.7

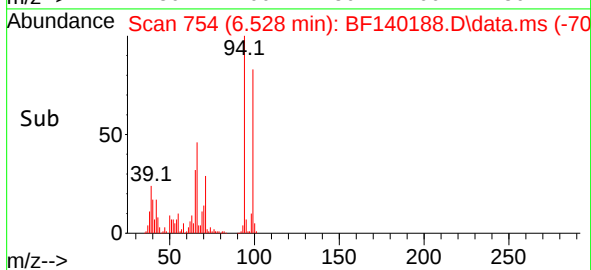
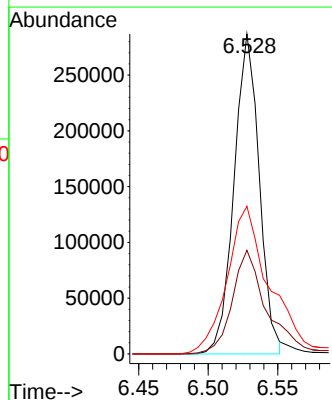
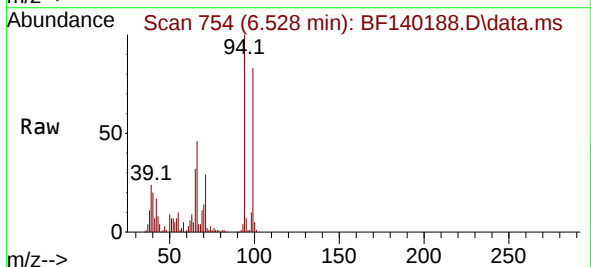
Manual Integrations
APPROVED

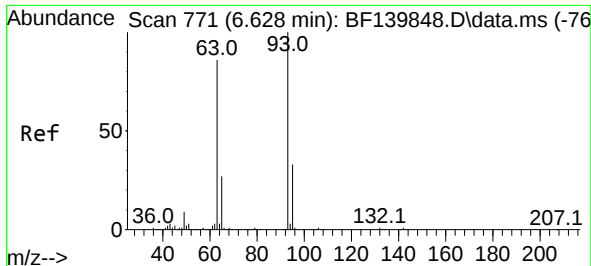
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 43.071 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

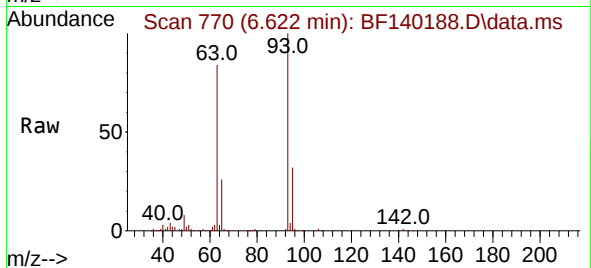
Tgt Ion: 94 Resp: 360733
Ion Ratio Lower Upper
94 100
65 32.4 11.1 51.1
66 46.1 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 46.653 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

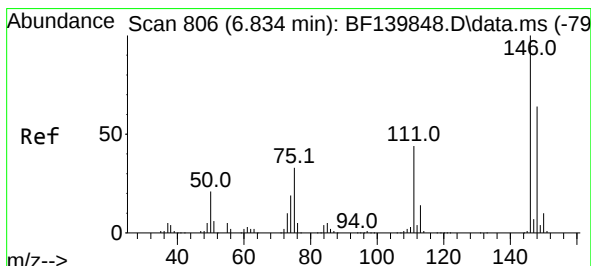
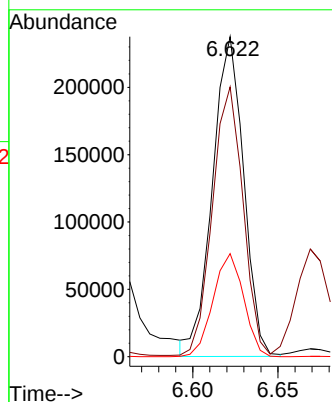
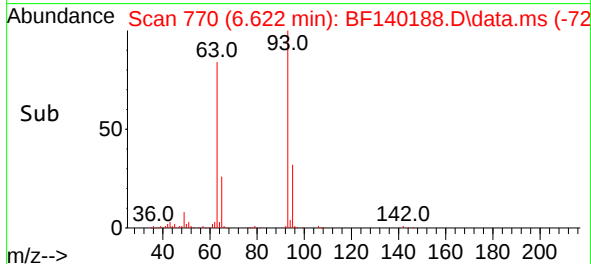
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 93 Resp: 302008
Ion Ratio Lower Upper
93 100
63 84.3 65.0 105.0
95 32.2 12.4 52.4

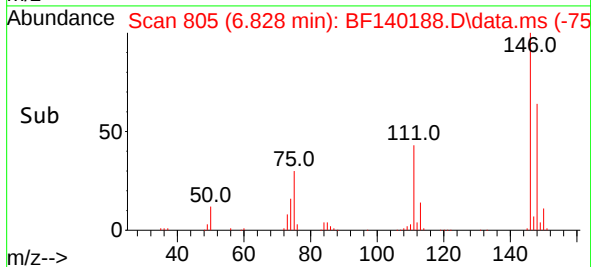
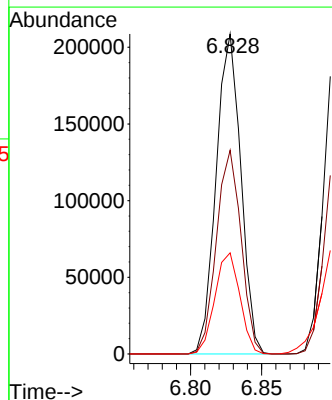
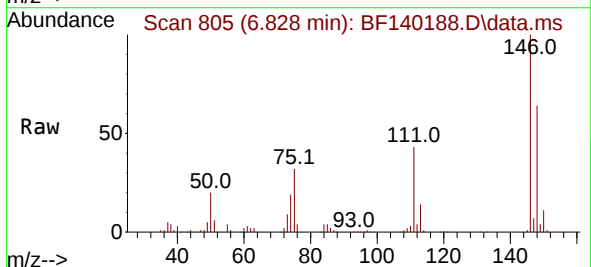
Manual Integrations
APPROVED

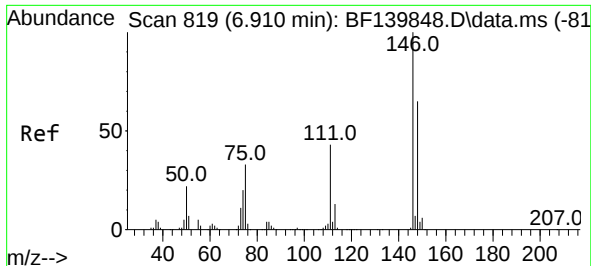
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 34.275 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:146 Resp: 252296
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 31.6 26.4 39.6





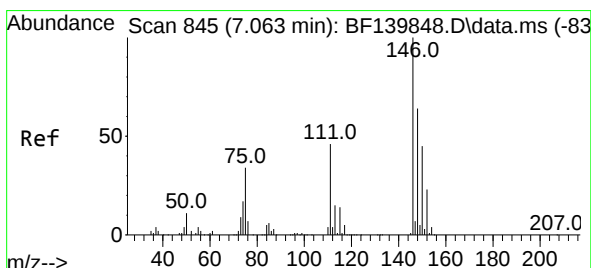
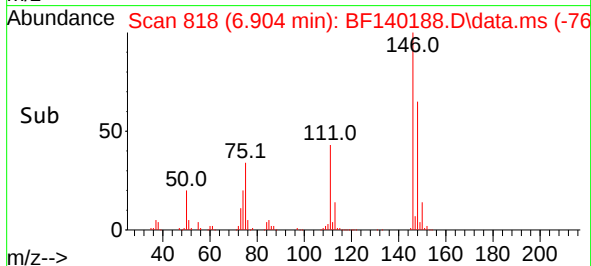
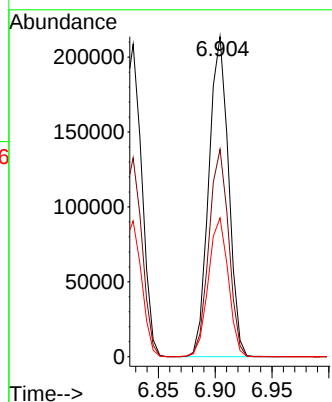
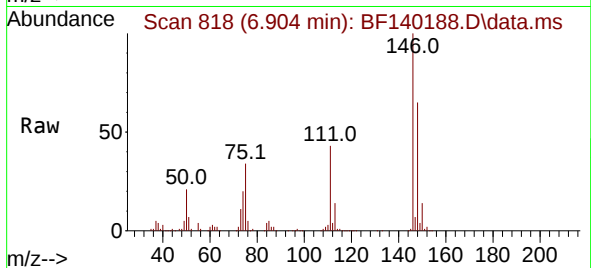
#13
1,4-Dichlorobenzene
Concen: 35.088 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:146 Resp: 258030
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 43.3 34.6 51.8

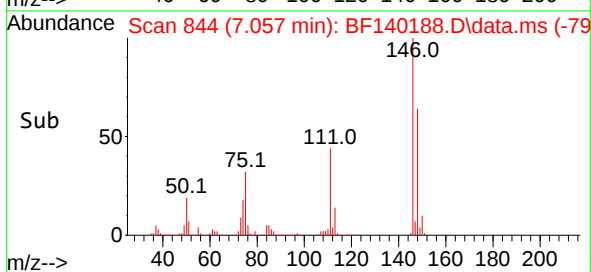
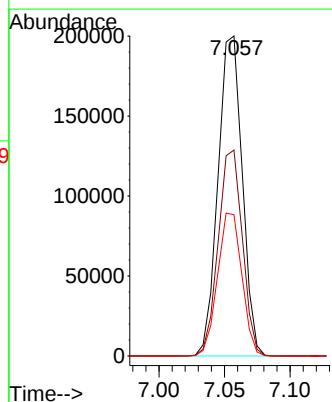
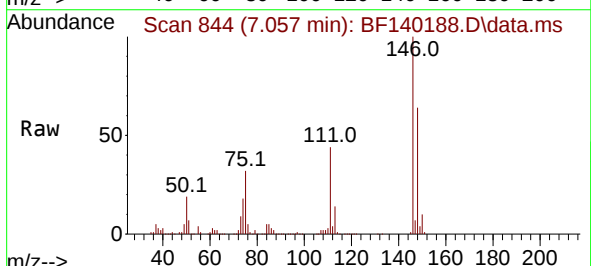
Manual Integrations
APPROVED

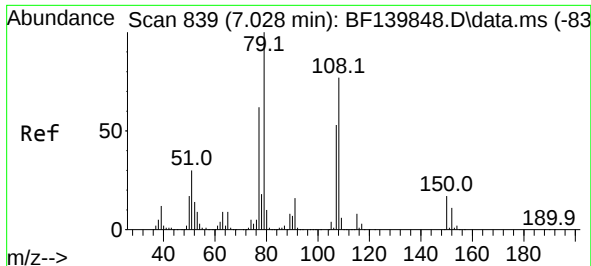
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 37.448 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

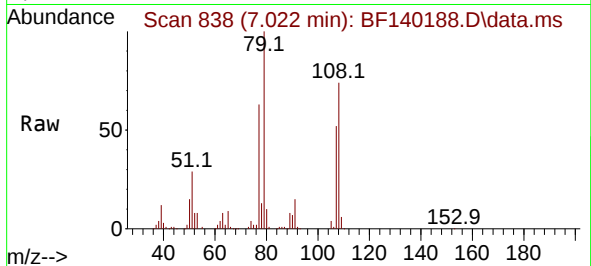
Tgt Ion:146 Resp: 257024
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 44.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 54.357 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

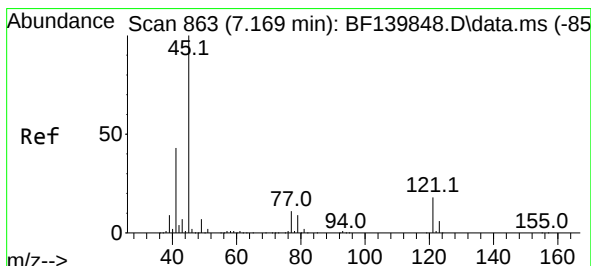
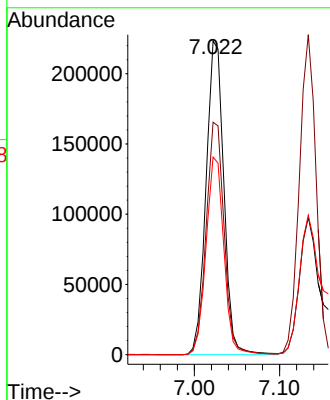
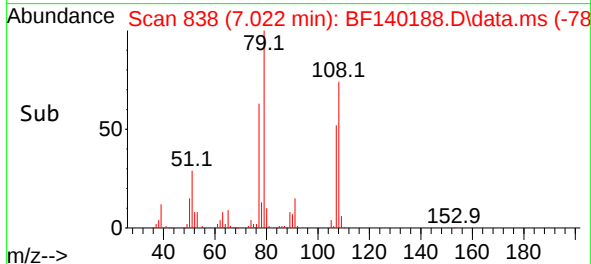
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 323924
Ion Ratio Lower Upper
79 100
108 74.1 61.4 92.0
77 63.0 49.9 74.9

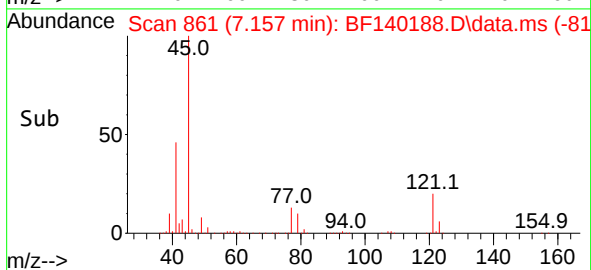
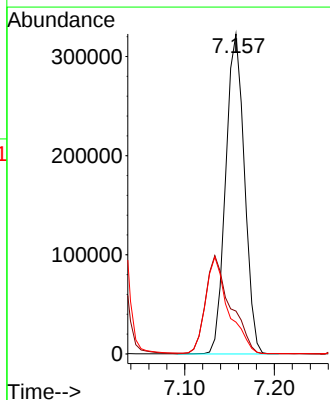
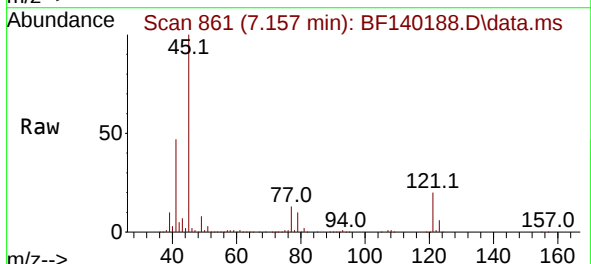
Manual Integrations
APPROVED

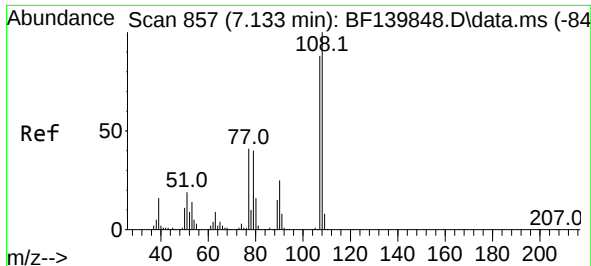
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.475 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

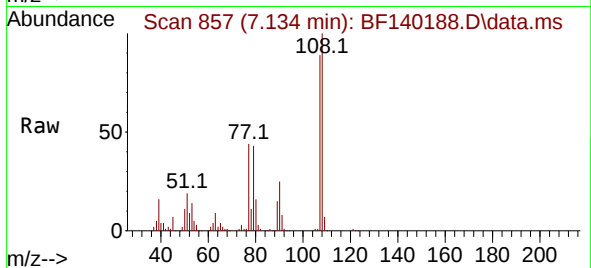
Tgt Ion: 45 Resp: 468846
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 10.0 0.0 29.1





#17
2-Methylphenol
Concen: 50.364 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

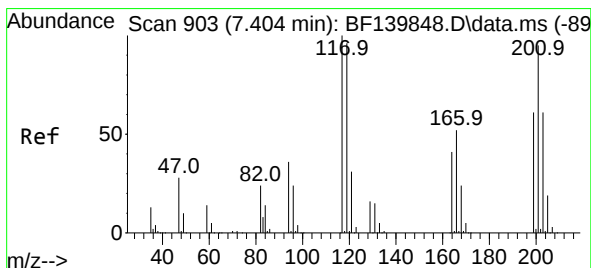
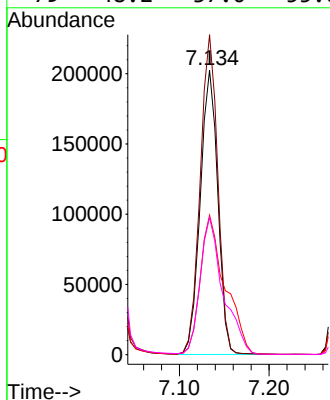
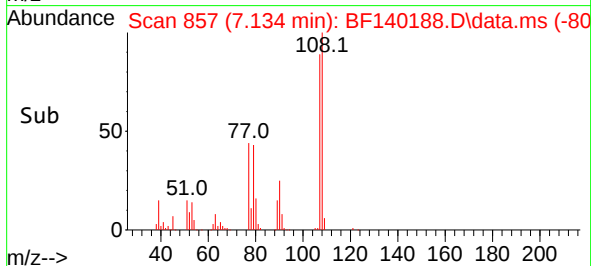
Instrument :
BNA_F
Client SampleId :
TP-1MS



Tgt Ion:107 Resp: 27538
Ion Ratio Lower Upper
107 100
108 112.4 91.3 136.9
77 49.0 37.1 55.7
79 48.2 37.0 55.6

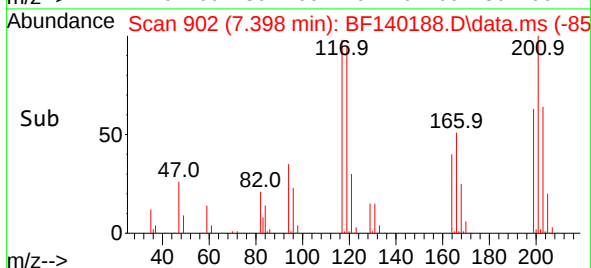
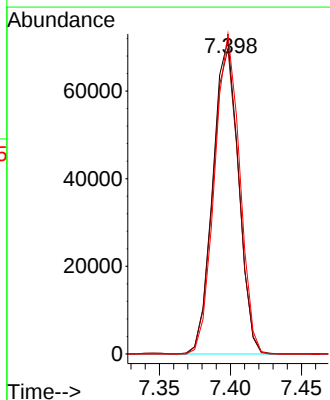
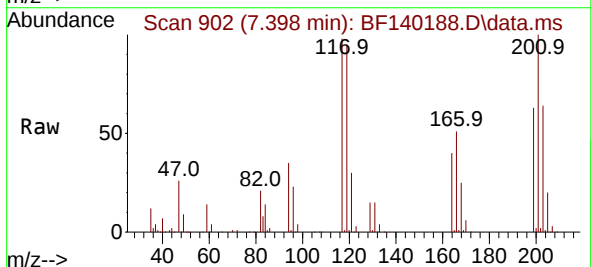
Manual Integrations
APPROVED

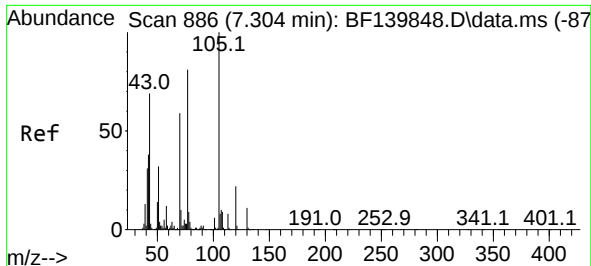
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 34.106 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

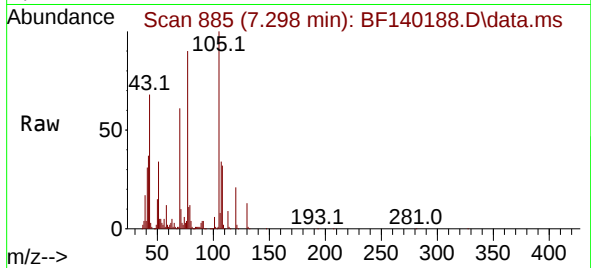
Tgt Ion:117 Resp: 89441
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4
201 101.9 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.006 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

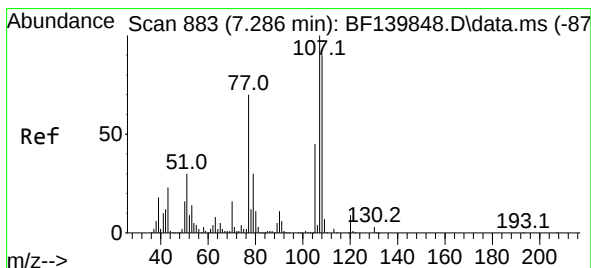
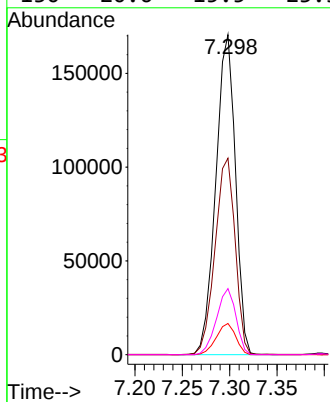
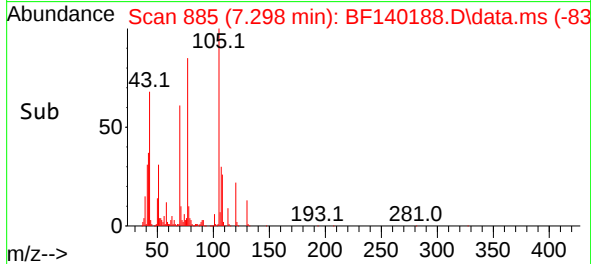
Instrument :
BNA_F
Client SampleId :
TP-1MS



Tgt Ion: 70 Resp: 24638
Ion Ratio Lower Upper
70 100
42 61.4 51.5 77.3
101 9.7 7.5 11.3
130 20.6 15.5 23.3

