

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139728.D
 Acq On : 09 Oct 2024 17:59
 Operator : RC/JU
 Sample : P4321-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-6MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:10:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	90373	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332020	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171080	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	266045	20.000	ng	0.00
76) Chrysene-d12	14.039	240	174817	20.000	ng	0.00
86) Perylene-d12	15.509	264	165297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	433677	83.174	ng	0.00
7) Phenol-d6	6.504	99	574128	81.880	ng	0.00
23) Nitrobenzene-d5	7.434	82	382599	58.343	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	116798	70.722	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	609939	54.733	ng	0.00
79) Terphenyl-d14	12.974	244	431226	40.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	103242	45.798	ng	99
3) Pyridine	3.440	79	262406	47.862	ng	99
4) n-Nitrosodimethylamine	3.404	42	173472	48.339	ng	97
6) Aniline	6.534	93	204016	32.789	ng	94
8) 2-Chlorophenol	6.657	128	279376	50.011	ng	98
9) Benzaldehyde	6.416	77	92775	24.978	ng	95
10) Phenol	6.522	94	365296	49.545	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	278845	46.450	ng	99
12) 1,3-Dichlorobenzene	6.810	146	293133	46.645	ng	98
13) 1,4-Dichlorobenzene	6.886	146	296407	46.569	ng	99
14) 1,2-Dichlorobenzene	7.039	146	282499	47.357	ng	99
15) Benzyl Alcohol	7.010	79	265369	49.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	502269	48.330	ng	83
17) 2-Methylphenol	7.128	107	224889	48.222	ng	98
18) Hexachloroethane	7.381	117	107558	45.306	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	211385	46.891	ng	99
20) 3+4-Methylphenols	7.281	107	284126	48.505	ng	98
22) Acetophenone	7.275	105	390798	49.587	ng	96
24) Nitrobenzene	7.451	77	319908	47.111	ng	99
25) Isophorone	7.692	82	569621	48.906	ng	100
26) 2-Nitrophenol	7.769	139	149971	51.373	ng	99
27) 2,4-Dimethylphenol	7.804	122	216321	60.531	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	338936	48.732	ng	99
29) 2,4-Dichlorophenol	8.010	162	232717	49.925	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	243687	46.227	ng	99
31) Naphthalene	8.175	128	815457	48.036	ng	99
32) Benzoic acid	7.934	122	142712	40.161	ng	97
33) 4-Chloroaniline	8.222	127	59684	10.387	ng	98
34) Hexachlorobutadiene	8.286	225	155301	45.524	ng	99
35) Caprolactam	8.598	113	76180m	49.827	ng	
36) 4-Chloro-3-methylphenol	8.716	107	249559	47.295	ng	98
37) 2-Methylnaphthalene	8.863	142	526757	47.644	ng	100
38) 1-Methylnaphthalene	8.963	142	486479	45.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	245137	51.601	ng	98
41) Hexachlorocyclopentadiene	9.010	237	43580	29.917	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	162957	50.883	ng	98

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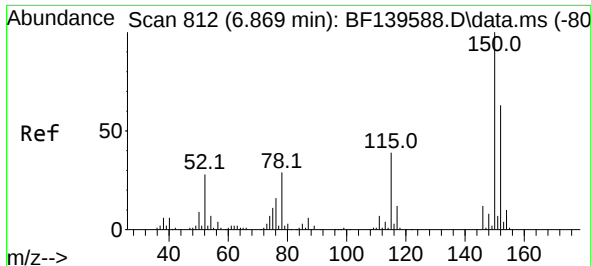
Quant Time: Oct 10 01:10:54 2024
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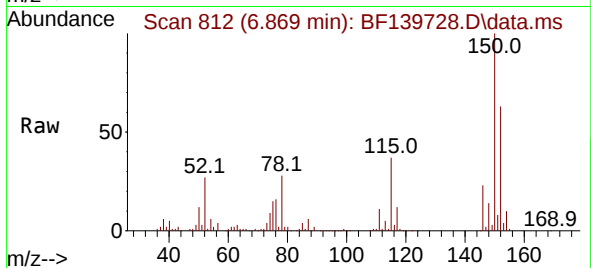
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	167364	48.459	ng	99
46) 1,1'-Biphenyl	9.328	154	642604	50.502	ng	99
47) 2-Chloronaphthalene	9.351	162	473619	49.650	ng	99
48) 2-Nitroaniline	9.451	65	176997	51.689	ng	99
49) Acenaphthylene	9.769	152	753360	51.931	ng	100
50) Dimethylphthalate	9.627	163	580145	51.803	ng	100
51) 2,6-Dinitrotoluene	9.692	165	122429	48.394	ng	95
52) Acenaphthene	9.939	154	478910	48.088	ng	99
53) 3-Nitroaniline	9.863	138	88512	34.237	ng	97
54) 2,4-Dinitrophenol	9.969	184	40234	29.569	ng	99
55) Dibenzofuran	10.110	168	678036	48.626	ng	99
56) 4-Nitrophenol	10.033	139	172422	87.458	ng	95
57) 2,4-Dinitrotoluene	10.098	165	155378	46.988	ng	99
58) Fluorene	10.457	166	514559	46.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	129688	46.492	ng	97
60) Diethylphthalate	10.327	149	573232	49.556	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	259323	46.672	ng	98
62) 4-Nitroaniline	10.475	138	106514	40.279	ng	97
63) Azobenzene	10.604	77	633250	54.436	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	33401	22.229	ng	97
66) n-Nitrosodiphenylamine	10.563	169	448394	57.178	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	144216	52.869	ng	95
68) Hexachlorobenzene	11.004	284	149614	49.429	ng	98
69) Atrazine	11.092	200	135608	64.451	ng	98
70) Pentachlorophenol	11.198	266	156694	86.939	ng	99
71) Phenanthrene	11.422	178	727879	58.025	ng	100
72) Anthracene	11.469	178	667281	53.770	ng	100
73) Carbazole	11.627	167	583807	48.980	ng	100
74) Di-n-butylphthalate	11.951	149	781434	53.914	ng	100
75) Fluoranthene	12.610	202	799887	58.332	ng	99
77) Benzidine	12.727	184	167238	54.235	ng	100
78) Pyrene	12.839	202	814831	52.114	ng	99
80) Butylbenzylphthalate	13.451	149	272068	48.647	ng	98
81) Benzo(a)anthracene	14.027	228	680860	59.238	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	151813	43.159	ng	99
83) Chrysene	14.063	228	609946	58.046	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	384378	55.040	ng	99
85) Di-n-octyl phthalate	14.621	149	642989	62.672	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	397566	40.864	ng	100
88) Benzo(b)fluoranthene	15.080	252	676120	63.261	ng	99
89) Benzo(k)fluoranthene	15.110	252	469650	51.803	ng	99
90) Benzo(a)pyrene	15.451	252	508046	60.285	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	318041	39.413	ng	99
92) Benzo(g,h,i)perylene	17.439	276	288499	35.649	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

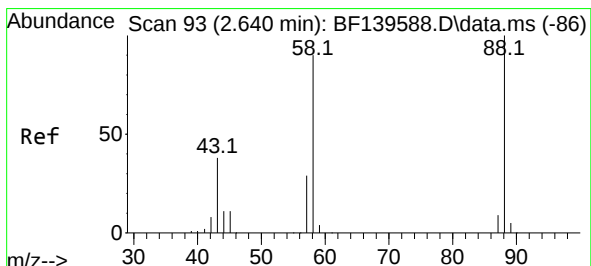
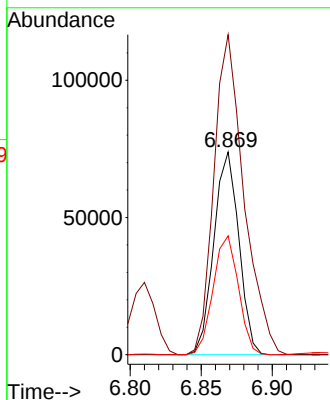
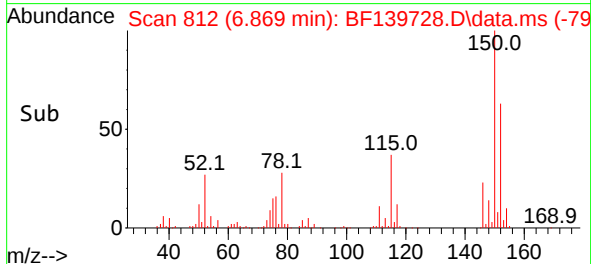
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:152 Resp: 9037
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 58.7 49.0 73.4

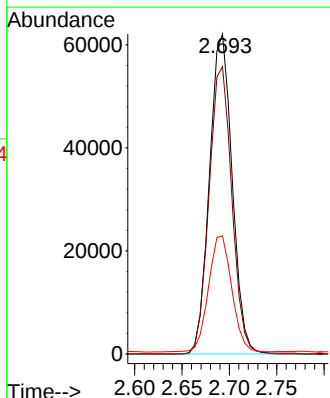
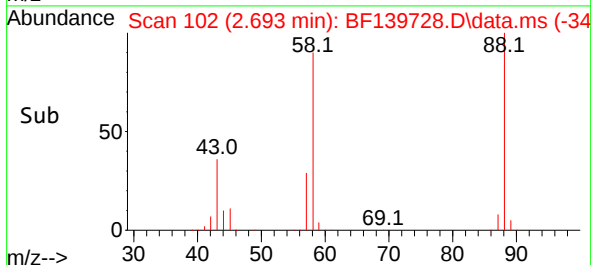
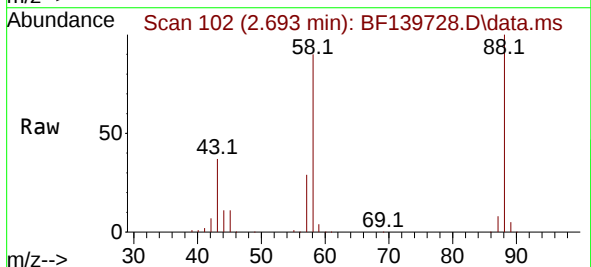
Manual Integrations
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Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 45.798 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.053 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion: 88 Resp: 103242
Ion Ratio Lower Upper
88 100
58 90.5 72.0 108.0
43 37.4 30.8 46.2





#3

Pyridine

Concen: 47.862 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion: 79 Resp: 262400

Ion Ratio Lower Upper

79 100

52 90.4 72.6 109.0

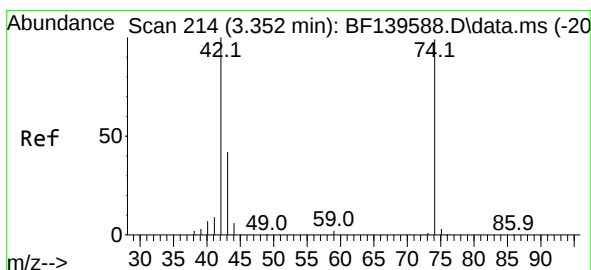
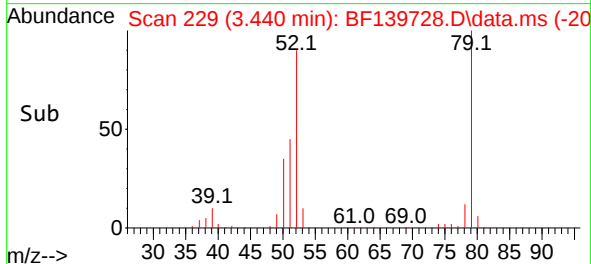
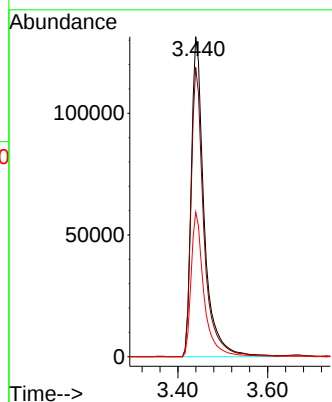
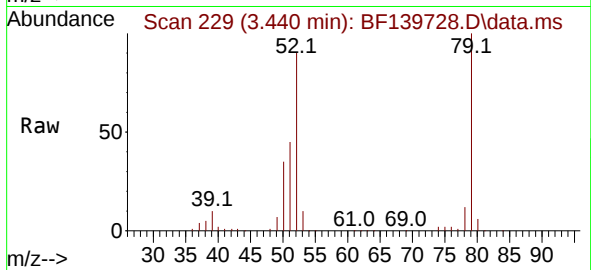
51 45.2 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#4

n-Nitrosodimethylamine

Concen: 48.339 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.053 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

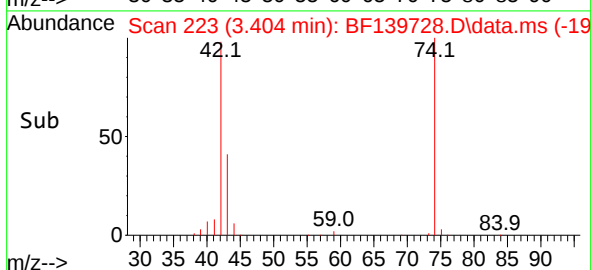
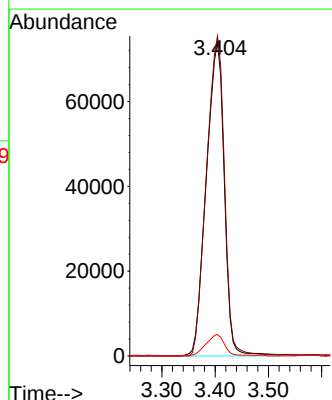
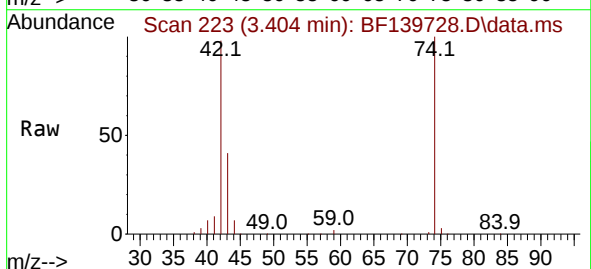
Tgt Ion: 42 Resp: 173472

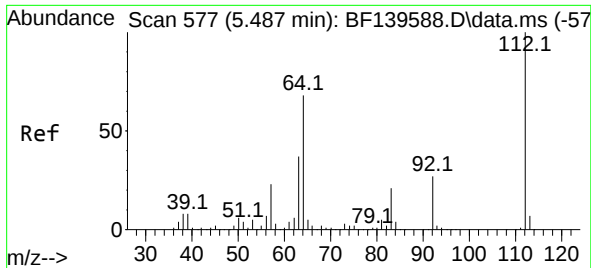
Ion Ratio Lower Upper

42 100

74 102.2 79.0 118.6

44 6.8 5.2 7.8





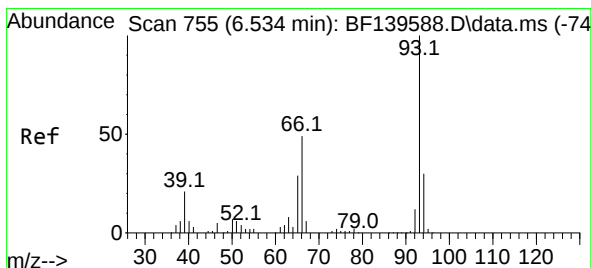
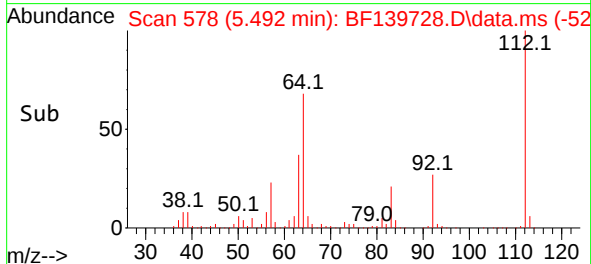
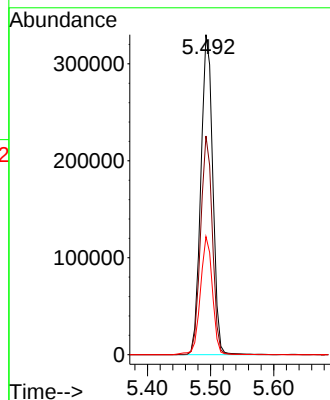
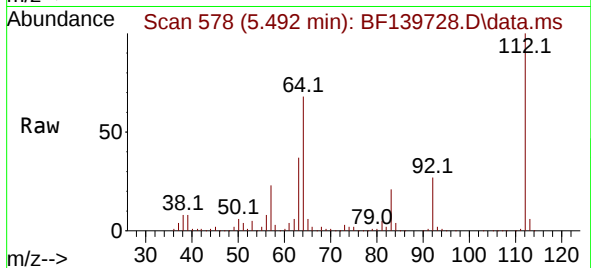
#5
2-Fluorophenol
Concen: 83.174 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:112 Resp: 43367
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.9 29.4 44.2

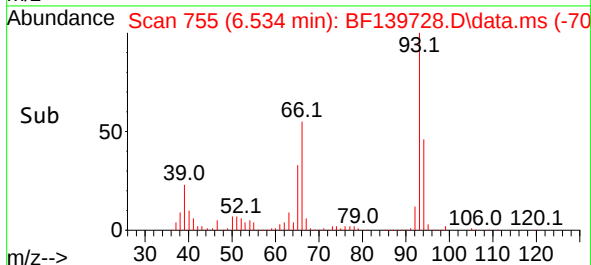
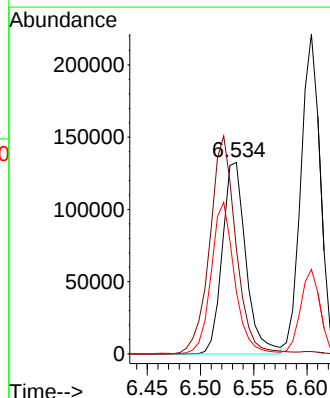
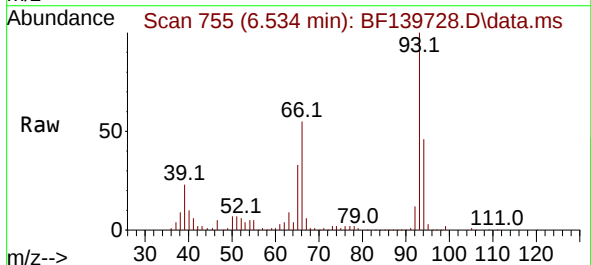
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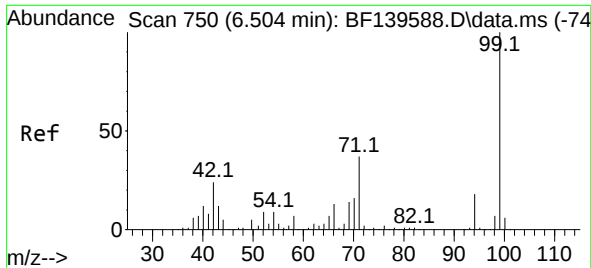
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 32.789 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

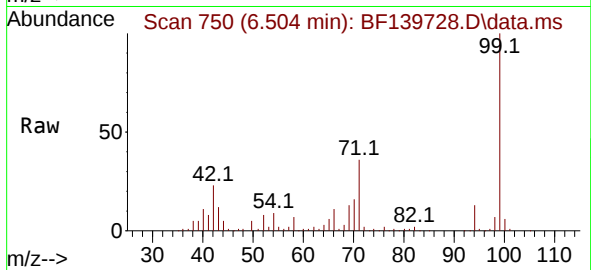
Tgt Ion: 93 Resp: 204016
Ion Ratio Lower Upper
93 100
66 55.1 40.9 61.3
65 32.6 23.3 34.9





#7
Phenol-d6
Concen: 81.880 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

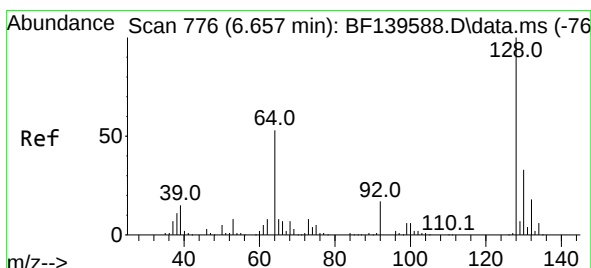
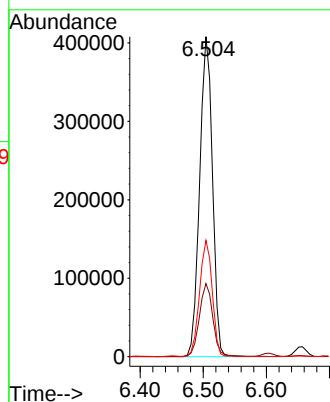
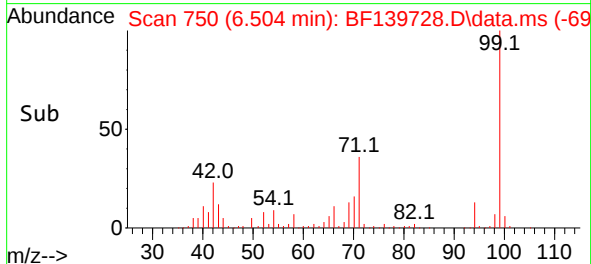
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion: 99 Resp: 574128
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.4 29.7 44.5

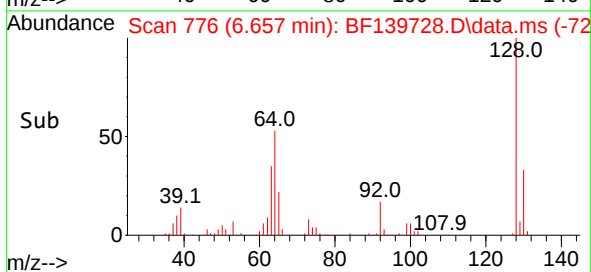
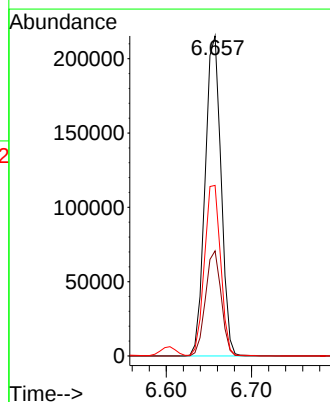
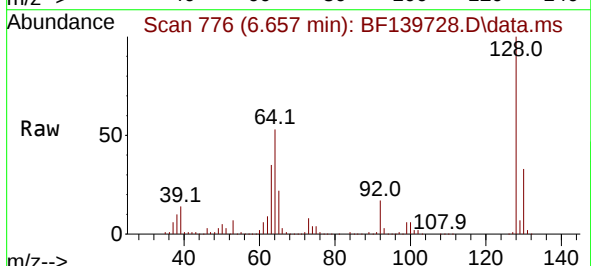
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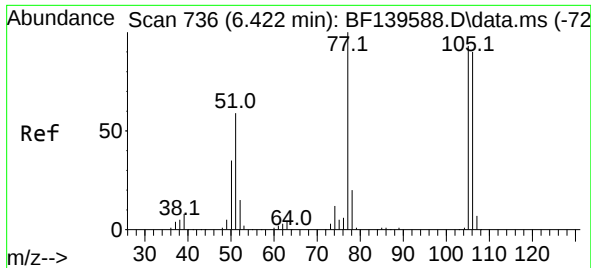
Reviewed By :Yogesh Patel 10/10/2024
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#8
2-Chlorophenol
Concen: 50.011 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:128 Resp: 279376
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 53.3 35.1 75.1





#9

Benzaldehyde

Concen: 24.978 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion: 77 Resp: 92778

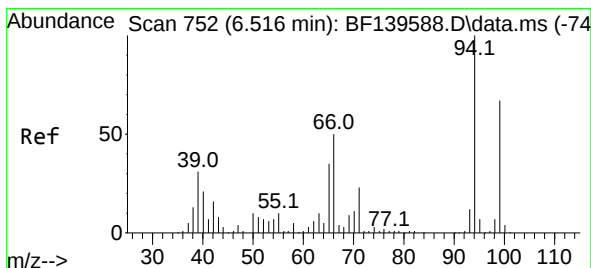
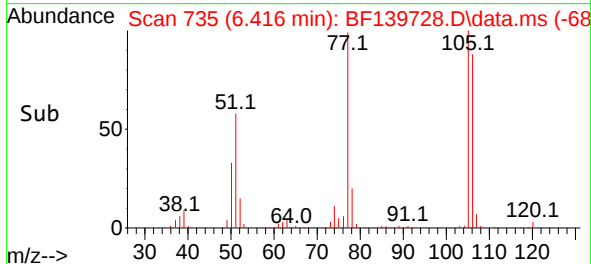
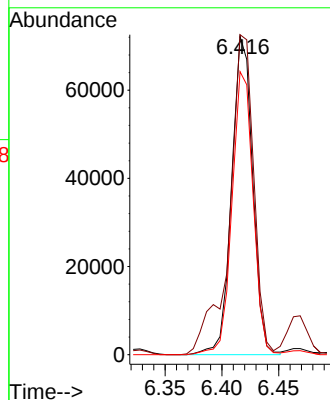
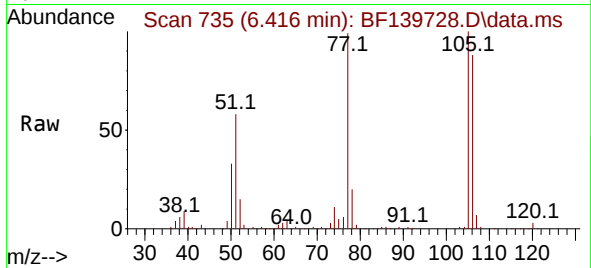
Ion	Ratio	Lower	Upper
77	100		
105	100.5	72.7	112.7
106	88.9	70.1	110.1

