

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139818.D
 Acq On : 15 Oct 2024 18:02
 Operator : RC/JU
 Sample : P4395-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 18:29:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	81196	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	312809	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	172495	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	283315	20.000	ng	0.00
76) Chrysene-d12	14.015	240	121764	20.000	ng	0.00
86) Perylene-d12	15.480	264	160038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	718380	149.282	ng	0.02
7) Phenol-d6	6.492	99	893252	139.574	ng	0.00
23) Nitrobenzene-d5	7.422	82	666728	109.705	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	237247	163.079	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1193020	103.446	ng	0.00
79) Terphenyl-d14	12.957	244	839777	178.678	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.816	88	103758	49.552	ng	# 82
3) Pyridine	3.522	79	219929	42.919	ng	99
4) n-Nitrosodimethylamine	3.457	42	167811	55.144	ng	98
6) Aniline	6.522	93	115761	20.993	ng	# 51
8) 2-Chlorophenol	6.645	128	289206	56.923	ng	99
9) Benzaldehyde	6.410	77	31848	8.860	ng	99
10) Phenol	6.510	94	329405	49.034	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	287521	57.392	ng	99
12) 1,3-Dichlorobenzene	6.798	146	292942	50.994	ng	99
13) 1,4-Dichlorobenzene	6.875	146	300382	52.126	ng	100
14) 1,2-Dichlorobenzene	7.022	146	287813	53.830	ng	99
15) Benzyl Alcohol	6.998	79	272025	59.056	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	508864	57.961	ng	93
17) 2-Methylphenol	7.116	107	231902	56.422	ng	95
18) Hexachloroethane	7.363	117	110476	52.916	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	220025	59.037	ng	100
20) 3+4-Methylphenols	7.269	107	291038	56.313	ng	97
22) Acetophenone	7.263	105	399886	54.472	ng	98
24) Nitrobenzene	7.439	77	335118	52.894	ng	98
25) Isophorone	7.675	82	605499	58.380	ng	100
26) 2-Nitrophenol	7.751	139	156833	56.853	ng	97
27) 2,4-Dimethylphenol	7.792	122	233794m	69.747	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	358145	56.266	ng	99
29) 2,4-Dichlorophenol	7.998	162	246855	56.785	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	255259	51.572	ng	99
31) Naphthalene	8.157	128	867449	53.807	ng	99
32) Benzoic acid	7.922	122	168241	54.360	ng	98
33) 4-Chloroaniline	8.204	127	42739	8.084	ng	98
34) Hexachlorobutadiene	8.269	225	159872	50.902	ng	98
35) Caprolactam	8.581	113	63340m	51.606	ng	
36) 4-Chloro-3-methylphenol	8.698	107	268090	58.071	ng	100
37) 2-Methylnaphthalene	8.845	142	567101	56.108	ng	99
38) 1-Methylnaphthalene	8.945	142	530576	53.921	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	265430	52.980	ng	98
41) Hexachlorocyclopentadiene	8.998	237	259827	197.099	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	178779	56.131	ng	100

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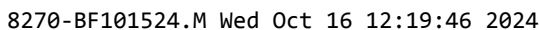
Quant Time: Oct 15 18:29:26 2024
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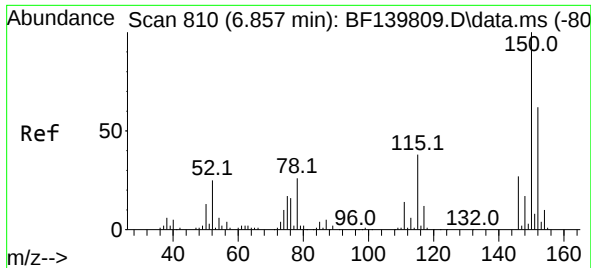
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	187985	55.080	ng	99
46) 1,1'-Biphenyl	9.310	154	706329	54.157	ng	99
47) 2-Chloronaphthalene	9.339	162	526263	52.812	ng	99
48) 2-Nitroaniline	9.439	65	184322	56.657	ng	96
49) Acenaphthylene	9.751	152	855209	58.438	ng	99
50) Dimethylphthalate	9.616	163	613653	58.119	ng	100
51) 2,6-Dinitrotoluene	9.680	165	132211	54.880	ng	98
52) Acenaphthene	9.922	154	516241	55.684	ng	100
53) 3-Nitroaniline	9.845	138	33162	13.806	ng	97
54) 2,4-Dinitrophenol	9.963	184	142692	145.748	ng	99
55) Dibenzofuran	10.098	168	775154	55.760	ng	99
56) 4-Nitrophenol	10.016	139	158970	109.938	ng	97
57) 2,4-Dinitrotoluene	10.086	165	168087	56.513	ng	94
58) Fluorene	10.439	166	595085	55.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	149826	59.035	ng	100
60) Diethylphthalate	10.310	149	592558	57.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	293153	54.836	ng	99
62) 4-Nitroaniline	10.463	138	115524	52.586	ng	100
63) Azobenzene	10.592	77	619435	57.842	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	90360	60.793	ng	96
66) n-Nitrosodiphenylamine	10.551	169	506289	56.494	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	168375	55.162	ng	99
68) Hexachlorobenzene	10.986	284	183815	53.834	ng	97
69) Atrazine	11.074	200	131168	78.402	ng	98
70) Pentachlorophenol	11.186	266	180516	123.622	ng	99
71) Phenanthrene	11.404	178	765935	56.598	ng	100
72) Anthracene	11.451	178	783097	58.889	ng	99
73) Carbazole	11.610	167	631663	53.690	ng	100
74) Di-n-butylphthalate	11.933	149	749684	58.642	ng	100
75) Fluoranthene	12.586	202	671021	52.553	ng	100
77) Benzidine	12.716	184	66469	32.679	ng	99
78) Pyrene	12.816	202	656272	54.827	ng	100
80) Butylbenzylphthalate	13.427	149	198379	61.132	ng	96
81) Benzo(a)anthracene	14.004	228	470319	58.151	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	88882	32.983	ng	99
83) Chrysene	14.039	228	445532	60.438	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	252122	60.232	ng	100
85) Di-n-octyl phthalate	14.598	149	476455	61.182	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	604288	56.388	ng	100
88) Benzo(b)fluoranthene	15.051	252	554710	60.427	ng	98
89) Benzo(k)fluoranthene	15.080	252	456267	56.006	ng	99
90) Benzo(a)pyrene	15.421	252	500158	62.378	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	488415	55.575	ng	99
92) Benzo(g,h,i)perylene	17.398	276	453259	49.173	ng	99

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

Manual Integrations

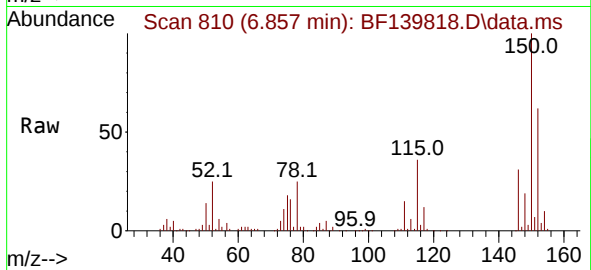
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