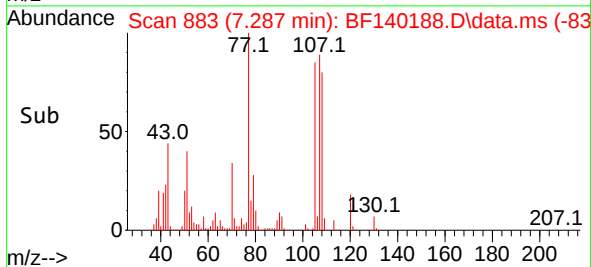
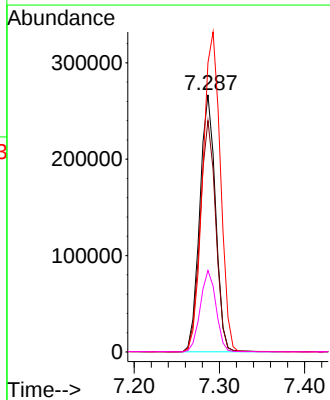
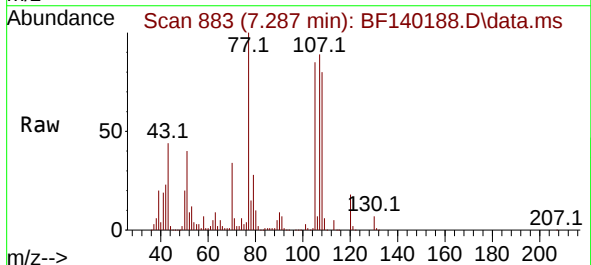
Manual Integrations
APPROVED

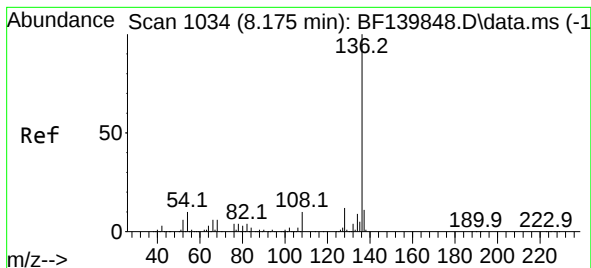
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 49.017 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:107 Resp: 342815
Ion Ratio Lower Upper
107 100
108 90.0 69.8 109.8
77 112.5 50.5 90.5#
79 31.7 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:136 Resp: 38246

Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.9 8.4 12.6

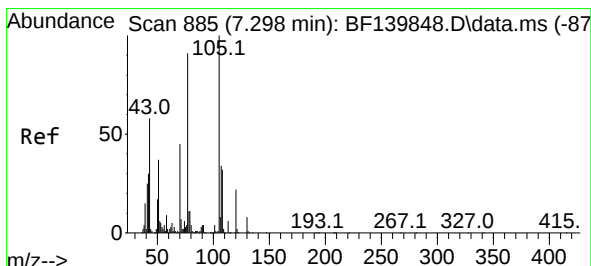
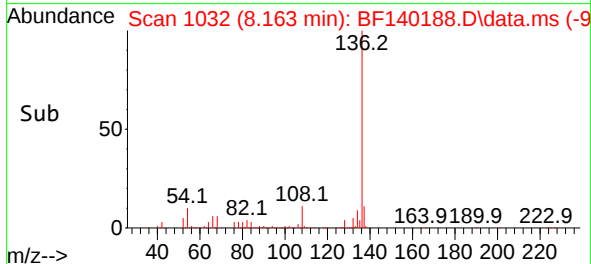
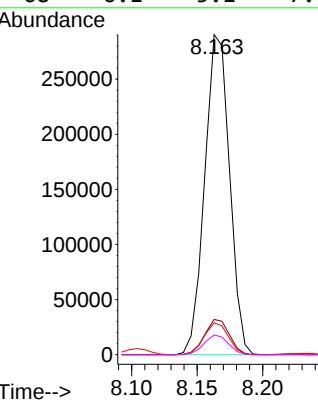
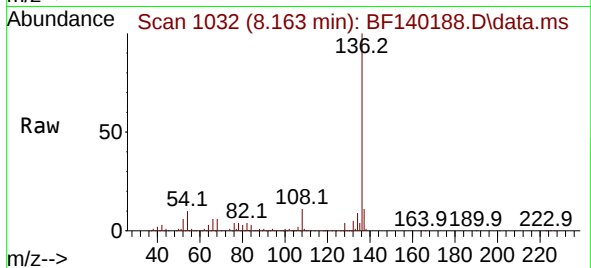
68 6.1 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#22

Acetophenone

Concen: 48.305 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Tgt Ion:105 Resp: 452507

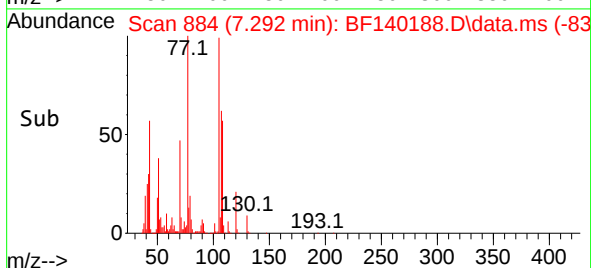
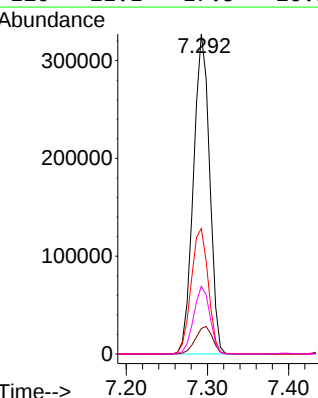
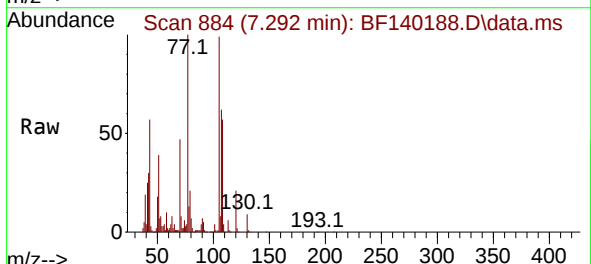
Ion Ratio Lower Upper

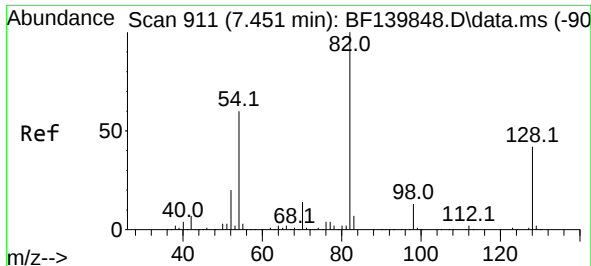
105 100

71 7.9 5.9 8.9

51 39.2 29.4 44.2

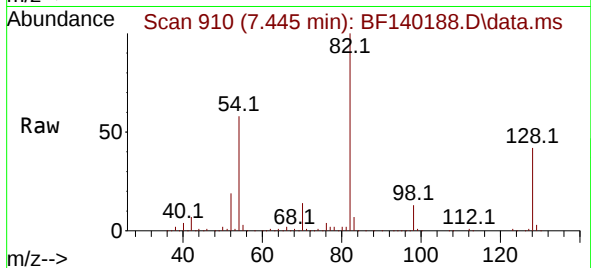
120 21.1 17.5 26.3





#23
Nitrobenzene-d5
Concen: 116.284 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

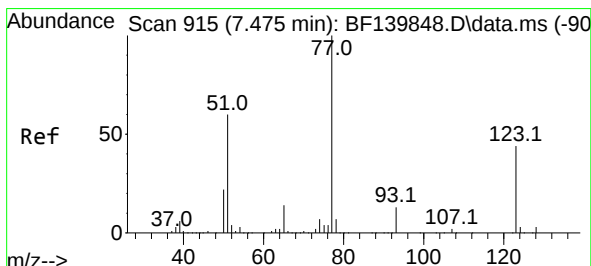
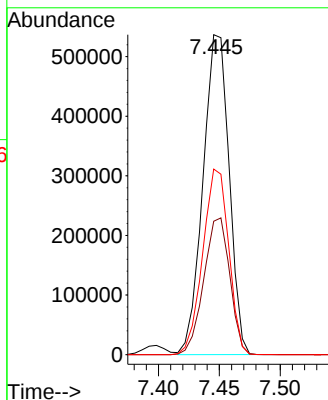
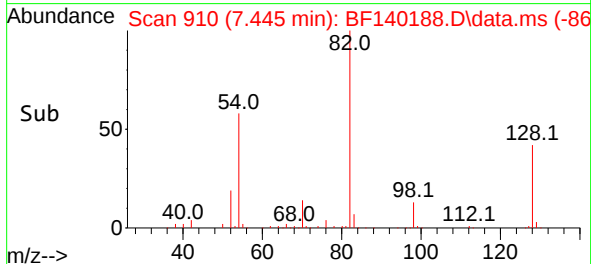
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 80243
Ion Ratio Lower Upper
82 100
128 41.7 33.4 50.0
54 58.0 47.8 71.8

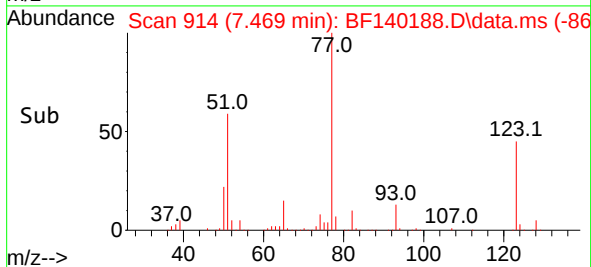
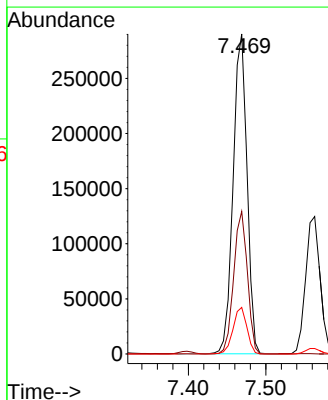
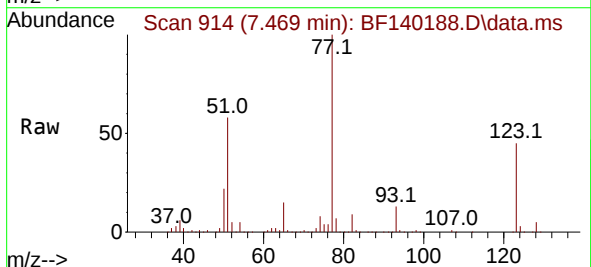
Manual Integrations
APPROVED

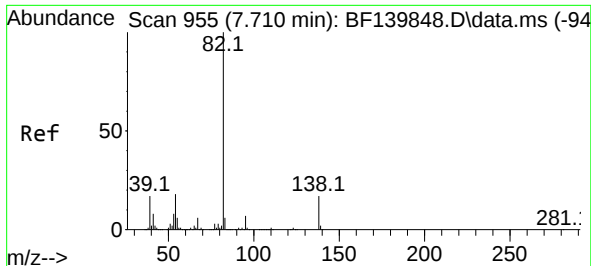
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 47.925 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

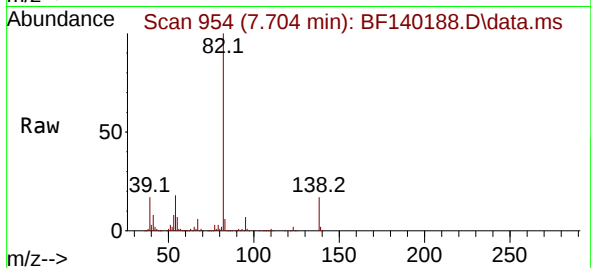
Tgt Ion: 77 Resp: 362597
Ion Ratio Lower Upper
77 100
123 44.6 35.7 53.5
65 14.6 11.5 17.3





#25
Isophorone
Concen: 52.802 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

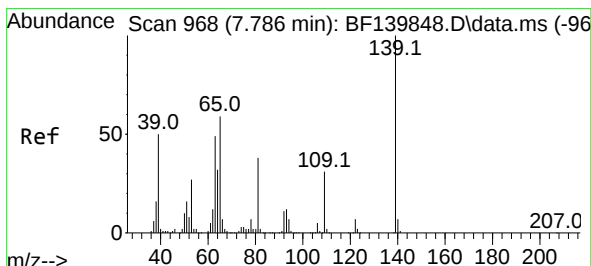
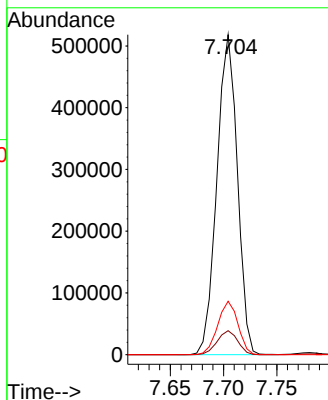
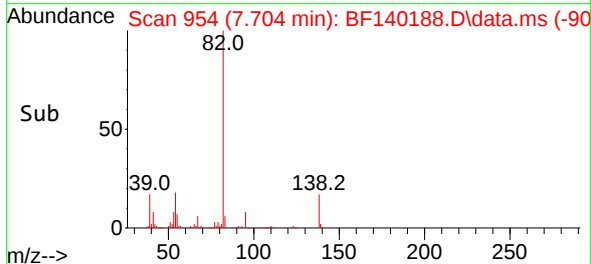
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 691574
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 16.7 13.2 19.8

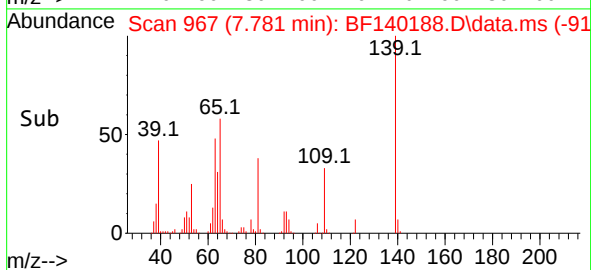
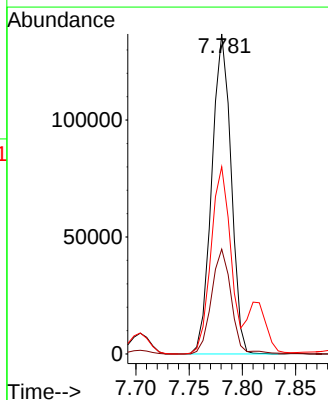
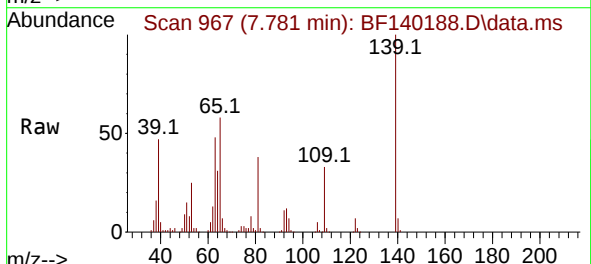
Manual Integrations
APPROVED

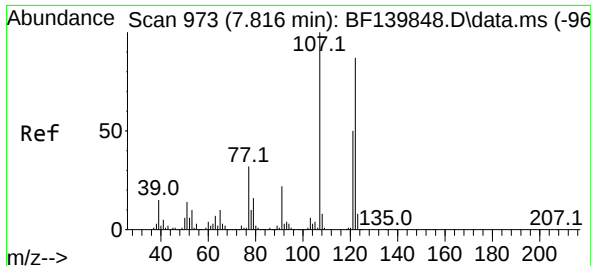
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 60.269 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

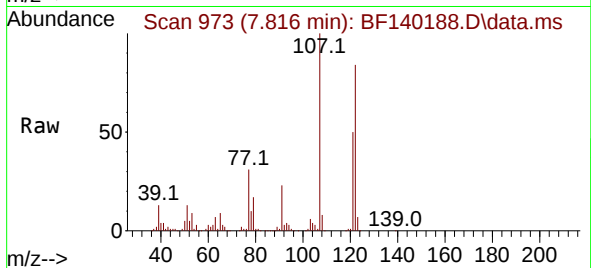
Tgt Ion:139 Resp: 172024
Ion Ratio Lower Upper
139 100
109 32.8 25.1 37.7
65 58.5 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 59.930 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

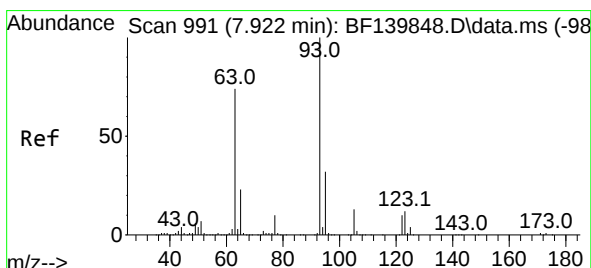
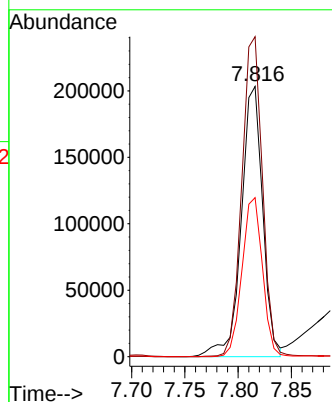
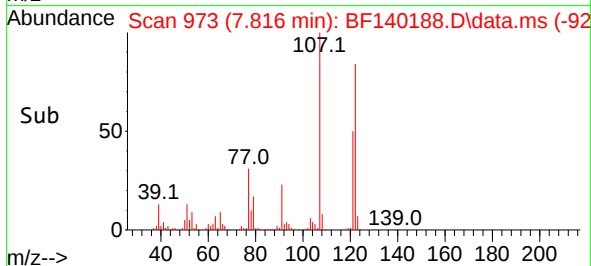
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:122 Resp: 285220
Ion Ratio Lower Upper
122 100
107 118.4 91.9 137.9
121 58.8 46.2 69.4

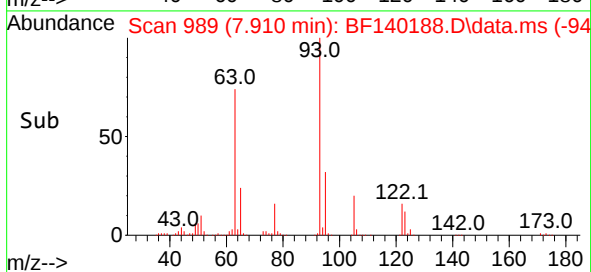
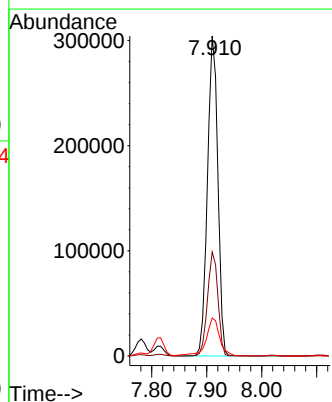
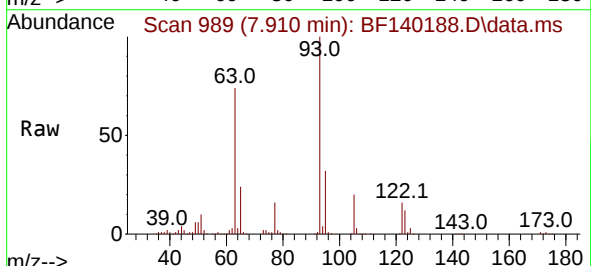
Manual Integrations
APPROVED

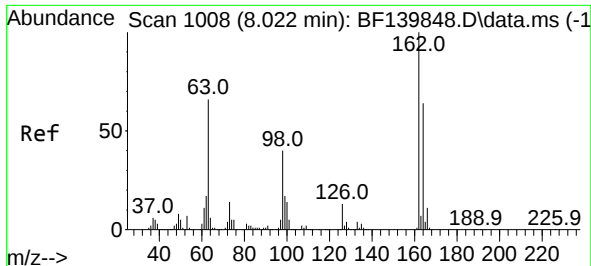
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.280 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion: 93 Resp: 398989
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.8 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 53.793 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

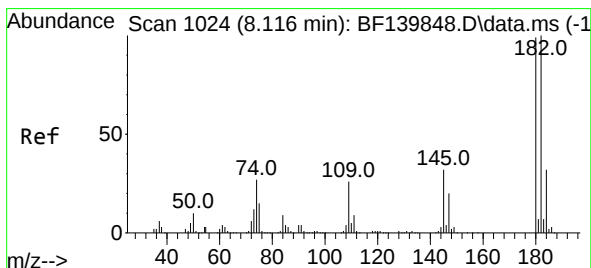
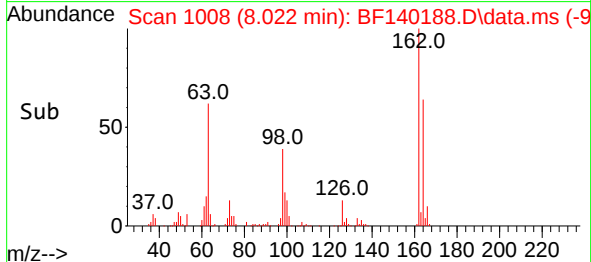
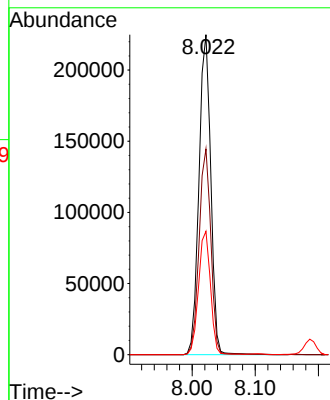
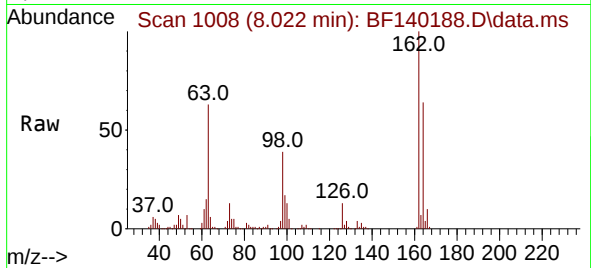
Tgt Ion:	162	Resp:	29161
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.9	83.9
98	38.5	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.940 ng

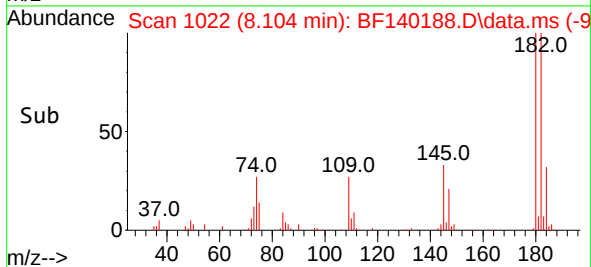
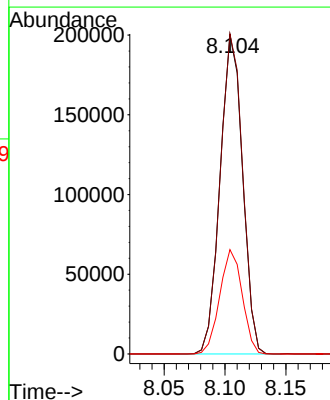
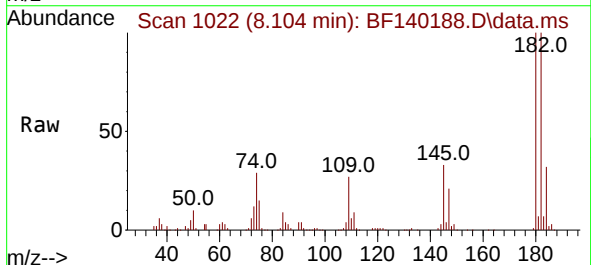
RT: 8.104 min Scan# 1022