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#10

Phenol

Concen: 49.545 ng

RT: 6.522 min Scan# 753

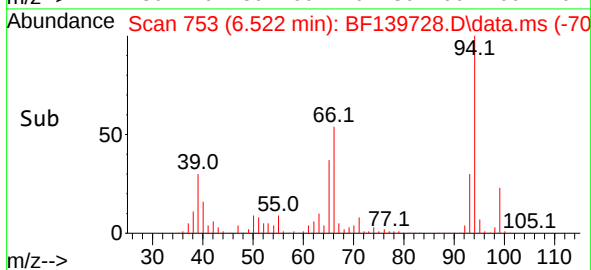
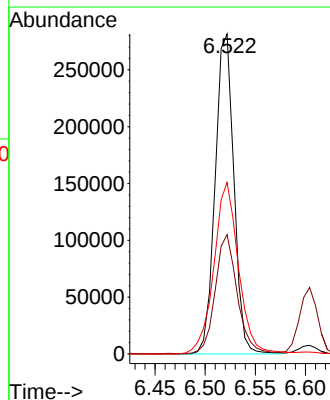
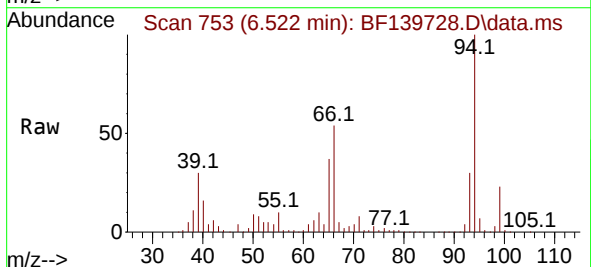
Delta R.T. 0.006 min

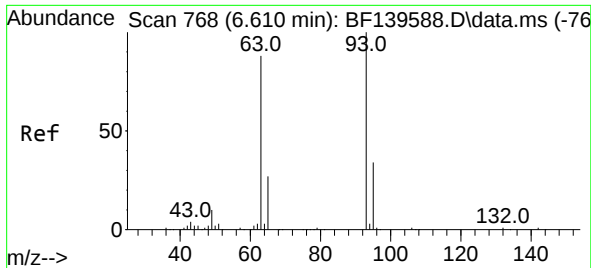
Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion: 94 Resp: 365296

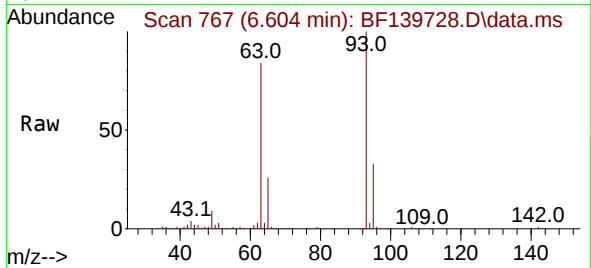
Ion	Ratio	Lower	Upper
94	100		
65	37.3	15.3	55.3
66	53.6	30.5	70.5





#11
bis(2-Chloroethyl)ether
Concen: 46.450 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

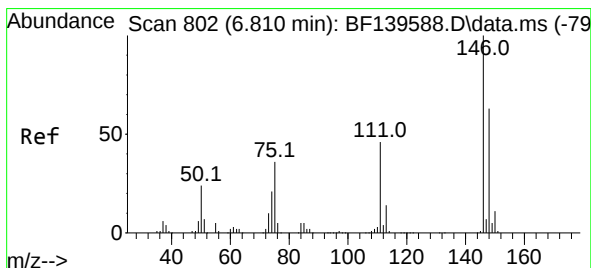
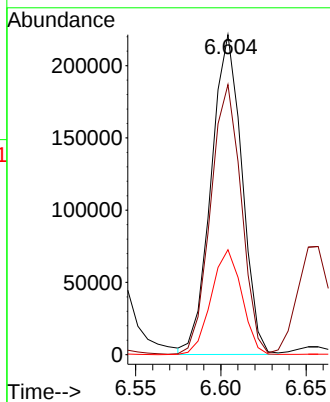
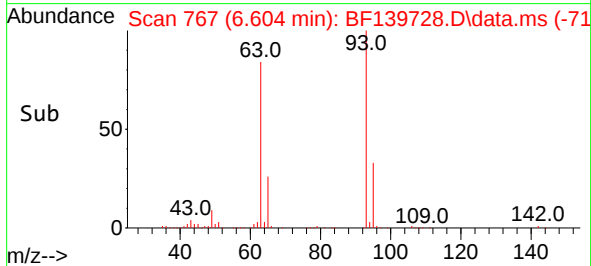
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion: 93 Resp: 27884
Ion Ratio Lower Upper
93 100
63 84.4 64.1 104.1
95 32.8 12.3 52.3

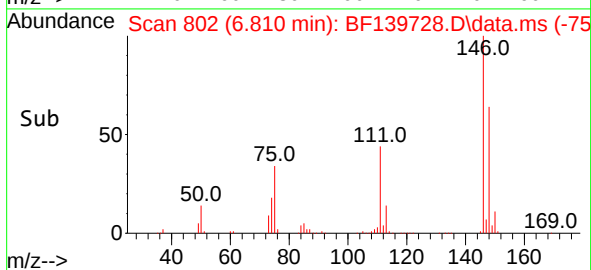
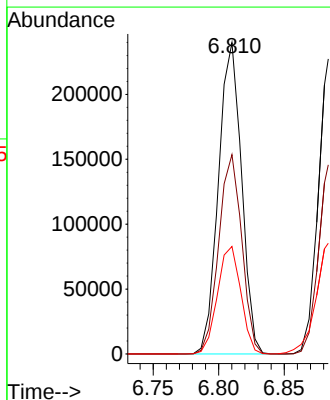
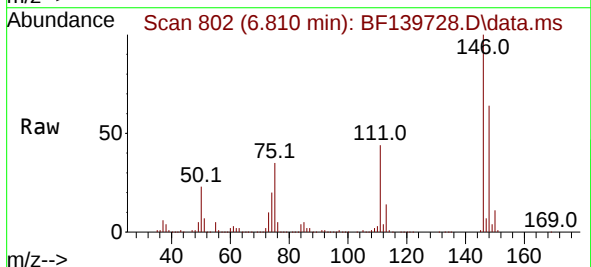
Manual Integrations
APPROVED

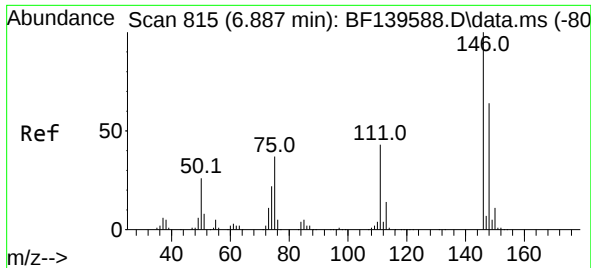
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#12
1,3-Dichlorobenzene
Concen: 46.645 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:146 Resp: 293133
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 46.569 ng

RT: 6.886 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:146 Resp: 296407

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

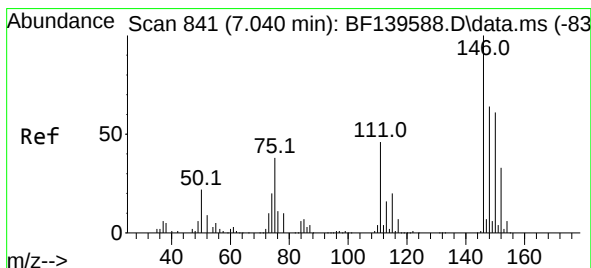
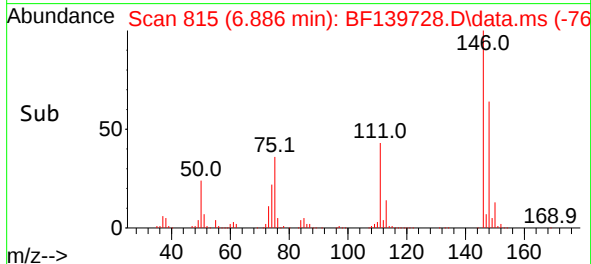
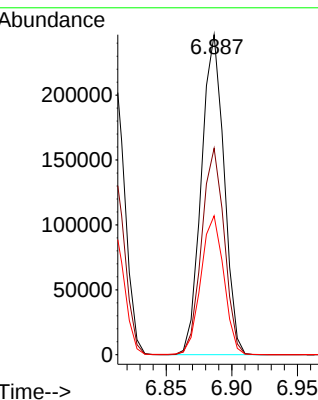
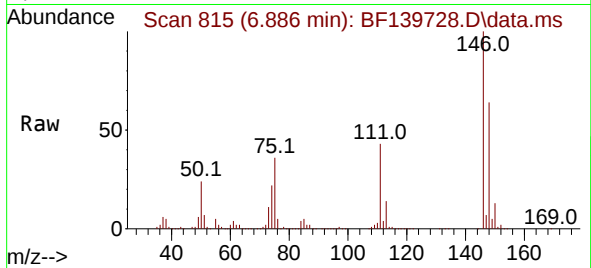
111 43.4 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#14

1,2-Dichlorobenzene

Concen: 47.357 ng

RT: 7.039 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

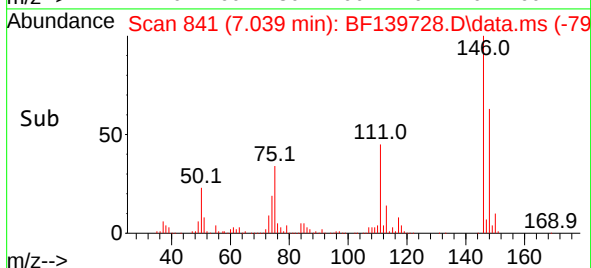
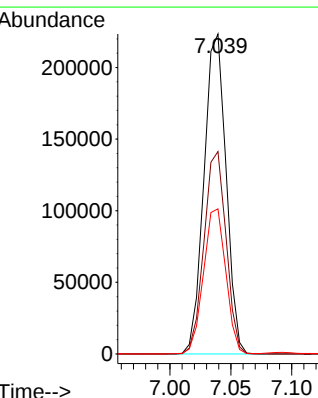
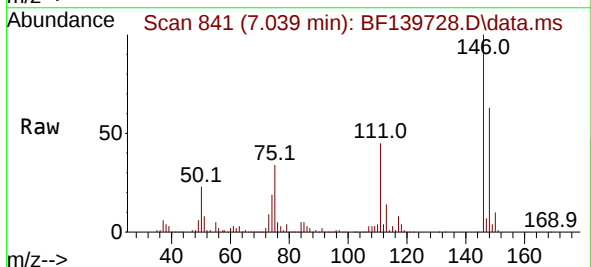
Tgt Ion:146 Resp: 282499

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

111 45.4 37.0 55.6





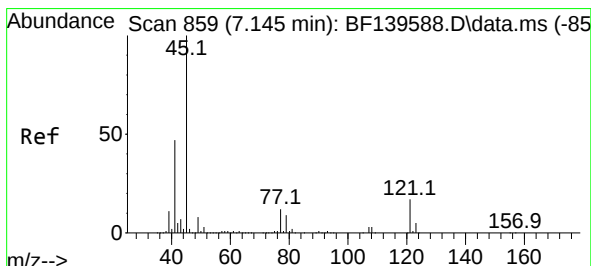
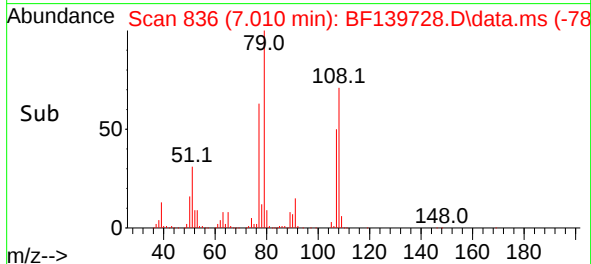
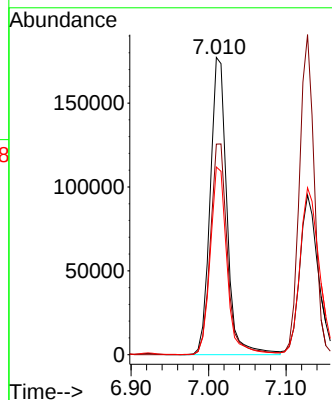
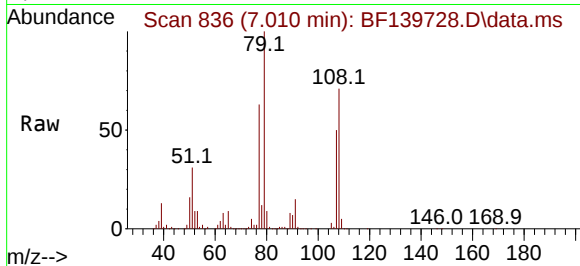
#15
Benzyl Alcohol
Concen: 49.532 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion: 79 Resp: 265369
Ion Ratio Lower Upper
79 100
108 70.8 55.1 82.7
77 63.1 50.8 76.2

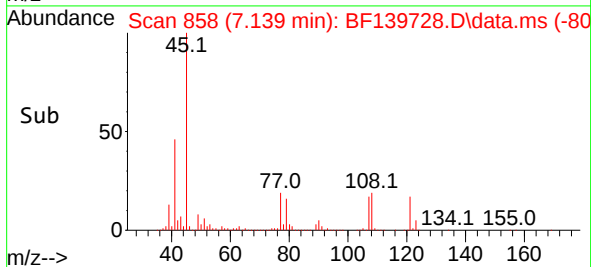
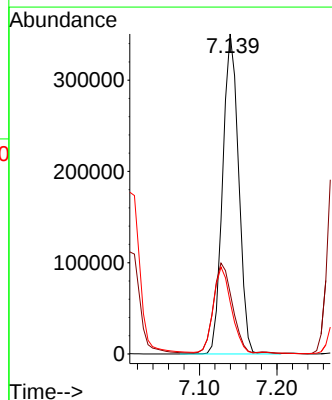
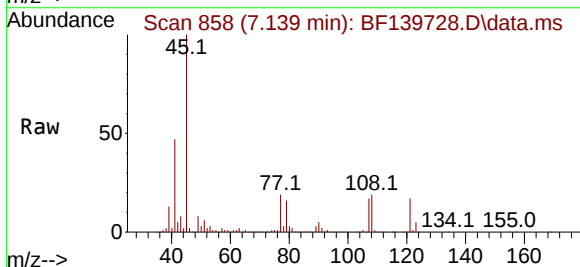
Manual Integrations
APPROVED

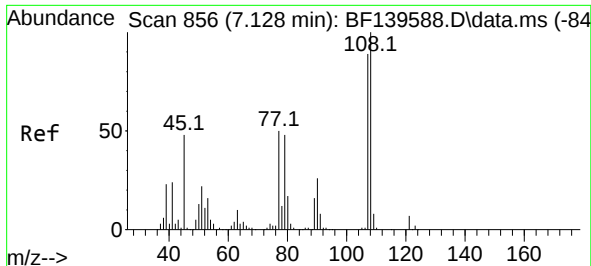
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.330 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

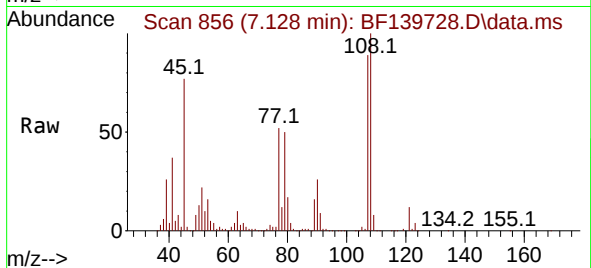
Tgt Ion: 45 Resp: 502269
Ion Ratio Lower Upper
45 100
77 19.1 0.0 32.5
79 16.3 0.0 29.7





#17
2-Methylphenol
Concen: 48.222 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

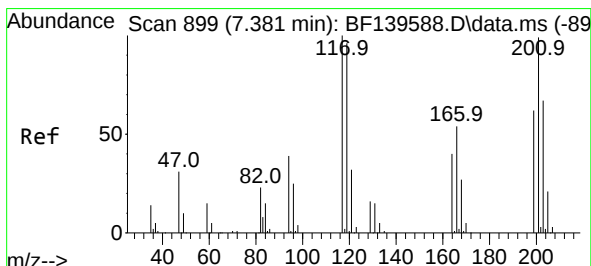
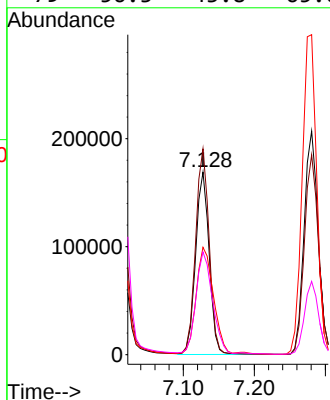
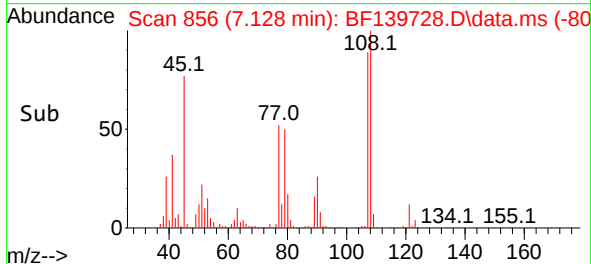
Instrument :
BNA_F
ClientSampleId :
IB-6MS



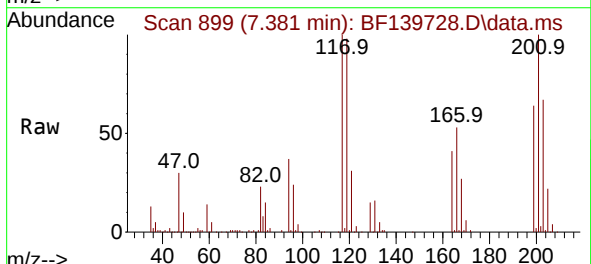
Tgt Ion:107 Resp: 224889
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 58.9 44.6 67.0
79 56.3 43.8 65.6

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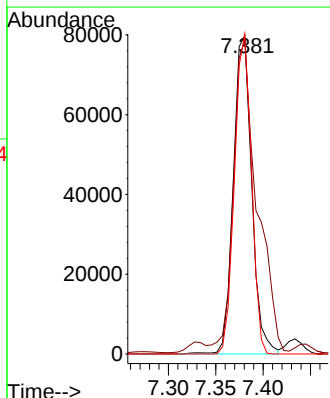
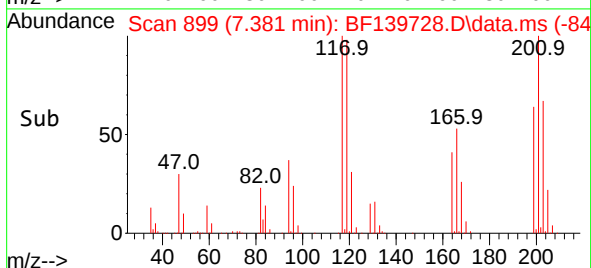
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#18
Hexachloroethane
Concen: 45.306 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



Tgt Ion:117 Resp: 107558
Ion Ratio Lower Upper
117 100
119 98.4 77.0 115.6
201 100.4 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.891 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion: 70 Resp: 21138

Ion Ratio Lower Upper

70 100

42 71.4 58.0 87.0

101 9.3 7.8 11.8

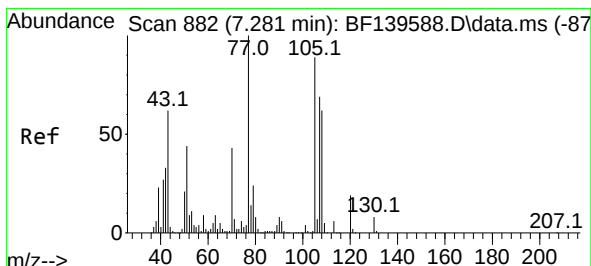
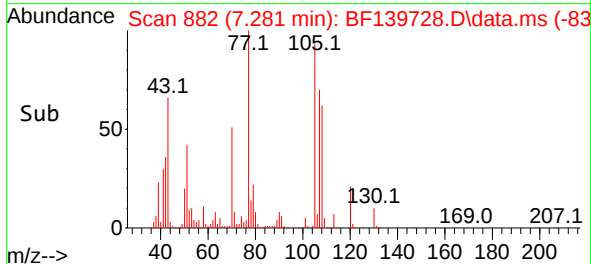
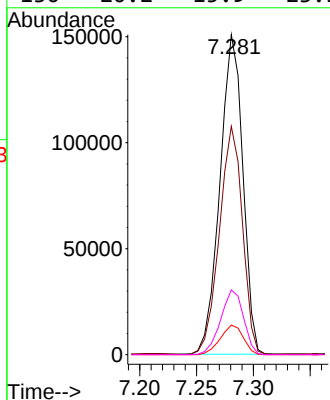
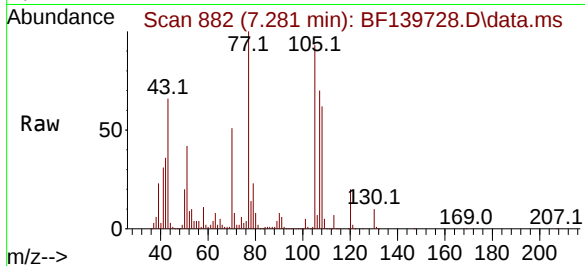
130 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#20

3+4-Methylphenols

Concen: 48.505 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion:107 Resp: 284126

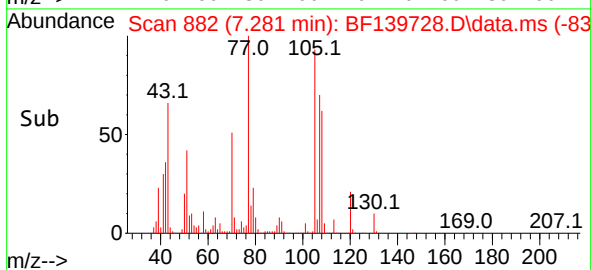
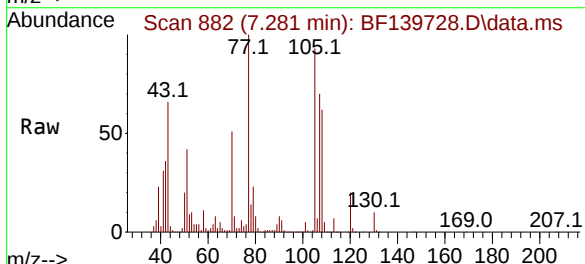
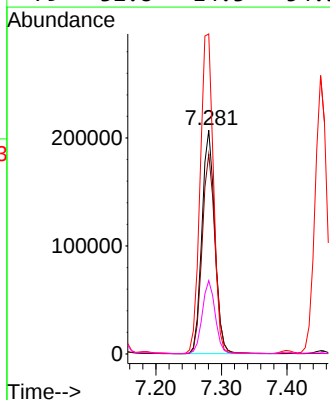
Ion Ratio Lower Upper

107 100

108 89.3 70.2 110.2

77 143.1 125.3 165.3

79 32.8 14.3 54.3





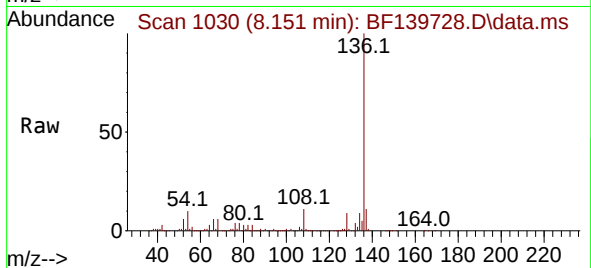
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

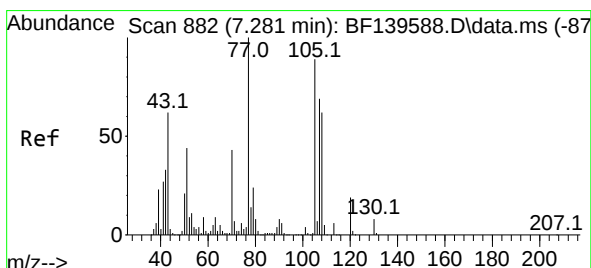
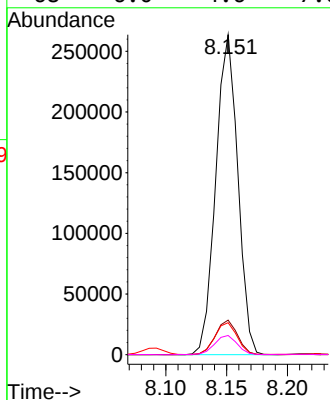
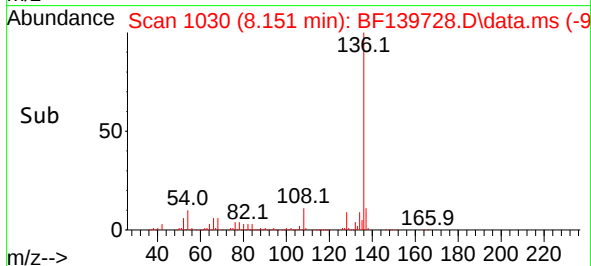


Tgt Ion:136 Resp: 332020
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.0 8.3 12.5
68 6.0 4.6 7.0