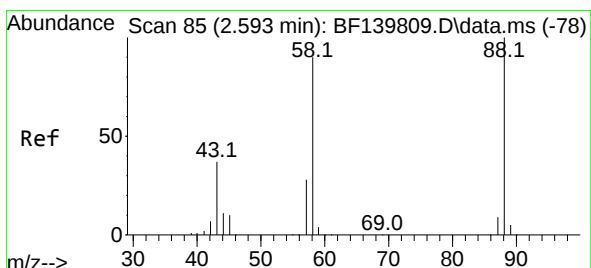
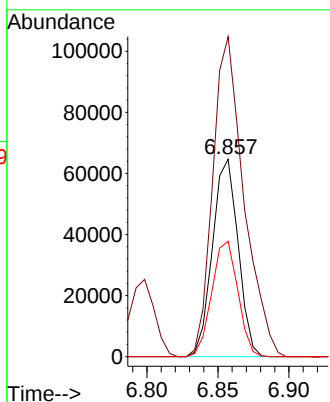
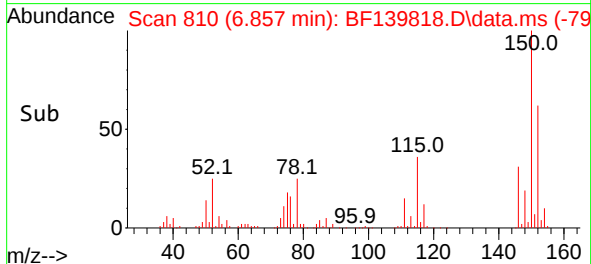
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMS



Tgt Ion:152 Resp: 81190
 Ion Ratio Lower Upper
 152 100
 150 162.1 128.2 192.2
 115 58.5 48.1 72.1

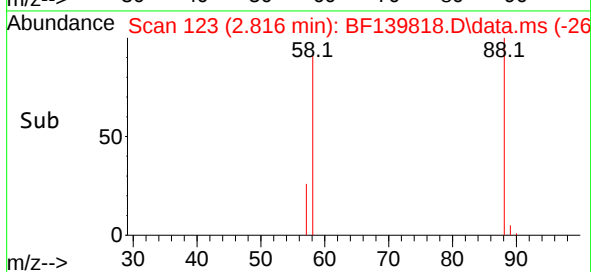
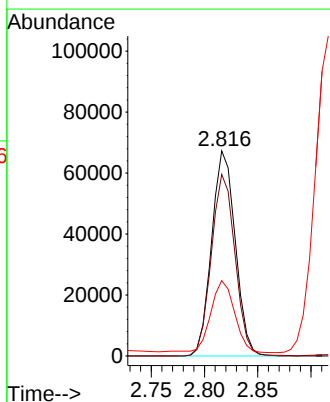
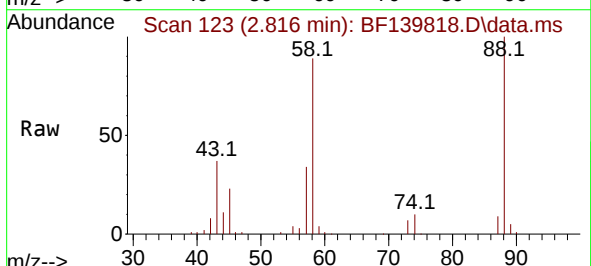
Manual Integrations
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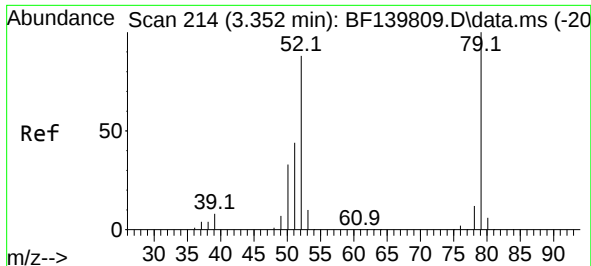
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024



#2
 1,4-Dioxane
 Concen: 49.552 ng
 RT: 2.816 min Scan# 123
 Delta R.T. 0.223 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

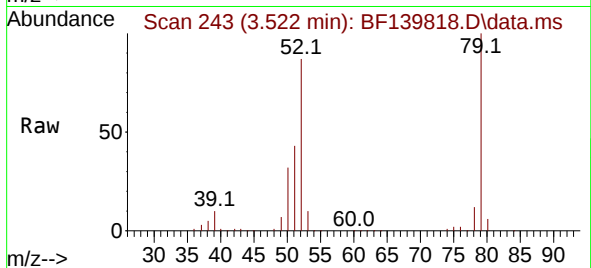
Tgt Ion: 88 Resp: 103758
 Ion Ratio Lower Upper
 88 100
 58 88.8 71.3 106.9
 43 0.0 28.9 43.3#





#3
Pyridine
Concen: 42.919 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.170 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

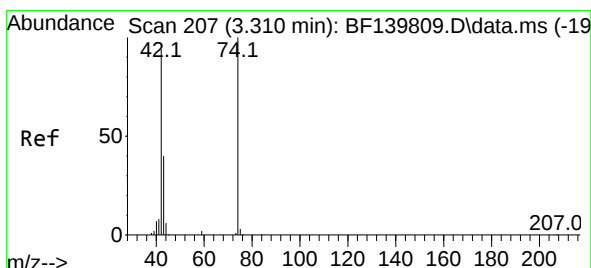
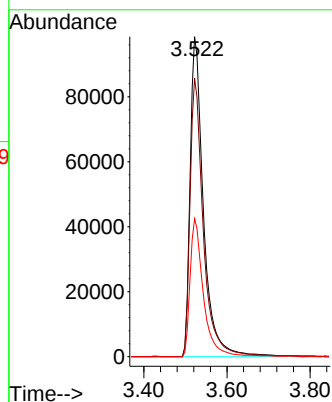
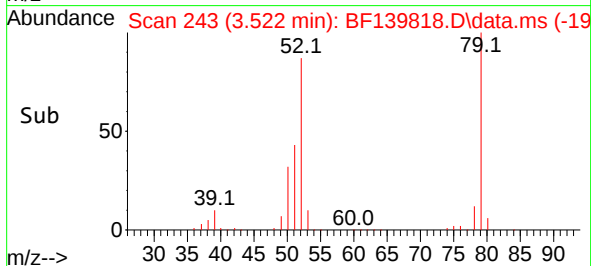
Instrument :
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ClientSampleId :
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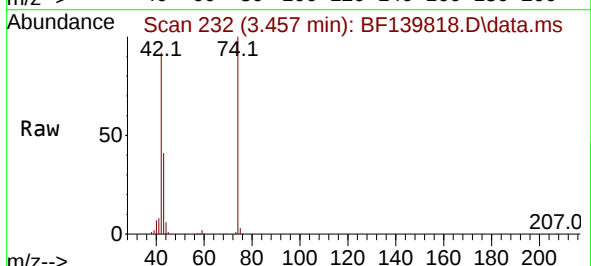
Tgt Ion: 79 Resp: 219929
Ion Ratio Lower Upper
79 100
52 87.0 70.0 105.0
51 43.1 35.2 52.8