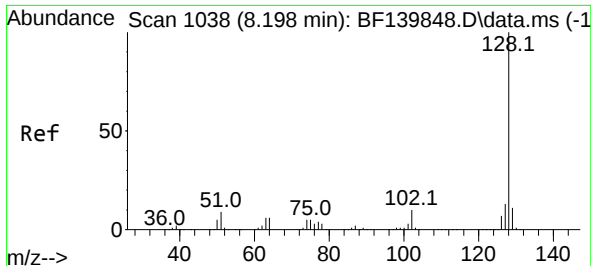
Delta R.T. -0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

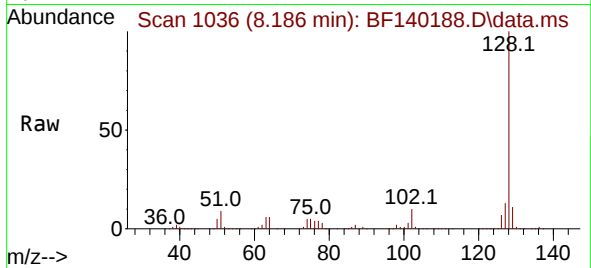
Tgt Ion:	180	Resp:	257574
Ion Ratio	Lower	Upper	
180	100		
182	100.3	80.5	120.7
145	32.7	25.4	38.0





#31
Naphthalene
Concen: 46.245 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

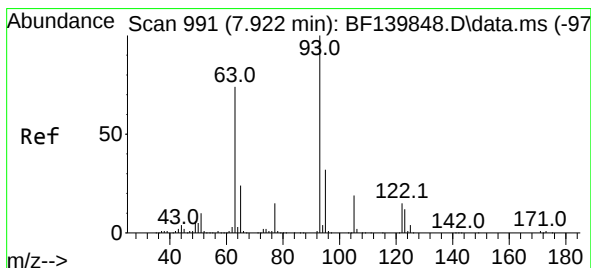
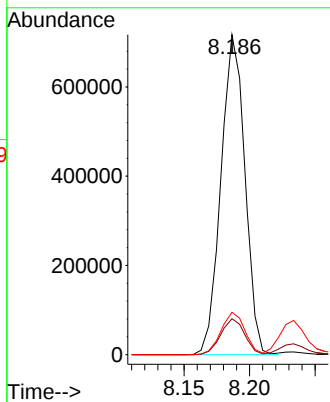
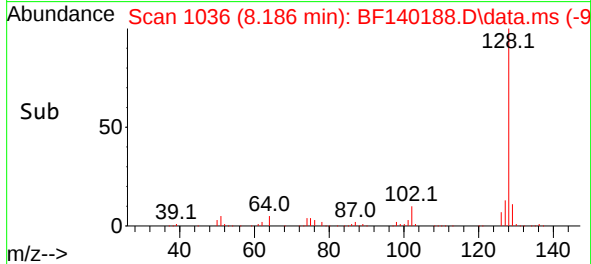
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:128 Resp: 91218
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0

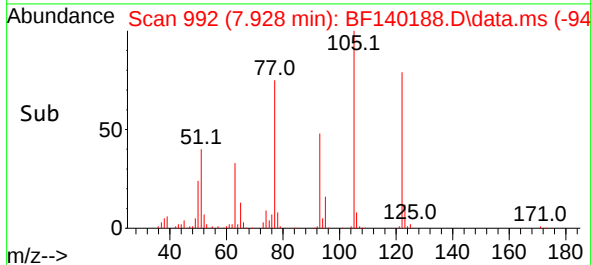
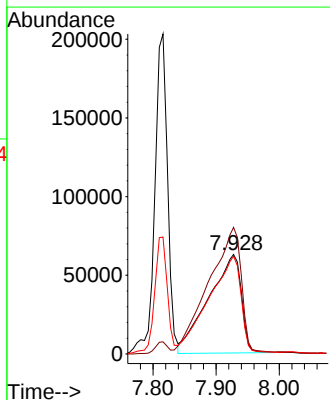
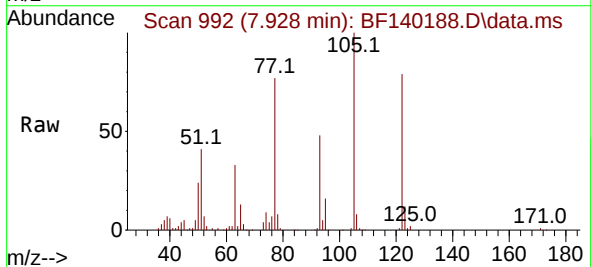
Manual Integrations
APPROVED

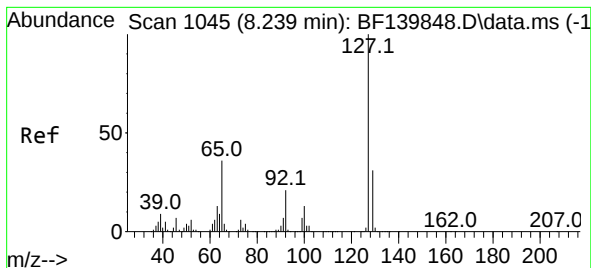
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 54.349 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:122 Resp: 225606
Ion Ratio Lower Upper
122 100
105 127.2 107.6 147.6
77 98.2 80.2 120.2





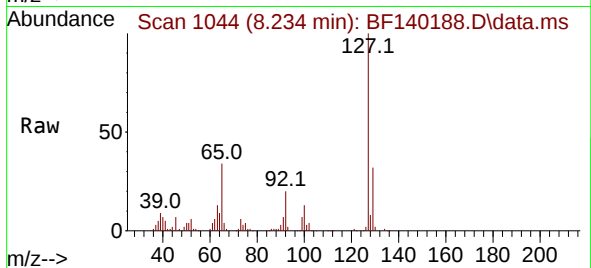
#33
4-Chloroaniline
Concen: 16.237 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

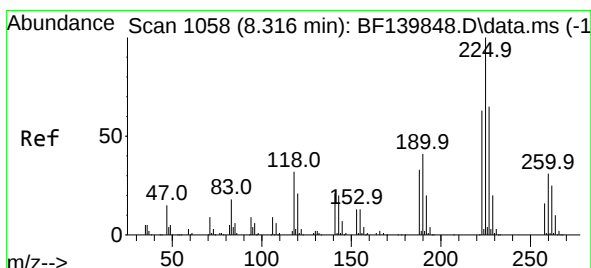
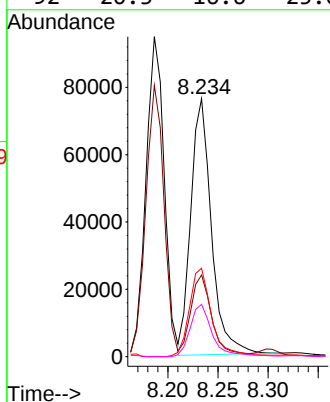
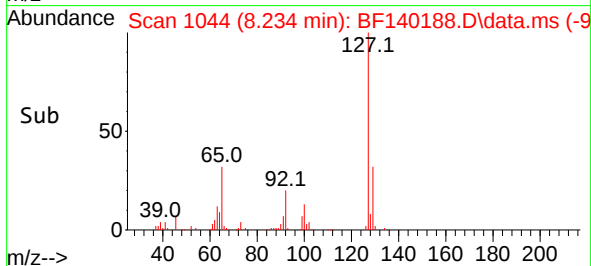


Tgt Ion:127 Resp: 10921
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 34.3 28.4 42.6
92 20.3 16.6 25.0

Manual Integrations

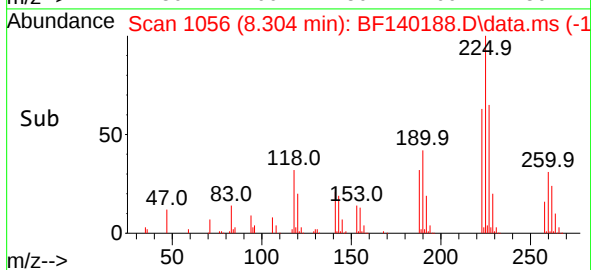
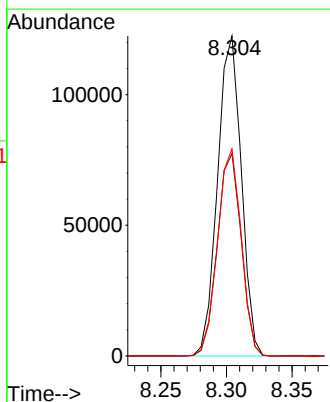
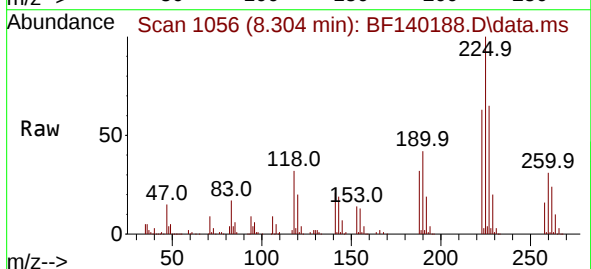
APPROVED

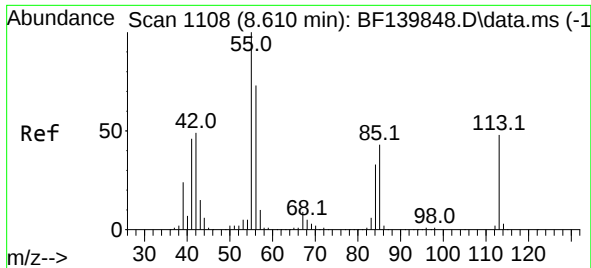
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 40.871 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:225 Resp: 154039
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 64.8 51.8 77.8





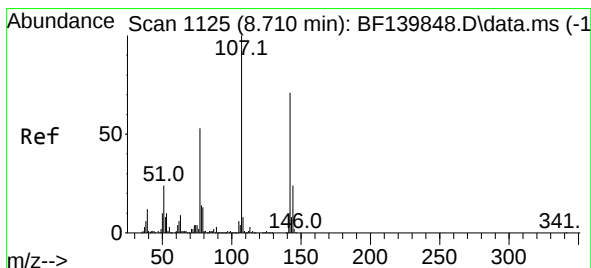
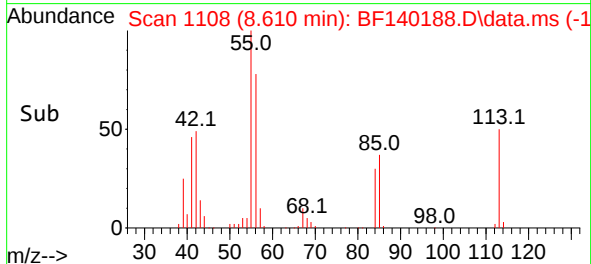
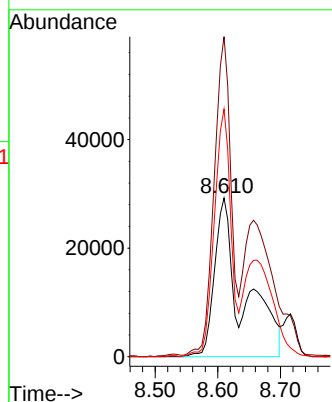
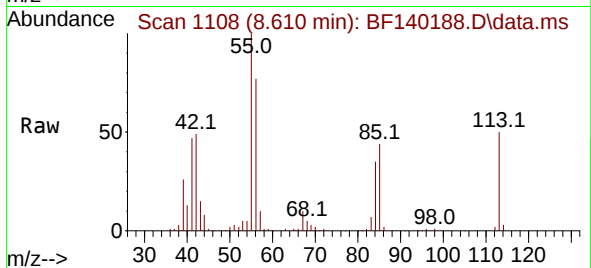
#35
Caprolactam
Concen: 52.826 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:113 Resp: 9105
Ion Ratio Lower Upper
113 100
55 201.6 189.2 229.2
56 155.9 132.5 172.5

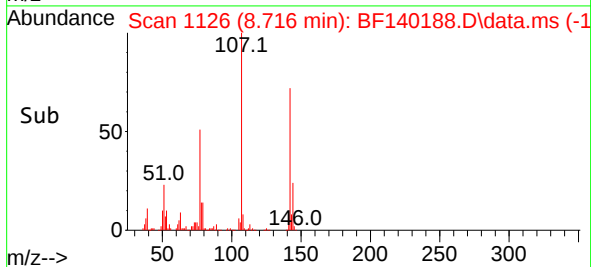
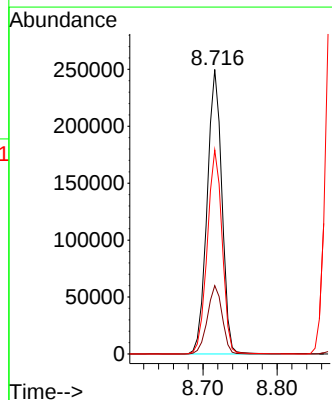
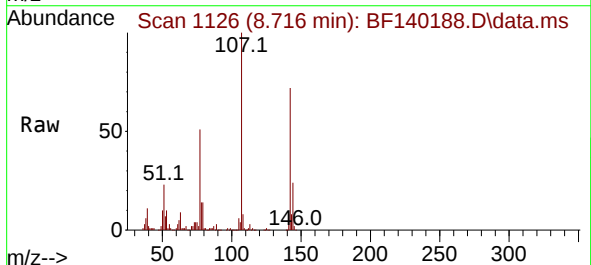
Manual Integrations
APPROVED

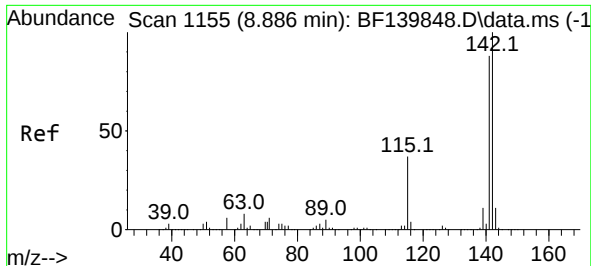
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 57.609 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:107 Resp: 345806
Ion Ratio Lower Upper
107 100
144 24.0 19.1 28.7
142 71.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 52.343 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 632328

Ion Ratio Lower Upper

142 100

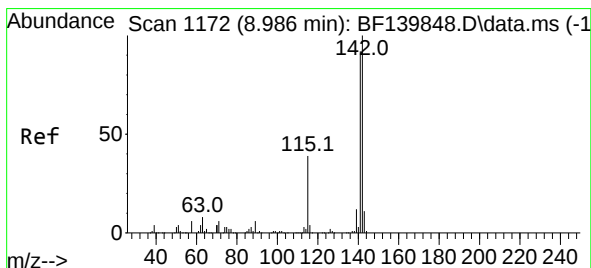
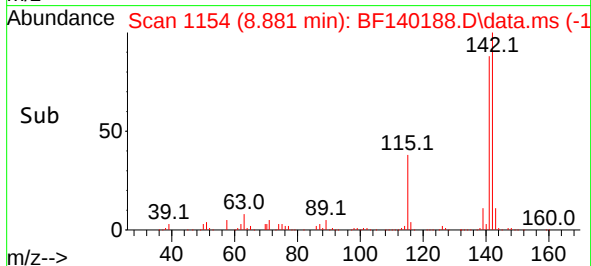
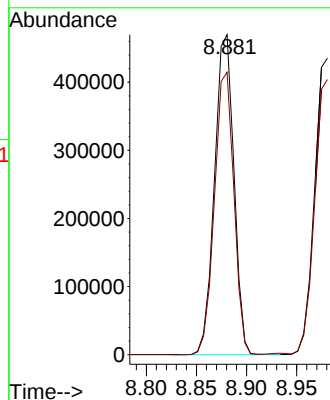
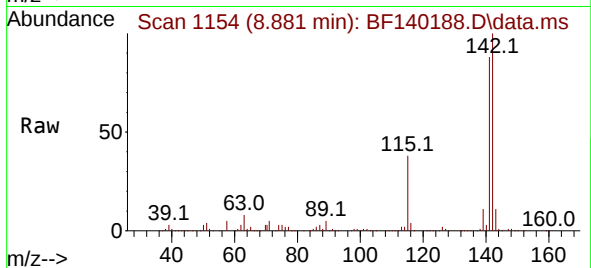
141 88.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#38

1-Methylnaphthalene

Concen: 49.906 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140188.D

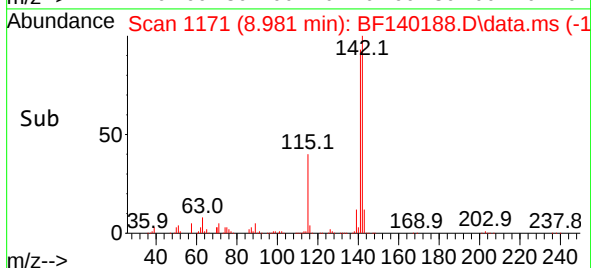
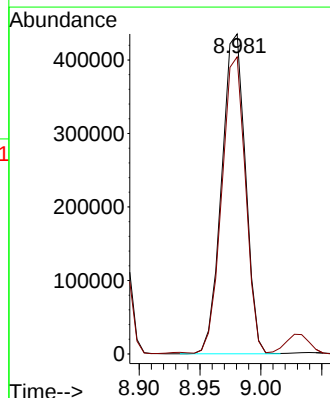
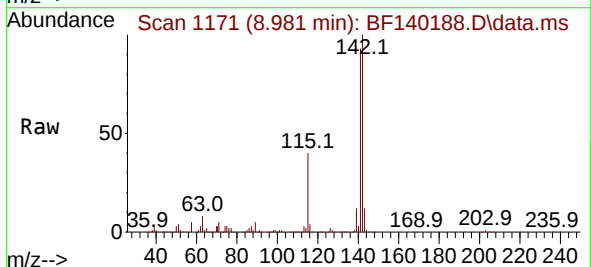
Acq: 31 Oct 2024 14:48

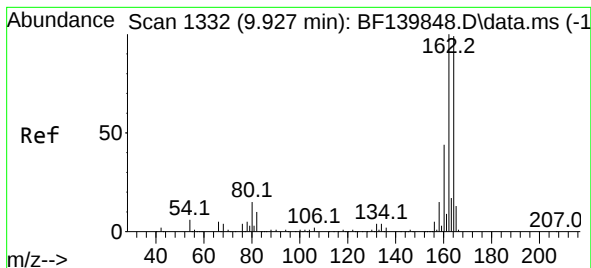
Tgt Ion:142 Resp: 591495

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.001 min

Lab File: BF140188.D

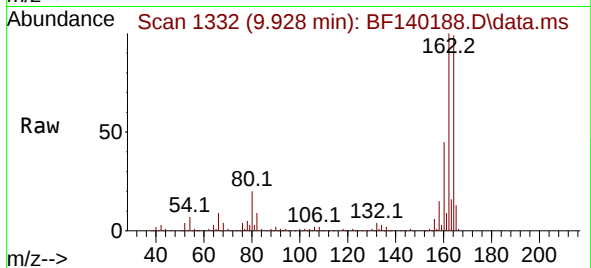
Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS



Tgt Ion:164 Resp: 224254

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

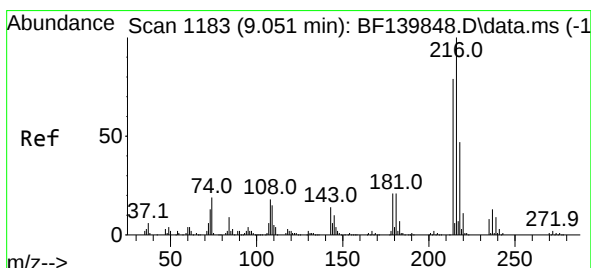
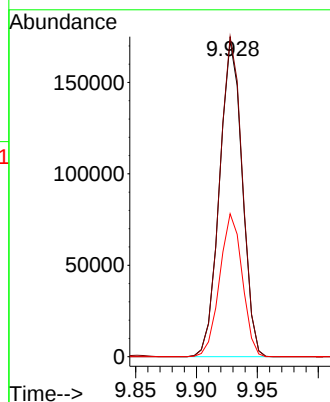
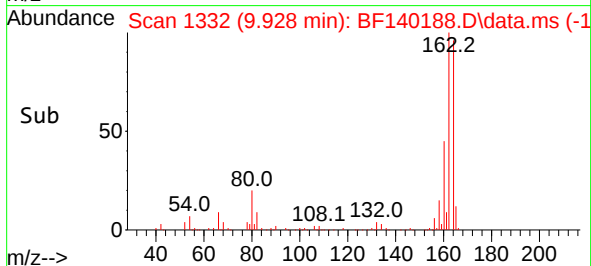
160 45.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.611 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Tgt Ion:216 Resp: 300147

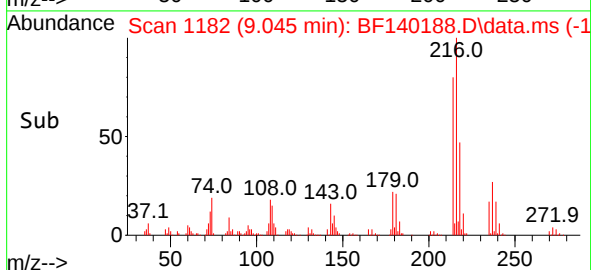
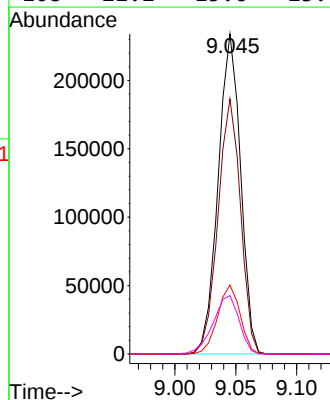
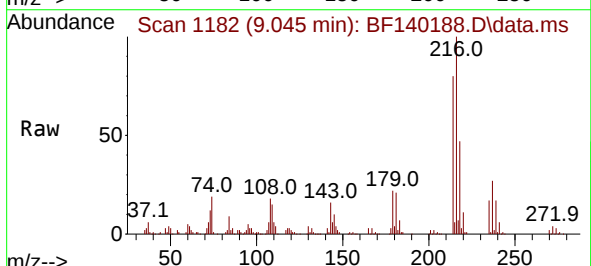
Ion Ratio Lower Upper

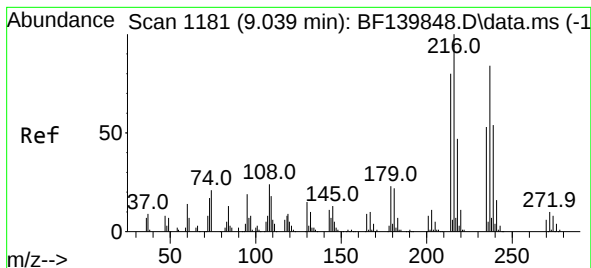
216 100

214 79.8 63.4 95.0

179 21.6 17.2 25.8

108 21.2 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 152.589 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:237 Resp: 321218