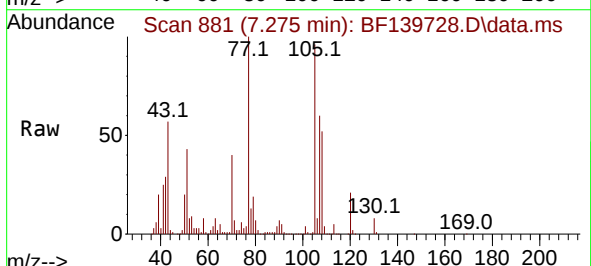
Manual Integrations

APPROVED

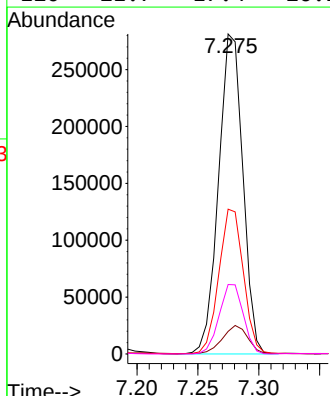
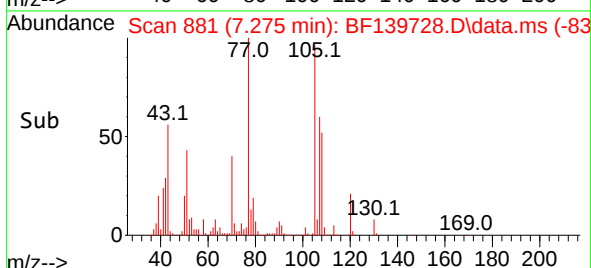
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

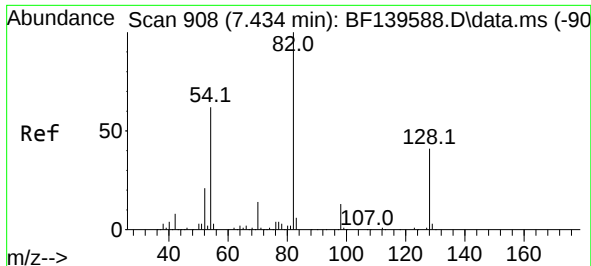


#22
Acetophenone
Concen: 49.587 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



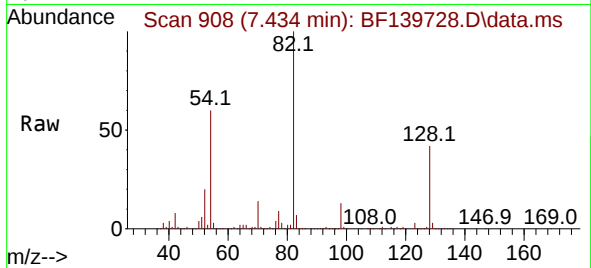
Tgt Ion:105 Resp: 390798
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 45.2 39.4 59.0
120 21.7 17.4 26.2





#23
Nitrobenzene-d5
Concen: 58.343 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

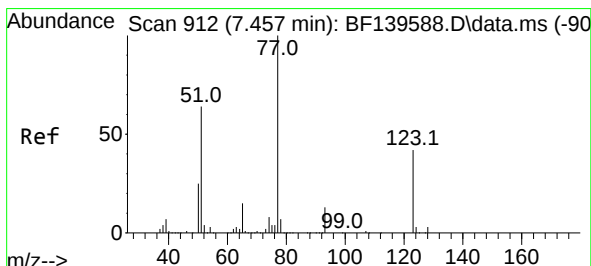
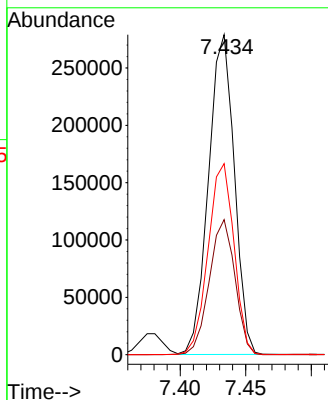
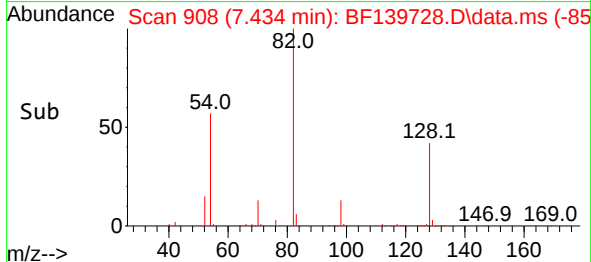
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion: 82 Resp: 382598
Ion Ratio Lower Upper
82 100
128 42.2 32.4 48.6
54 59.7 49.1 73.7

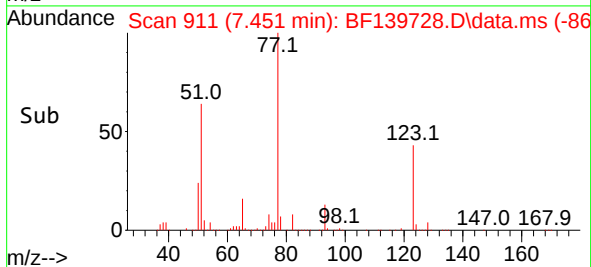
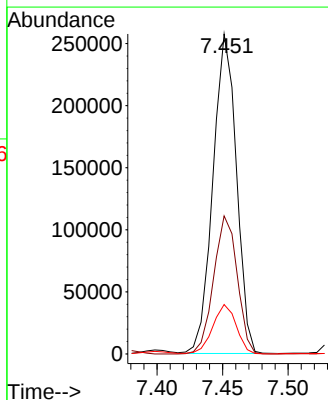
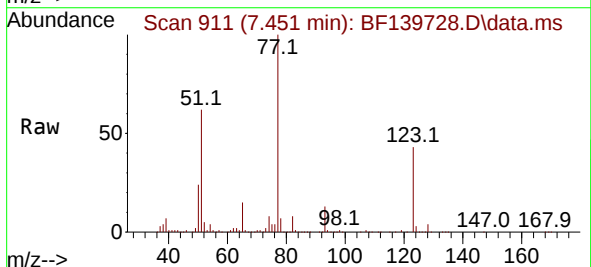
Manual Integrations
APPROVED

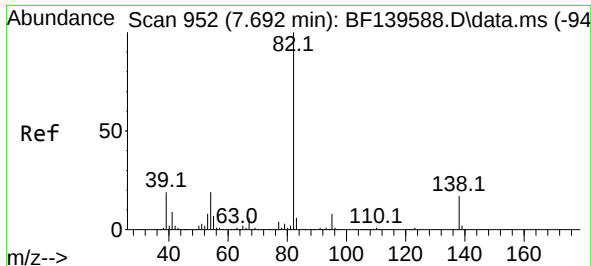
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#24
Nitrobenzene
Concen: 47.111 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

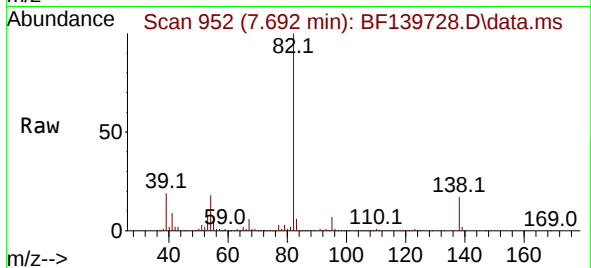
Tgt Ion: 77 Resp: 319908
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 15.4 12.1 18.1





#25
Isophorone
Concen: 48.906 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

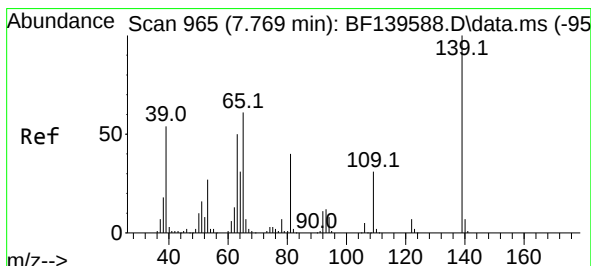
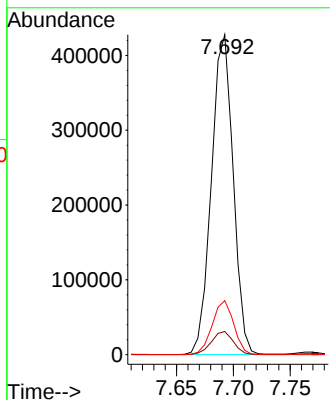
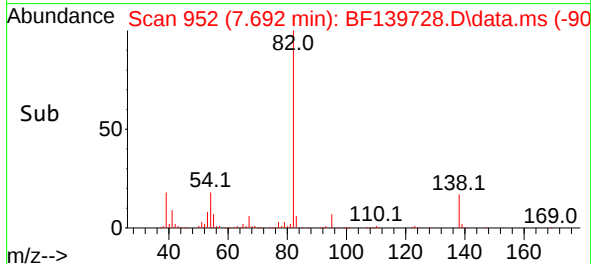
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion: 82 Resp: 56962
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.9 13.4 20.2

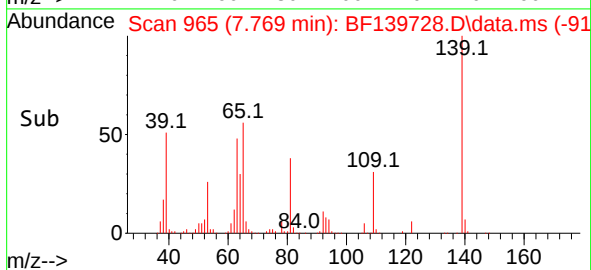
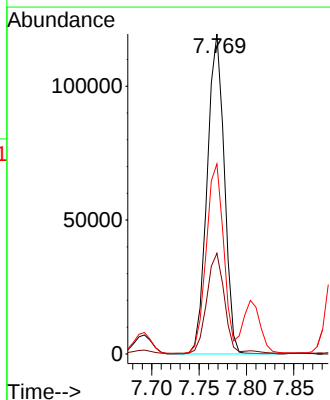
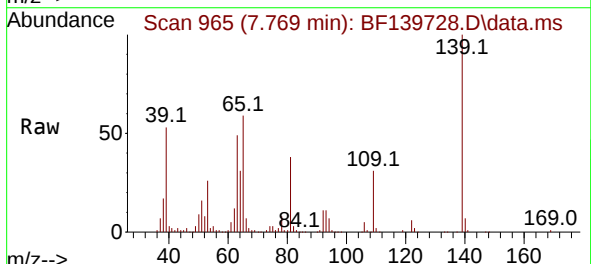
Manual Integrations
APPROVED

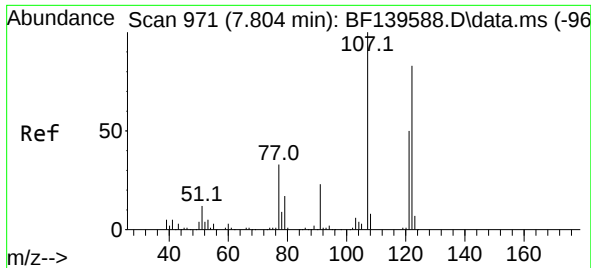
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 51.373 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:139 Resp: 149971
Ion Ratio Lower Upper
139 100
109 31.5 24.9 37.3
65 59.4 48.6 72.8





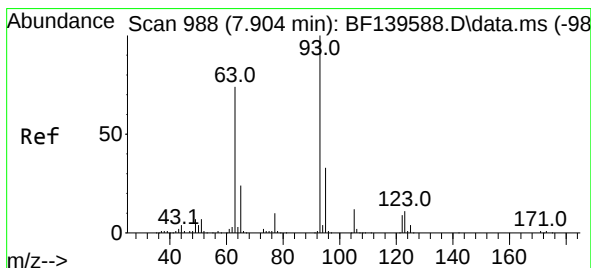
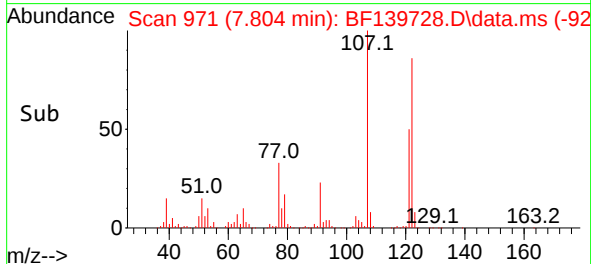
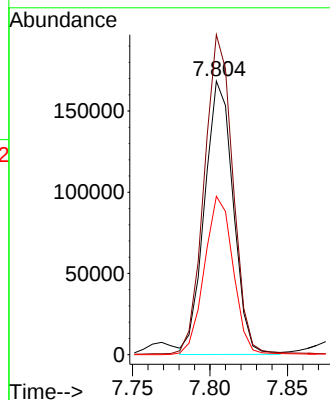
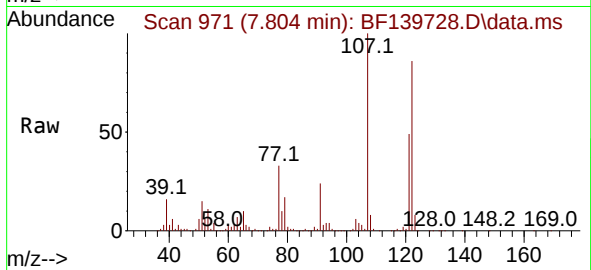
#27
2,4-Dimethylphenol
Concen: 60.531 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:122 Resp: 21632
Ion Ratio Lower Upper
122 100
107 116.9 95.4 143.0
121 57.9 47.4 71.2

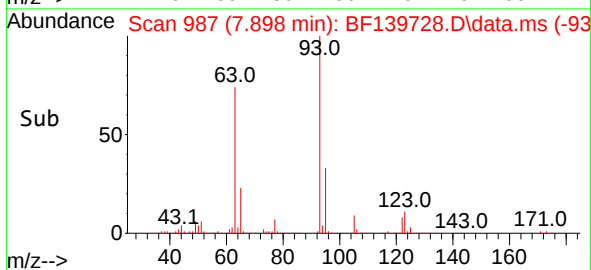
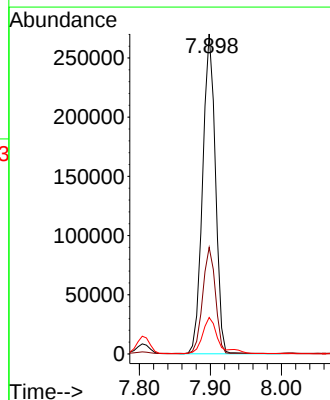
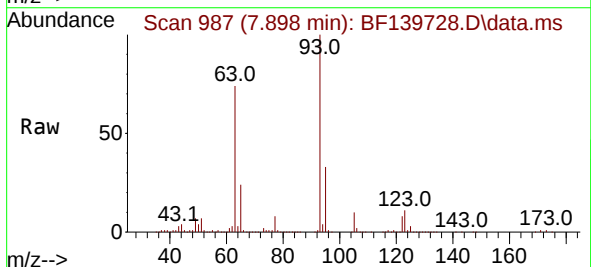
Manual Integrations
APPROVED

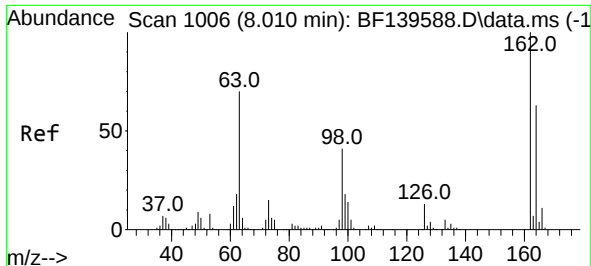
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.732 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion: 93 Resp: 338936
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.925 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:162 Resp: 23271

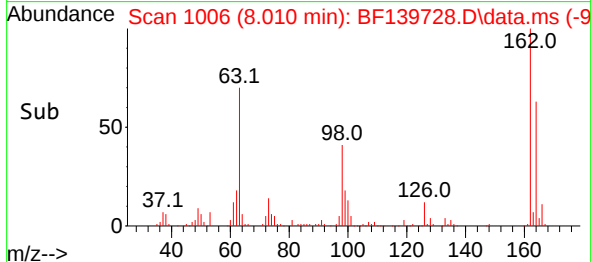
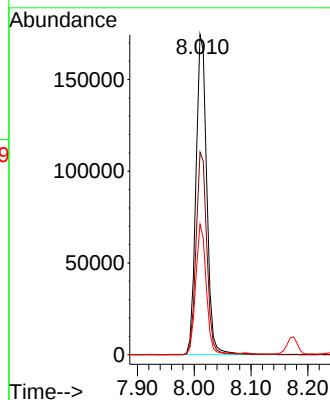
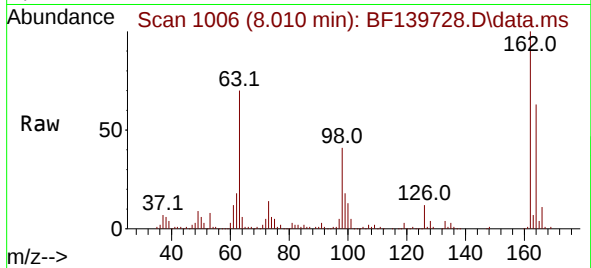
Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.1	83.1
98	40.8	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.227 ng

RT: 8.092 min Scan# 1020

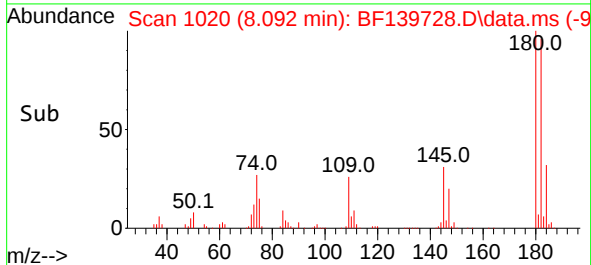
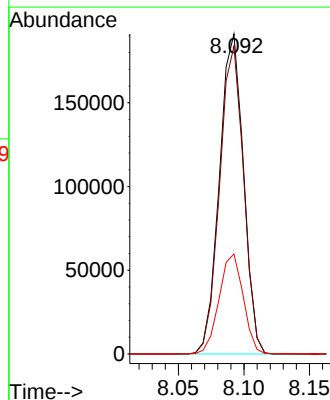
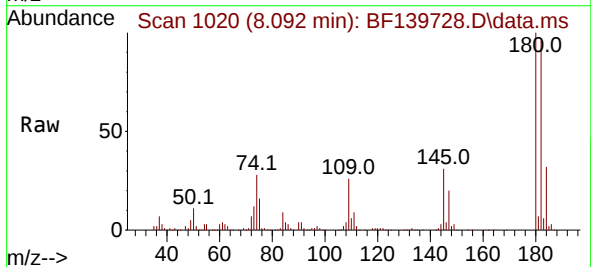
Delta R.T. -0.000 min

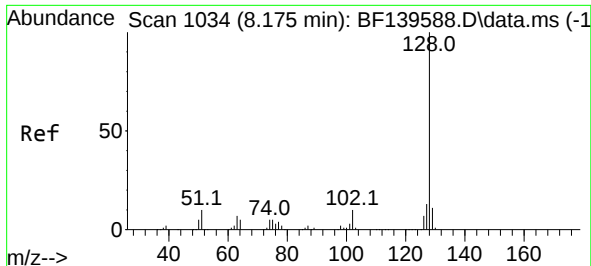
Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion:180 Resp: 243687

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	31.2	25.0	37.6





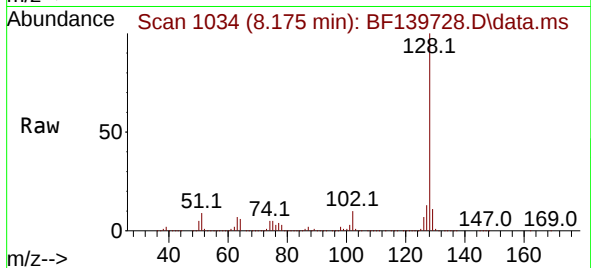
#31
Naphthalene
Concen: 48.036 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS



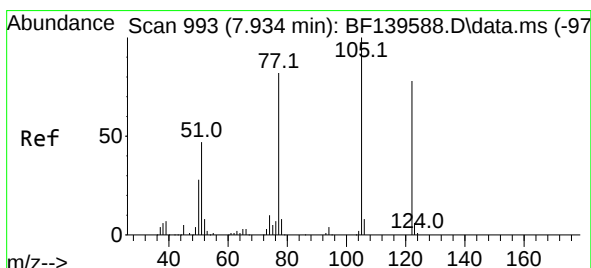
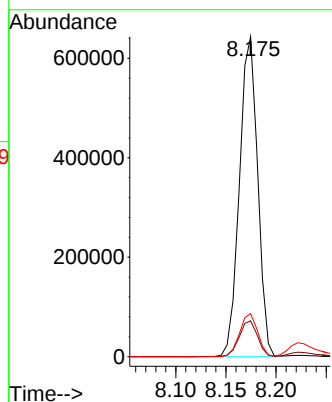
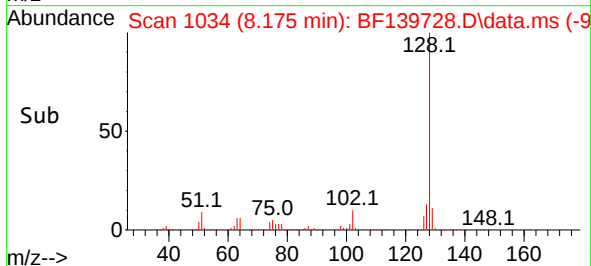
Tgt Ion:128 Resp: 81545
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.5 15.7

Manual Integrations

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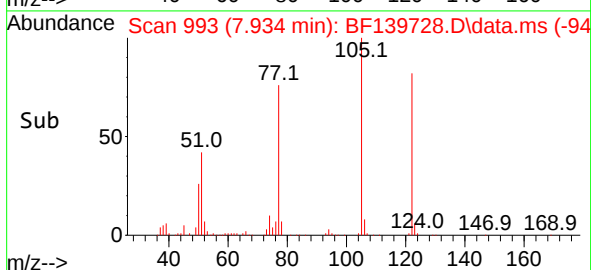
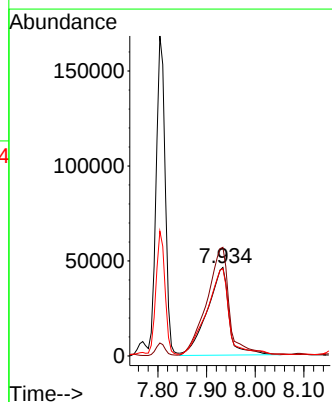
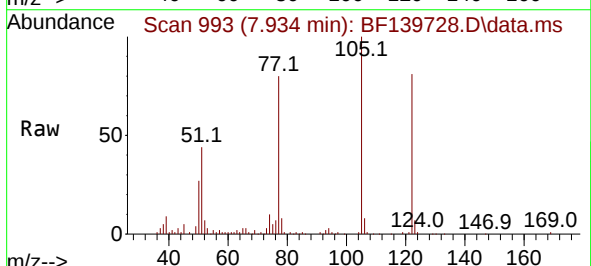
Reviewed By :Yogesh Patel 10/10/2024

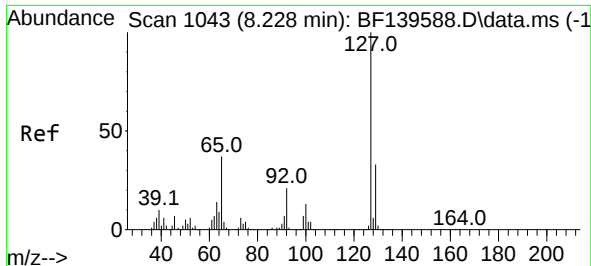
Supervised By :mohammad ahmed 10/10/2024



#32
Benzoic acid
Concen: 40.161 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

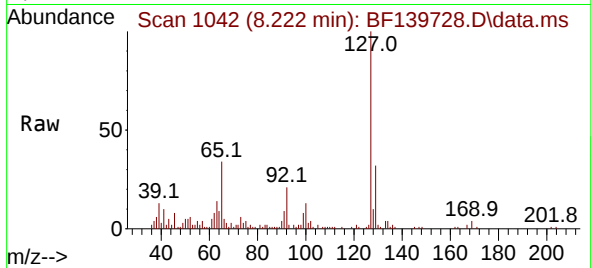
Tgt Ion:122 Resp: 142712
Ion Ratio Lower Upper
122 100
105 122.9 104.9 144.9
77 98.7 82.7 122.7





#33
4-Chloroaniline
Concen: 10.387 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

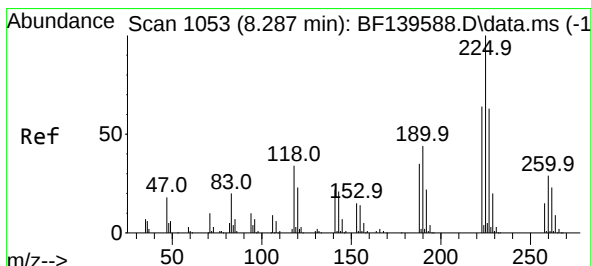
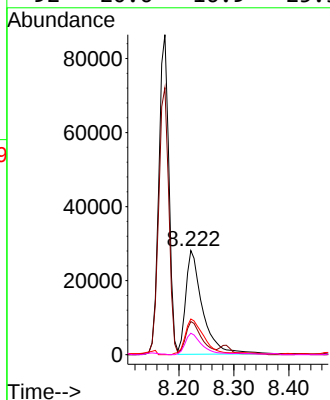
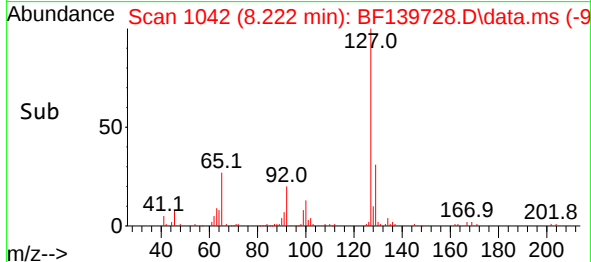
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:	127	Resp:	59684
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.2	39.4
65	34.3	29.3	43.9
92	20.6	16.9	25.3