Manual Integrations
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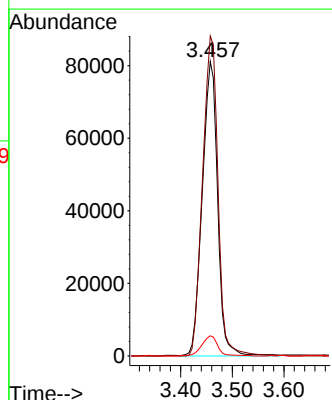
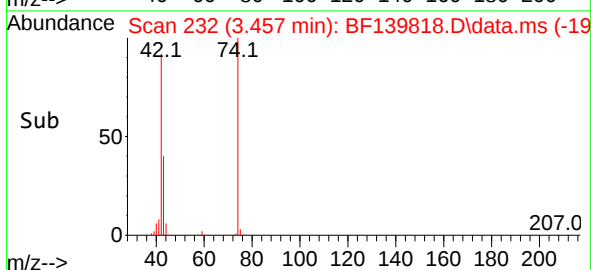
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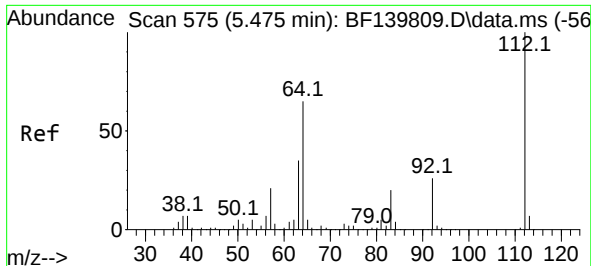


#4
n-Nitrosodimethylamine
Concen: 55.144 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.147 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



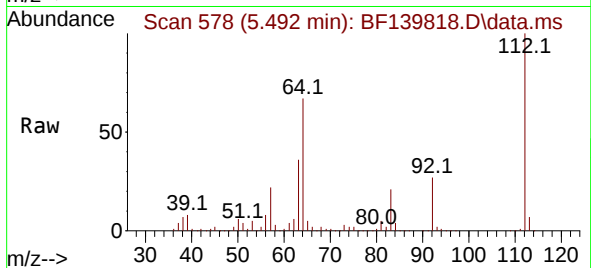
Tgt Ion: 42 Resp: 167811
Ion Ratio Lower Upper
42 100
74 108.7 85.5 128.3
44 6.9 5.2 7.8





#5
2-Fluorophenol
Concen: 149.282 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

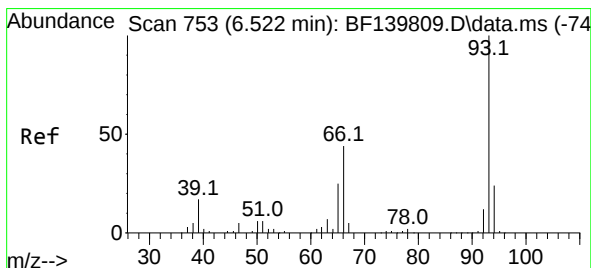
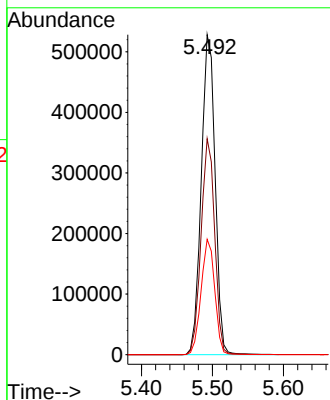
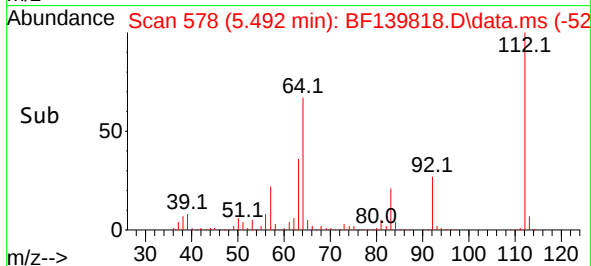
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Tgt Ion:112 Resp: 718380
Ion Ratio Lower Upper
112 100
64 67.5 52.1 78.1
63 36.1 27.6 41.4

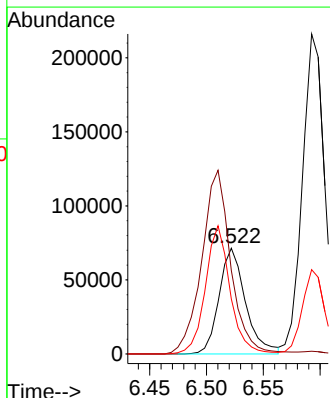
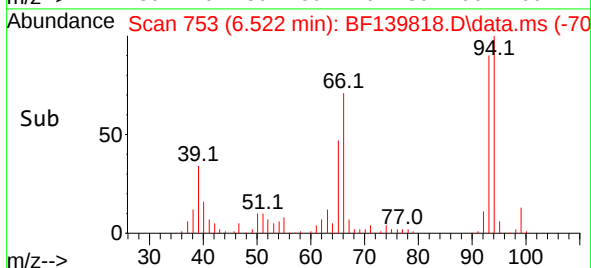
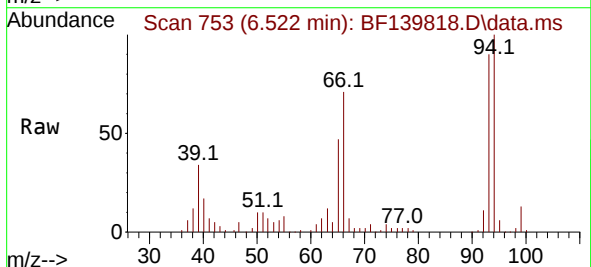
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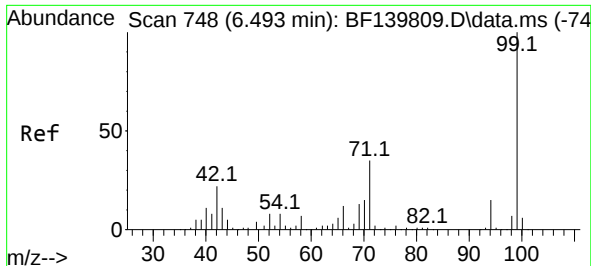
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#6
Aniline
Concen: 20.993 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

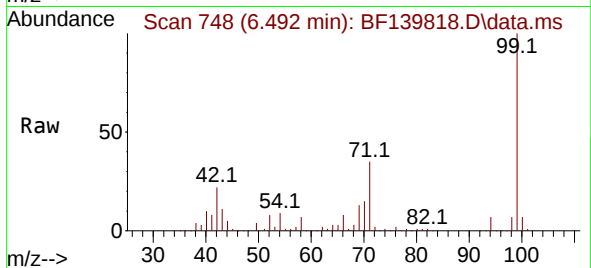
Tgt Ion: 93 Resp: 115761
Ion Ratio Lower Upper
93 100
66 79.0 37.3 55.9#
65 52.0 20.9 31.3#