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

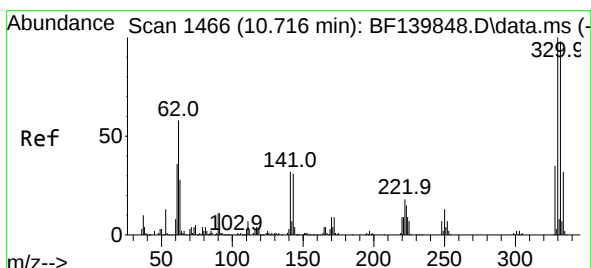
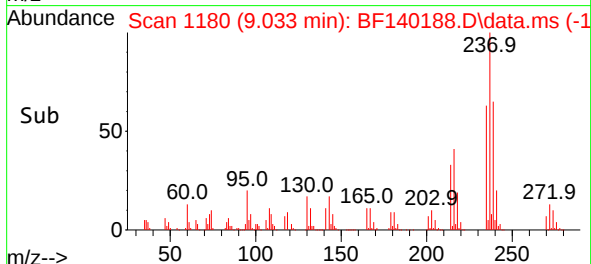
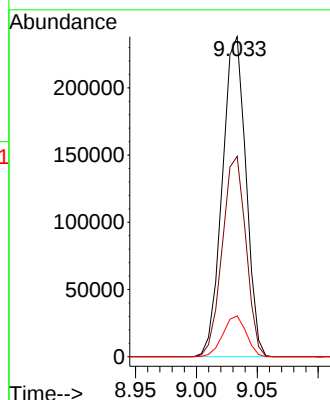
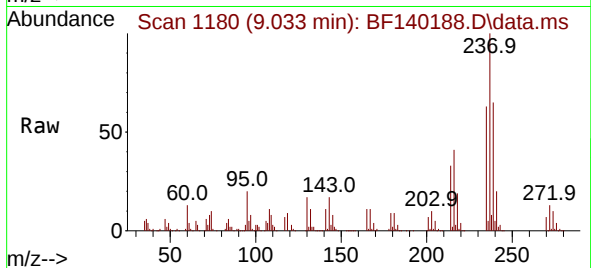
272 12.8 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#42

2,4,6-Tribromophenol

Concen: 177.527 ng

RT: 10.727 min Scan# 1468

Delta R.T. 0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

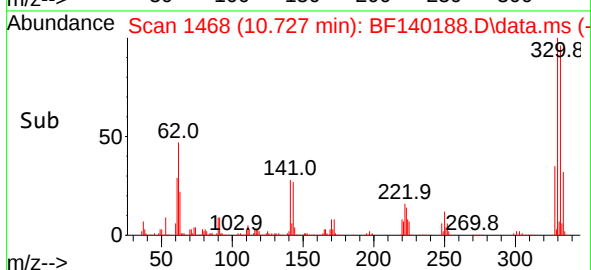
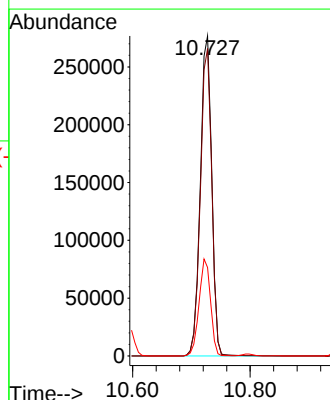
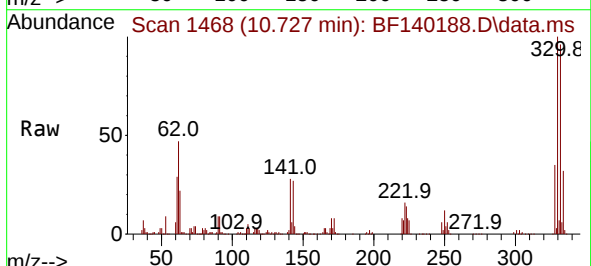
Tgt Ion:330 Resp: 372381

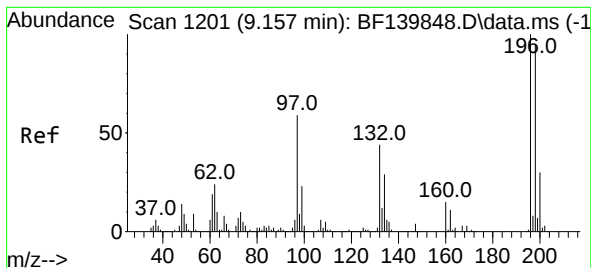
Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 30.5 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 56.237 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 24088

Ion Ratio Lower Upper

196 100

198 93.1 76.2 114.2

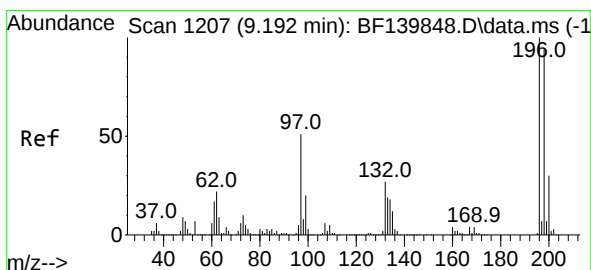
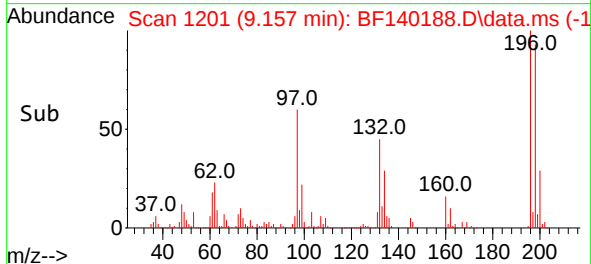
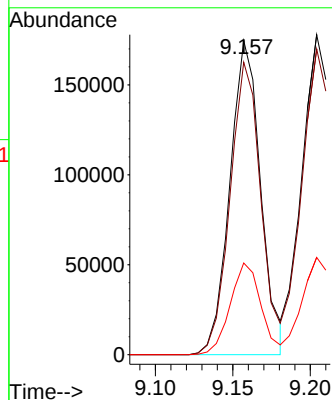
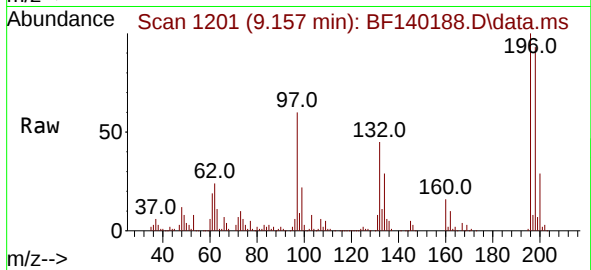
200 29.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#44

2,4,5-Trichlorophenol

Concen: 55.349 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Tgt Ion:196 Resp: 244603

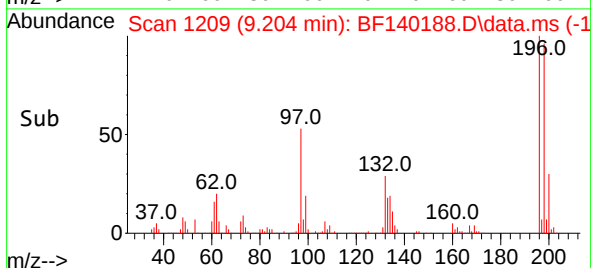
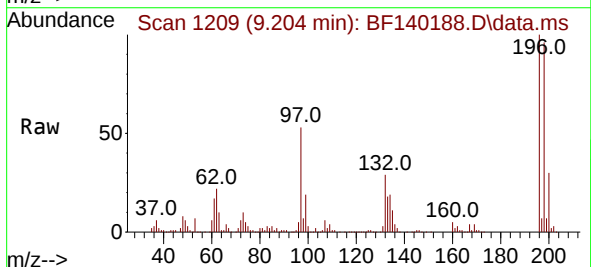
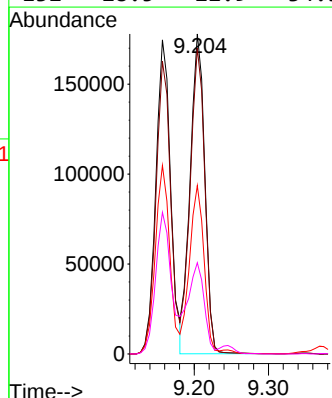
Ion Ratio Lower Upper

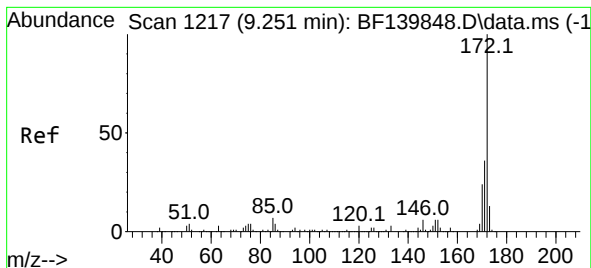
196 100

198 95.6 75.8 113.6

97 52.6 41.8 62.6

132 28.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 107.682 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:172 Resp: 1461139

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

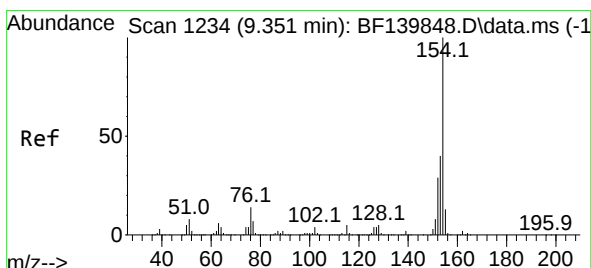
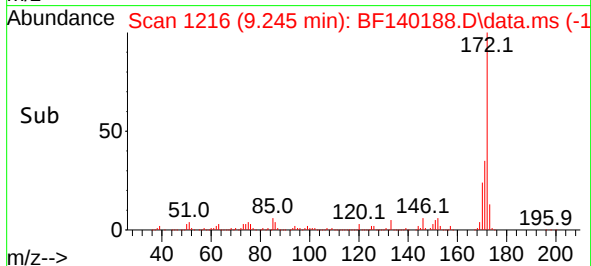
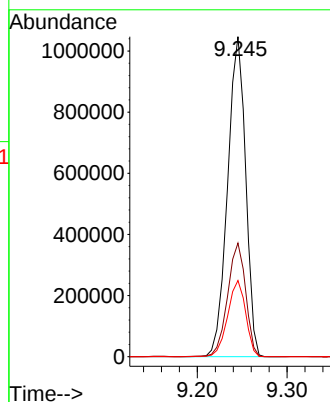
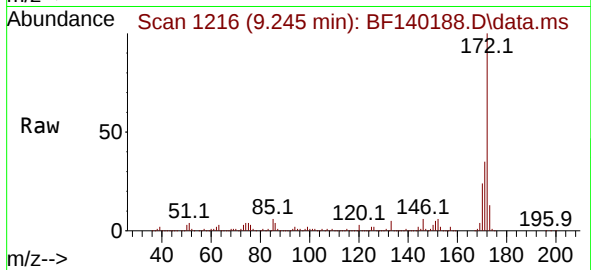
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 51.656 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

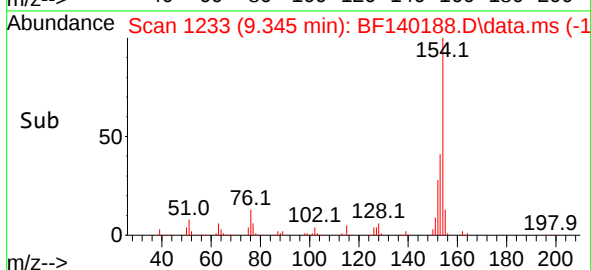
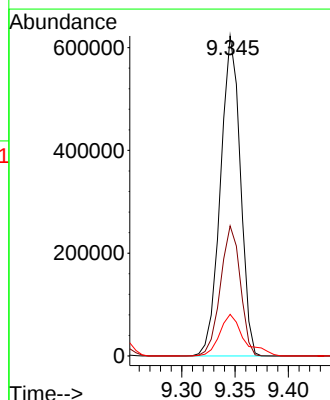
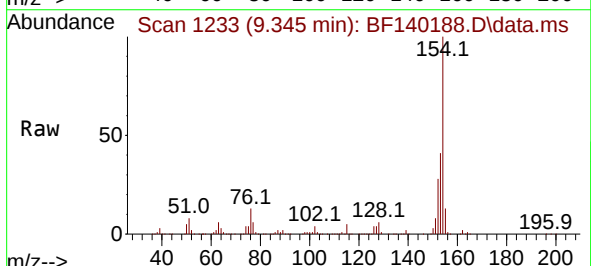
Tgt Ion:154 Resp: 806419

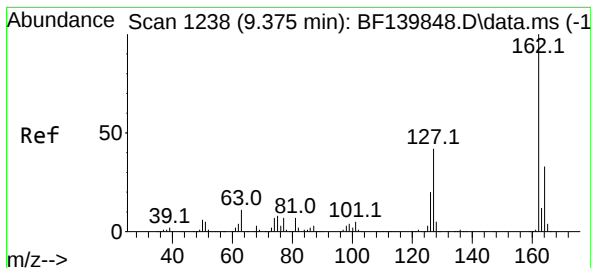
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

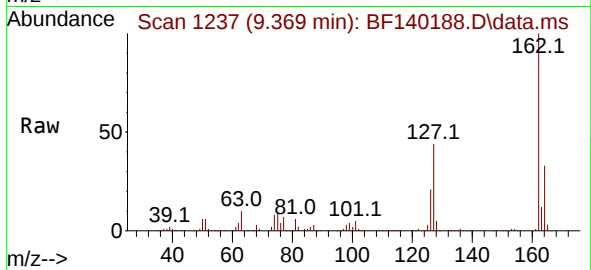
76 13.0 0.0 33.9





#47
2-Chloronaphthalene
Concen: 50.632 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

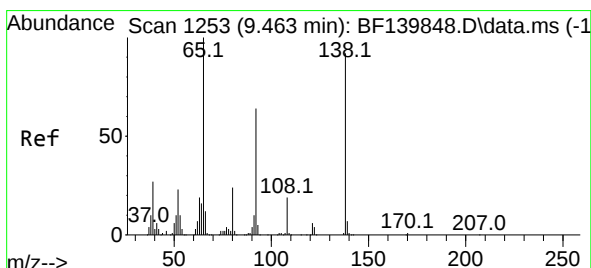
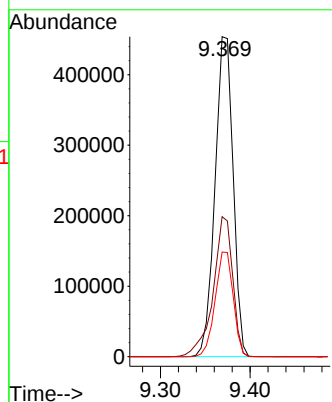
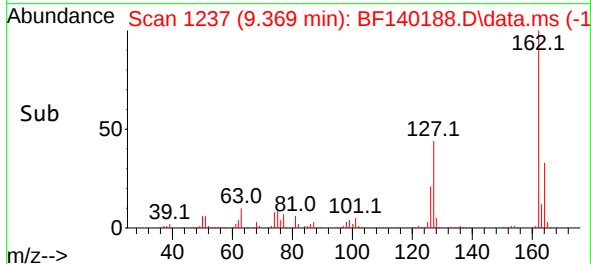
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:162 Resp: 636628
Ion Ratio Lower Upper
162 100
127 43.8 33.8 50.6
164 32.7 26.6 39.8

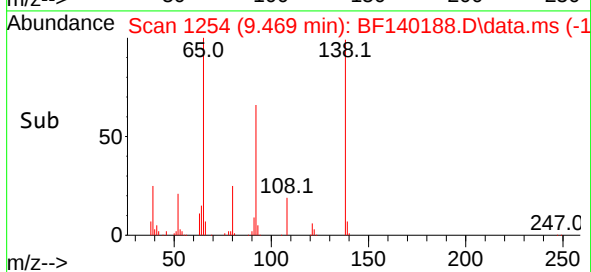
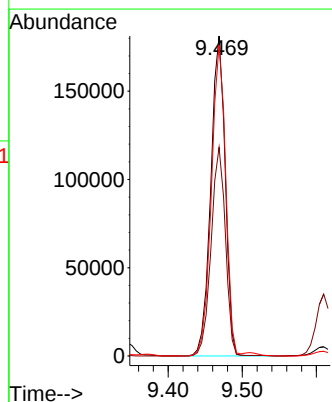
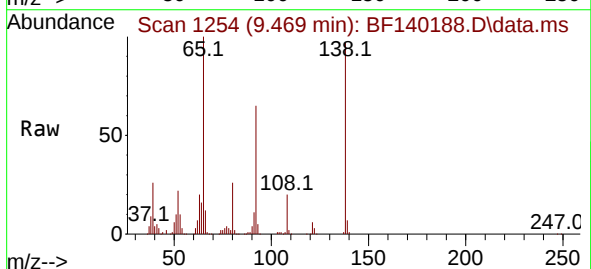
Manual Integrations
APPROVED

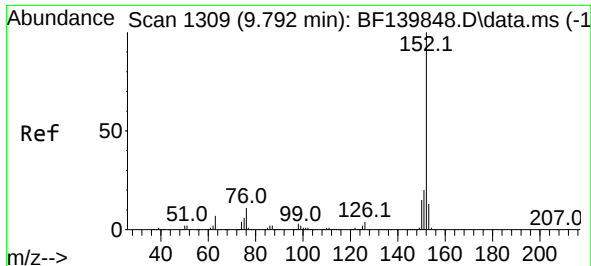
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 63.591 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

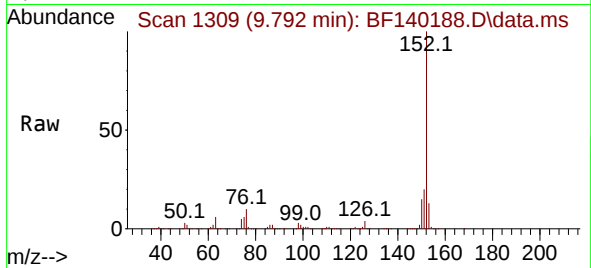
Tgt Ion: 65 Resp: 244542
Ion Ratio Lower Upper
65 100
92 65.2 50.9 76.3
138 97.2 73.4 110.0





#49
Acenaphthylene
Concen: 56.408 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

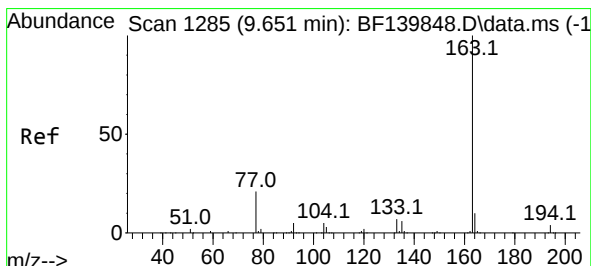
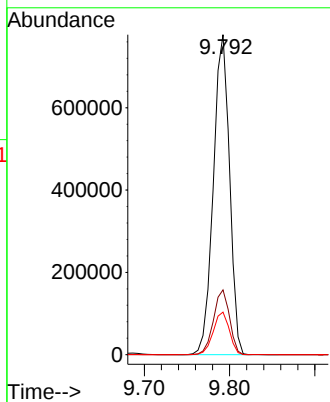
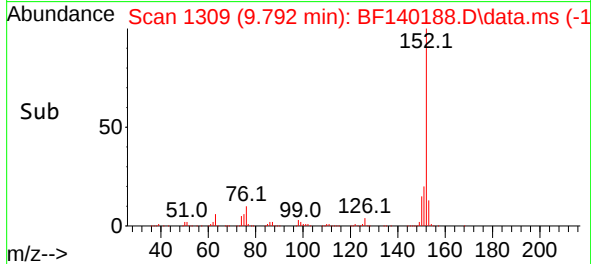
Instrument :
BNA_F
Client SampleId :
TP-1MS



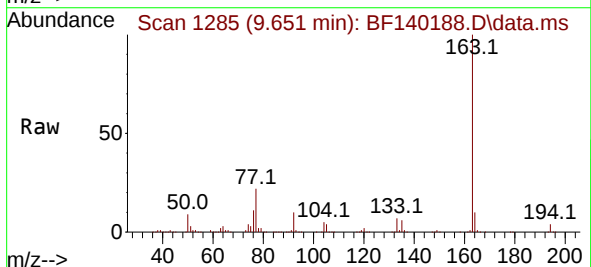
Tgt Ion:152 Resp: 102536
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.7 16.1

Manual Integrations
APPROVED

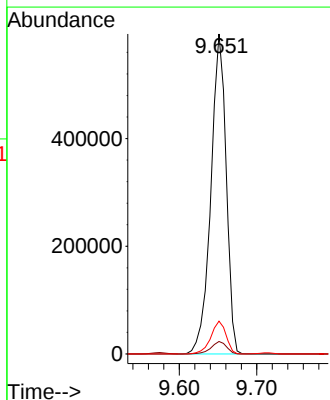
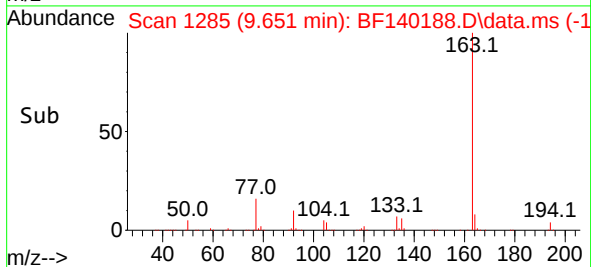
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

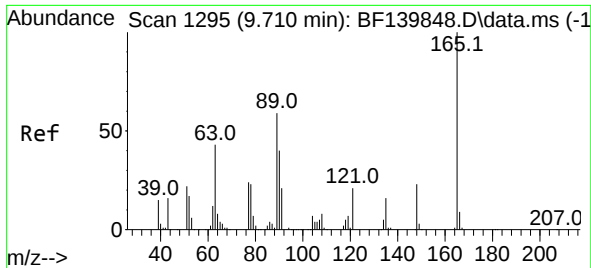


#50
Dimethylphthalate
Concen: 58.400 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



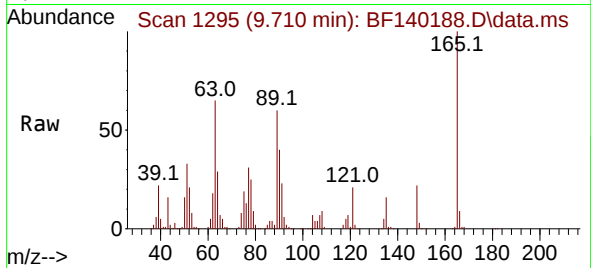
Tgt Ion:163 Resp: 815755
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 59.264 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