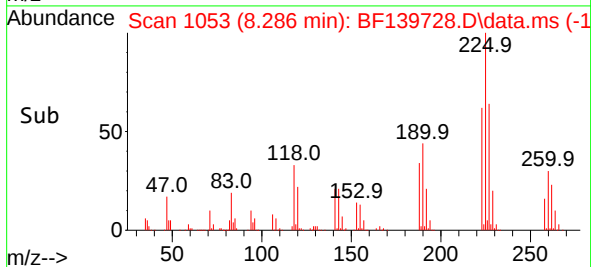
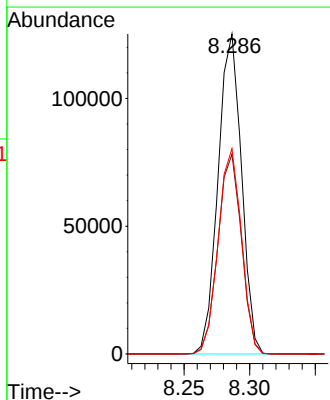
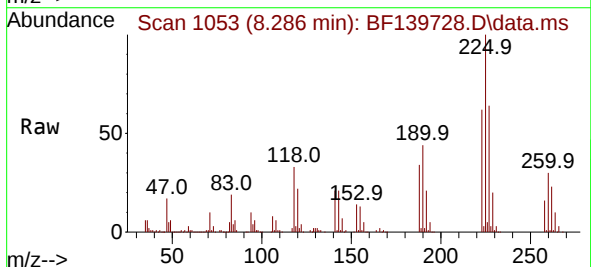
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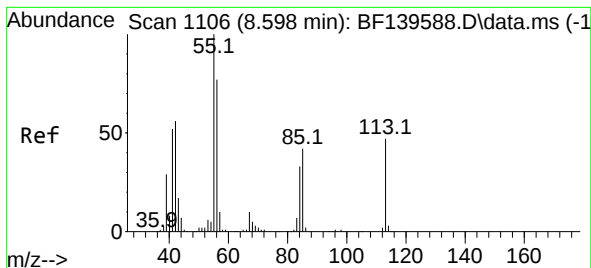
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 45.524 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:	225	Resp:	155301
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.9	76.3
227	64.2	50.7	76.1





#35

Caprolactam

Concen: 49.827 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

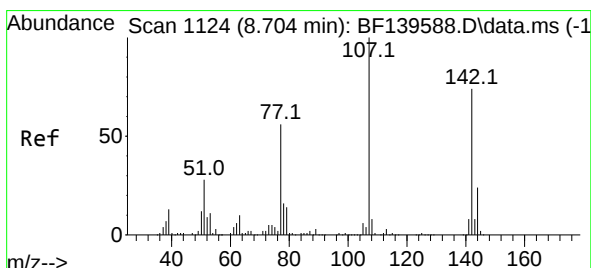
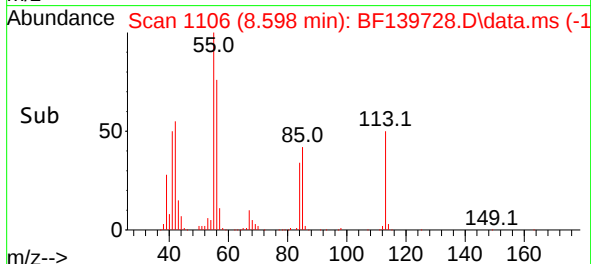
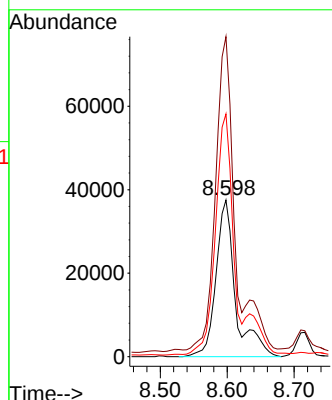
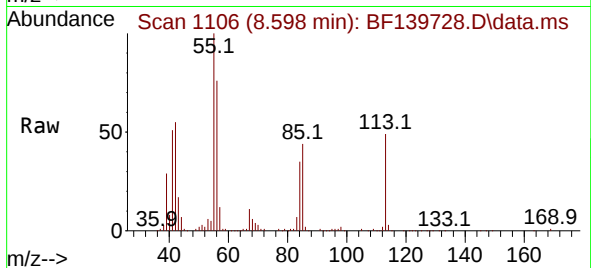
Tgt Ion:	113	Resp:	76180
Ion Ratio	Lower	Upper	
113	100		
55	204.3	193.4	233.4
56	154.9	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#36

4-Chloro-3-methylphenol

Concen: 47.295 ng

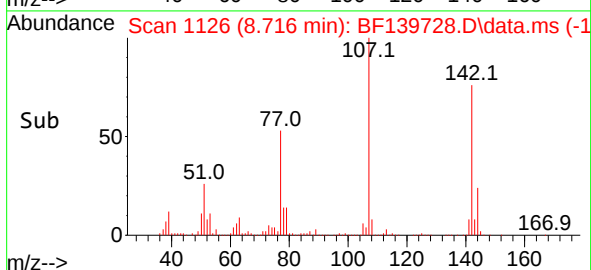
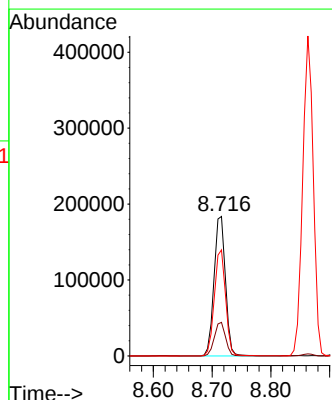
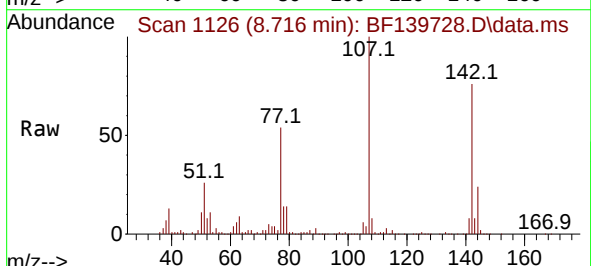
RT: 8.716 min Scan# 1126

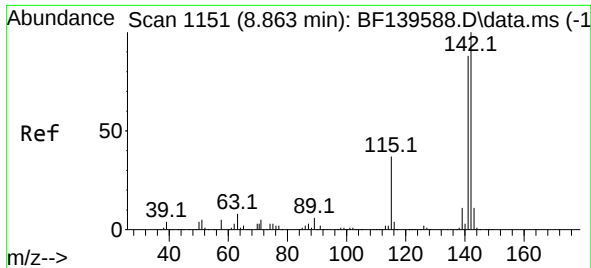
Delta R.T. 0.012 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

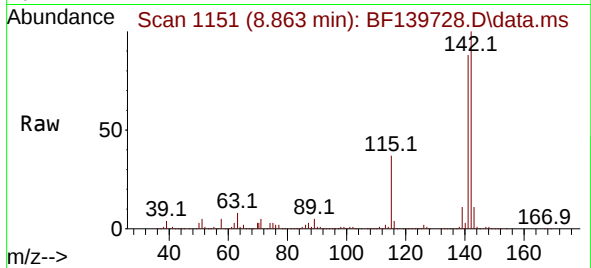
Tgt Ion:	107	Resp:	249559
Ion Ratio	Lower	Upper	
107	100		
144	24.1	19.0	28.6
142	76.0	59.2	88.8





#37
2-Methylnaphthalene
Concen: 47.644 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

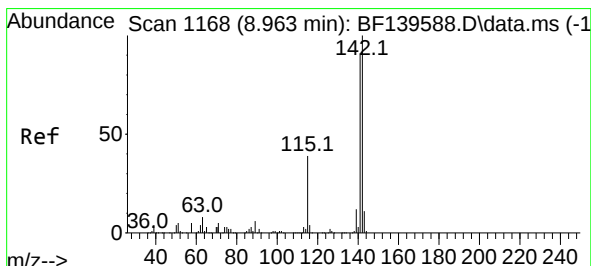
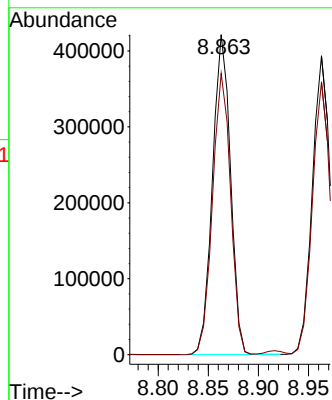
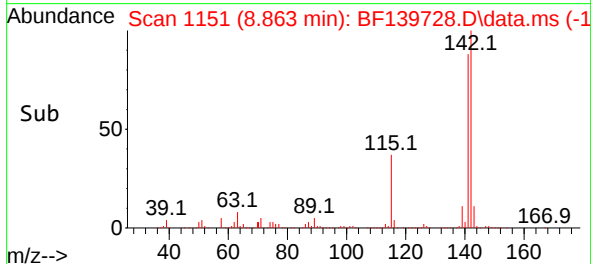
Instrument :
BNA_F
ClientSampleId :
IB-6MS



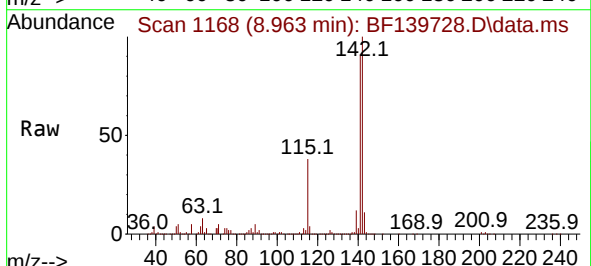
Tgt Ion:142 Resp: 52675
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6

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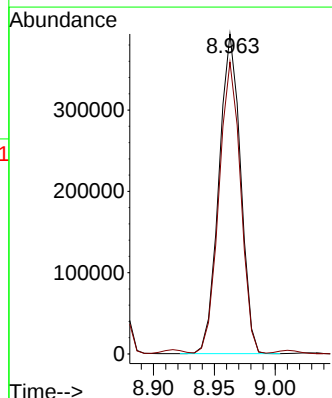
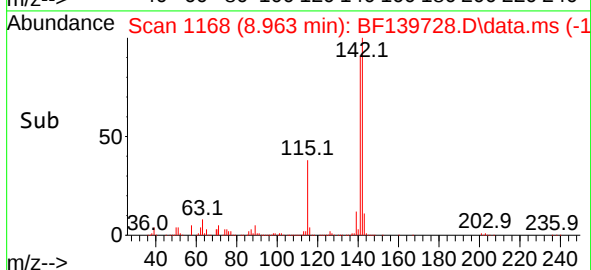
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

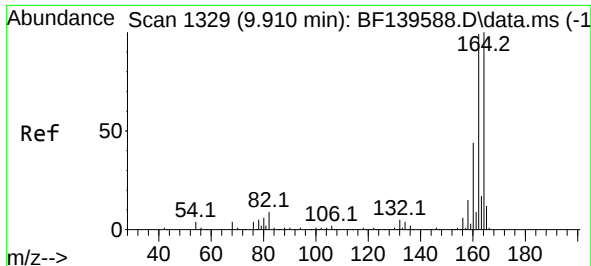


#38
1-Methylnaphthalene
Concen: 45.015 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



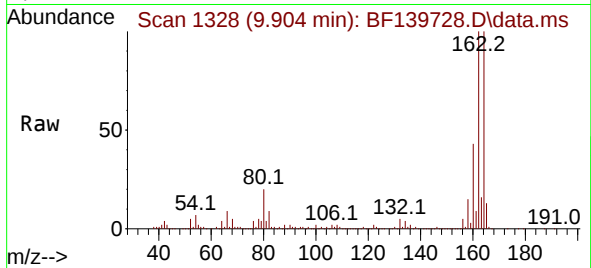
Tgt Ion:142 Resp: 486479
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

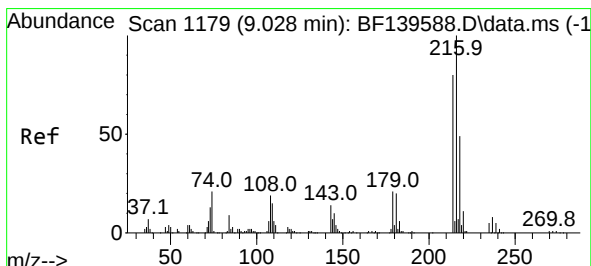
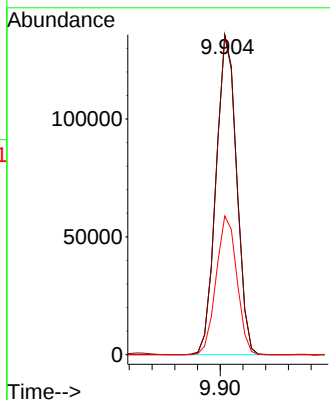
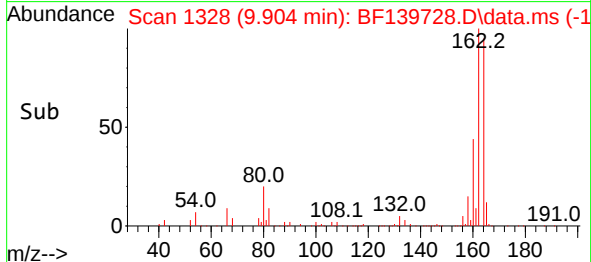
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:164 Resp: 171080
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 43.3 35.1 52.7

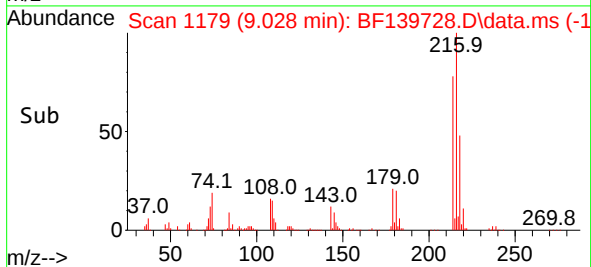
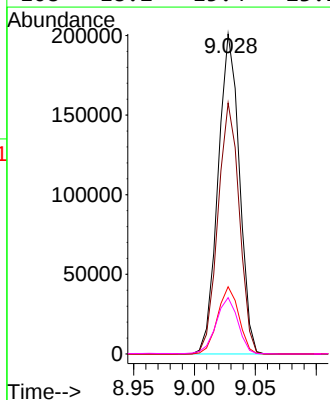
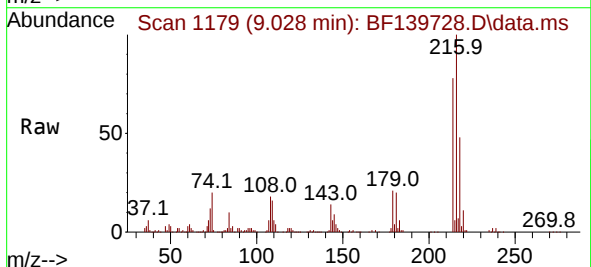
Manual Integrations
APPROVED

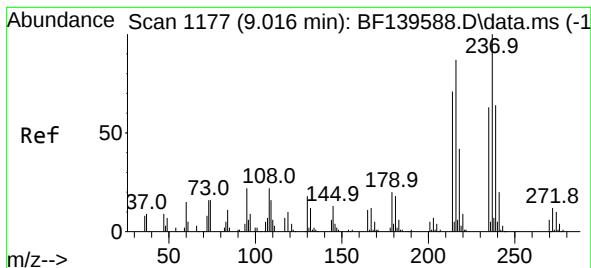
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.601 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:216 Resp: 245137
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 20.8 16.9 25.3
108 18.2 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 29.917 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

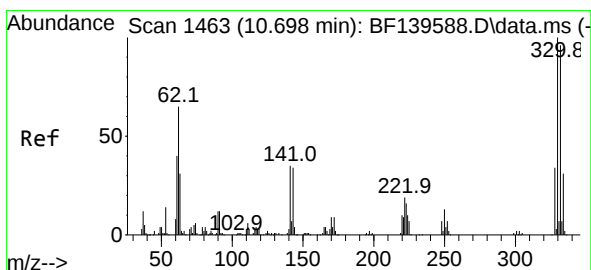
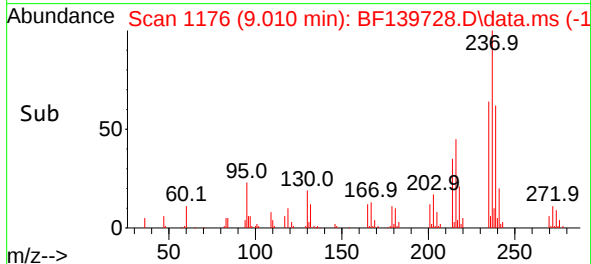
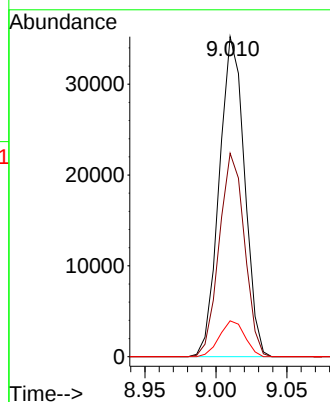
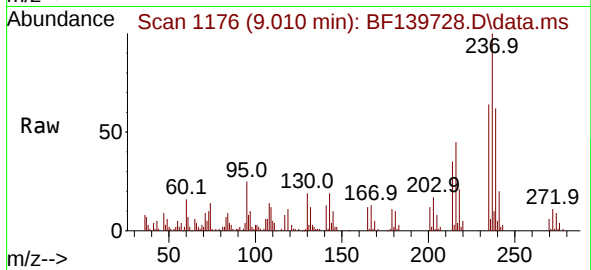
Tgt Ion:	237	Resp:	43580
Ion Ratio	Lower	Upper	
237	100		
235	63.6	42.5	82.5
272	11.2	0.0	32.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#42

2,4,6-Tribromophenol

Concen: 70.722 ng

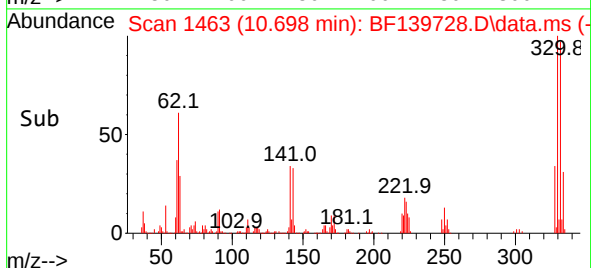
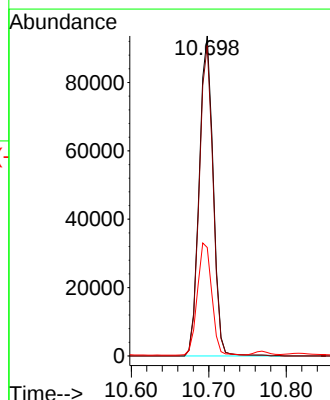
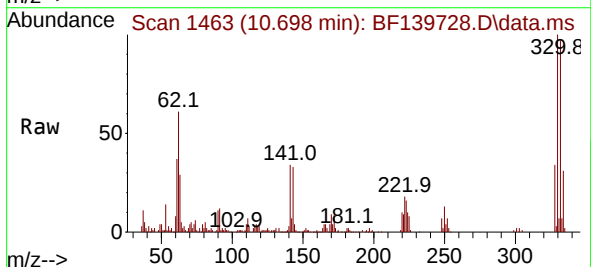
RT: 10.698 min Scan# 1463

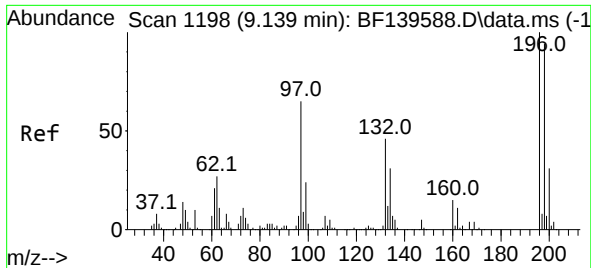
Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

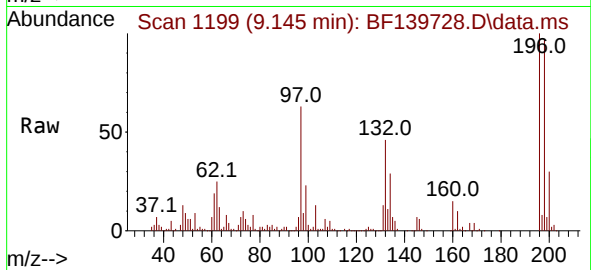
Tgt Ion:	330	Resp:	116798
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.5	114.7
141	36.1	29.3	43.9





#43
2,4,6-Trichlorophenol
Concen: 50.883 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

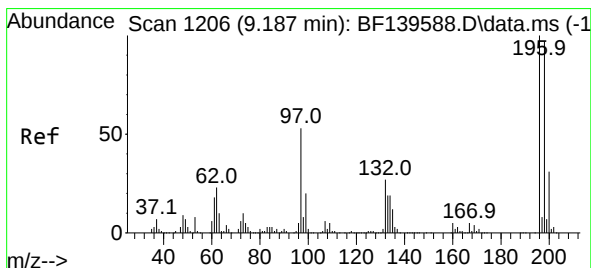
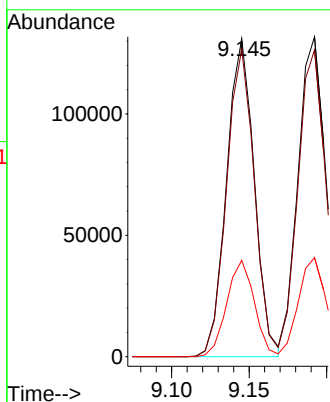
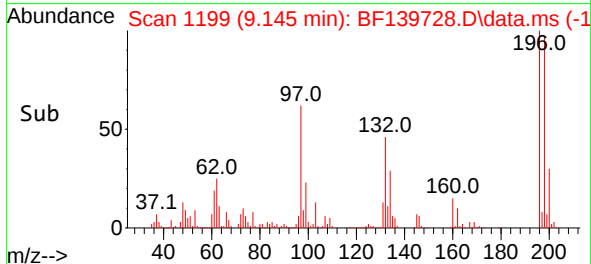
Instrument :
BNA_F
ClientSampleId :
IB-6MS



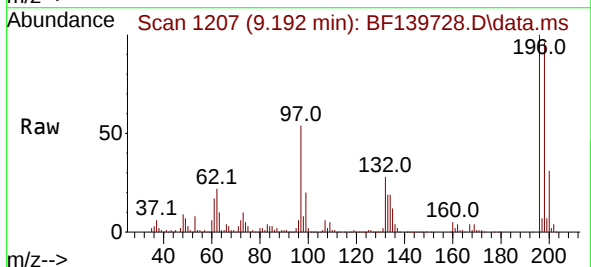
Tgt Ion:196 Resp: 16295
Ion Ratio Lower Upper
196 100
198 96.7 75.2 112.8
200 30.3 24.6 37.0

Manual Integrations
APPROVED

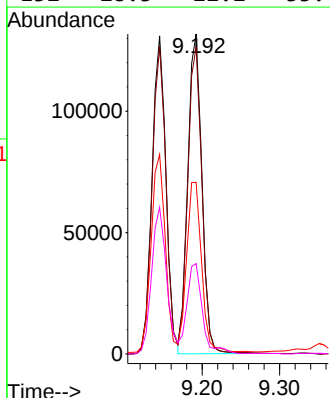
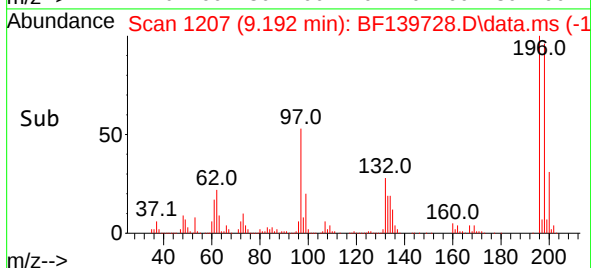
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#44
2,4,5-Trichlorophenol
Concen: 48.459 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



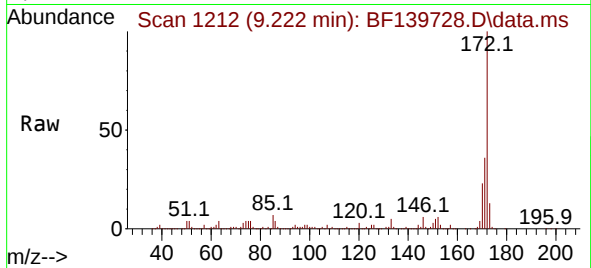
Tgt Ion:196 Resp: 167364
Ion Ratio Lower Upper
196 100
198 95.9 77.5 116.3
97 53.7 43.1 64.7
132 28.3 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 54.733 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