#7
Phenol-d6
Concen: 139.574 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

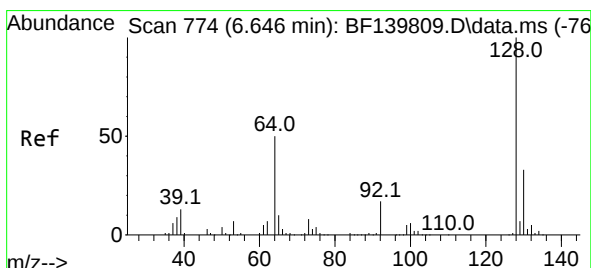
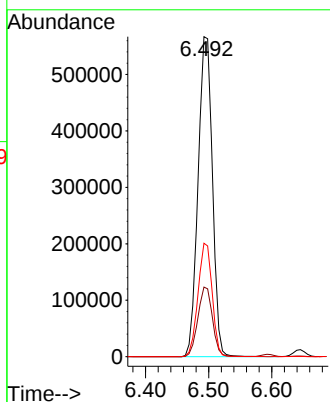
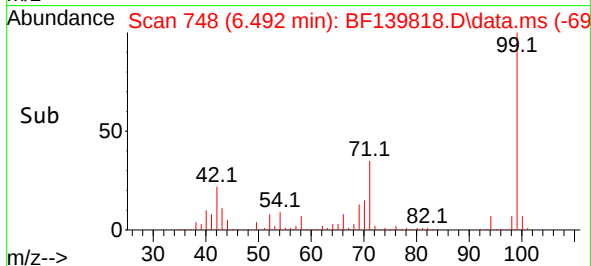
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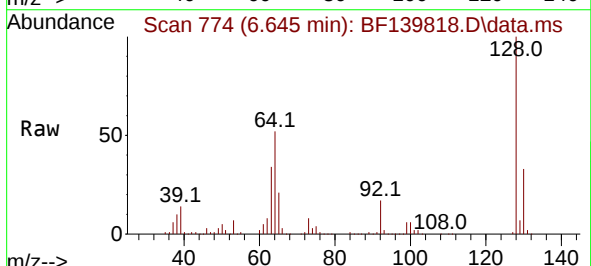
Tgt Ion: 99 Resp: 89325
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 35.5 27.8 41.6

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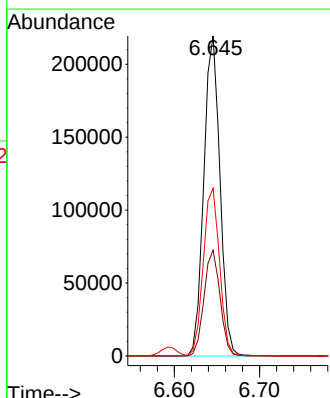
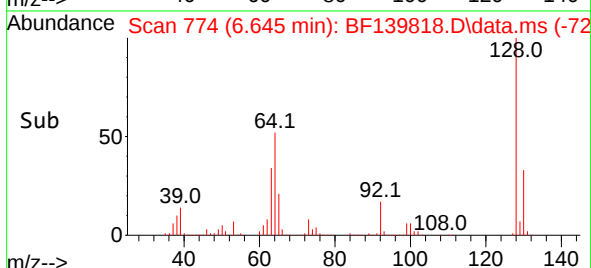
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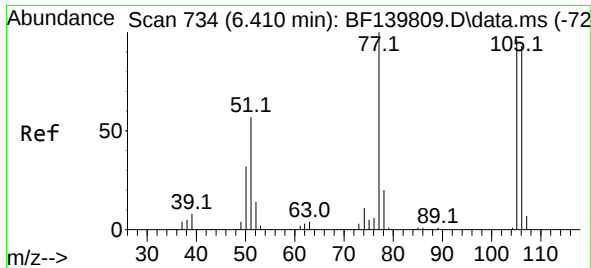


#8
2-Chlorophenol
Concen: 56.923 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



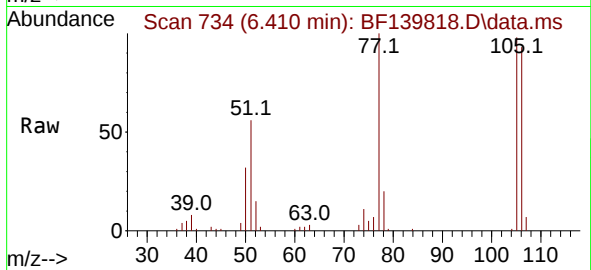
Tgt Ion:128 Resp: 289206
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 52.4 31.2 71.2





#9
Benzaldehyde
Concen: 8.860 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

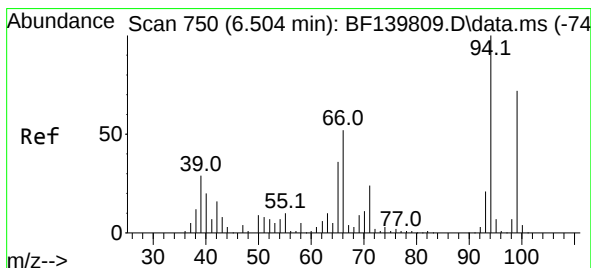
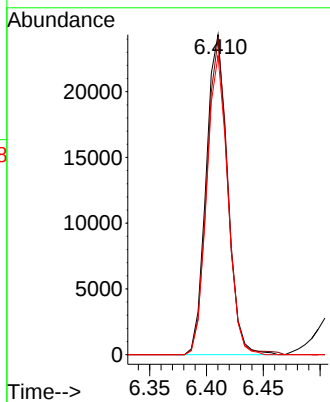
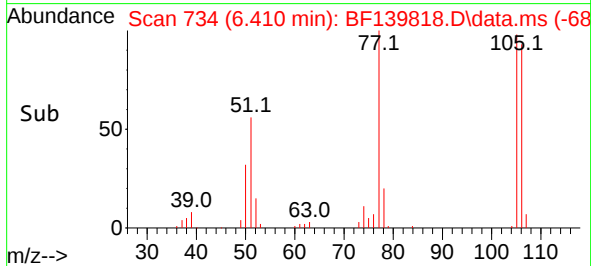
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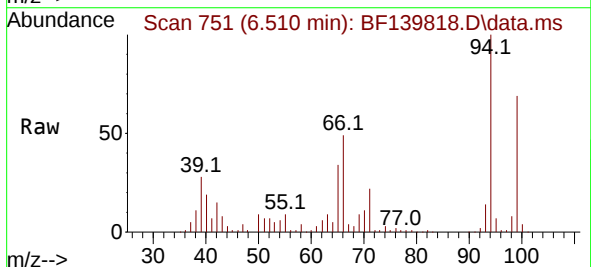
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Ion Ratio Lower Upper
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106 93.5 73.4 113.4