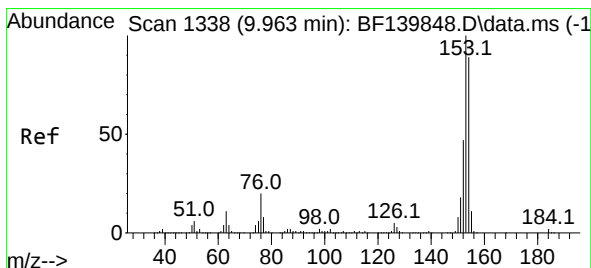
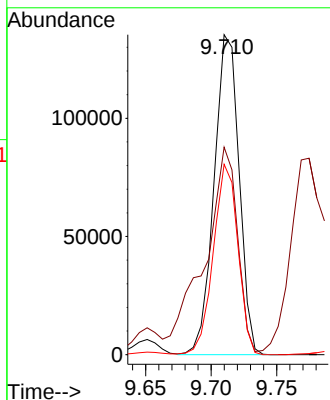
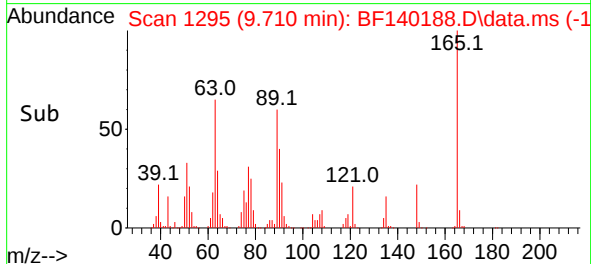
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 179238
Ion Ratio Lower Upper
165 100
63 64.8 50.6 75.8
89 59.5 47.5 71.3

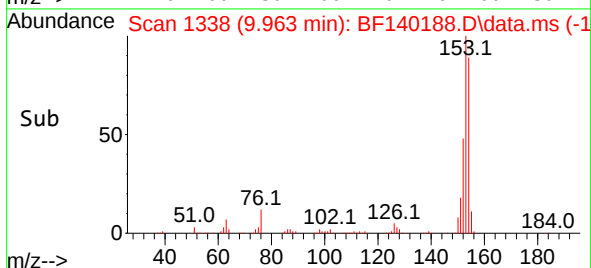
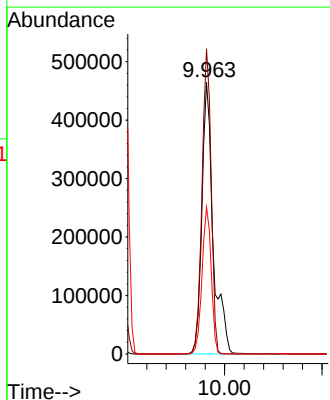
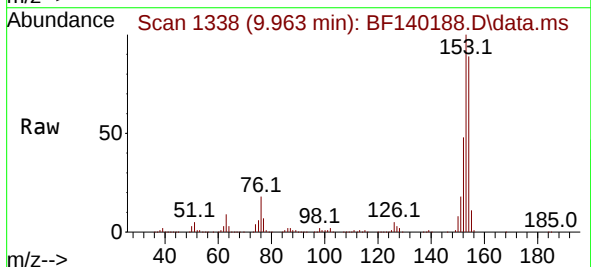
Manual Integrations
APPROVED

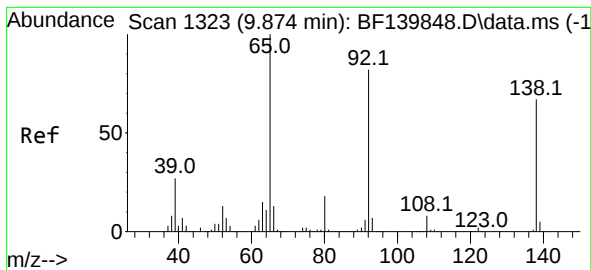
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 63.610 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

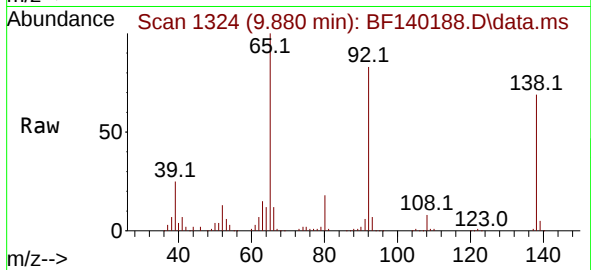
Tgt Ion:154 Resp: 747988
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 54.1 42.4 63.6





#53
3-Nitroaniline
Concen: 40.089 ng
RT: 9.880 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

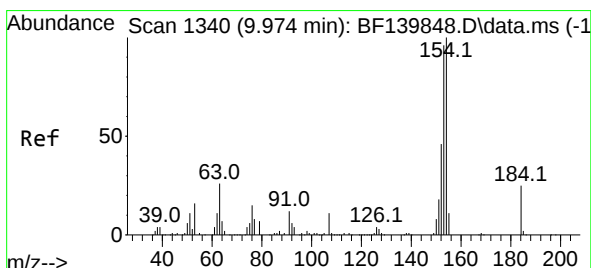
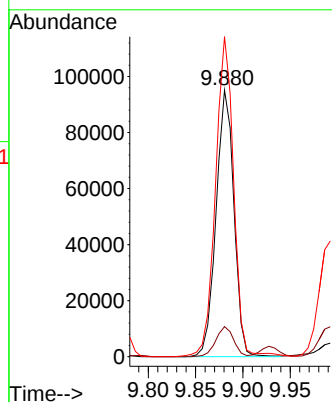
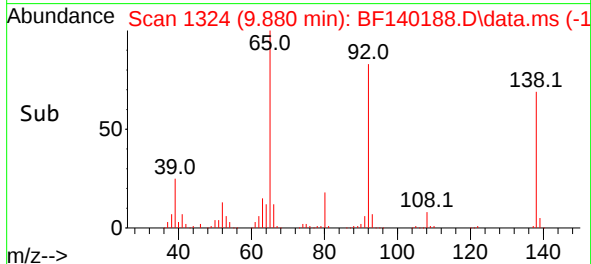
Instrument :
BNA_F
ClientSampleId :
TP-IMS



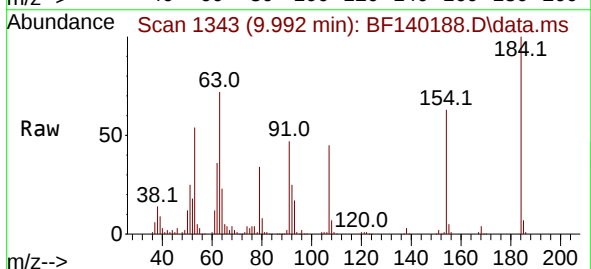
Tgt Ion:138 Resp: 125035
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 120.1 98.3 147.5

Manual Integrations
APPROVED

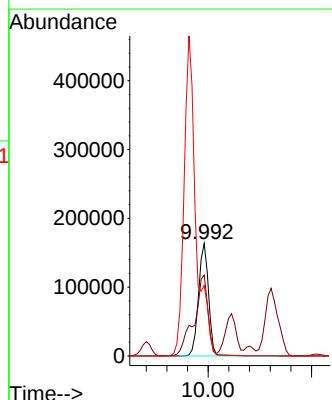
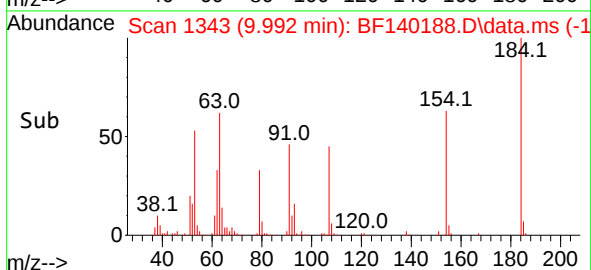
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

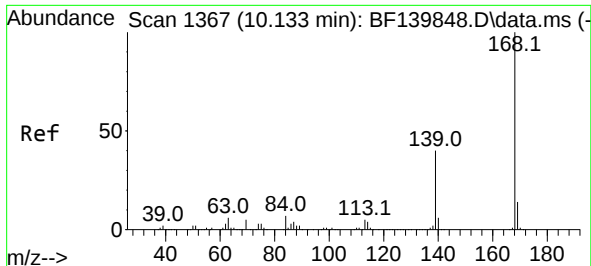


#54
2,4-Dinitrophenol
Concen: 168.353 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.018 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



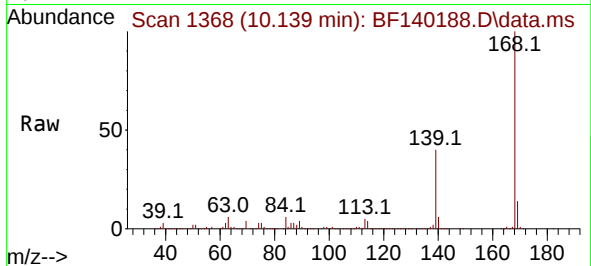
Tgt Ion:184 Resp: 221414
Ion Ratio Lower Upper
184 100
63 71.9 84.7 127.1#
154 62.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 54.231 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

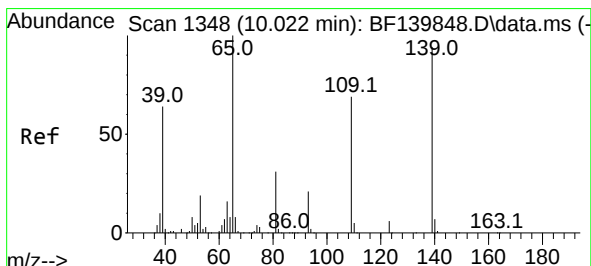
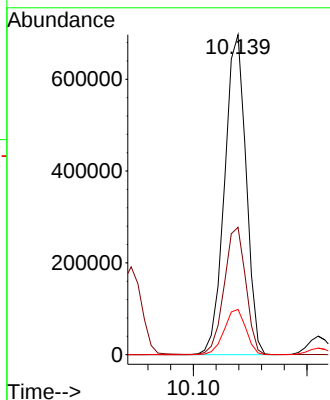
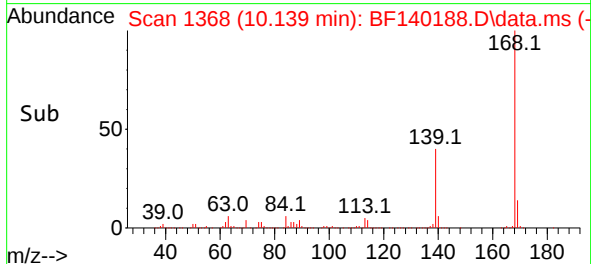
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 914959
Ion Ratio Lower Upper
168 100
139 39.8 31.8 47.6
169 14.1 11.6 17.4

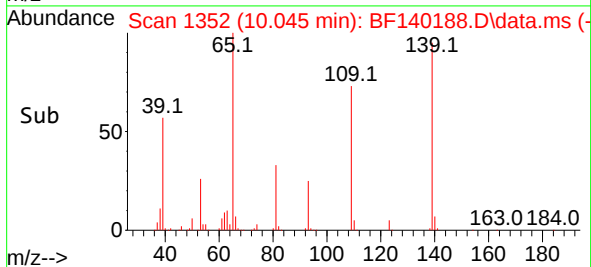
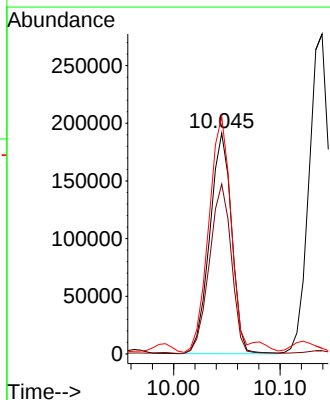
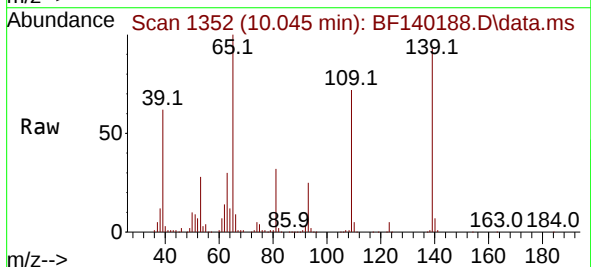
Manual Integrations
APPROVED

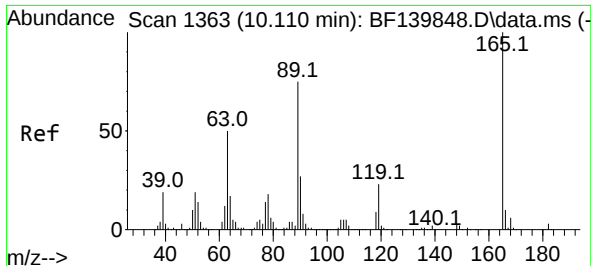
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 113.877 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

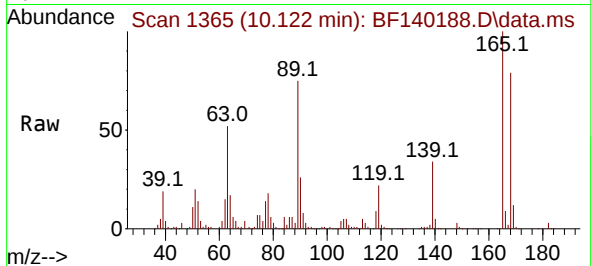
Tgt Ion:139 Resp: 273254
Ion Ratio Lower Upper
139 100
109 76.9 53.6 93.6
65 107.5 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 66.314 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

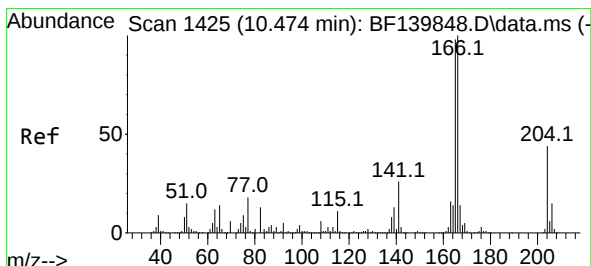
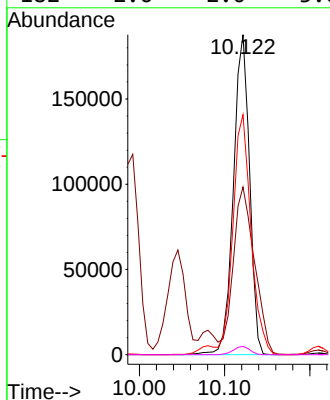
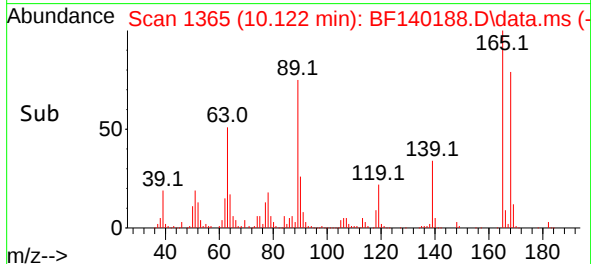
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 246639
Ion Ratio Lower Upper
165 100
63 52.4 40.1 60.1
89 75.0 60.4 90.6
182 2.6 2.0 3.0

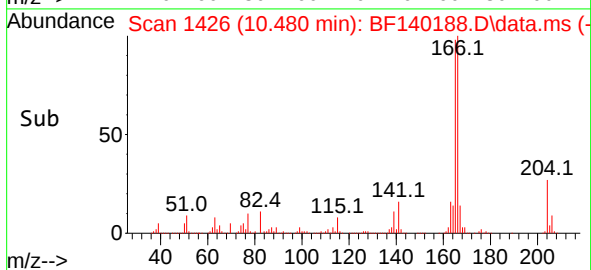
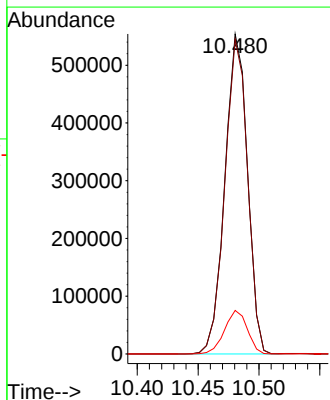
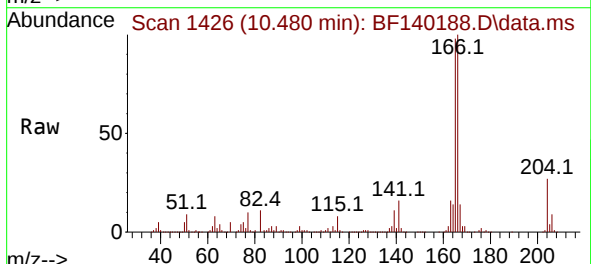
Manual Integrations
APPROVED

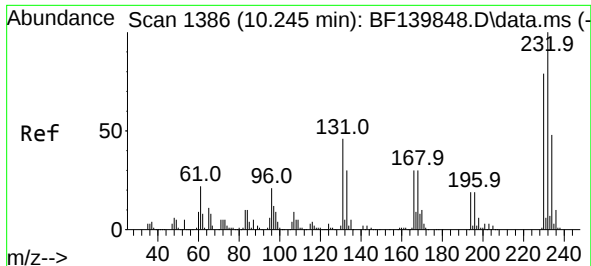
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 55.746 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

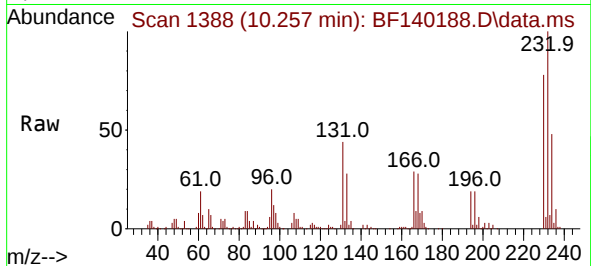
Tgt Ion:166 Resp: 716348
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.944 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

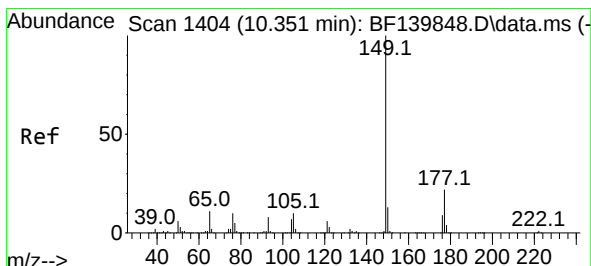
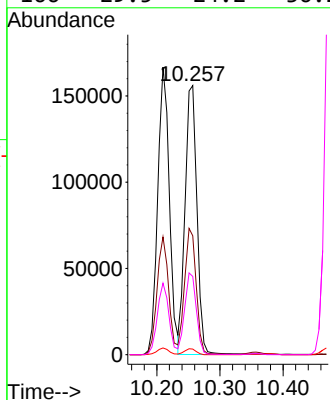
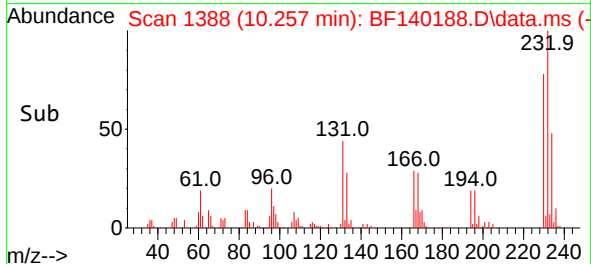
Instrument :
BNA_F
ClientSampleId :
TP-IMS



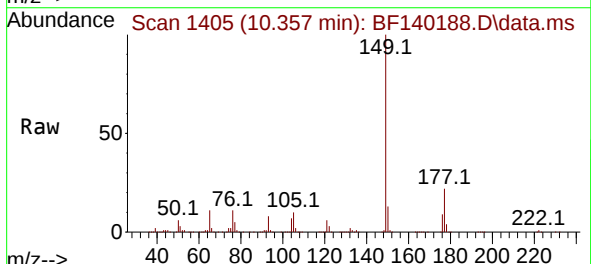
Tgt Ion:232 Resp: 204200
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.1 1.9 2.9
166 29.5 24.2 36.2

Manual Integrations
APPROVED

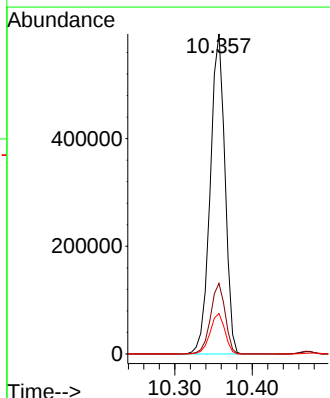
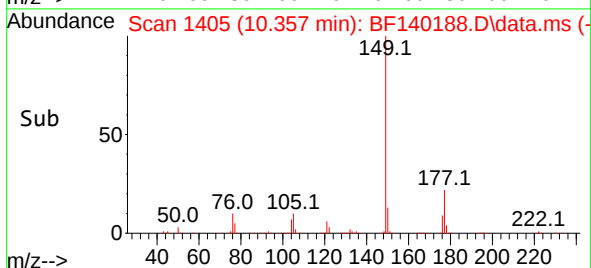
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

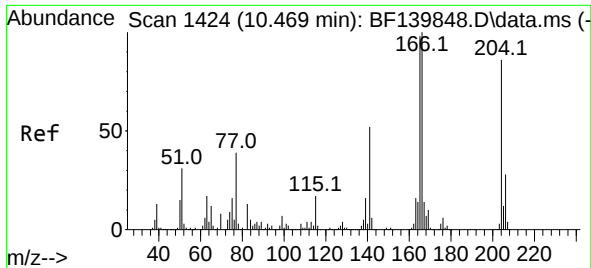


#60
Diethylphthalate
Concen: 57.139 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



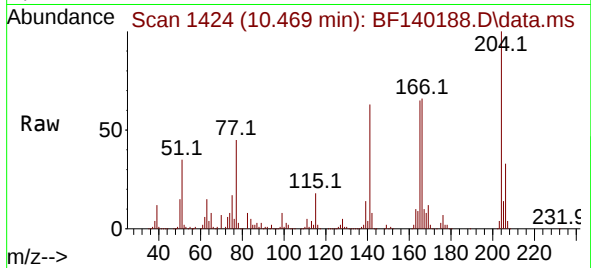
Tgt Ion:149 Resp: 783653
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 55.401 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