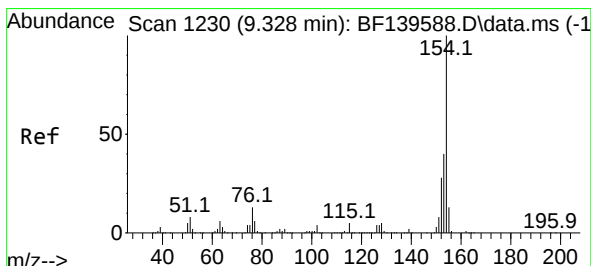
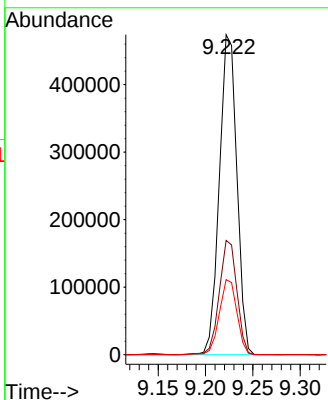
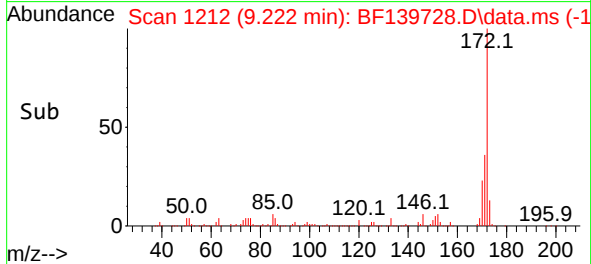
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:172 Resp: 609939
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.4 18.8 28.2

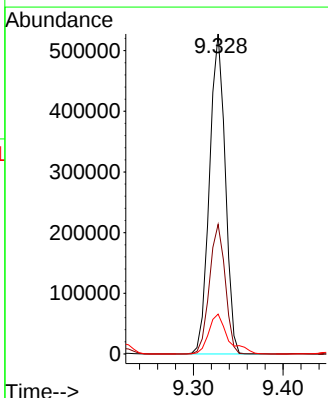
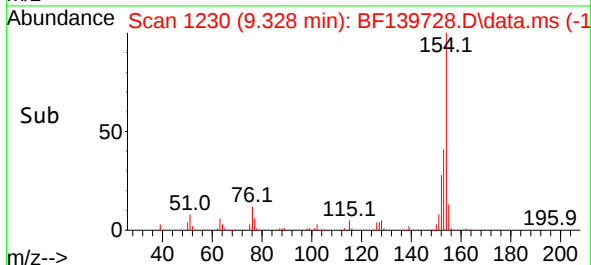
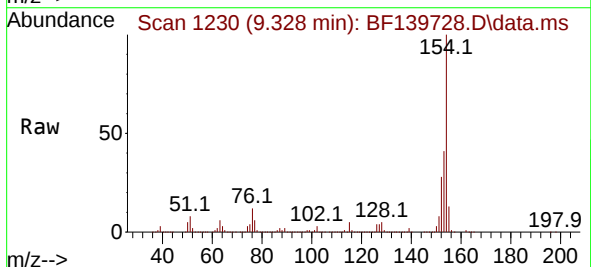
Manual Integrations
APPROVED

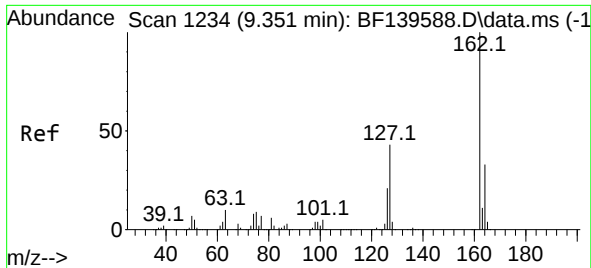
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#46
1,1'-Biphenyl
Concen: 50.502 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:154 Resp: 642604
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 12.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 49.650 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

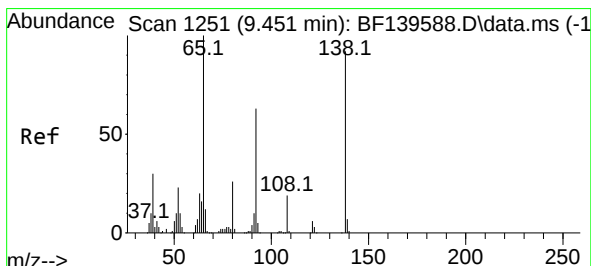
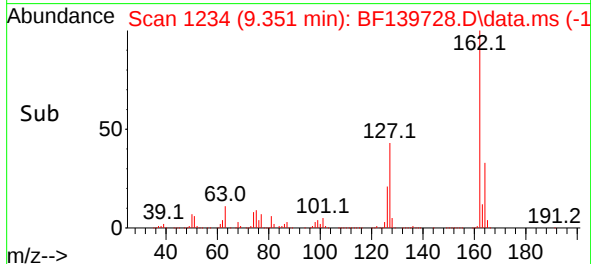
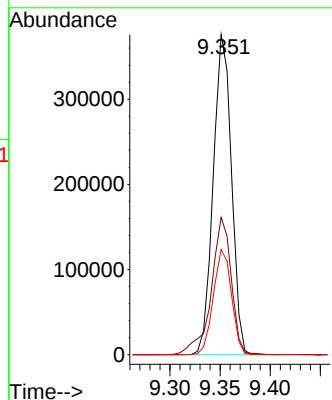
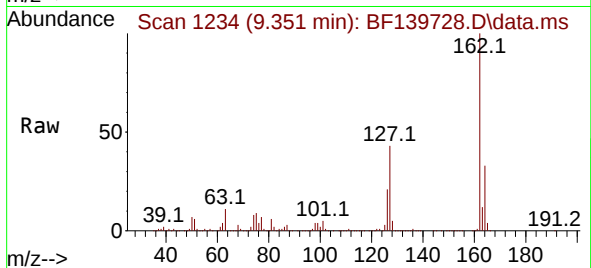
Tgt Ion:162 Resp: 473619
Ion Ratio Lower Upper
162 100
127 42.9 35.0 52.4
164 32.8 26.1 39.1

Manual Integrations

APPROVED

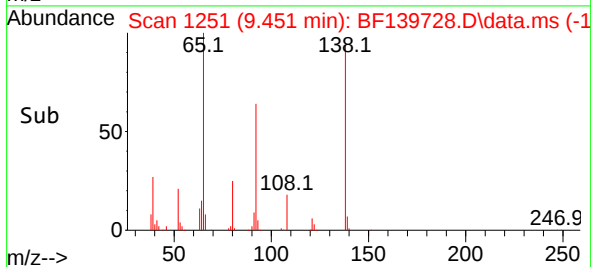
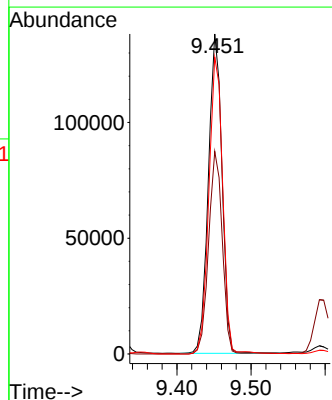
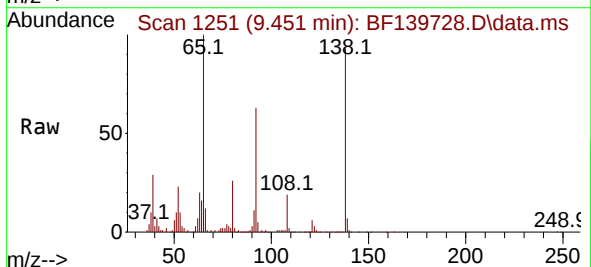
Reviewed By :Yogesh Patel 10/10/2024

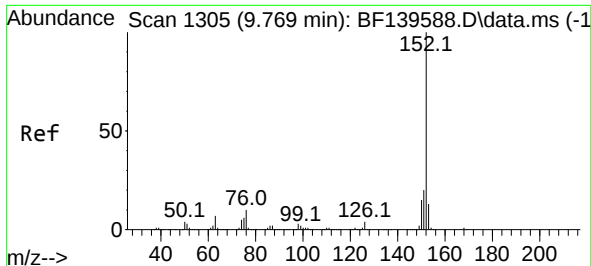
Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 51.689 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

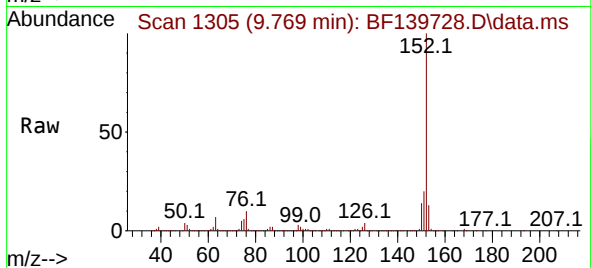
Tgt Ion: 65 Resp: 176997
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 92.7 73.8 110.8





#49
Acenaphthylene
Concen: 51.931 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

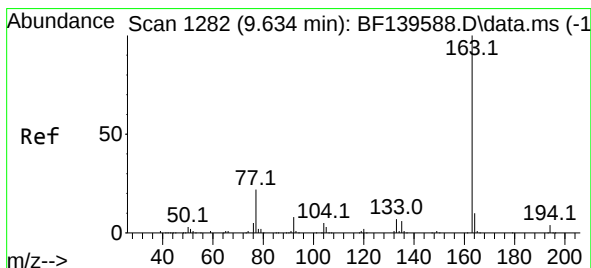
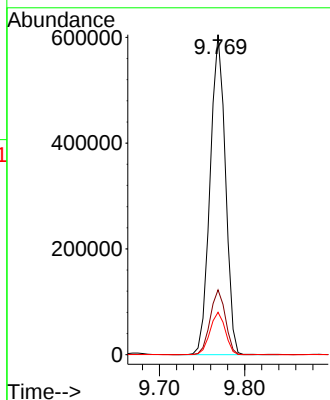
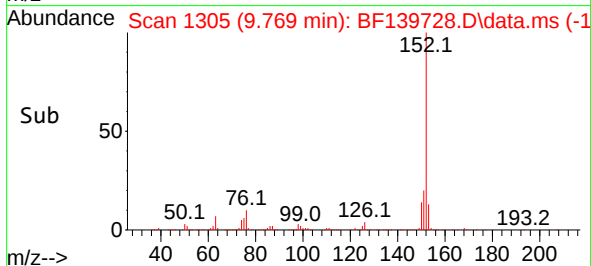
Instrument :
BNA_F
ClientSampleId :
IB-6MS



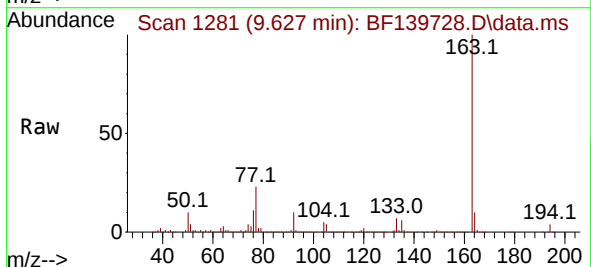
Tgt Ion:152 Resp: 753360
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations
APPROVED

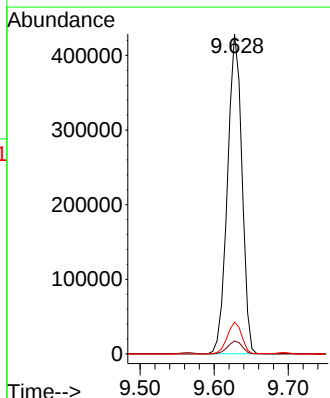
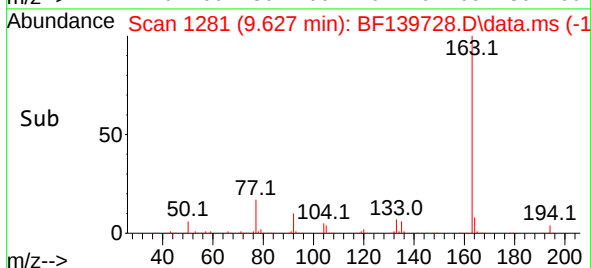
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

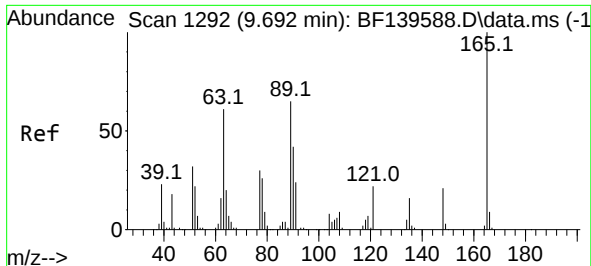


#50
Dimethylphthalate
Concen: 51.803 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



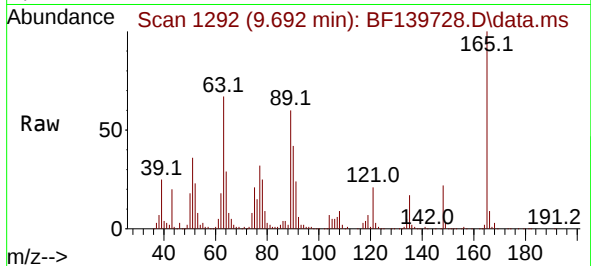
Tgt Ion:163 Resp: 580145
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.394 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

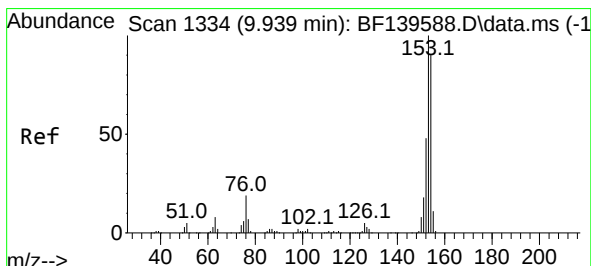
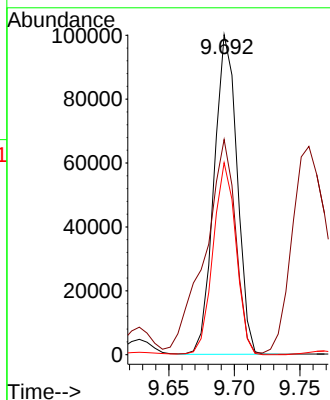
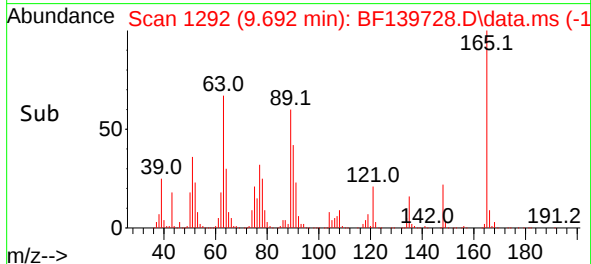
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:165 Resp: 122429
Ion Ratio Lower Upper
165 100
63 67.3 56.7 85.1
89 60.0 51.6 77.4

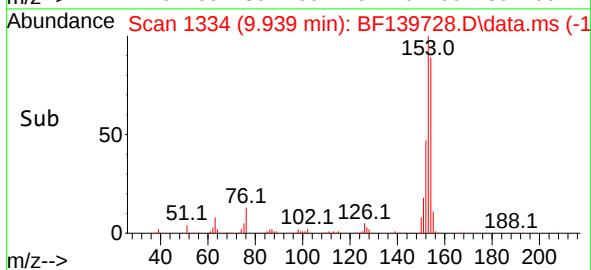
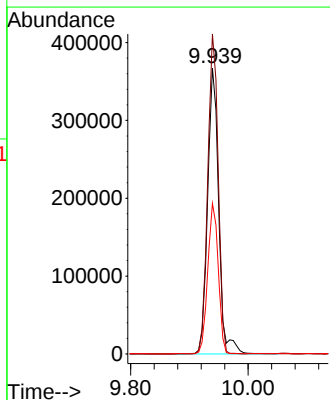
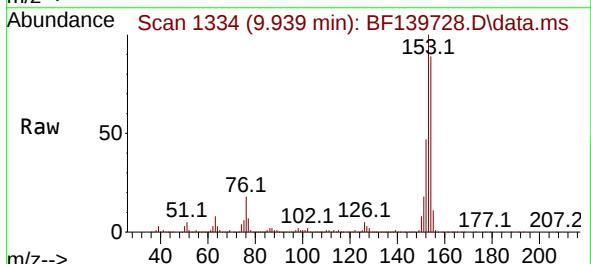
Manual Integrations
APPROVED

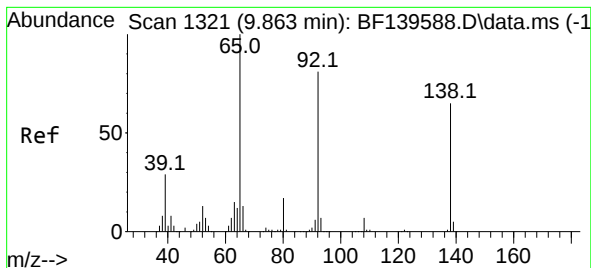
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 48.088 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:154 Resp: 478910
Ion Ratio Lower Upper
154 100
153 112.0 88.8 133.2
152 52.7 42.5 63.7





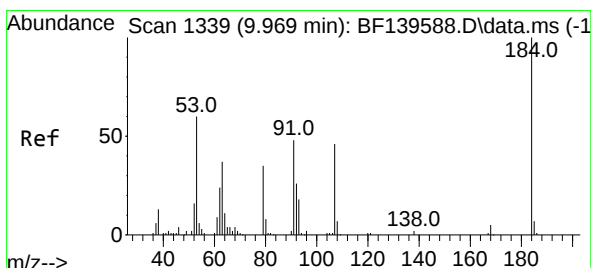
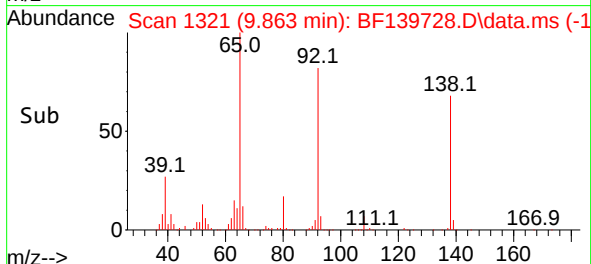
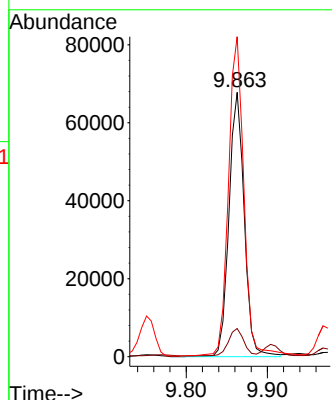
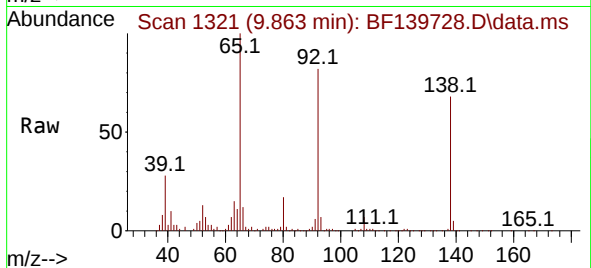
#53
3-Nitroaniline
Concen: 34.237 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:138 Resp: 8851
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 121.1 100.0 150.0

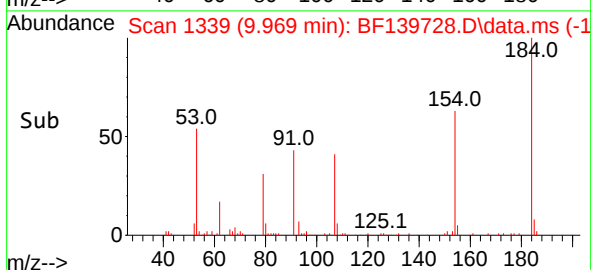
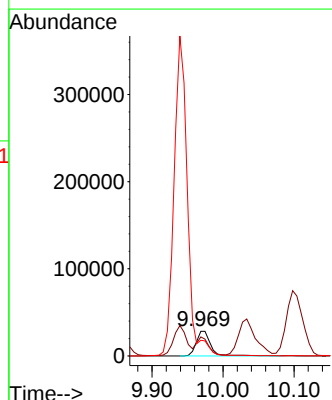
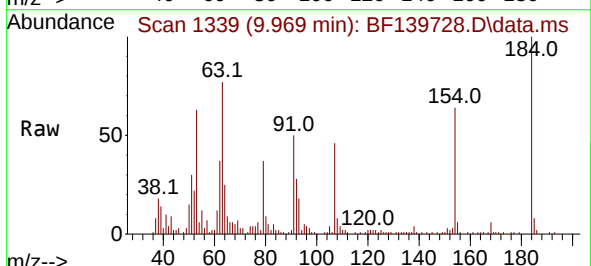
Manual Integrations
APPROVED

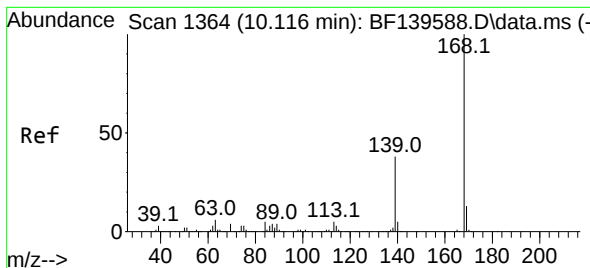
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#54
2,4-Dinitrophenol
Concen: 29.569 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

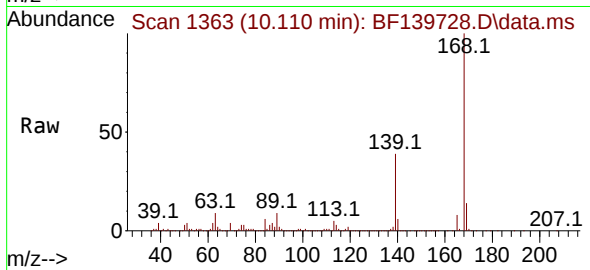
Tgt Ion:184 Resp: 40234
Ion Ratio Lower Upper
184 100
63 77.1 61.7 92.5
154 63.7 53.0 79.4





#55
Dibenzenofuran
Concen: 48.626 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

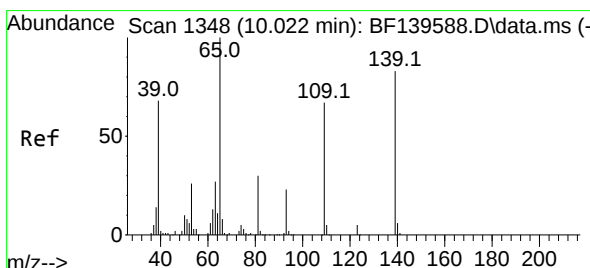
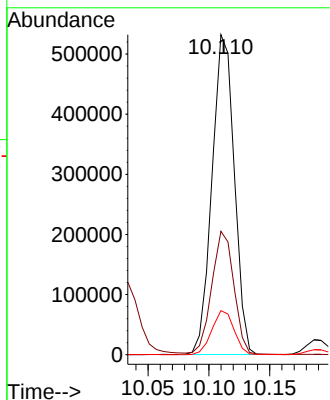
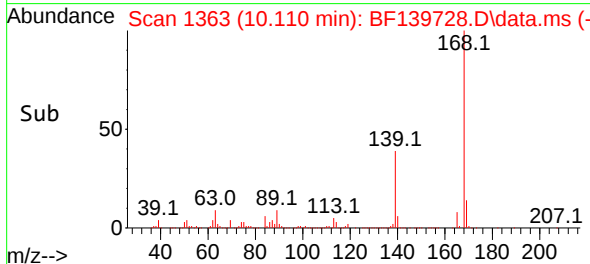
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:168 Resp: 678030
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.8 10.7 16.1

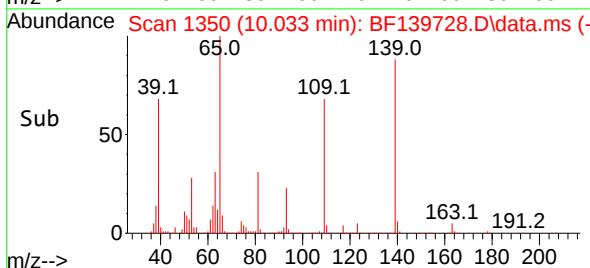
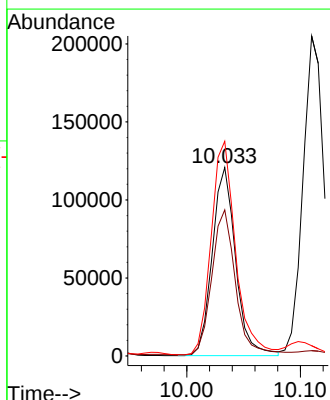
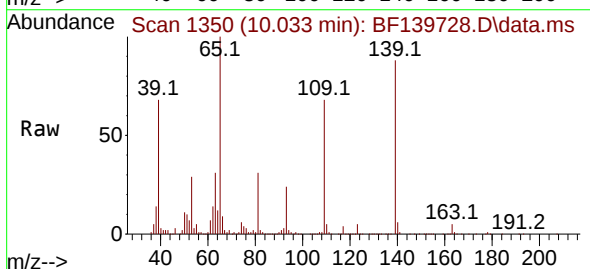
Manual Integrations
APPROVED

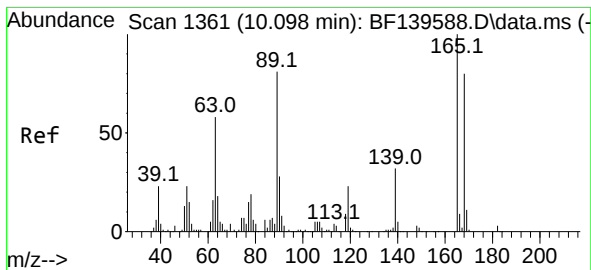
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 87.458 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