Manual Integrations
APPROVED

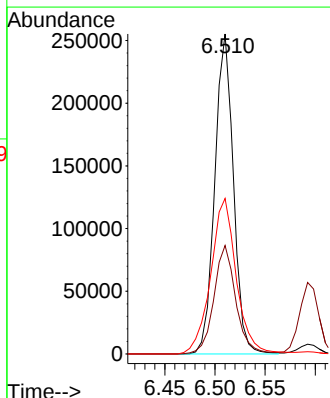
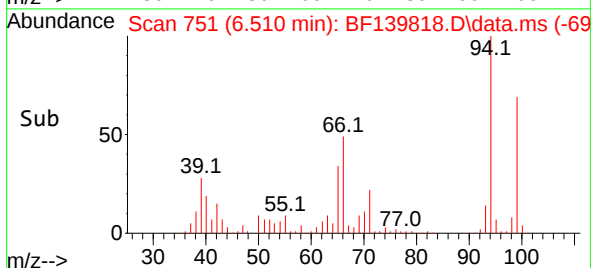
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

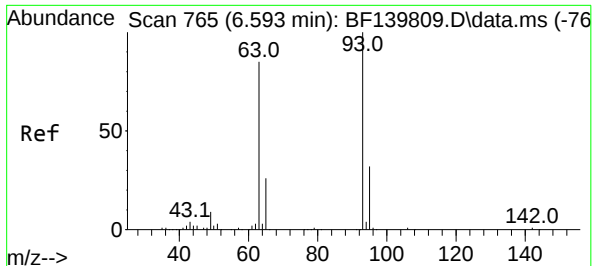


#10
Phenol
Concen: 49.034 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion: 94 Resp: 329405
Ion Ratio Lower Upper
94 100
65 33.9 15.7 55.7
66 48.6 32.2 72.2





#11

bis(2-Chloroethyl)ether

Concen: 57.392 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

Tgt Ion: 93 Resp: 28752

Ion Ratio Lower Upper

93 100

63 84.5 64.7 104.7

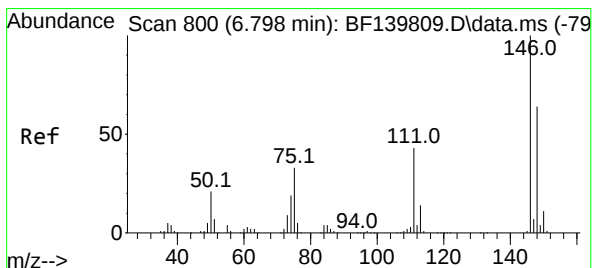
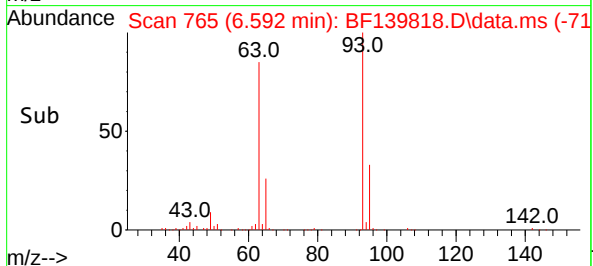
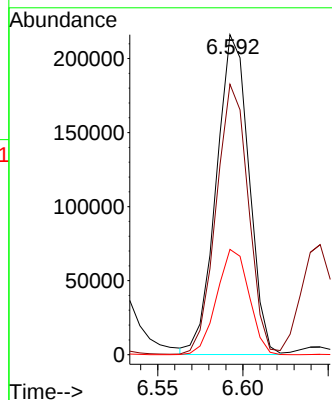
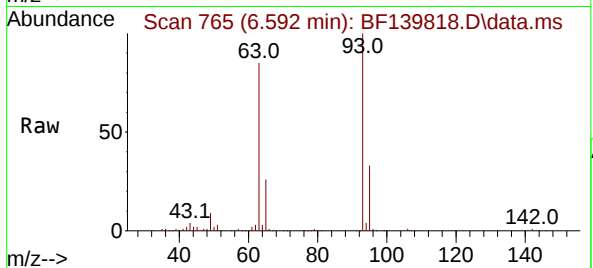
95 32.9 11.9 51.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#12

1,3-Dichlorobenzene

Concen: 50.994 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

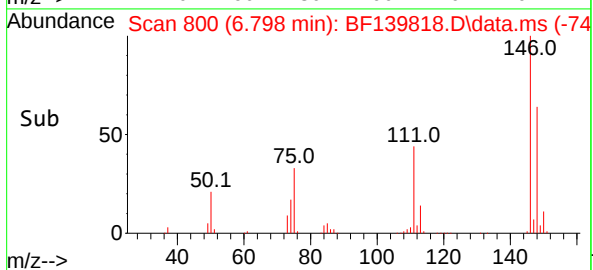
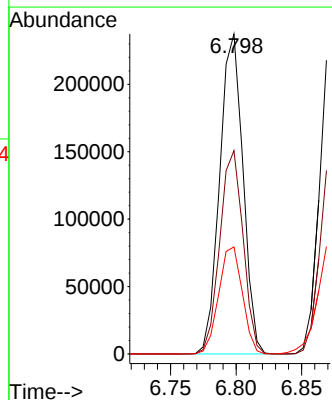
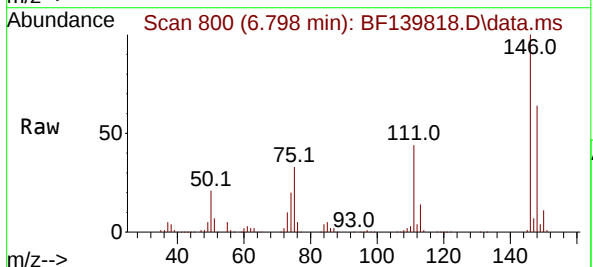
Tgt Ion:146 Resp: 292942

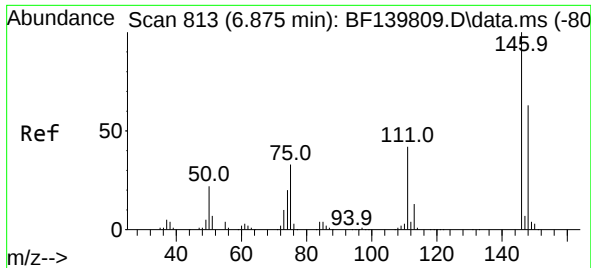
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

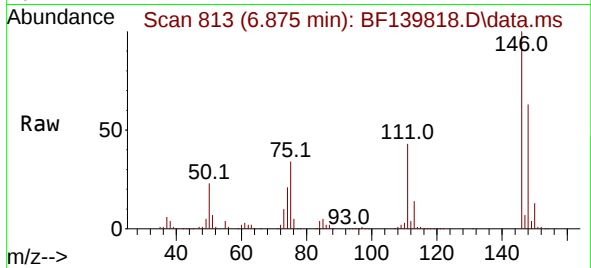
75 33.5 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 52.126 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