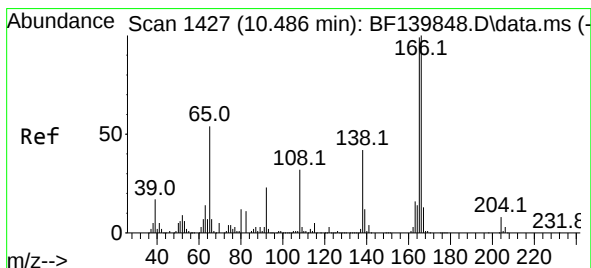
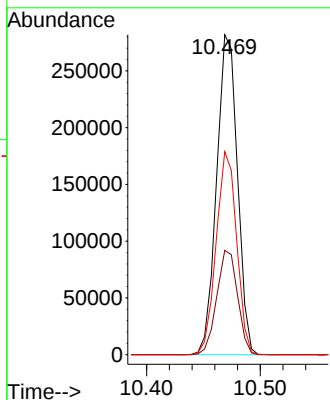
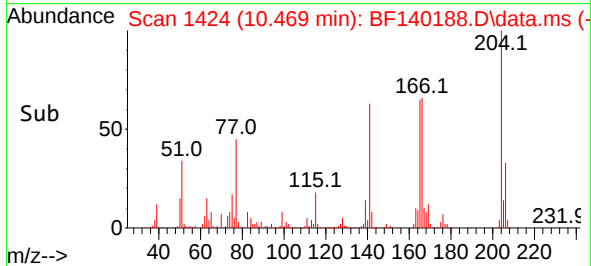
Instrument :
BNA_F
ClientSampleId :
TP-1MS



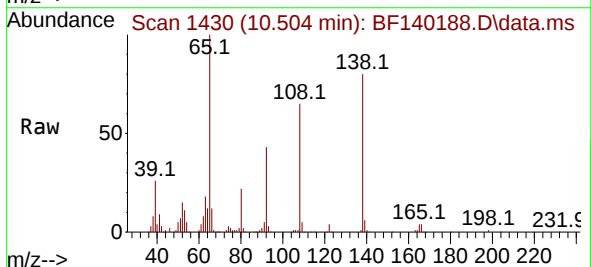
Tgt Ion:204 Resp: 35952
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.4 48.6 73.0

Manual Integrations
APPROVED

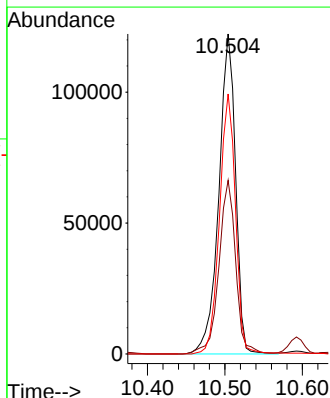
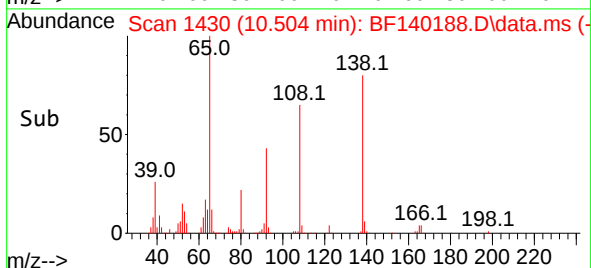
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

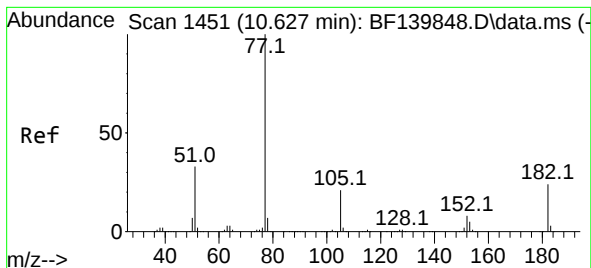


#62
4-Nitroaniline
Concen: 62.295 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



Tgt Ion:138 Resp: 183502
Ion Ratio Lower Upper
138 100
92 54.2 35.7 75.7
108 81.3 57.5 97.5





#63

Azobenzene

Concen: 53.817 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

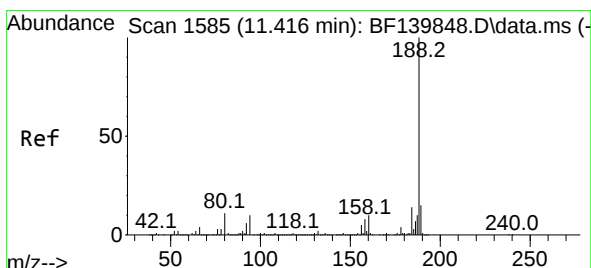
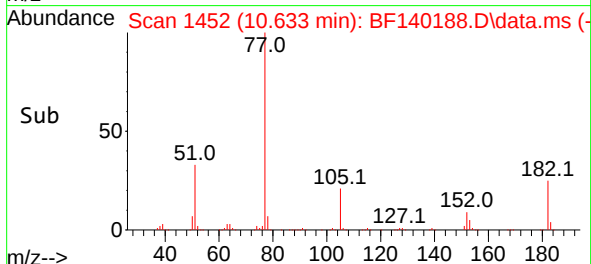
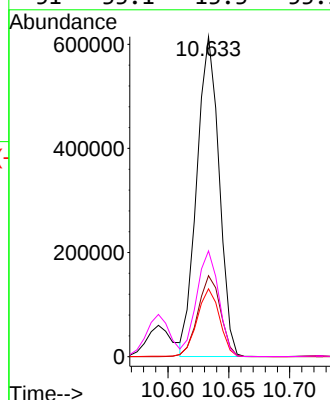
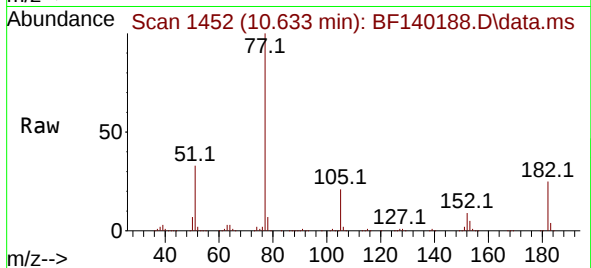
Tgt Ion: 77	Resp: 78249
Ion Ratio	Lower Upper
77 100	
182 25.3	3.3 43.3
105 21.2	1.2 41.2
51 33.1	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

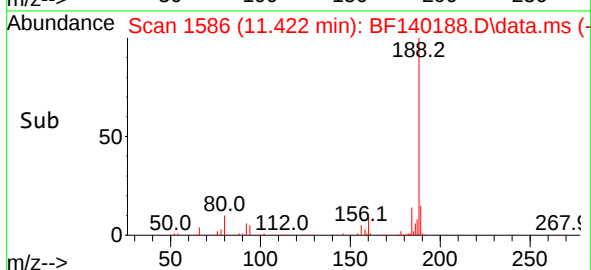
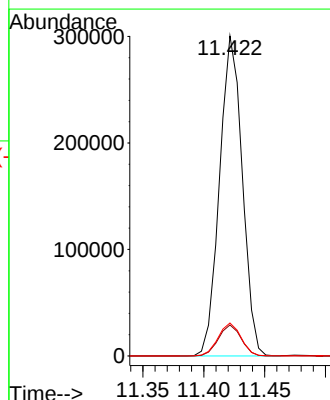
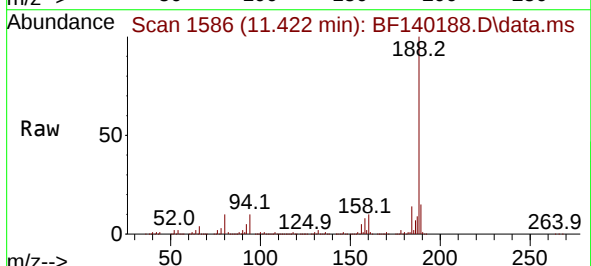
RT: 11.422 min Scan# 1586

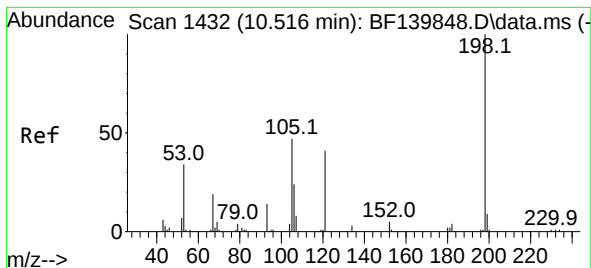
Delta R.T. 0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

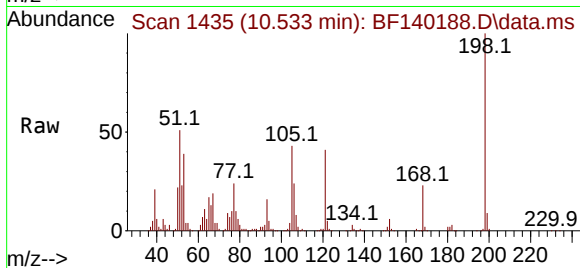
Tgt Ion:188	Resp: 391246
Ion Ratio	Lower Upper
188 100	
94 9.7	7.9 11.9
80 10.3	9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 88.207 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.017 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

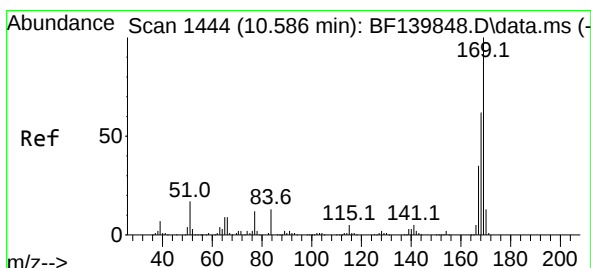
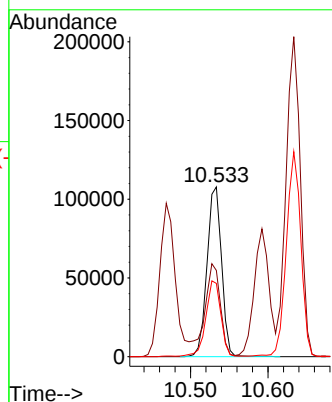
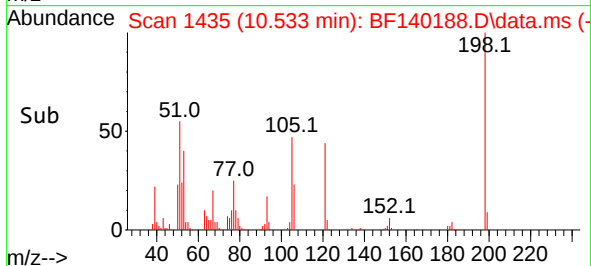
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:198 Resp: 140768
Ion Ratio Lower Upper
198 100
51 50.8 38.2 78.2
105 43.2 27.9 67.9

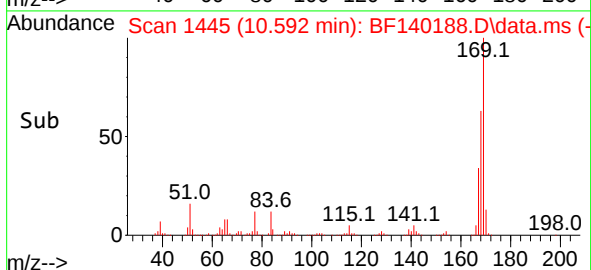
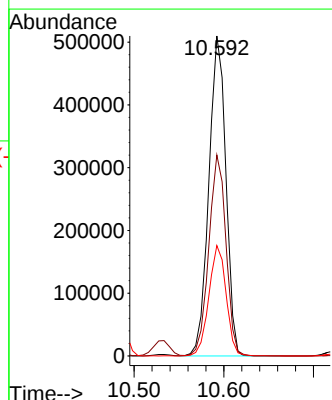
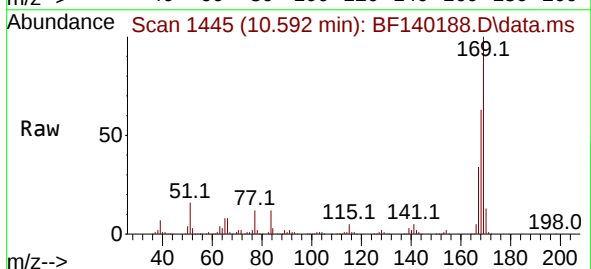
Manual Integrations
APPROVED

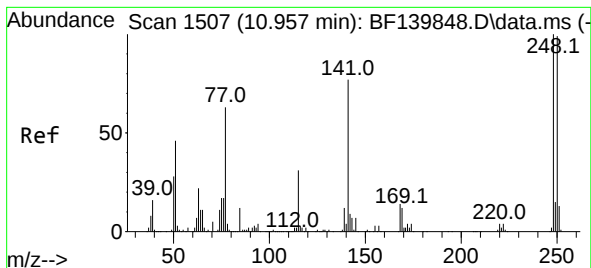
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 57.391 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

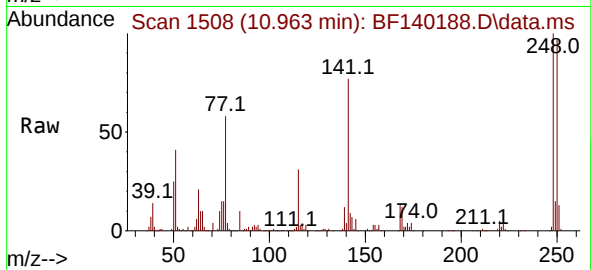
Tgt Ion:169 Resp: 672045
Ion Ratio Lower Upper
169 100
168 62.8 49.8 74.6
167 34.5 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 57.007 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

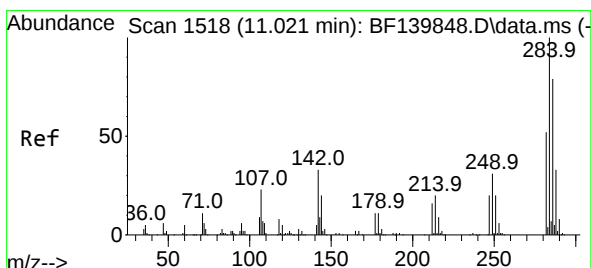
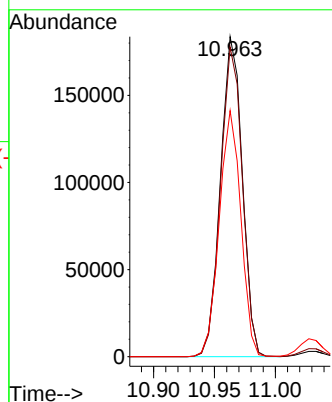
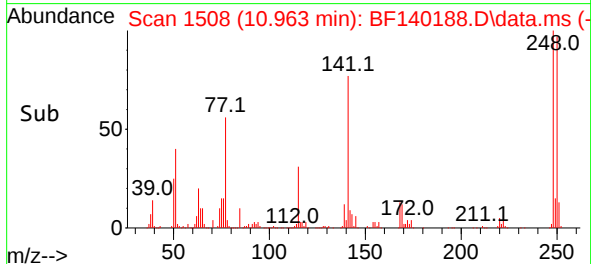
Instrument :
BNA_F
ClientSampleId :
TP-1MS



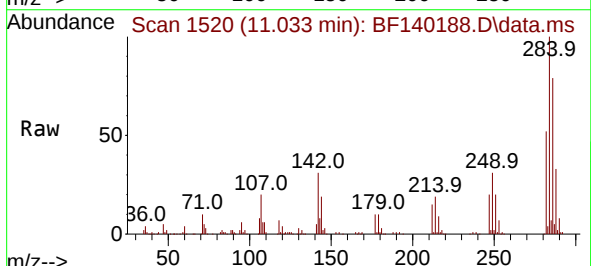
Tgt Ion:248 Resp: 229770
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.6
141 76.9 61.7 92.5

Manual Integrations
APPROVED

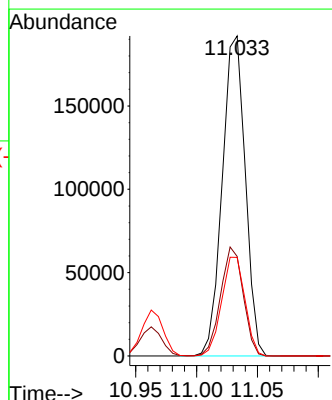
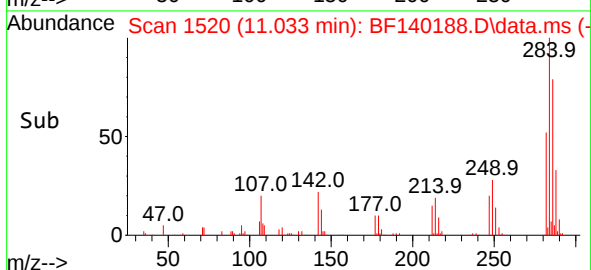
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

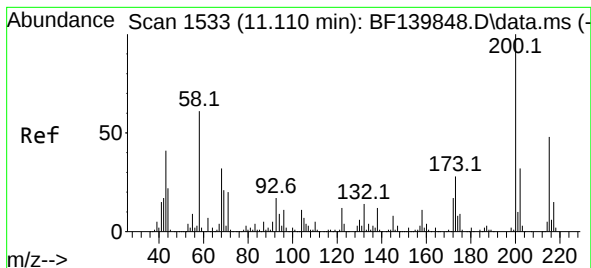


#68
Hexachlorobenzene
Concen: 55.800 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



Tgt Ion:284 Resp: 252944
Ion Ratio Lower Upper
284 100
142 31.1 26.9 40.3
249 30.8 25.3 37.9





#69

Atrazine

Concen: 69.474 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 22037

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

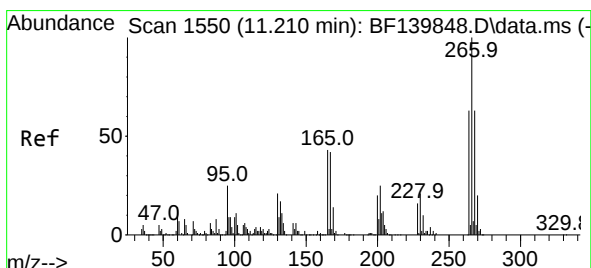
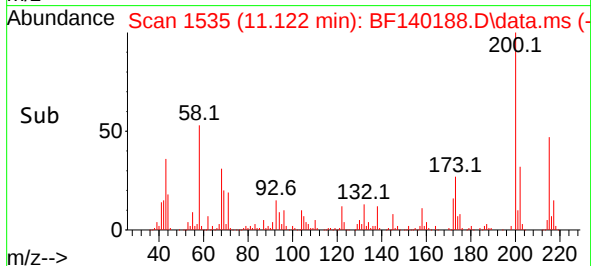
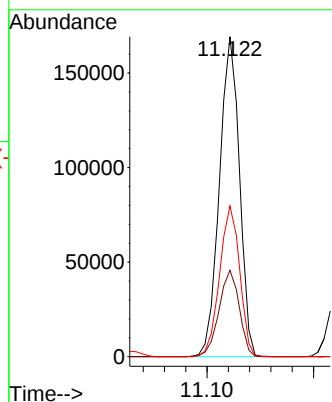
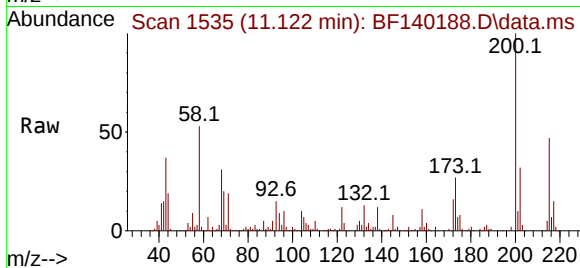
215 47.1 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 114.214 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.018 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

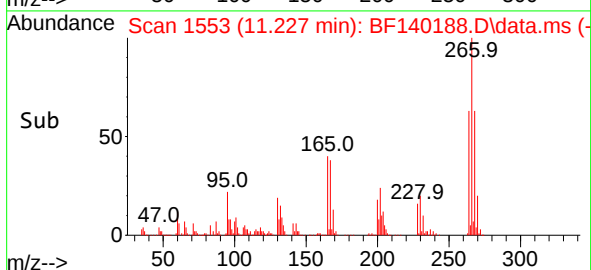
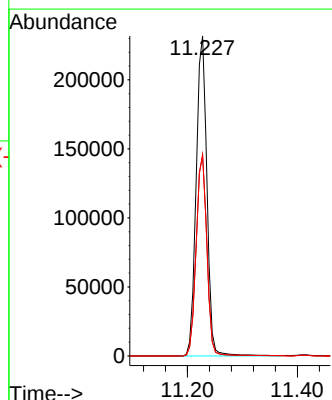
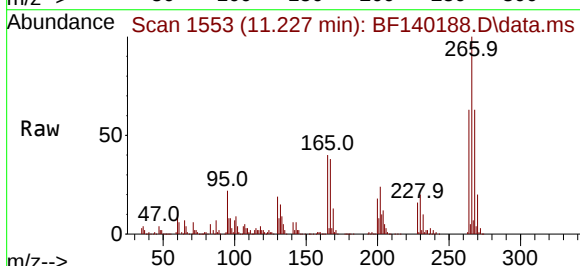
Tgt Ion:266 Resp: 314219

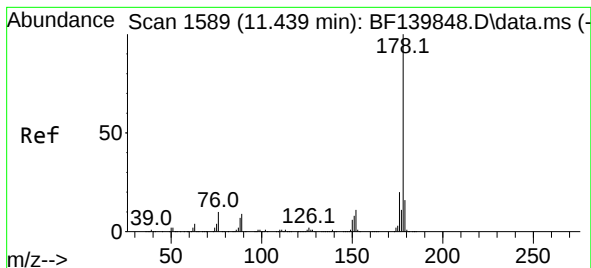
Ion Ratio Lower Upper

266 100

268 62.8 50.4 75.6

264 62.8 50.6 75.8





#71

Phenanthrene

Concen: 56.145 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.012 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:178 Resp: 1037608

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

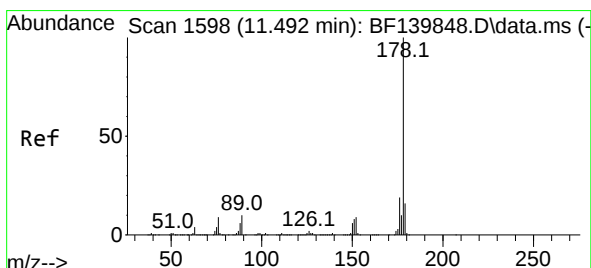
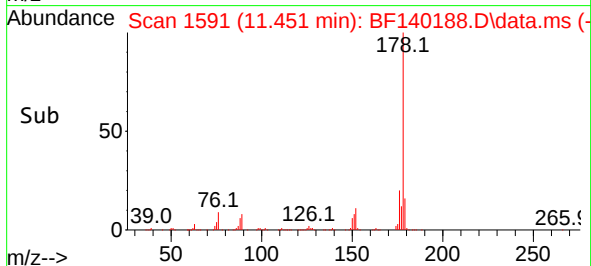
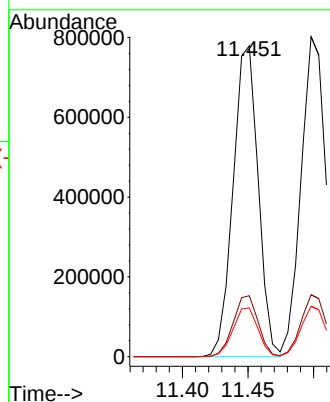
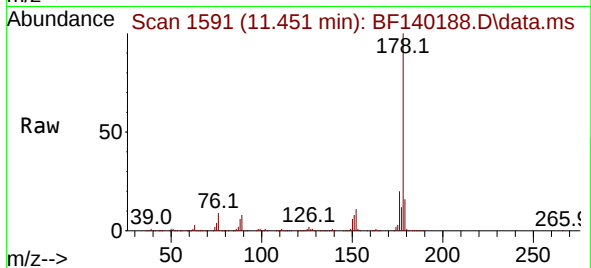
179 15.7 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#72