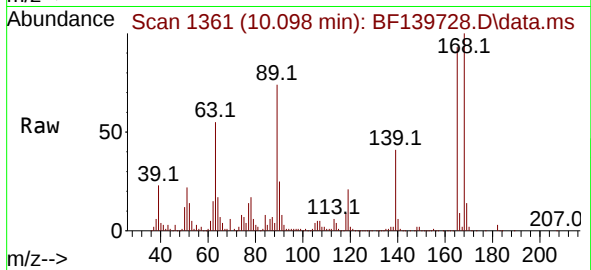
Tgt Ion:139 Resp: 172422
Ion Ratio Lower Upper
139 100
109 77.5 60.3 100.3
65 113.9 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 46.988 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

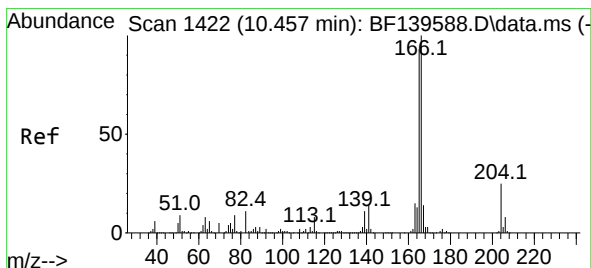
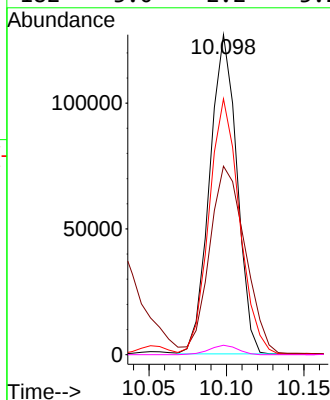
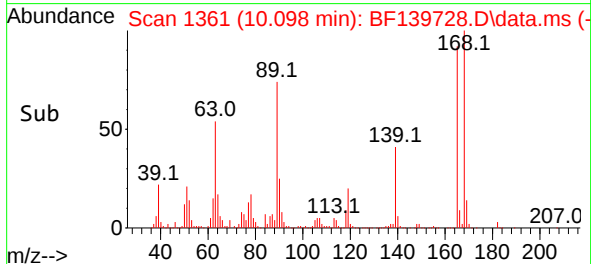
Instrument :
BNA_F
ClientSampleId :
IB-6MS



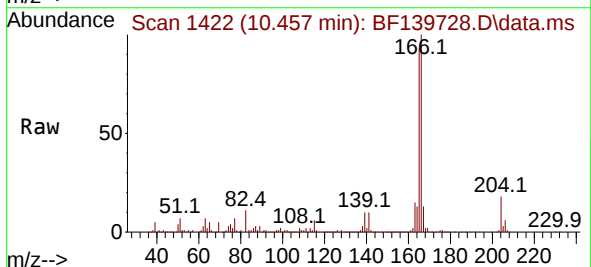
Tgt Ion:165 Resp: 155378
Ion Ratio Lower Upper
165 100
63 58.9 46.9 70.3
89 80.0 64.4 96.6
182 3.0 2.2 3.2

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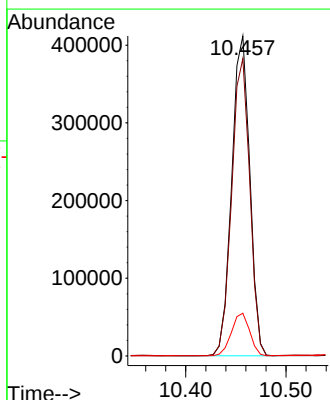
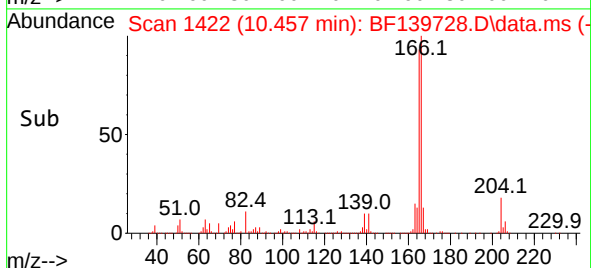
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 46.331 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



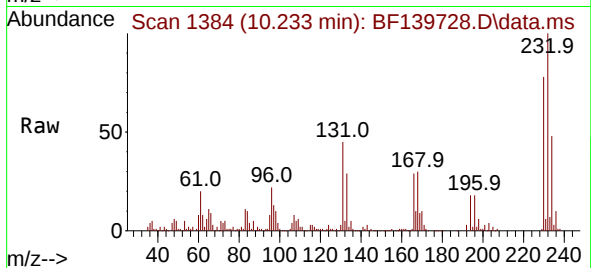
Tgt Ion:166 Resp: 514559
Ion Ratio Lower Upper
166 100
165 92.9 74.4 111.6
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.492 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

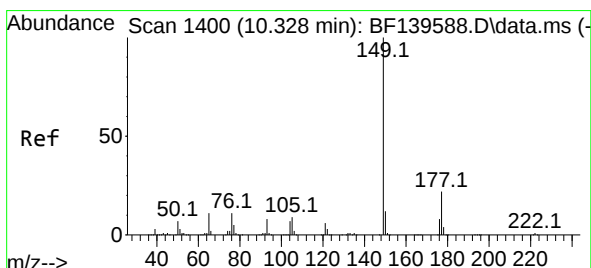
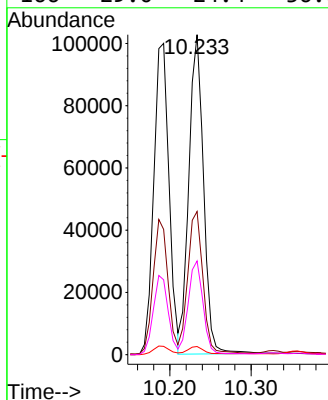
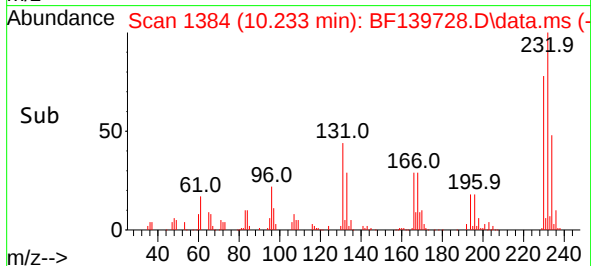
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:232 Resp: 12968
Ion Ratio Lower Upper
232 100
131 44.9 37.8 56.6
130 2.4 1.9 2.9
166 29.0 24.4 36.6

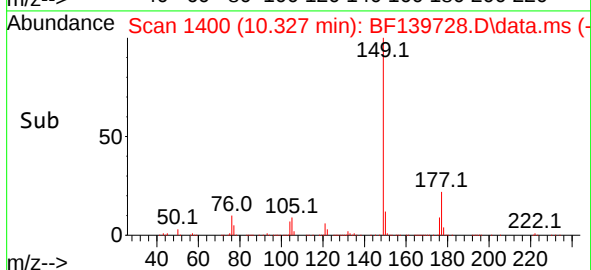
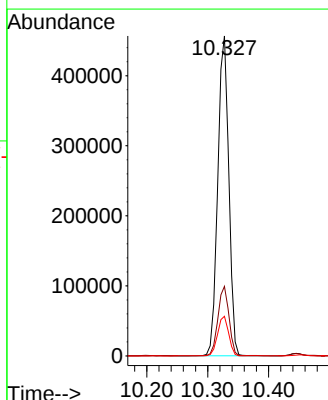
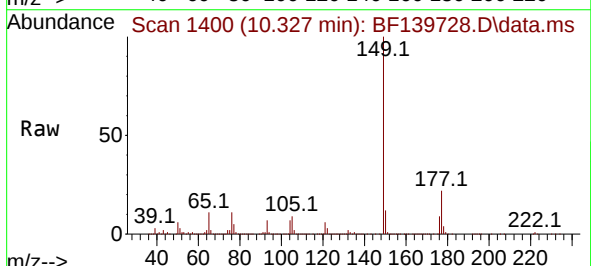
Manual Integrations
APPROVED

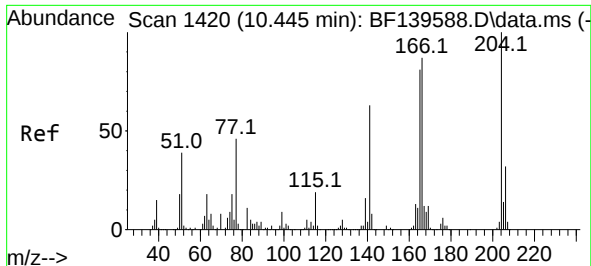
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 49.556 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

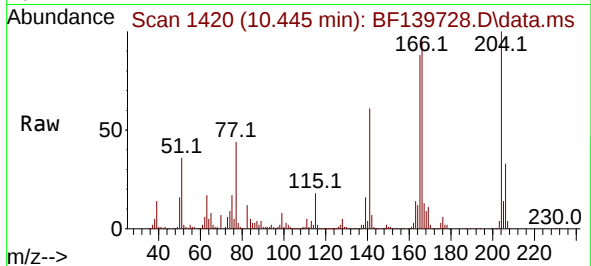
Tgt Ion:149 Resp: 573232
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.672 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

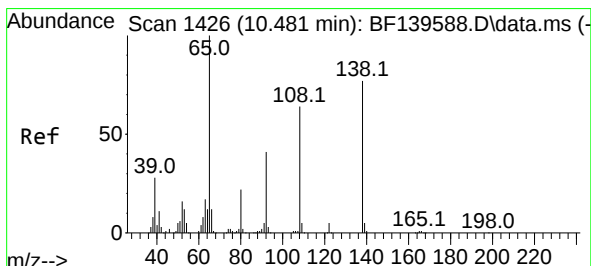
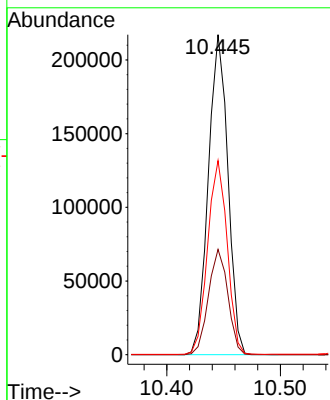
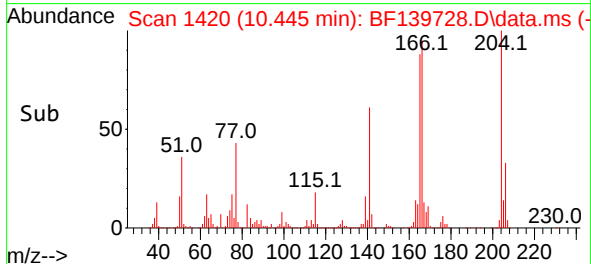
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion:204 Resp: 25932
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.7 50.5 75.7

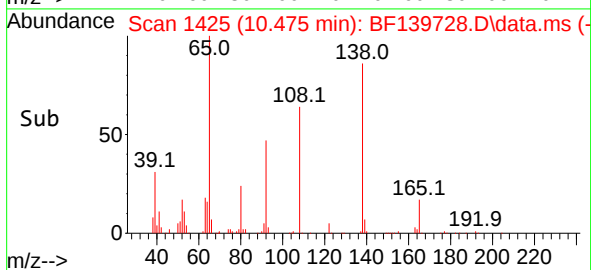
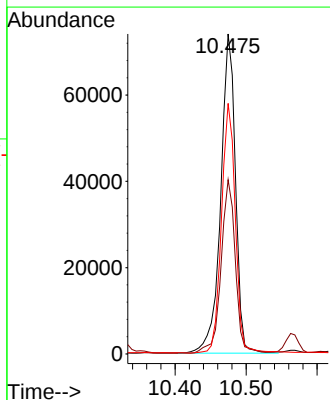
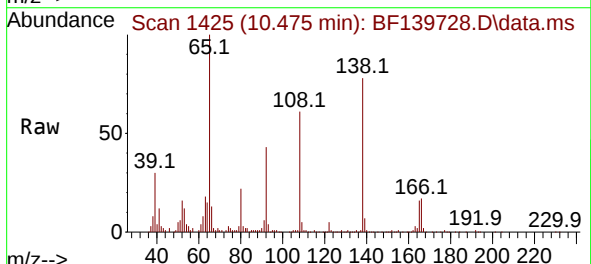
Manual Integrations
APPROVED

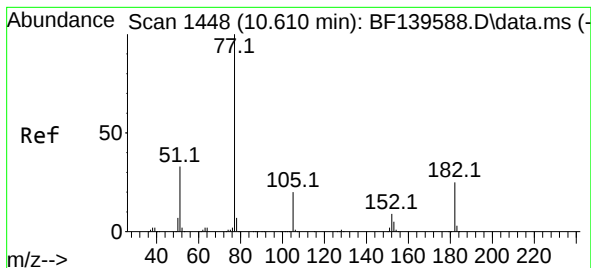
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#62
4-Nitroaniline
Concen: 40.279 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

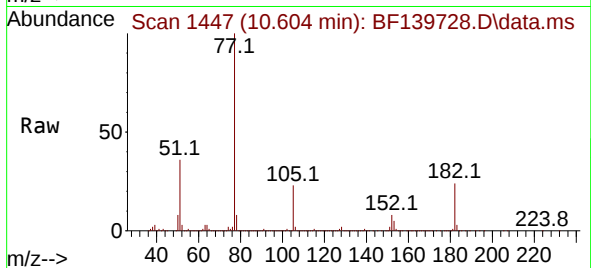
Tgt Ion:138 Resp: 106514
Ion Ratio Lower Upper
138 100
92 54.4 33.3 73.3
108 78.3 62.1 102.1





#63
Azobenzene
Concen: 54.436 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

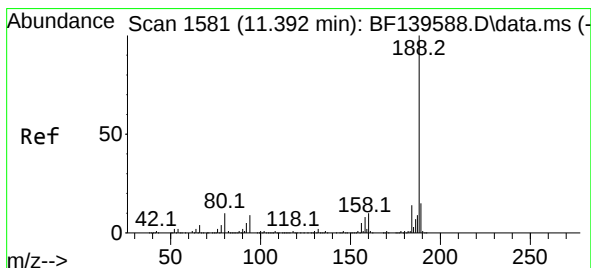
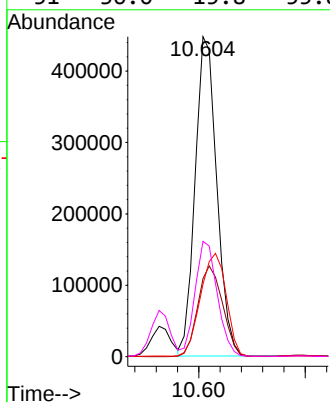
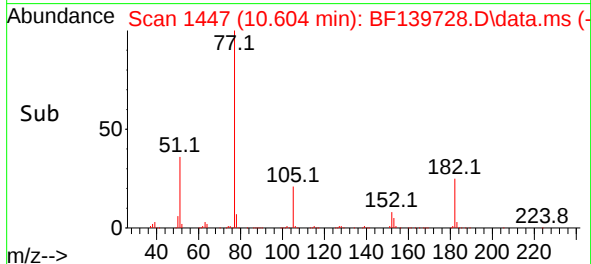
Instrument :
BNA_F
ClientSampleId :
IB-6MS



Tgt Ion: 77 Resp: 633250
Ion Ratio Lower Upper
77 100
182 24.4 4.2 44.2
105 22.6 0.0 39.6
51 36.0 15.8 55.8

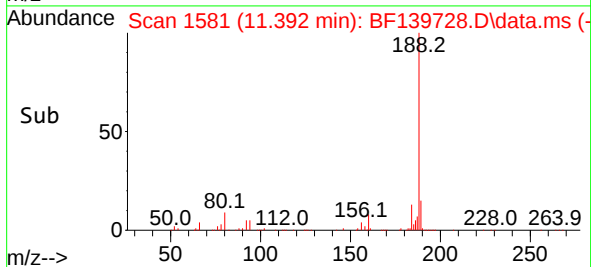
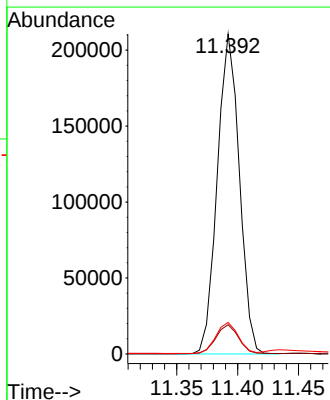
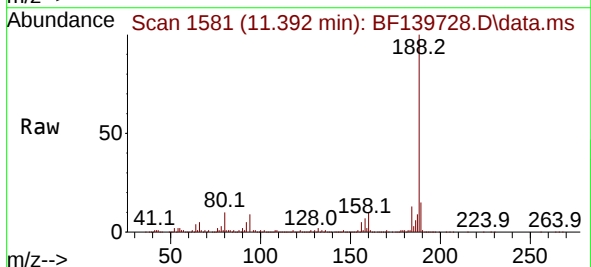
Manual Integrations
APPROVED

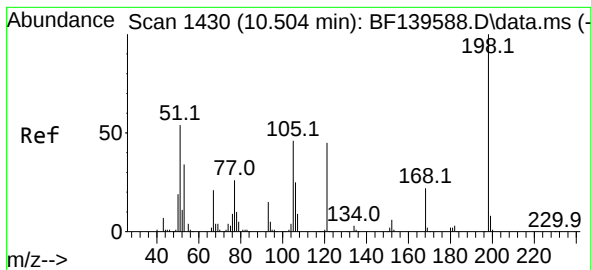
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:188 Resp: 266045
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.9 8.2 12.2





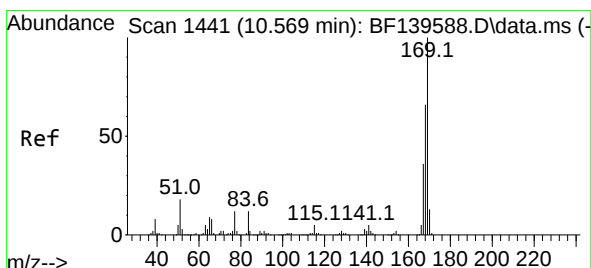
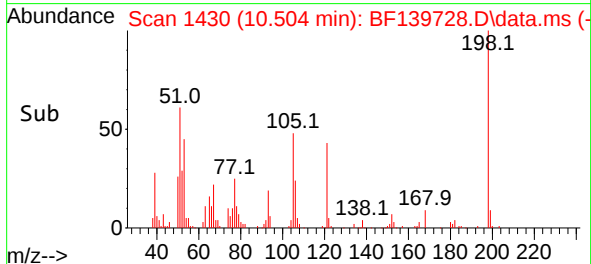
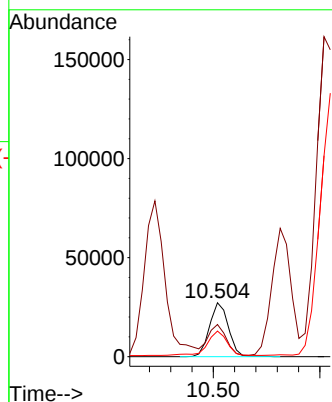
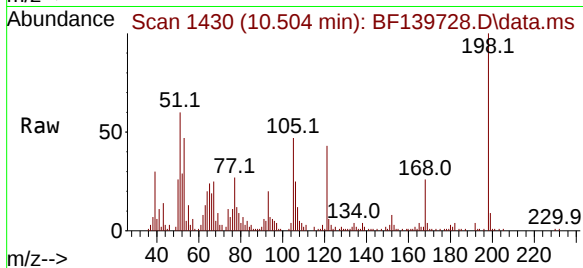
#65
4,6-Dinitro-2-methylphenol
Concen: 22.229 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:198 Resp: 3340
Ion Ratio Lower Upper
198 100
51 59.6 43.0 83.0
105 47.4 26.6 66.6

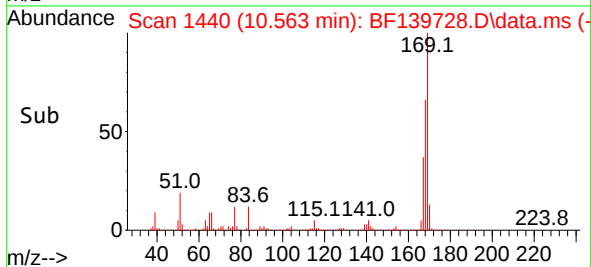
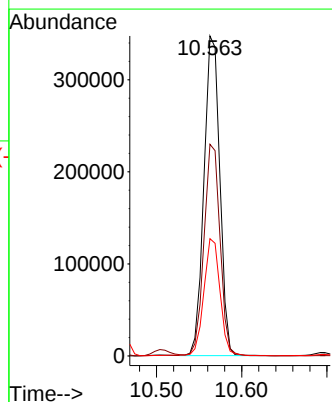
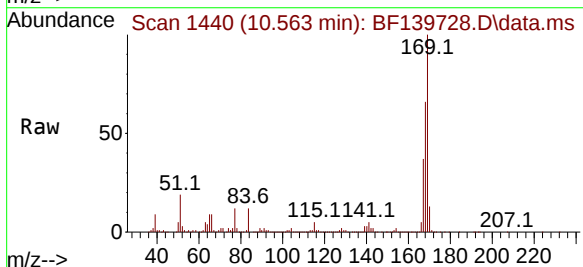
Manual Integrations
APPROVED

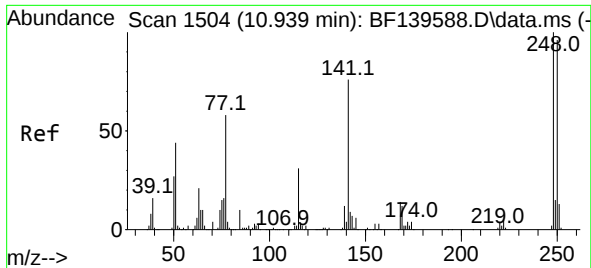
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 57.178 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

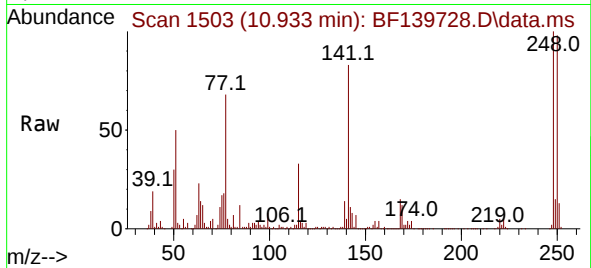
Tgt Ion:169 Resp: 448394
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 52.869 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

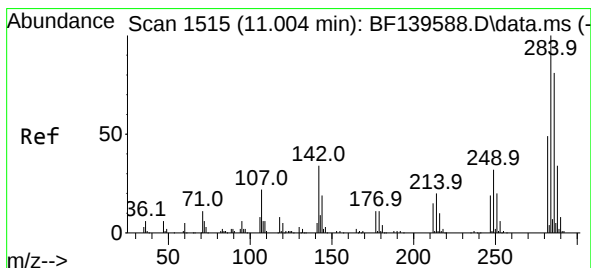
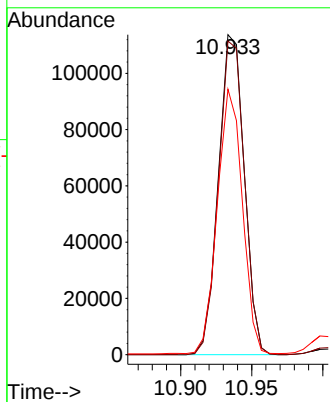
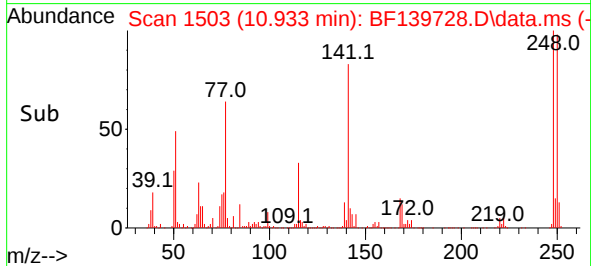
Instrument :
BNA_F
ClientSampleId :
IB-6MS



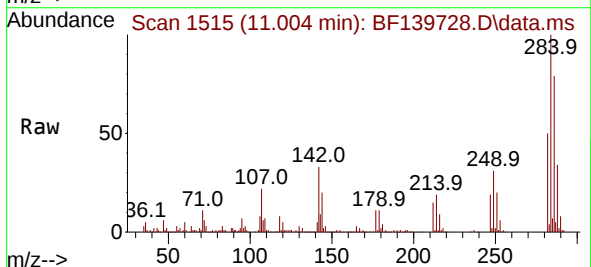
Tgt Ion:248 Resp: 144210
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 83.0 60.4 90.6

Manual Integrations
APPROVED

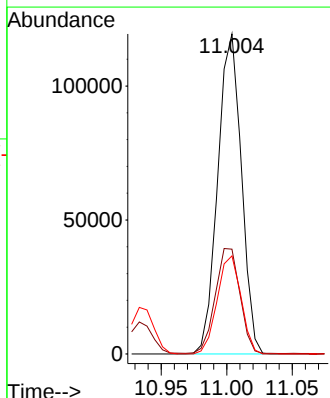
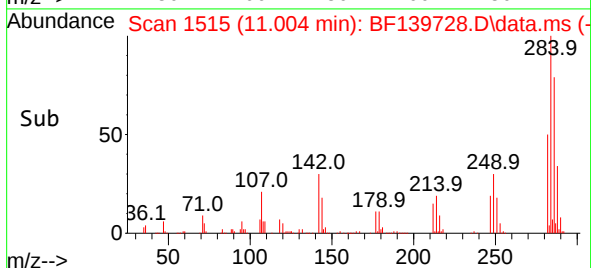
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