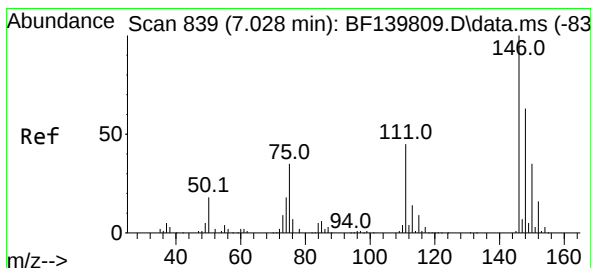
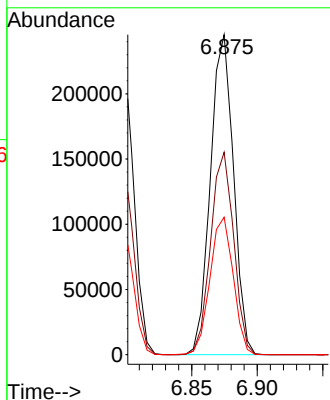
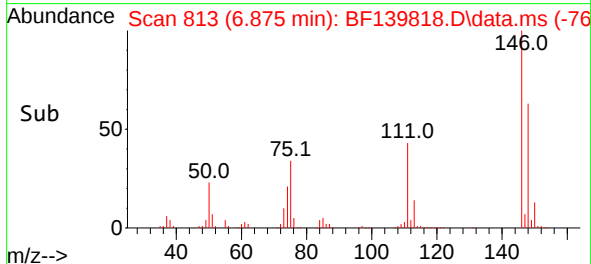
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



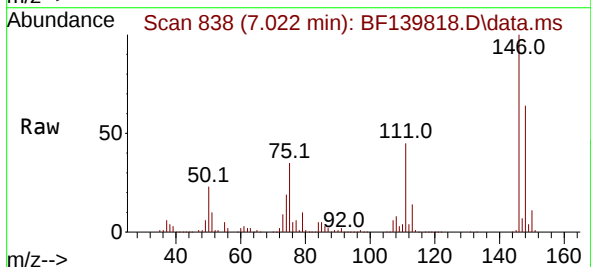
Tgt Ion:146 Resp: 30038
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
111 43.0 33.8 50.8

Manual Integrations
APPROVED

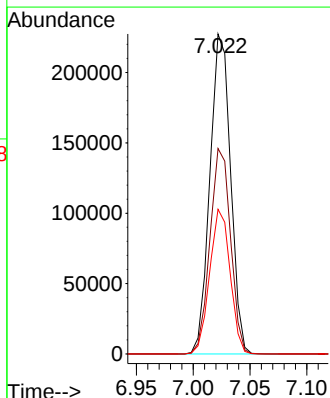
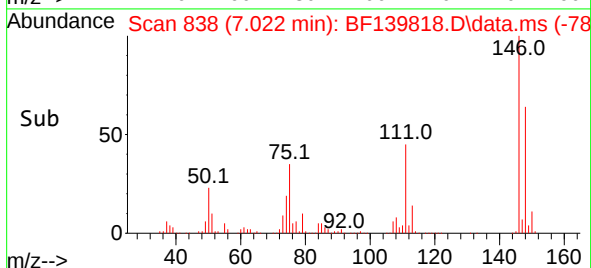
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

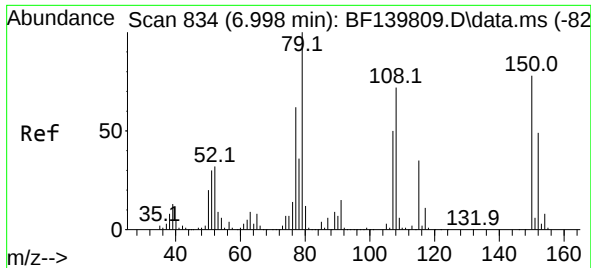


#14
1,2-Dichlorobenzene
Concen: 53.830 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



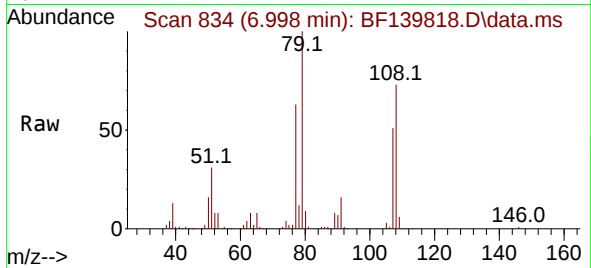
Tgt Ion:146 Resp: 287813
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
111 45.2 36.0 54.0





#15
Benzyl Alcohol
Concen: 59.056 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

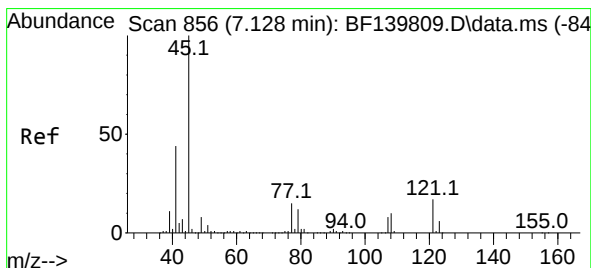
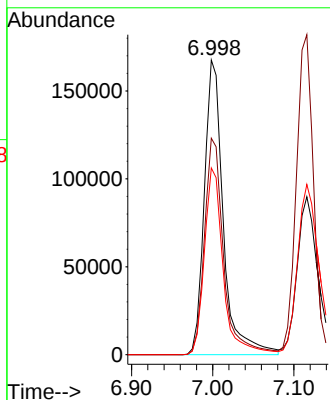
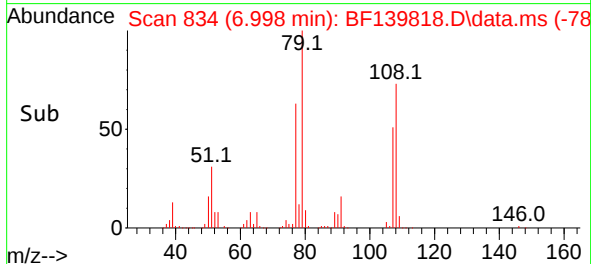
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion: 79 Resp: 272025
Ion Ratio Lower Upper
79 100
108 73.5 57.3 85.9
77 63.4 49.8 74.6