Anthracene

Concen: 58.205 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

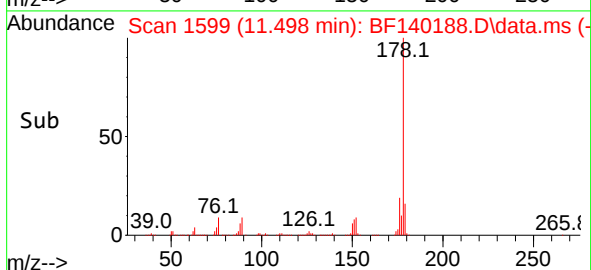
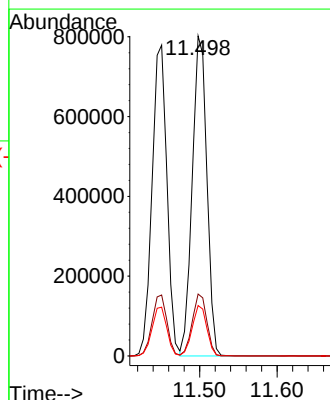
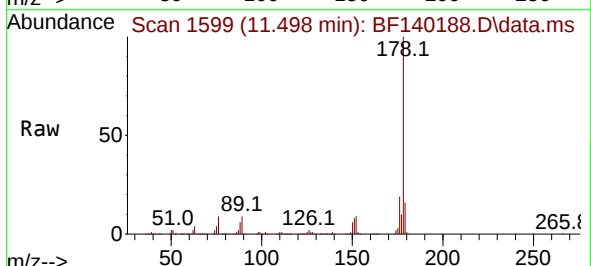
Tgt Ion:178 Resp: 1049527

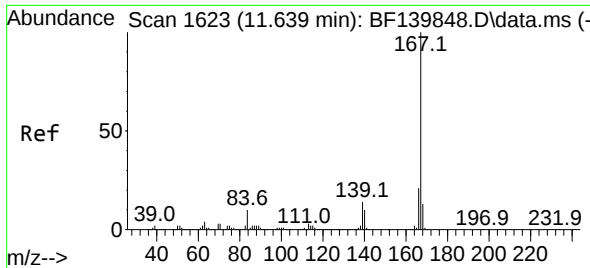
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

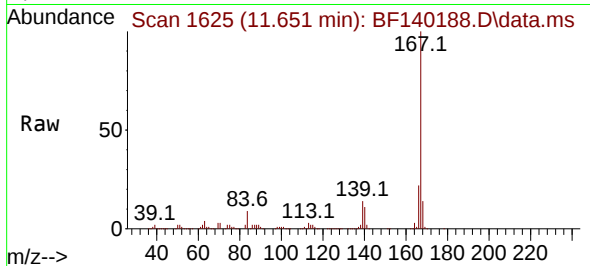
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 54.179 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. 0.012 min
 Lab File: BF140188.D
 Acq: 31 Oct 2024 14:48

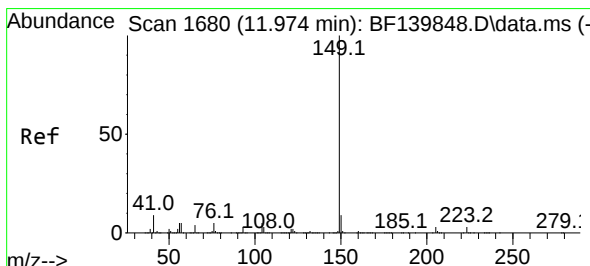
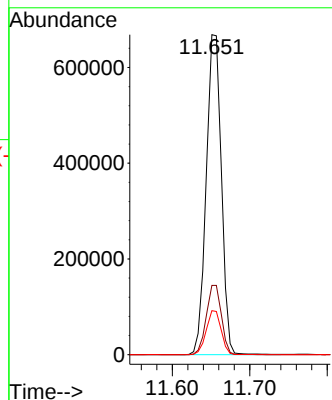
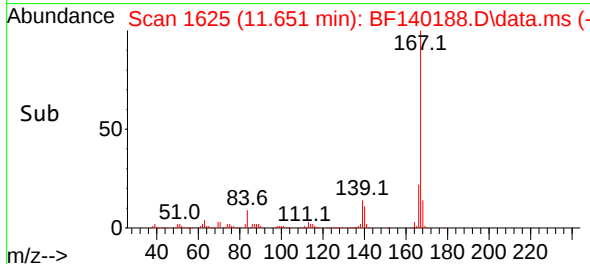
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



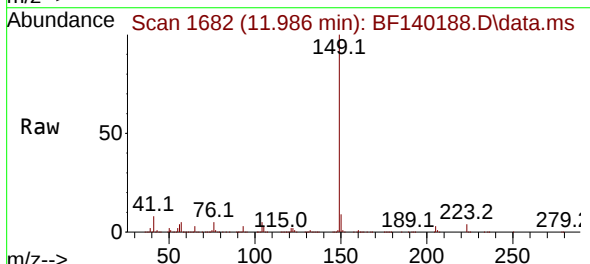
Tgt Ion:167 Resp: 90856
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.8 10.8 16.2

Manual Integrations
 APPROVED

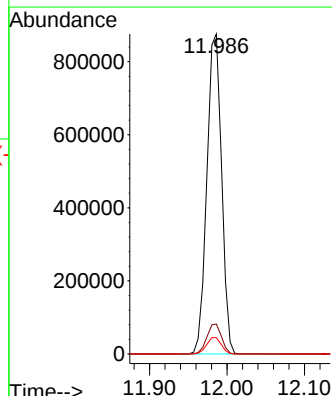
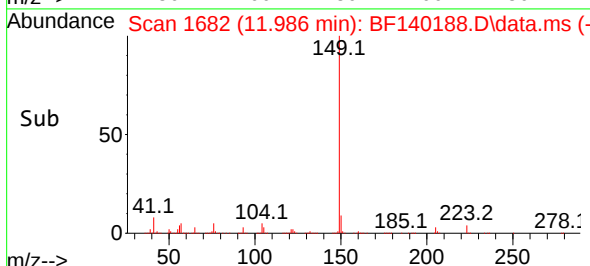
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

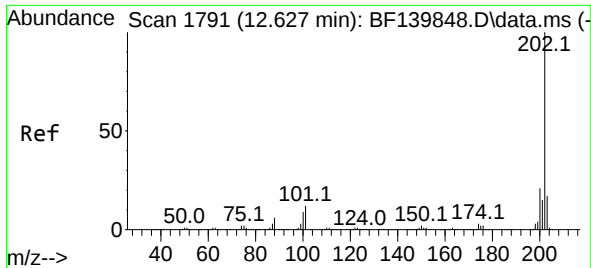


#74
 Di-n-butylphthalate
 Concen: 59.491 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. 0.012 min
 Lab File: BF140188.D
 Acq: 31 Oct 2024 14:48



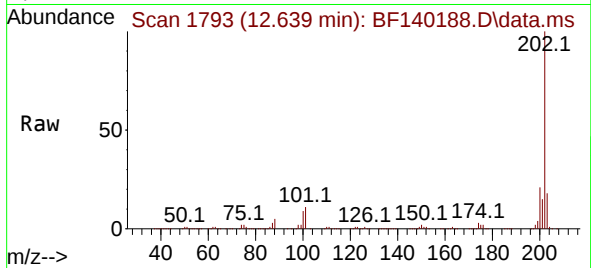
Tgt Ion:149 Resp: 1152620
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 51.930 ng
RT: 12.639 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

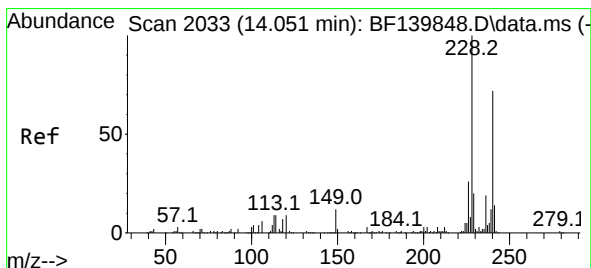
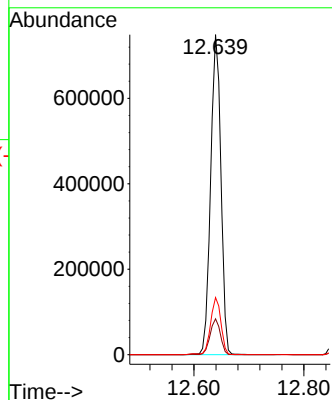
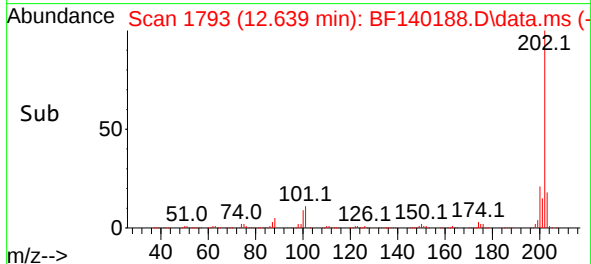
Instrument :
BNA_F
ClientSampleId :
TP-1MS



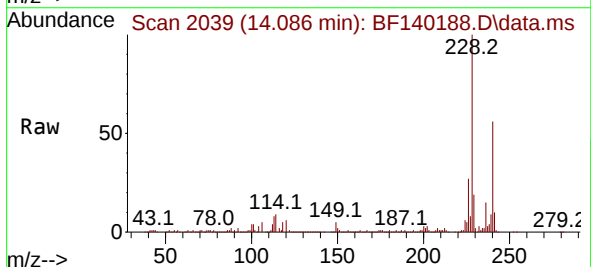
Tgt Ion:202 Resp: 970190
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.8 0.0 37.5

Manual Integrations
APPROVED

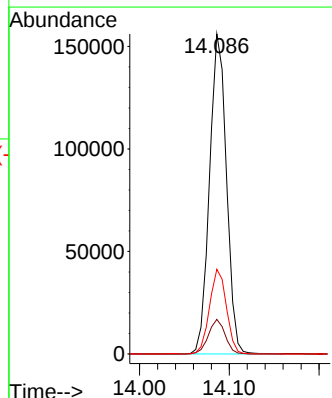
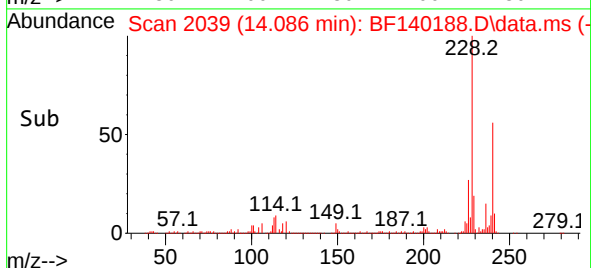
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

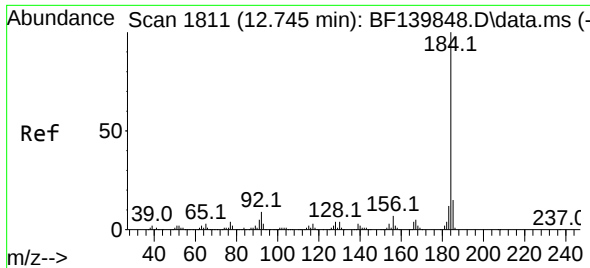


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2039
Delta R.T. 0.035 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



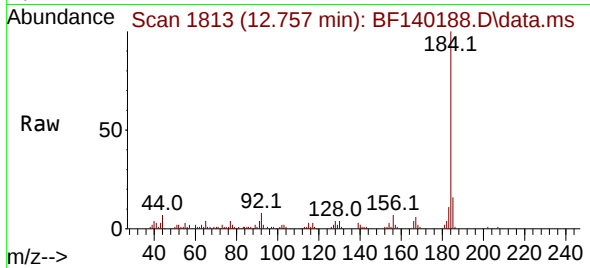
Tgt Ion:240 Resp: 204523
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.5 20.9 31.3





#77
Benzidine
Concen: 15.397 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

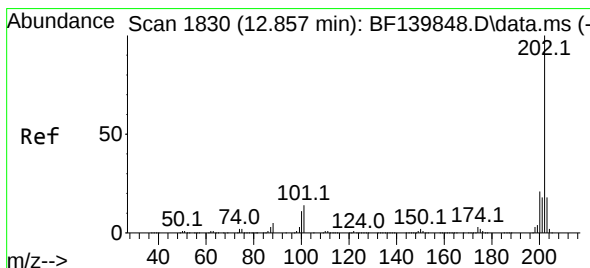
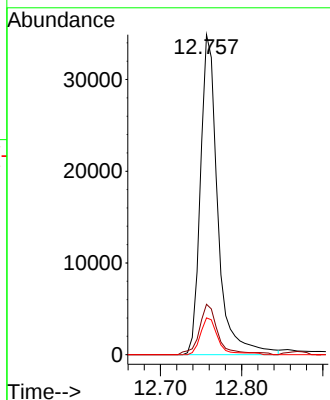
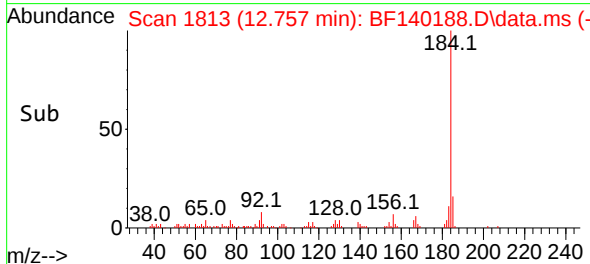
Instrument :
BNA_F
ClientSampleId :
TP-1MS



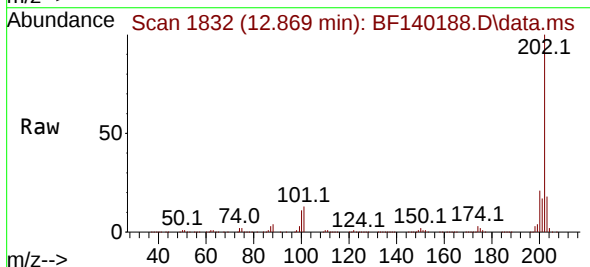
Tgt Ion:184 Resp: 51780
Ion Ratio Lower Upper
184 100
185 15.7 12.0 18.0
183 11.5 9.4 14.2

Manual Integrations
APPROVED

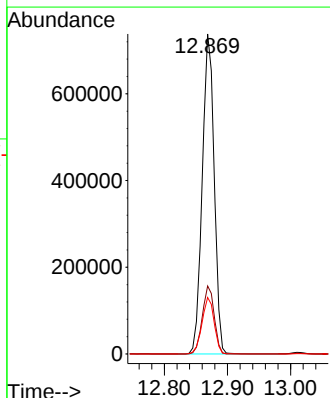
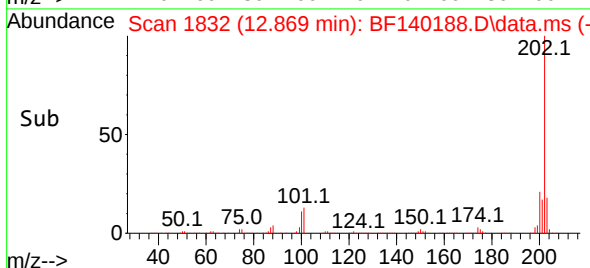
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

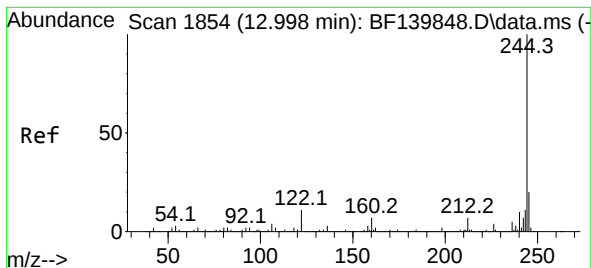


#78
Pyrene
Concen: 54.012 ng
RT: 12.869 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



Tgt Ion:202 Resp: 966952
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 115.443 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.018 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:244 Resp: 144897

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

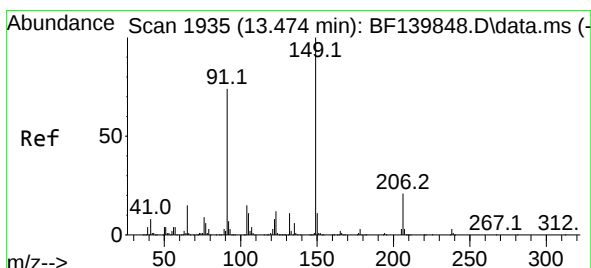
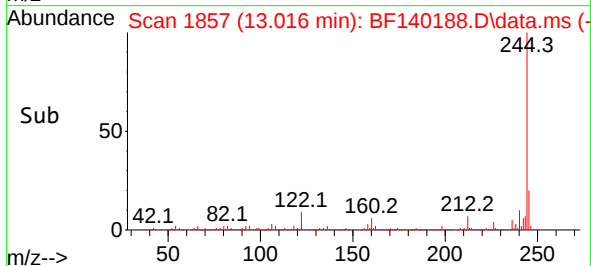
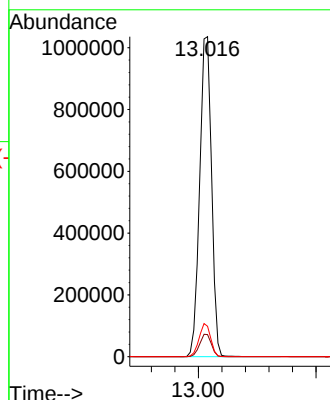
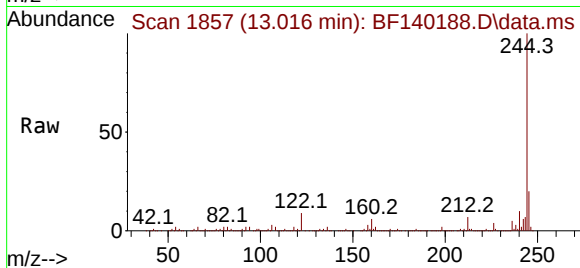
122 9.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 73.535 ng

RT: 13.492 min Scan# 1938

Delta R.T. 0.018 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

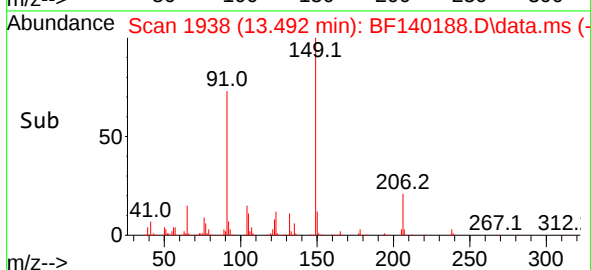
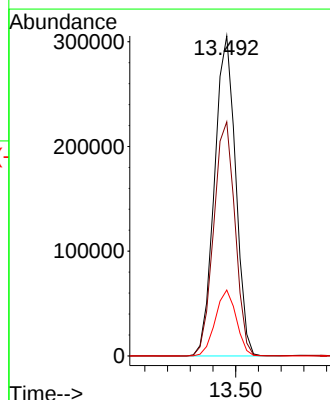
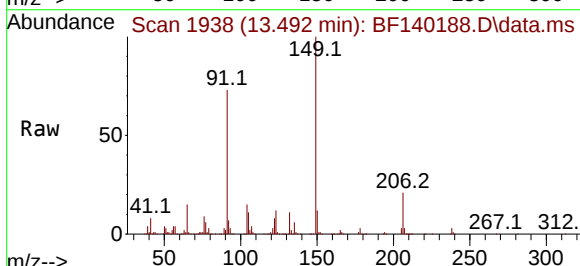
Tgt Ion:149 Resp: 394680

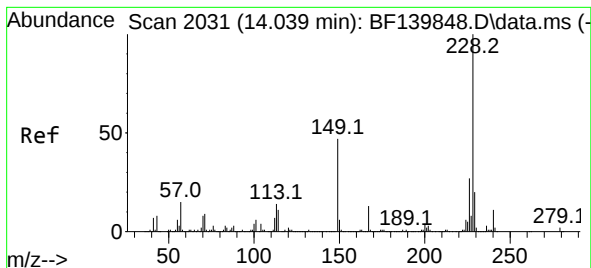
Ion Ratio Lower Upper

149 100

91 73.1 59.4 89.2

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 58.371 ng

RT: 14.074 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 77713

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

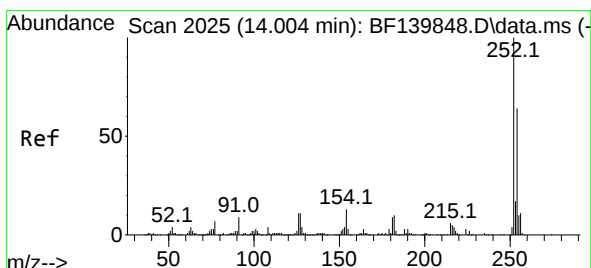
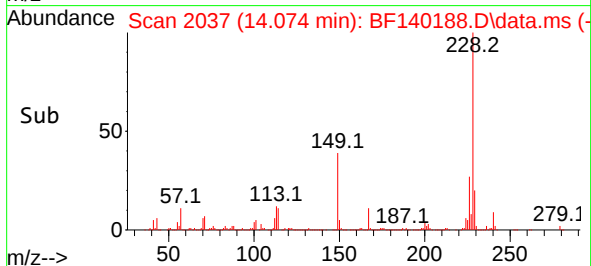
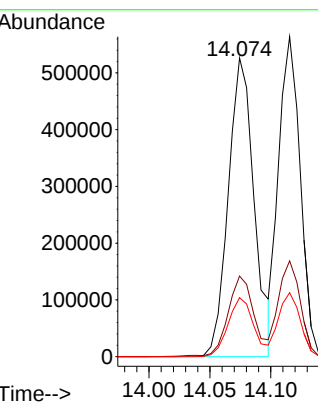
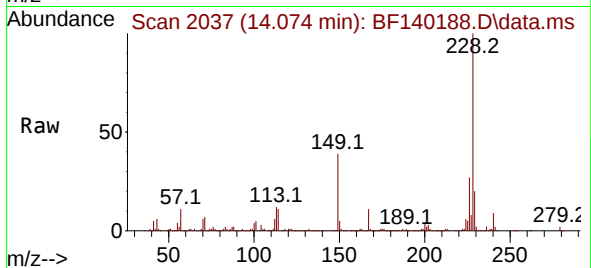
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.792 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