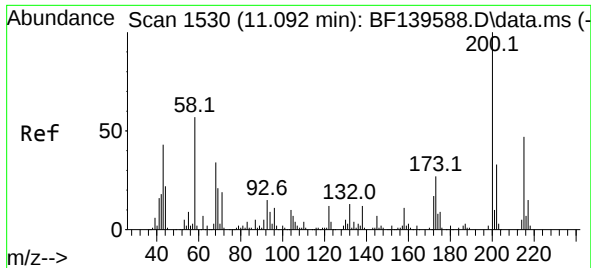


#68
Hexachlorobenzene
Concen: 49.429 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



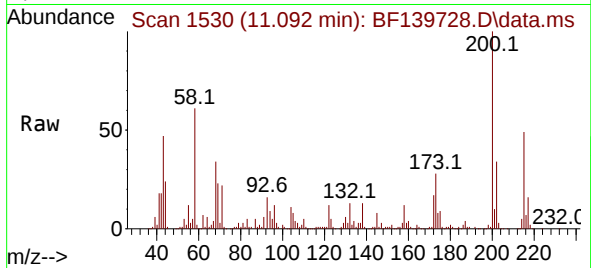
Tgt Ion:284 Resp: 149614
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 30.7 25.4 38.0





#69
 Atrazine
 Concen: 64.451 ng
 RT: 11.092 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF139728.D
 Acq: 09 Oct 2024 17:59

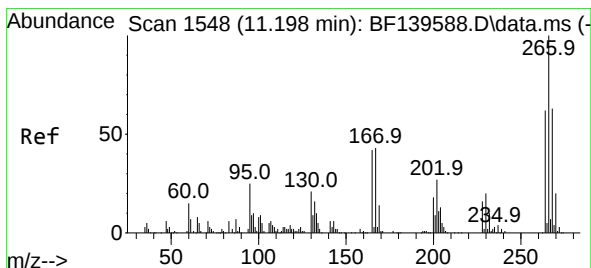
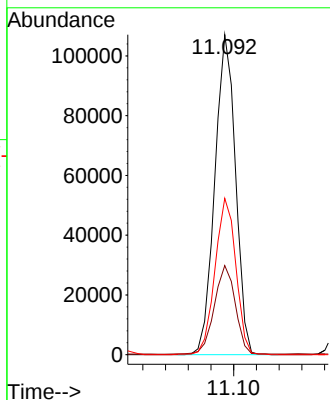
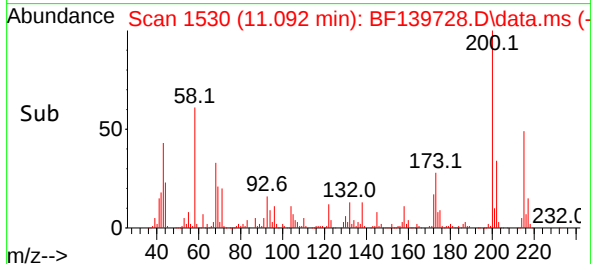
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MS



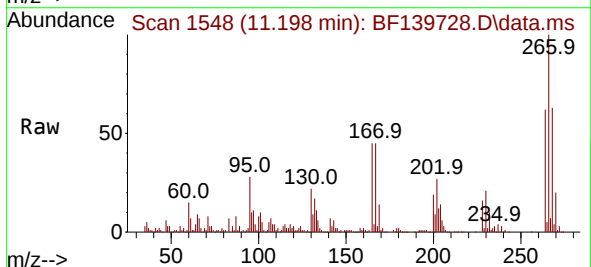
Tgt Ion:200 Resp: 135608
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.7 46.7
 215 48.9 27.5 67.5

Manual Integrations
 APPROVED

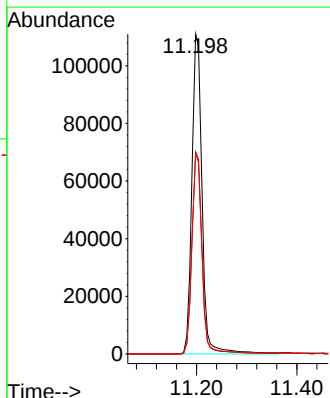
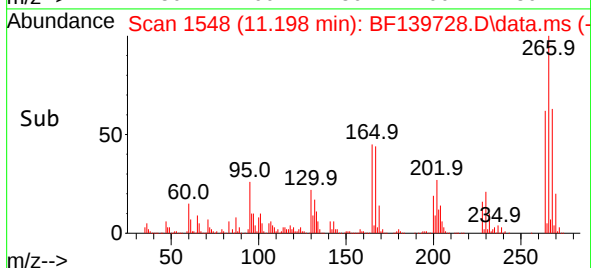
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

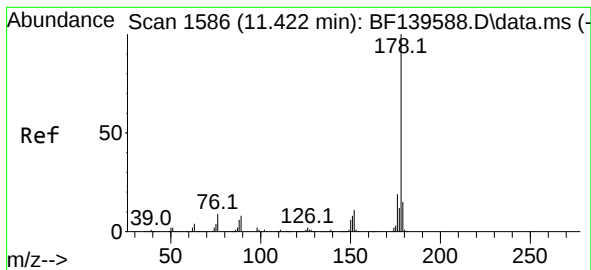


#70
 Pentachlorophenol
 Concen: 86.939 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139728.D
 Acq: 09 Oct 2024 17:59



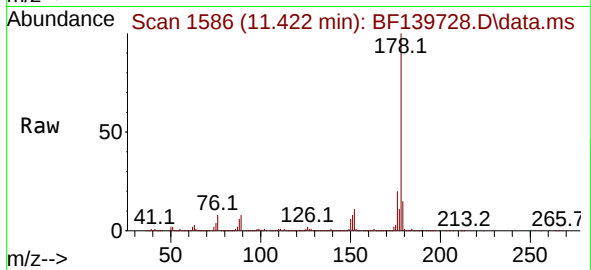
Tgt Ion:266 Resp: 156694
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.0 75.0
 264 62.5 49.3 73.9





#71
Phenanthrene
Concen: 58.025 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.001 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

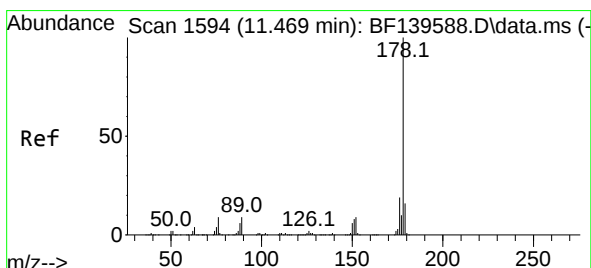
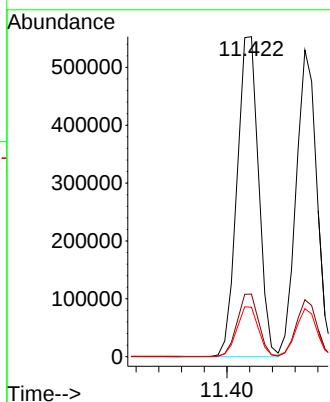
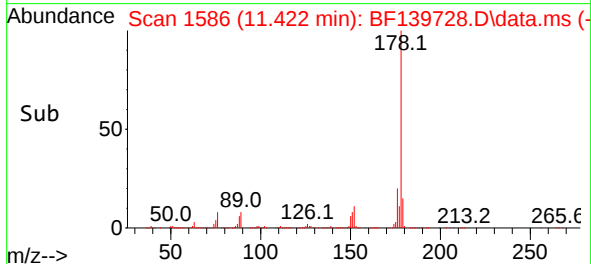
Instrument :
BNA_F
ClientSampleId :
IB-6MS



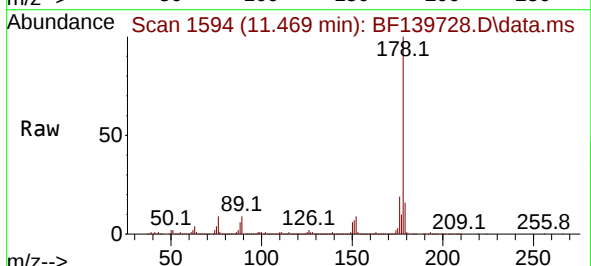
Tgt Ion:178 Resp: 727879
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.3 18.5

Manual Integrations
APPROVED

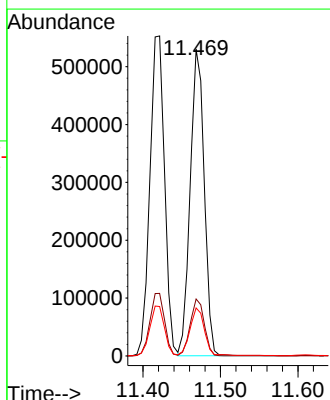
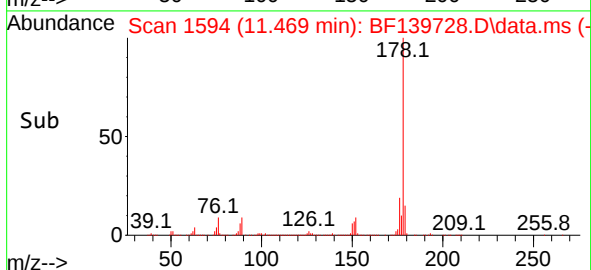
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

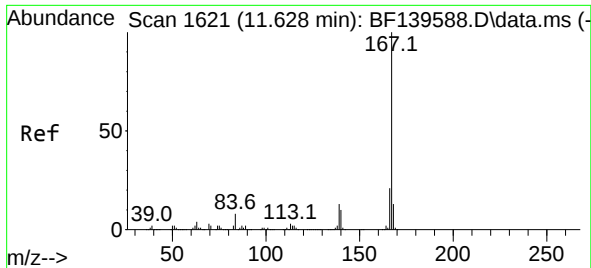


#72
Anthracene
Concen: 53.770 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



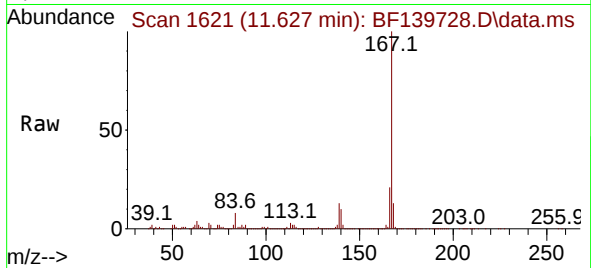
Tgt Ion:178 Resp: 667281
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 48.980 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139728.D
 Acq: 09 Oct 2024 17:59

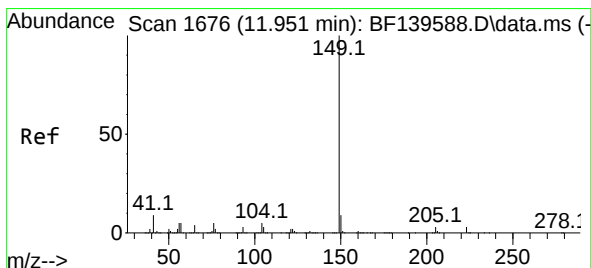
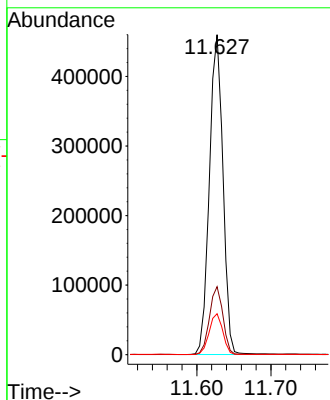
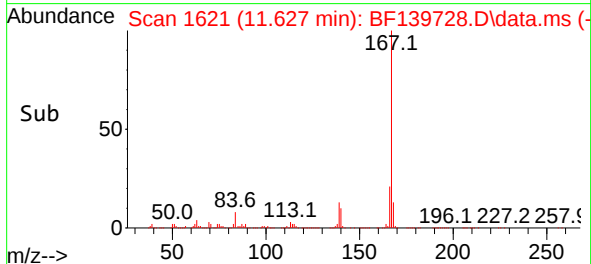
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MS



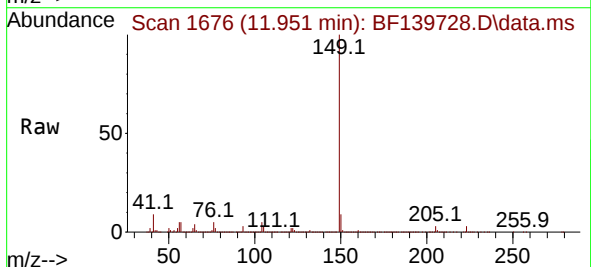
Tgt Ion:167 Resp: 58380
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.8 10.3 15.5

Manual Integrations
 APPROVED

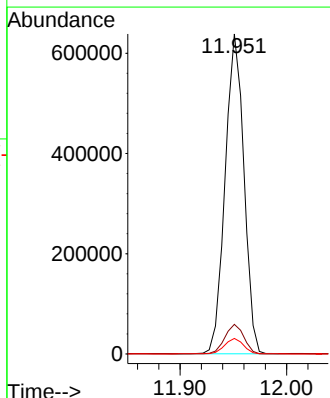
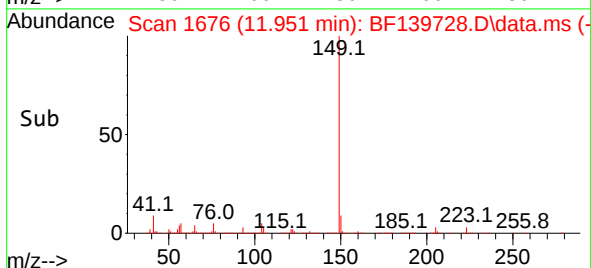
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

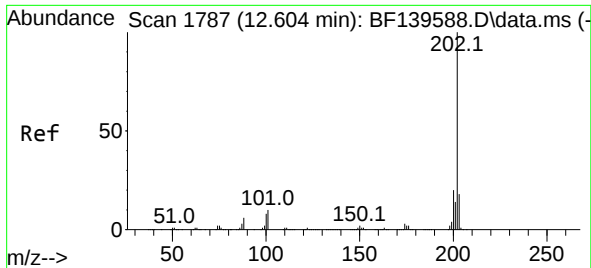


#74
 Di-n-butylphthalate
 Concen: 53.914 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139728.D
 Acq: 09 Oct 2024 17:59



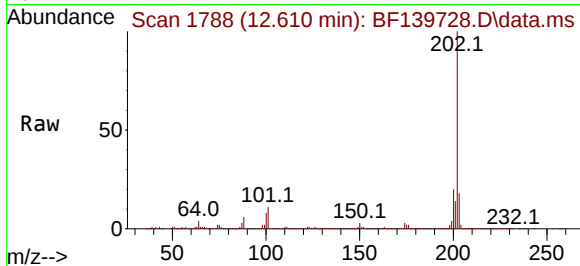
Tgt Ion:149 Resp: 781434
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 58.332 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

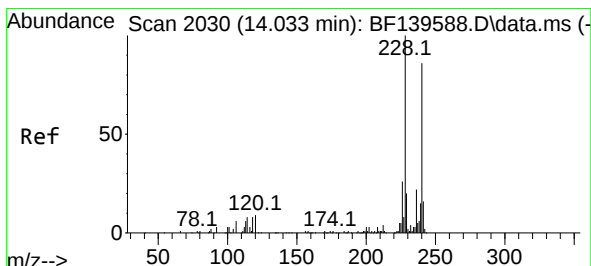
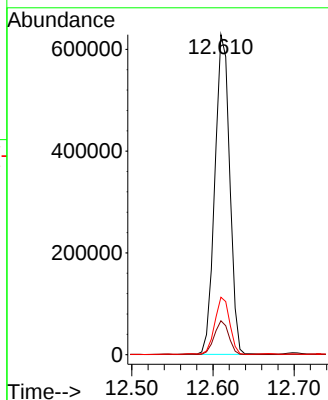
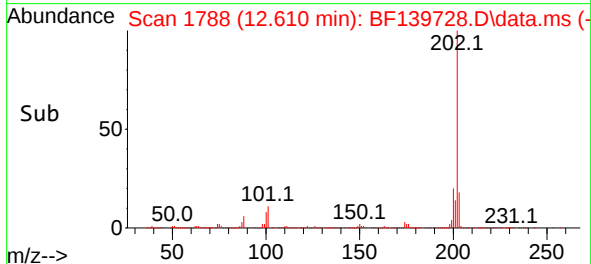
Instrument :
BNA_F
ClientSampleId :
IB-6MS



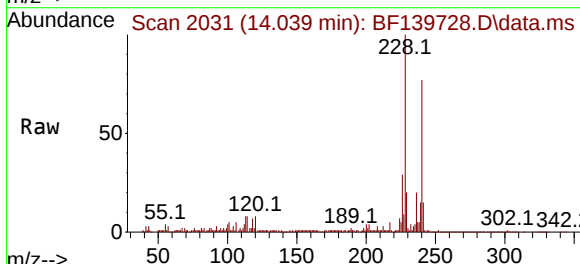
Tgt Ion:202 Resp: 79988
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.9 0.0 37.7

Manual Integrations
APPROVED

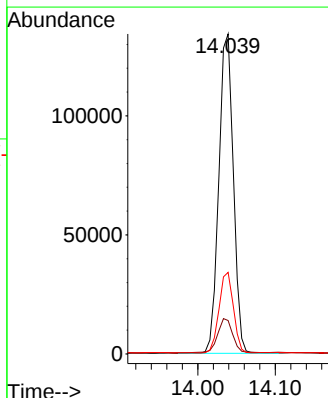
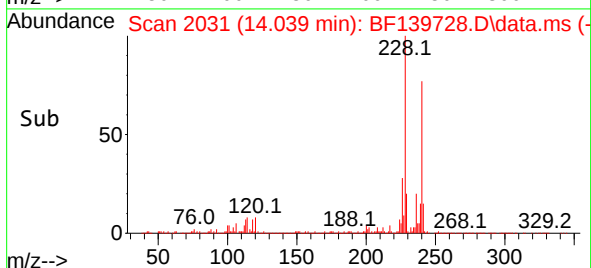
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

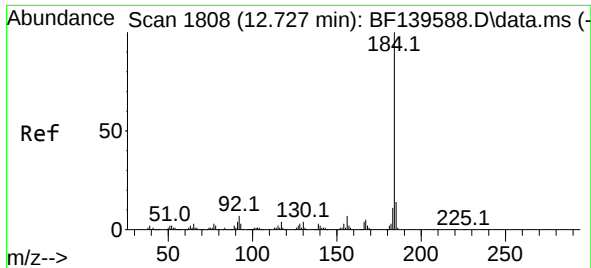


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59



Tgt Ion:240 Resp: 174817
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.5 20.3 30.5





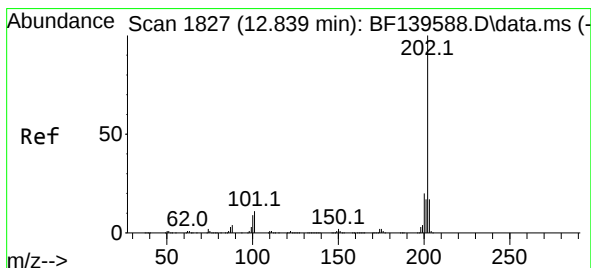
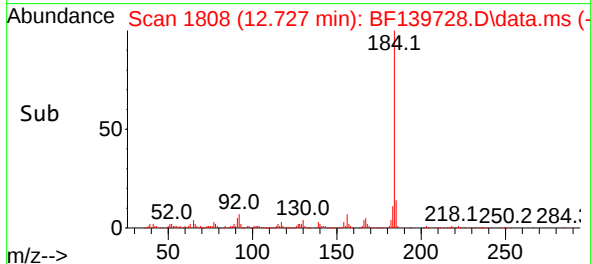
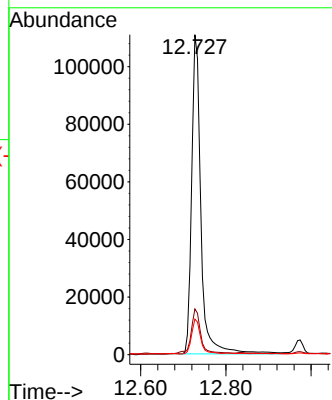
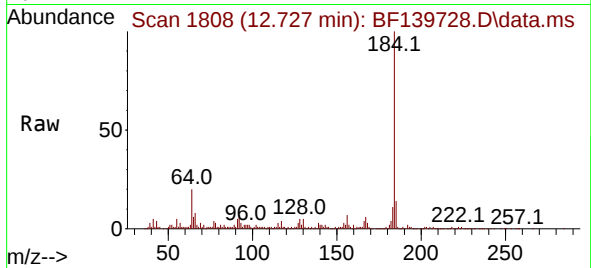
#77
Benzidine
Concen: 54.235 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:184 Resp: 167238
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.1 8.8 13.2

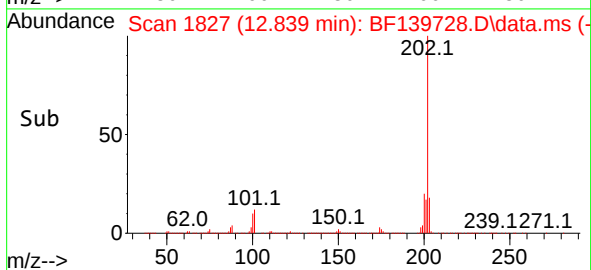
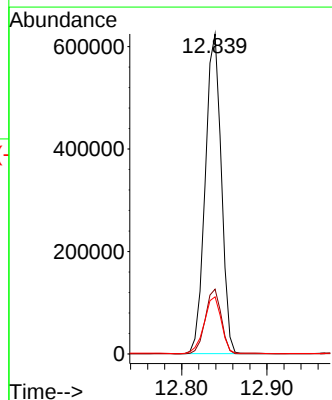
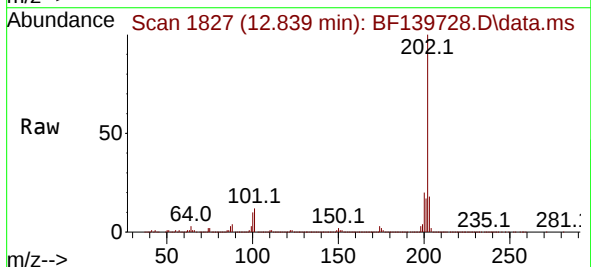
Manual Integrations
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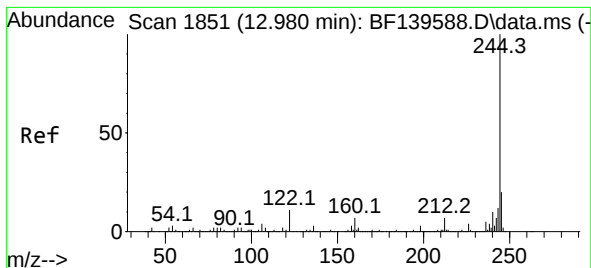
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#78
Pyrene
Concen: 52.114 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:202 Resp: 814831
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.6
203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 40.475 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:244 Resp: 431220

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

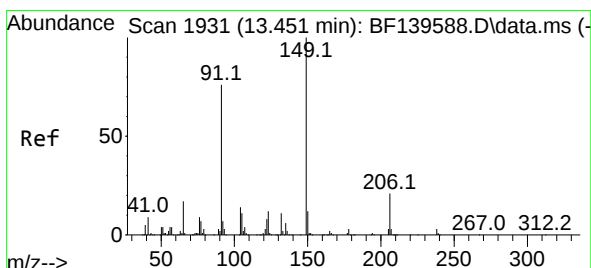
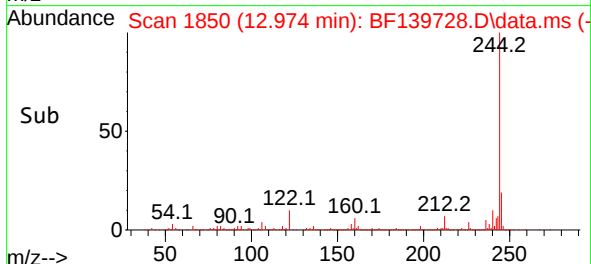
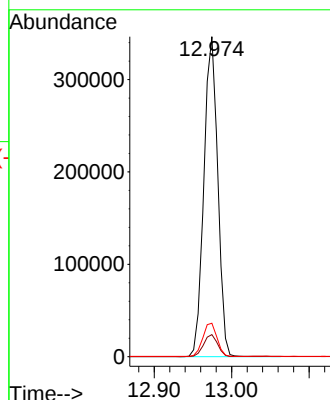
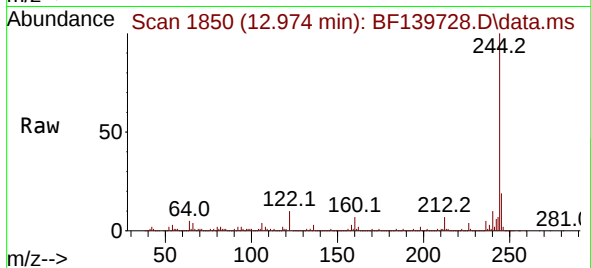
122 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#80

Butylbenzylphthalate

Concen: 48.647 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

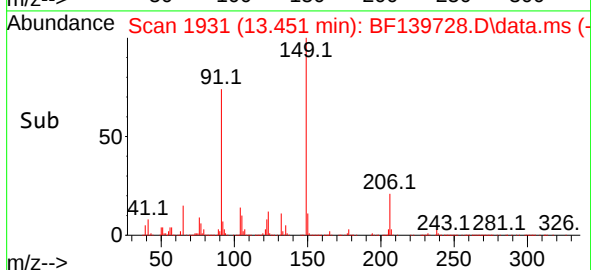
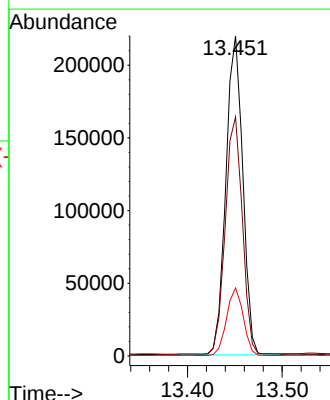
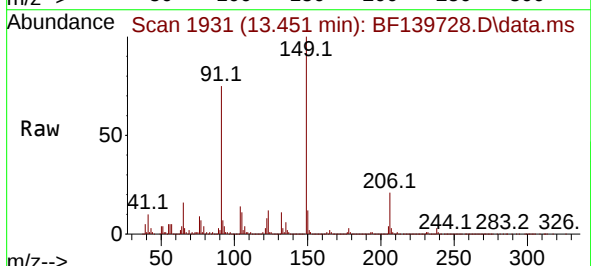
Tgt Ion:149 Resp: 272068