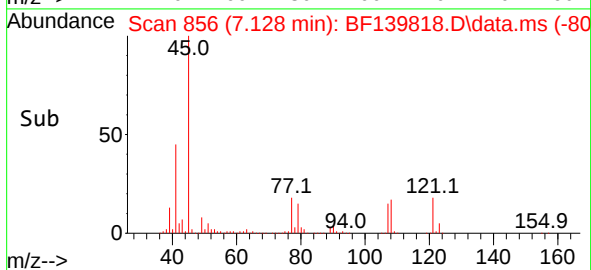
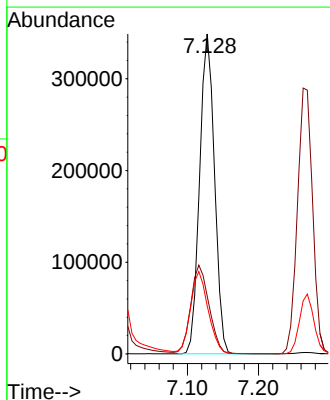
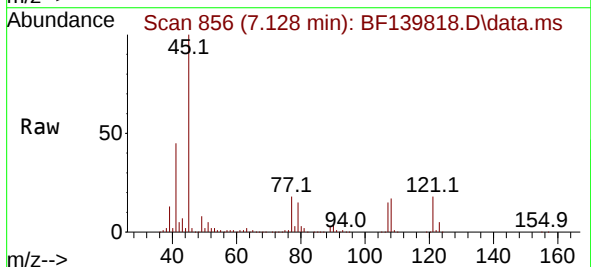
Manual Integrations
APPROVED

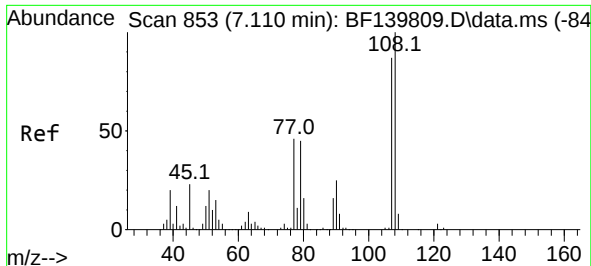
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.961 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

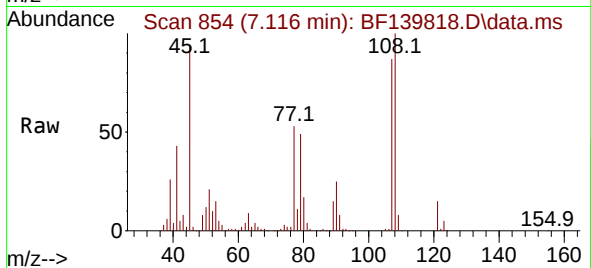
Tgt Ion: 45 Resp: 508864
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.4
79 15.1 0.0 32.4





#17
2-Methylphenol
Concen: 56.422 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

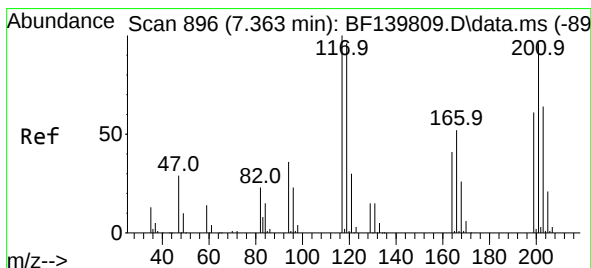
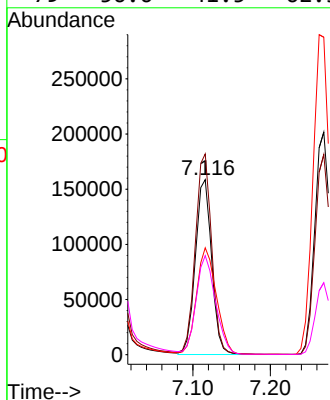
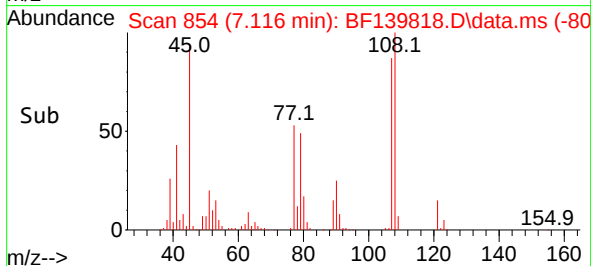
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion:107 Resp: 23190
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 61.1 42.2 63.2
79 56.6 41.5 62.3

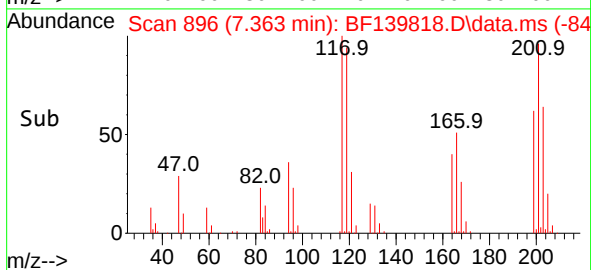
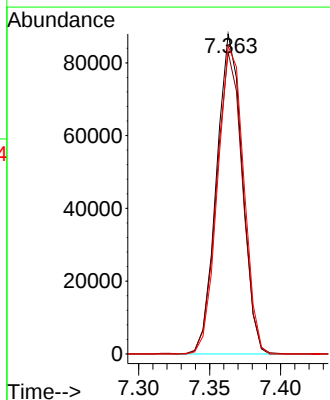
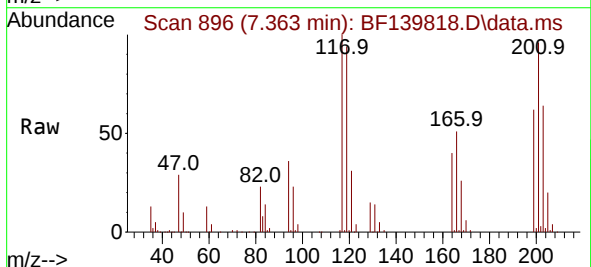
Manual Integrations
APPROVED

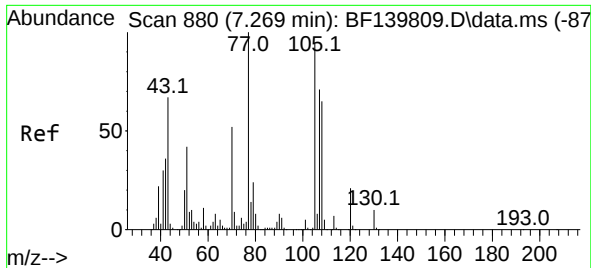
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#18
Hexachloroethane
Concen: 52.916 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

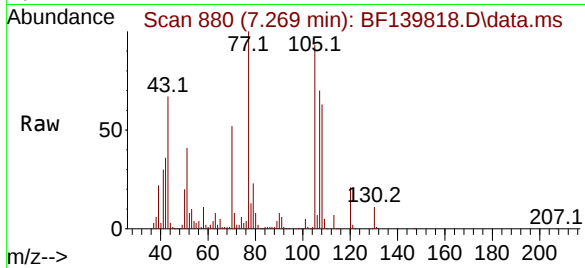
Tgt Ion:117 Resp: 110476
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.4
201 96.3 76.9 115.3





#19
n-Nitroso-di-n-propylamine
Concen: 59.037 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