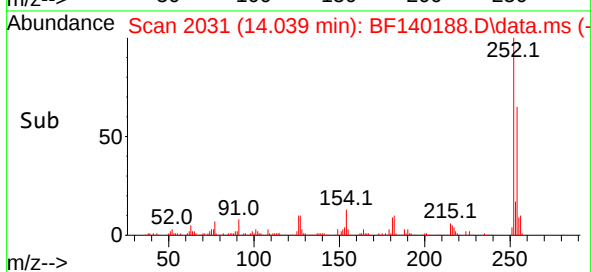
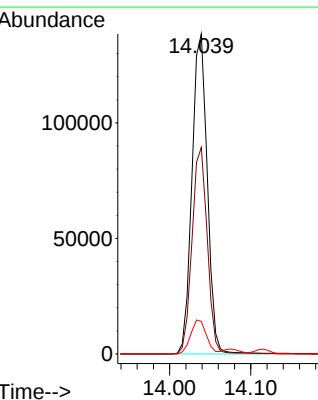
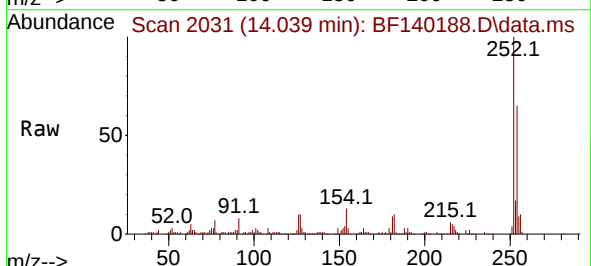
Tgt Ion:252 Resp: 181641

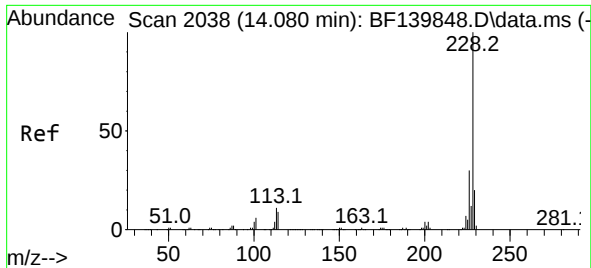
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

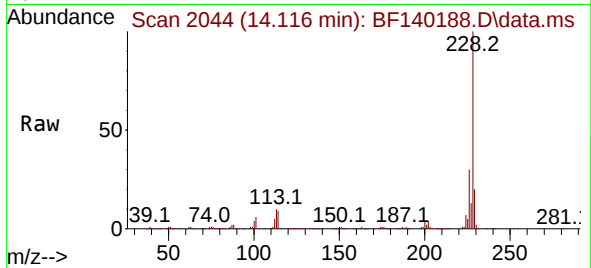
126 10.2 8.9 13.3





#83
Chrysene
Concen: 57.326 ng
RT: 14.116 min Scan# 2044
Delta R.T. 0.035 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

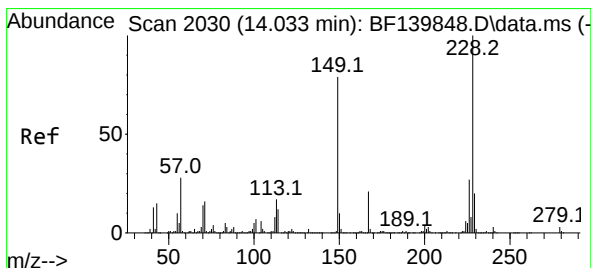
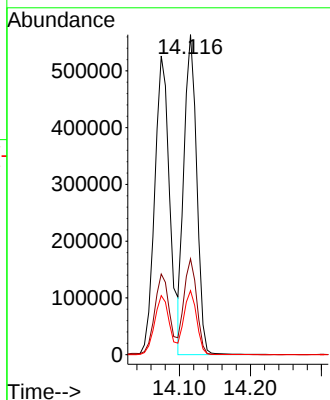
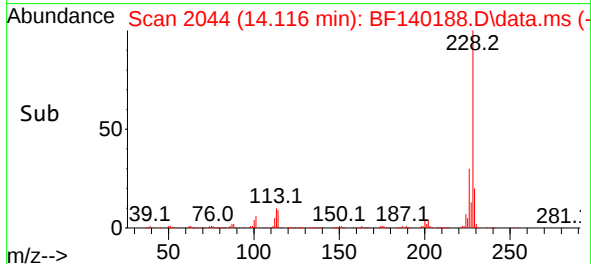
Instrument :
BNA_F
ClientSampleId :
TP-1MS



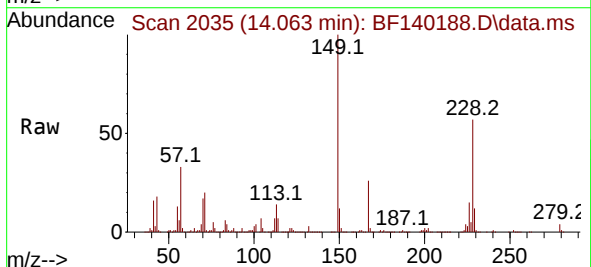
Tgt Ion:228 Resp: 699790
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.0 15.8 23.6

Manual Integrations
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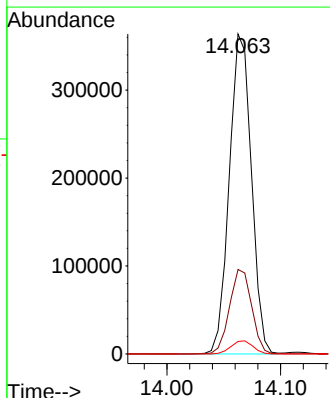
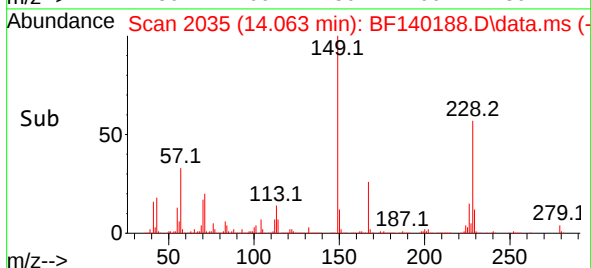
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

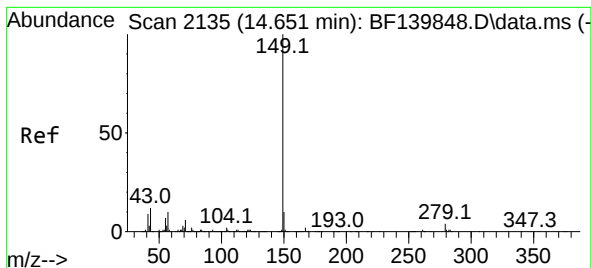


#84
Bis(2-ethylhexyl)phthalate
Concen: 81.584 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.030 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



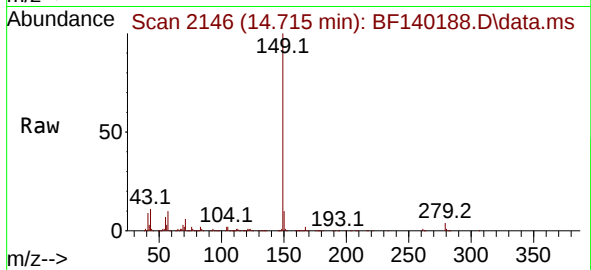
Tgt Ion:149 Resp: 491278
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 70.908 ng
RT: 14.715 min Scan# 2146
Delta R.T. 0.064 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

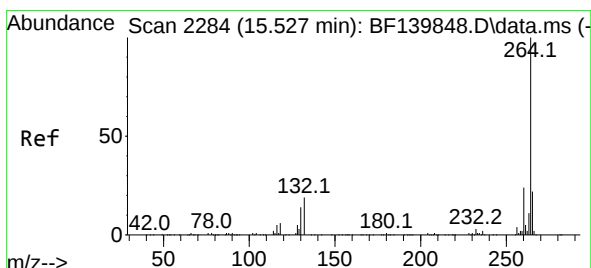
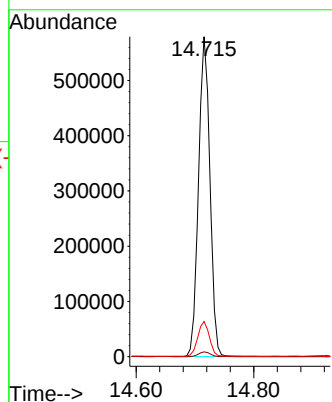
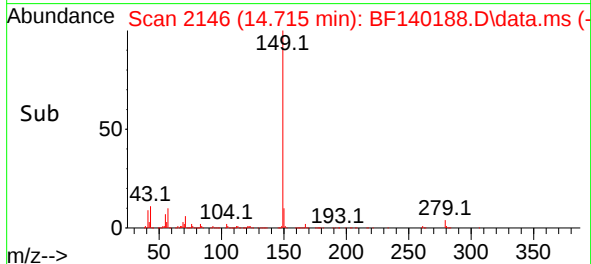
Instrument :
BNA_F
ClientSampleId :
TP-1MS



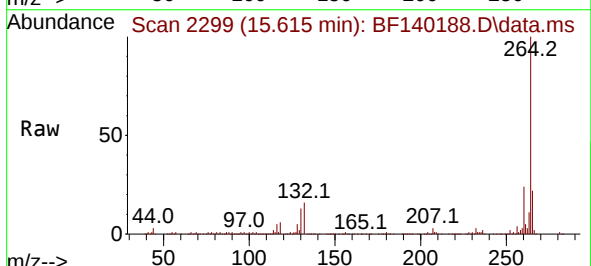
Tgt Ion:149 Resp: 77664
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 9.8 14.6

Manual Integrations
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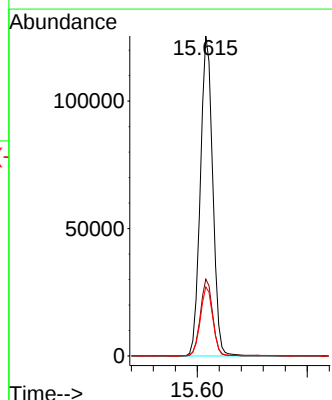
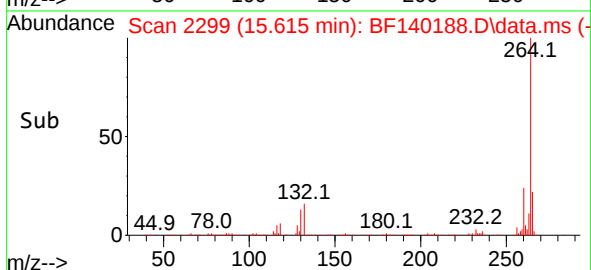
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

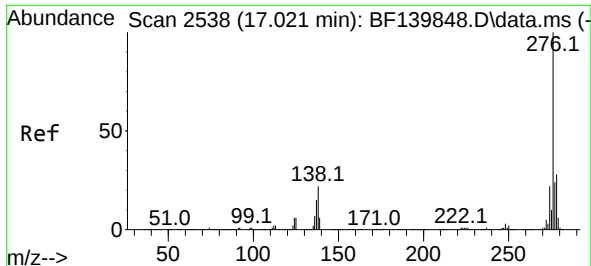


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2299
Delta R.T. 0.088 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48



Tgt Ion:264 Resp: 196729
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.6 17.4 26.0





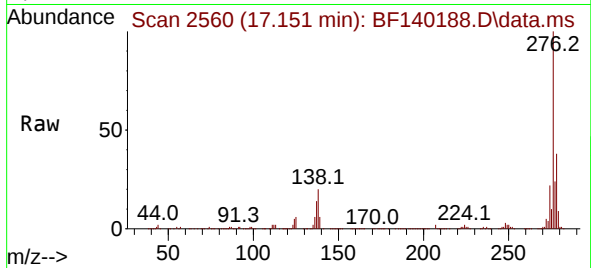
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.424 ng
 RT: 17.151 min Scan# 21
 Delta R.T. 0.130 min
 Lab File: BF140188.D
 Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

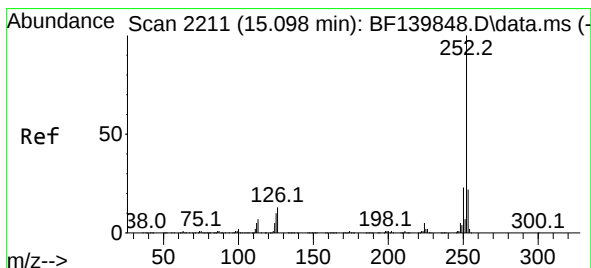
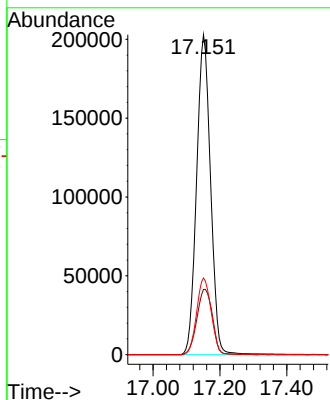
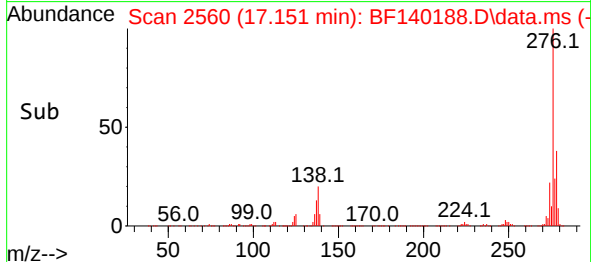


Tgt Ion:276 Resp: 58755
 Ion Ratio Lower Upper
 276 100
 138 22.8 20.4 30.6
 277 24.9 20.2 30.4

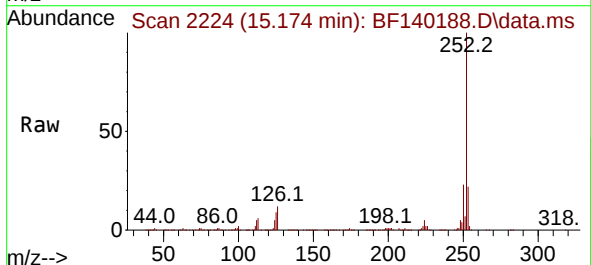
Manual Integrations

APPROVED

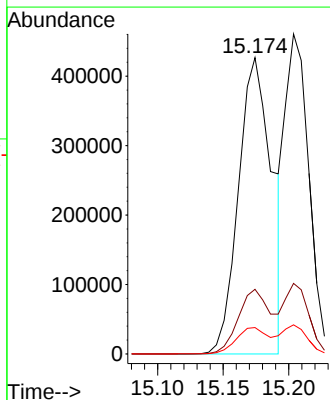
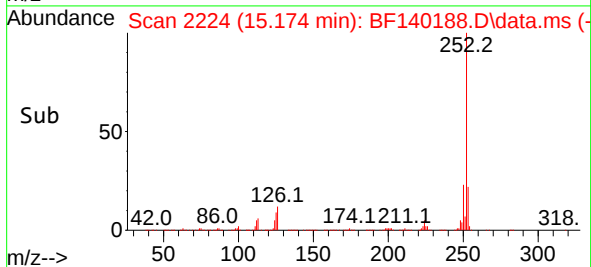
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

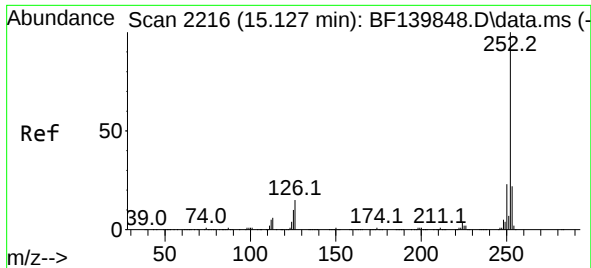


#88
 Benzo(b)fluoranthene
 Concen: 63.137 ng
 RT: 15.174 min Scan# 2224
 Delta R.T. 0.077 min
 Lab File: BF140188.D
 Acq: 31 Oct 2024 14:48



Tgt Ion:252 Resp: 756624
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 8.9 7.9 11.9





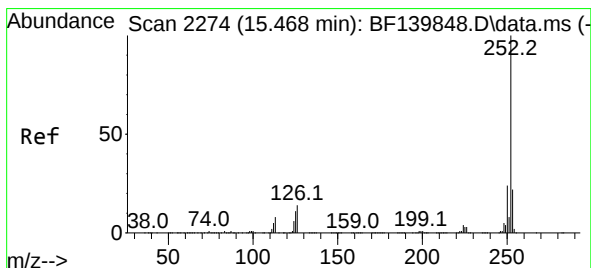
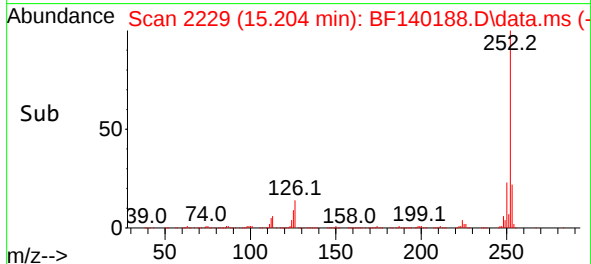
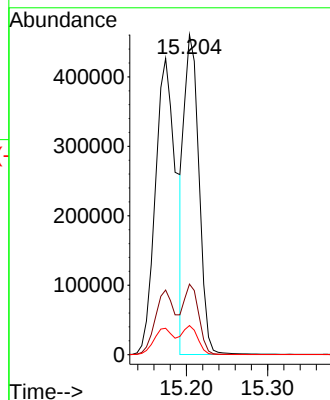
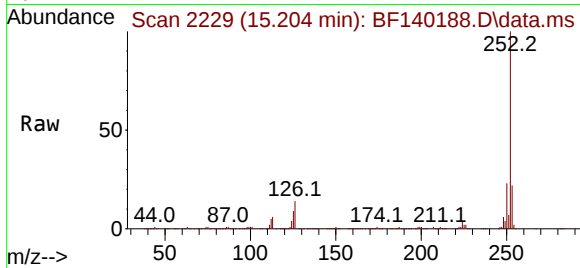
#89
Benzo(k)fluoranthene
Concen: 56.376 ng
RT: 15.204 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:252 Resp: 58265
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.1 7.9 11.9

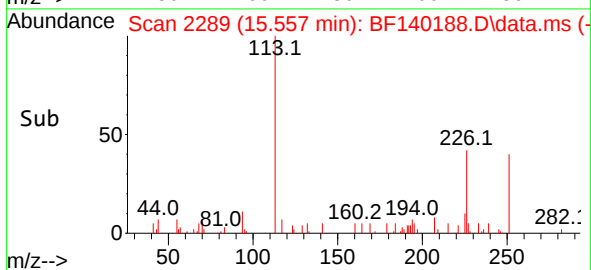
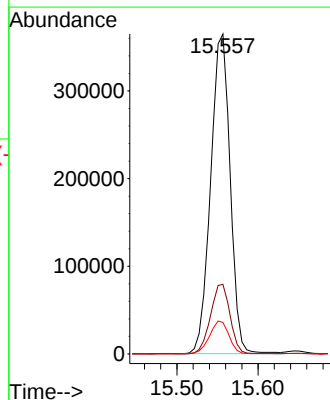
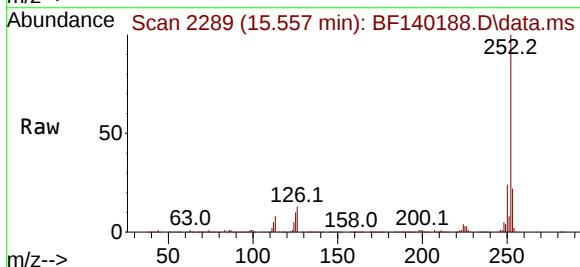
Manual Integrations
APPROVED

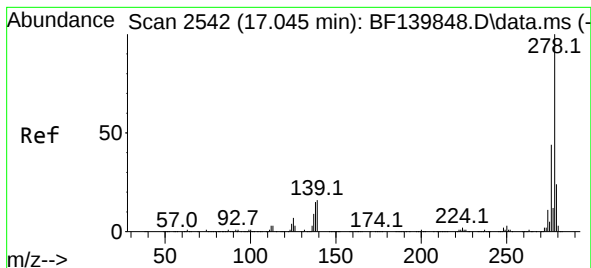
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 61.614 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.088 min
Lab File: BF140188.D
Acq: 31 Oct 2024 14:48

Tgt Ion:252 Resp: 607559
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.944 ng

RT: 17.174 min Scan# 2

Delta R.T. 0.130 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:278 Resp: 48507

Ion Ratio Lower Upper

278 100

139 14.4 13.1 19.7

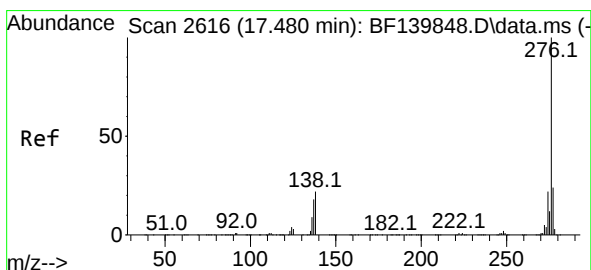
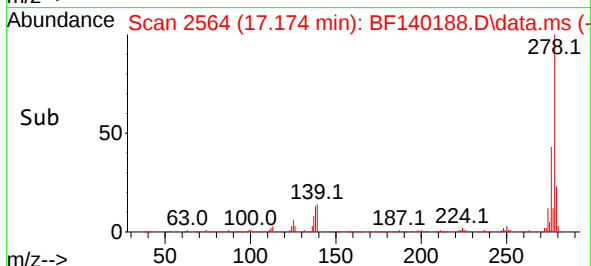
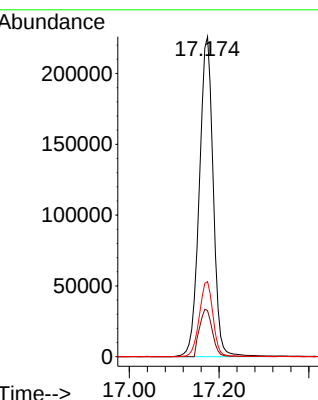
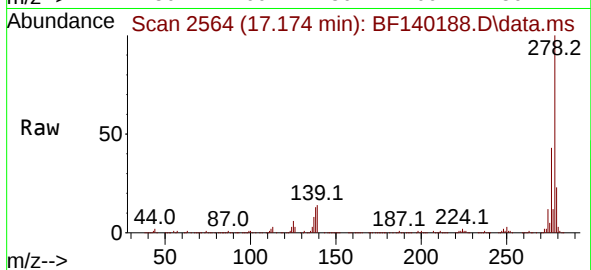
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 40.059 ng

RT: 17.615 min Scan# 2639

Delta R.T. 0.135 min

Lab File: BF140188.D

Acq: 31 Oct 2024 14:48

Tgt Ion:276 Resp: 422462

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 19.8 17.4 26.0