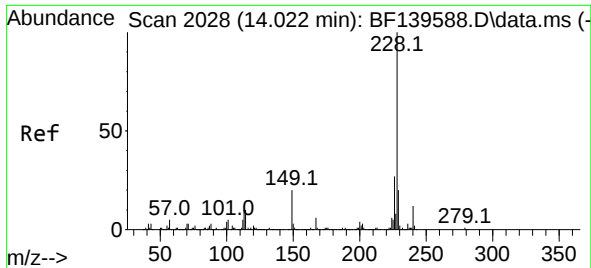
Ion Ratio Lower Upper

149 100

91 74.7 61.0 91.4

206 21.2 16.6 24.8





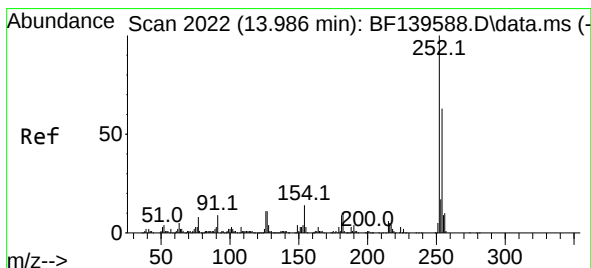
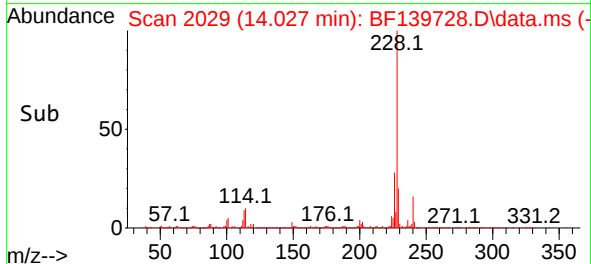
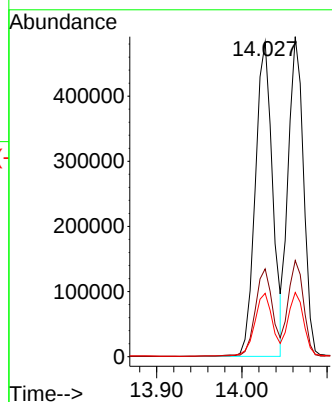
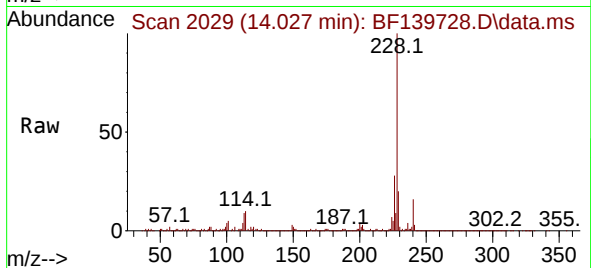
#81
Benzo(a)anthracene
Concen: 59.238 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-6MS

Tgt Ion:228 Resp: 680860
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.8
229 20.2 15.8 23.8

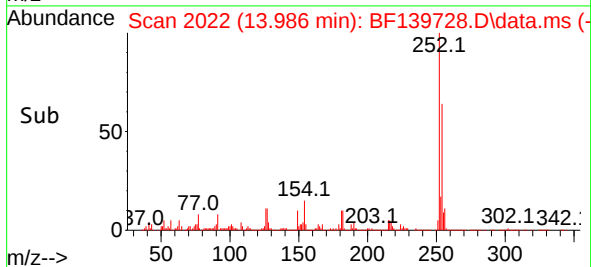
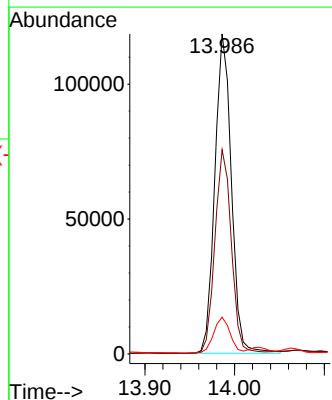
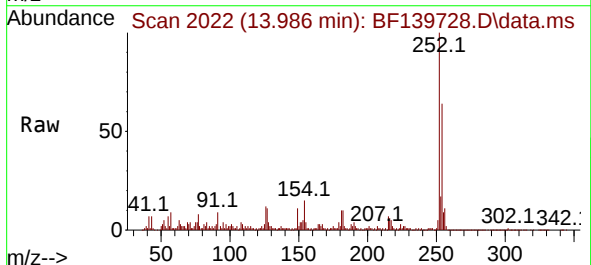
Manual Integrations
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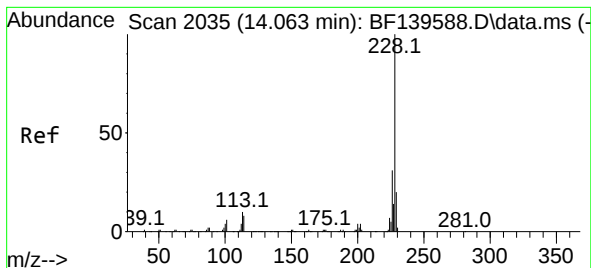
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#82
3,3'-Dichlorobenzidine
Concen: 43.159 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139728.D
Acq: 09 Oct 2024 17:59

Tgt Ion:252 Resp: 151813
Ion Ratio Lower Upper
252 100
254 63.9 50.5 75.7
126 11.5 8.8 13.2





#83

Chrysene

Concen: 58.046 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:228 Resp: 609940

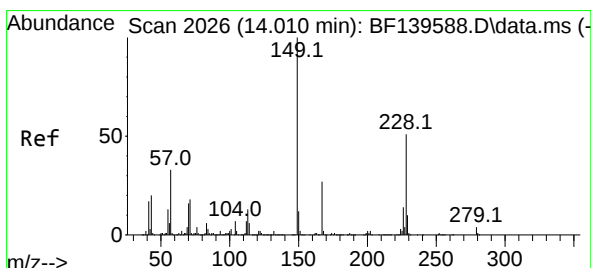
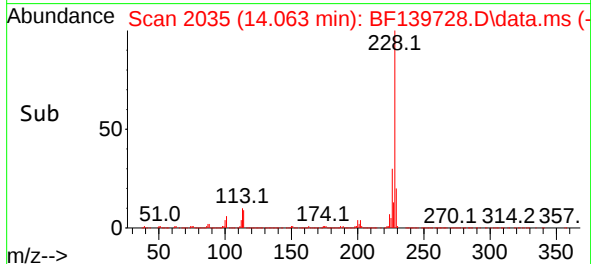
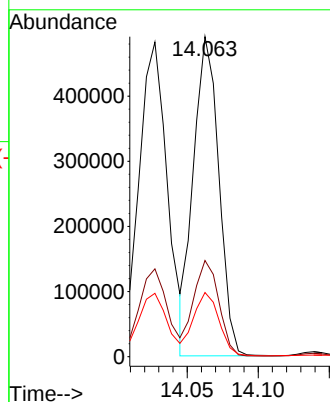
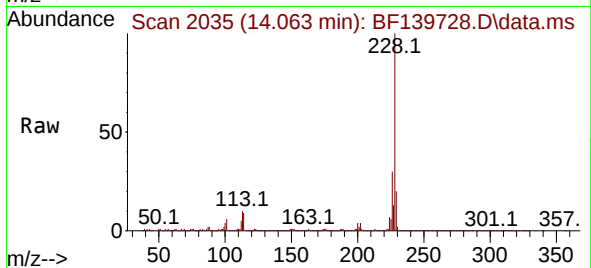
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.040 ng

RT: 14.010 min Scan# 2026

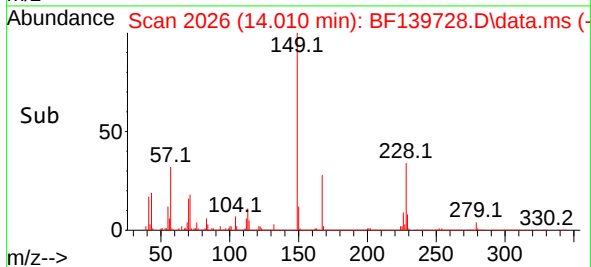
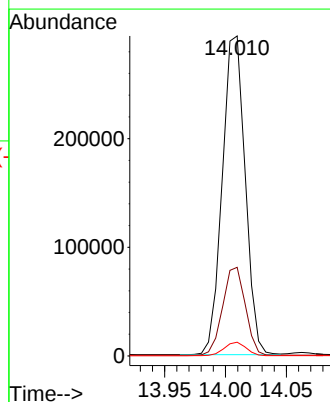
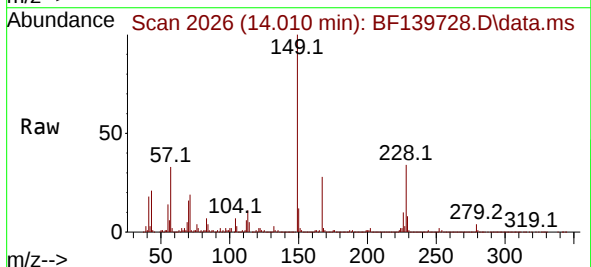
Delta R.T. -0.000 min

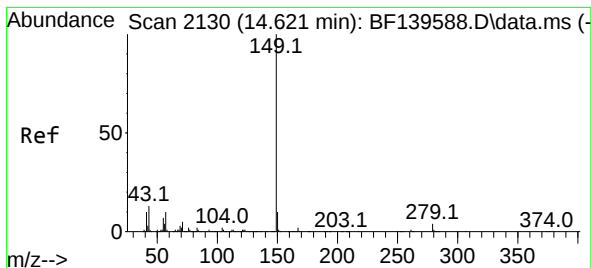
Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion:149 Resp: 384378

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.7	32.5
279	4.3	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 62.672 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:149 Resp: 642989

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

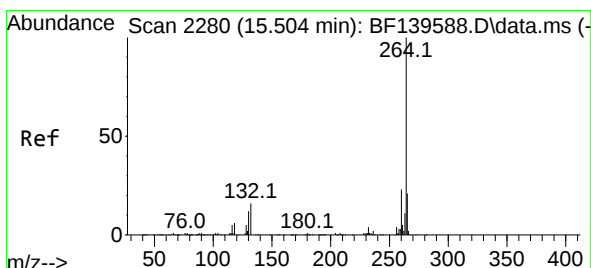
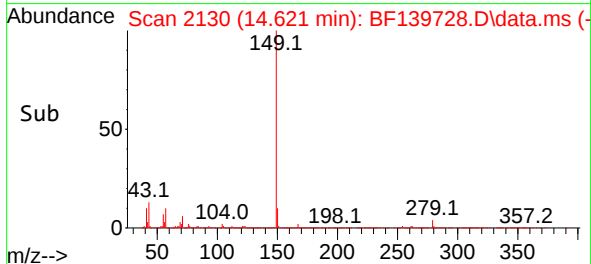
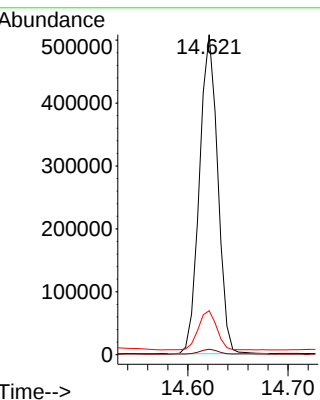
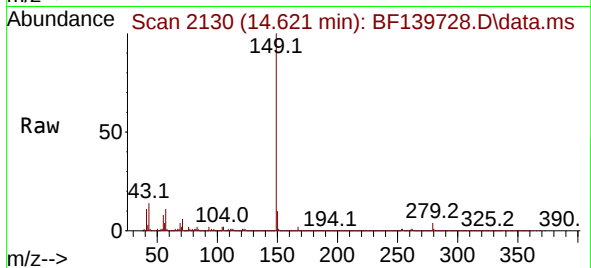
43 12.5 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

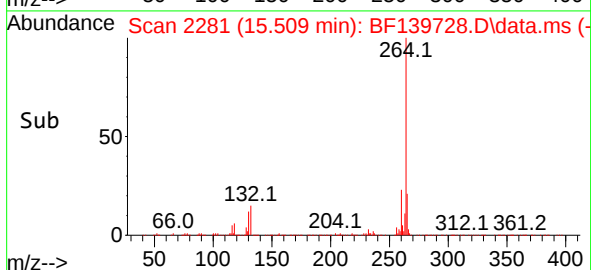
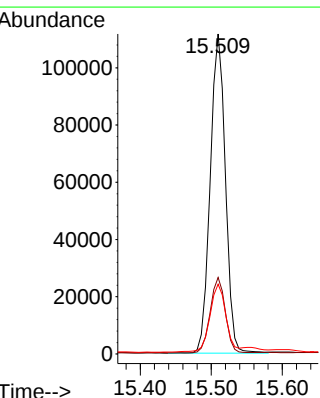
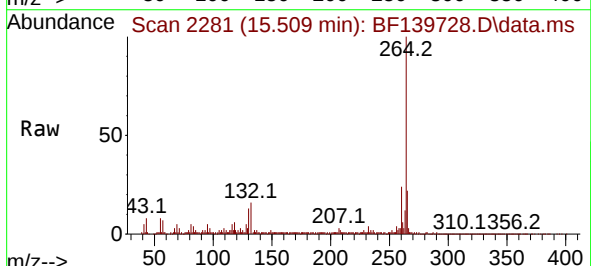
Tgt Ion:264 Resp: 165297

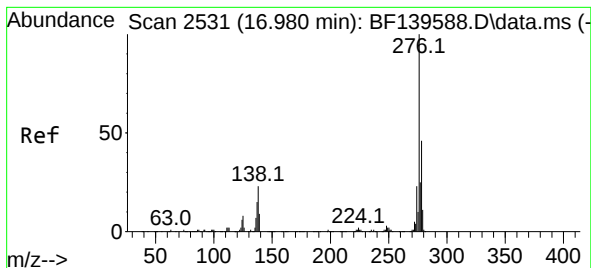
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.864 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:276 Resp: 39756

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

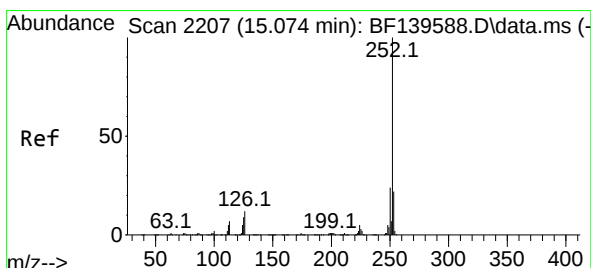
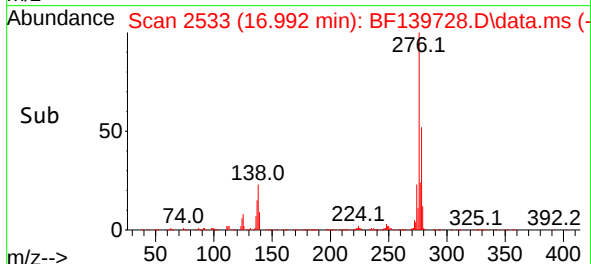
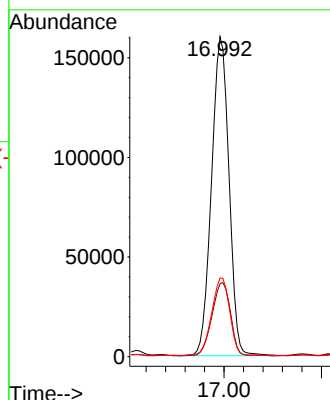
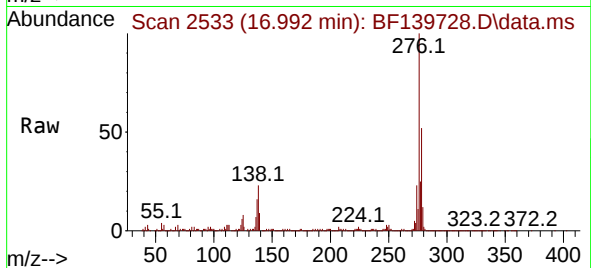
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#88

Benzo(b)fluoranthene

Concen: 63.261 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

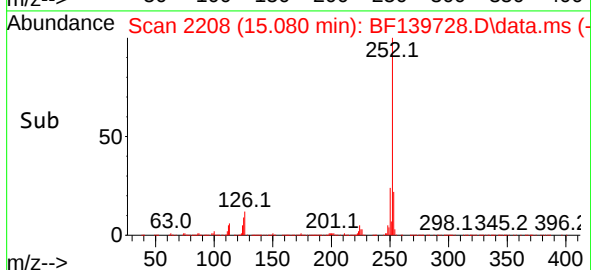
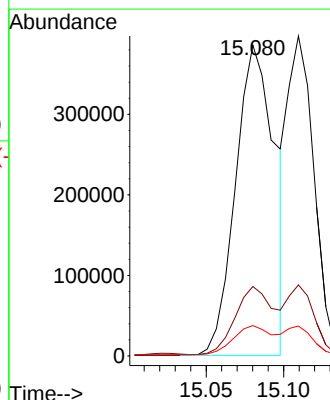
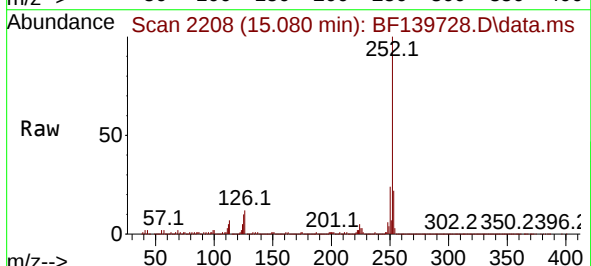
Tgt Ion:252 Resp: 676120

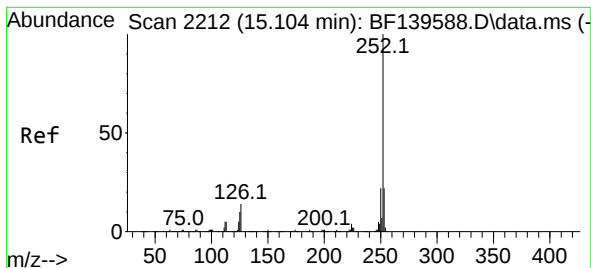
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.803 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

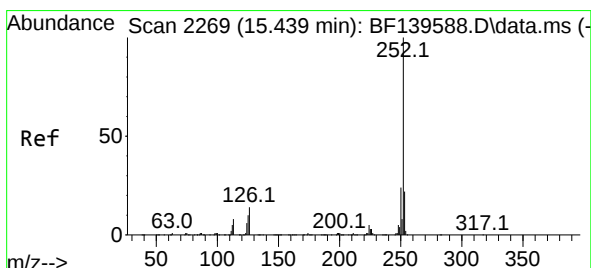
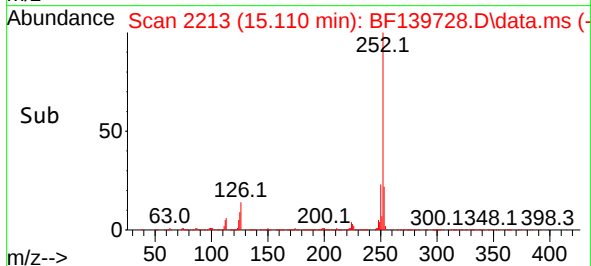
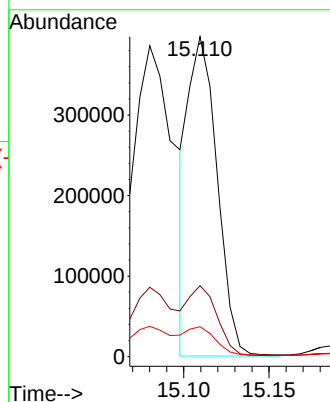
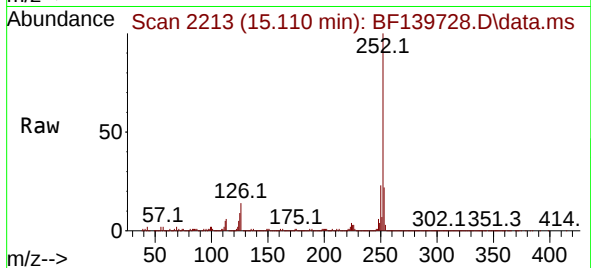
Tgt Ion:252 Resp: 469650
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 60.285 ng

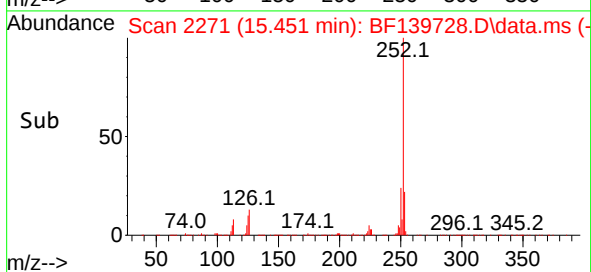
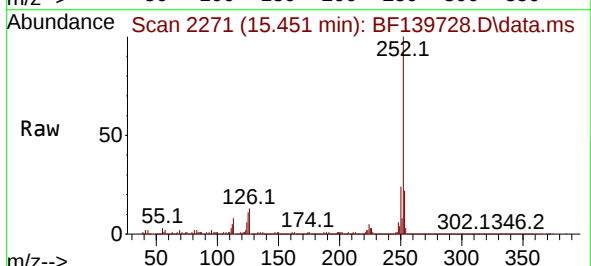
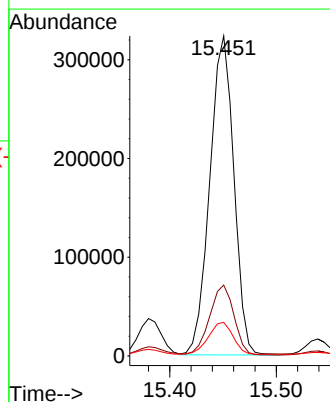
RT: 15.451 min Scan# 2271

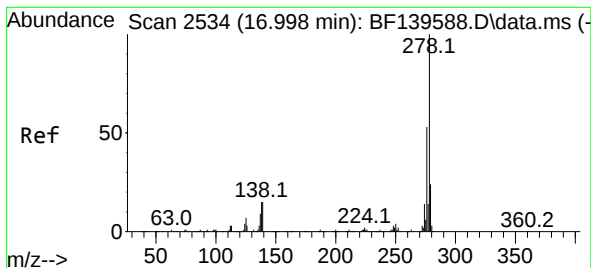
Delta R.T. 0.012 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion:252 Resp: 508046
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 10.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 39.413 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-6MS

Tgt Ion:278 Resp: 31804

Ion Ratio Lower Upper

278 100

139 15.0 12.2 18.4

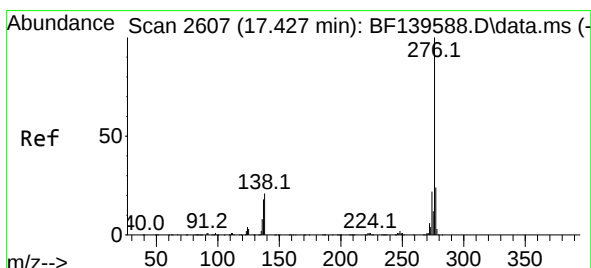
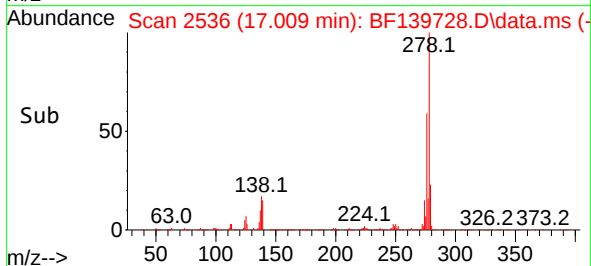
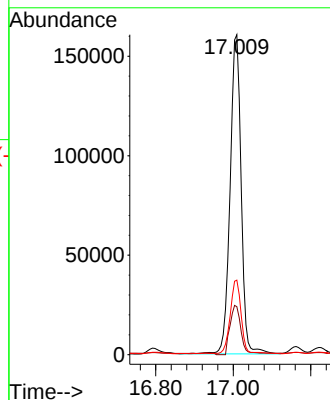
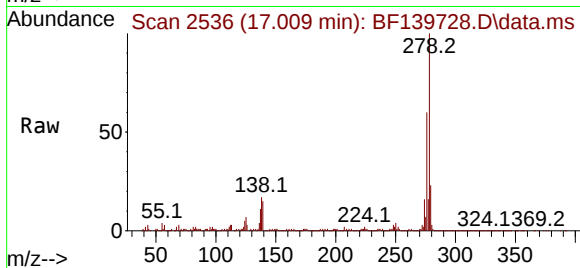
279 23.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#92

Benzo(g,h,i)perylene

Concen: 35.649 ng

RT: 17.439 min Scan# 2609

Delta R.T. 0.012 min

Lab File: BF139728.D

Acq: 09 Oct 2024 17:59

Tgt Ion:276 Resp: 288499

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.1 17.0 25.6