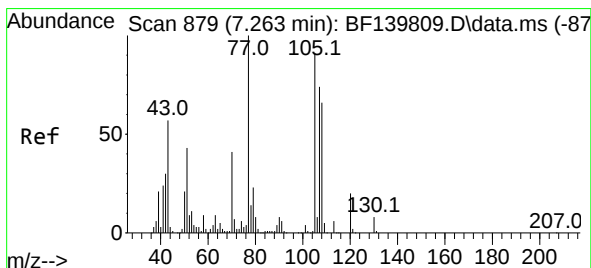
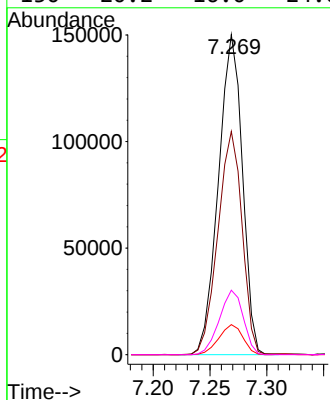
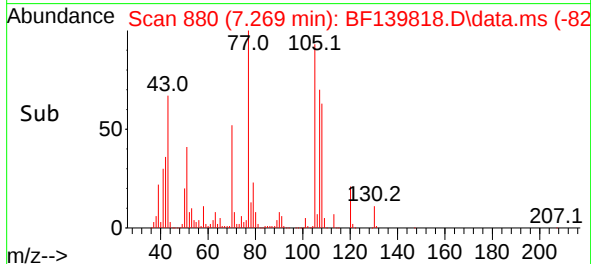
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



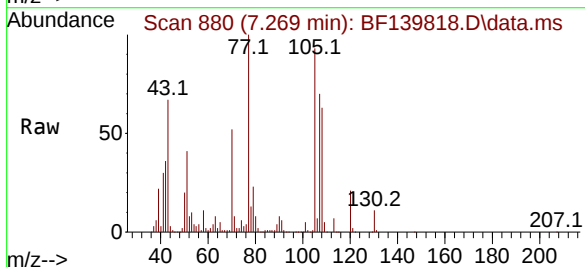
Tgt Ion: 70 Resp: 220025
Ion Ratio Lower Upper
70 100
42 69.8 55.8 83.6
101 9.4 7.4 11.0
130 20.2 16.0 24.0

Manual Integrations
APPROVED

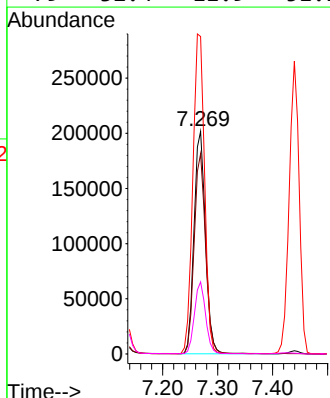
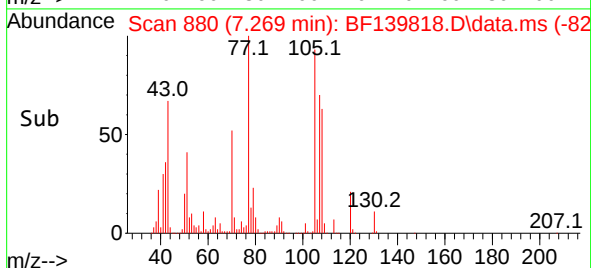
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

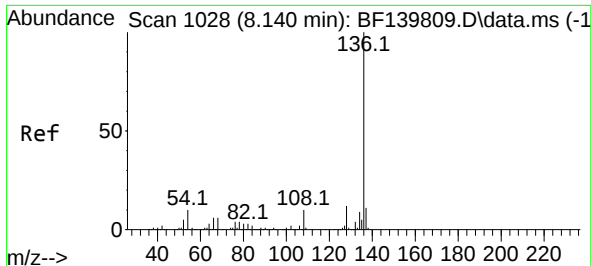


#20
3+4-Methylphenols
Concen: 56.313 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:107 Resp: 291038
Ion Ratio Lower Upper
107 100
108 89.9 69.9 109.9
77 142.6 115.6 155.6
79 32.4 11.9 51.9





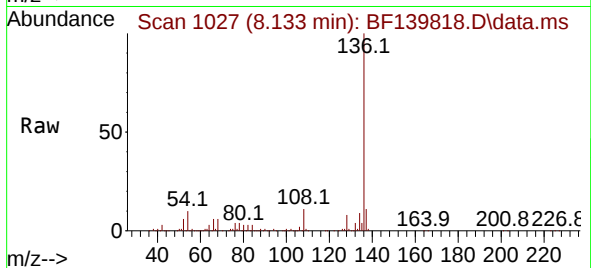
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



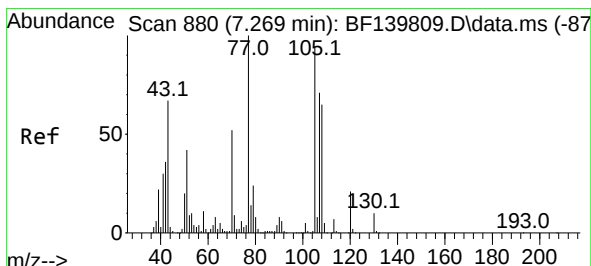
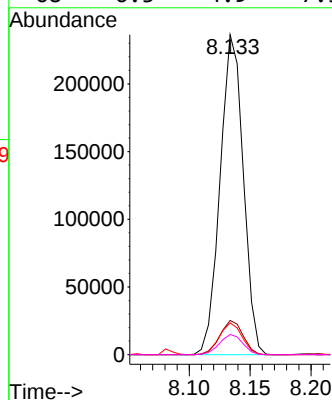
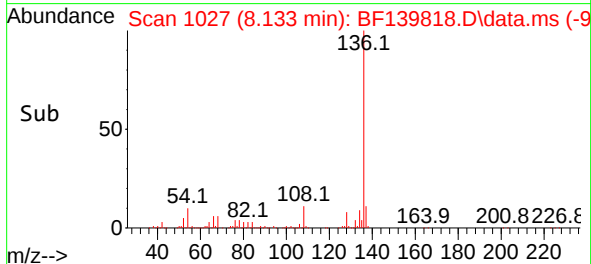
Tgt Ion:136 Resp: 312809
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.9 7.7 11.5
68 6.3 4.9 7.3

Manual Integrations

APPROVED

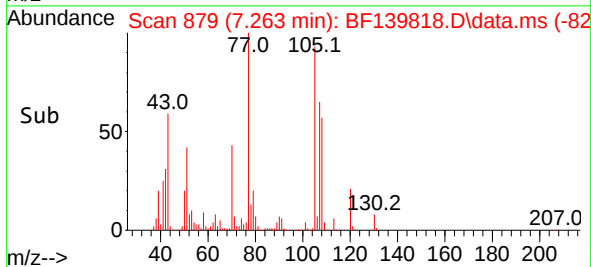
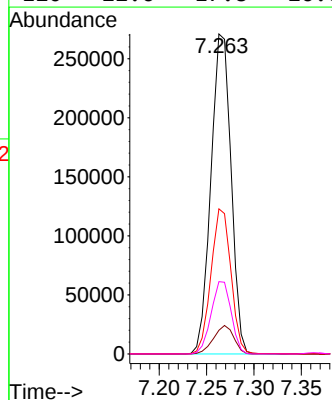
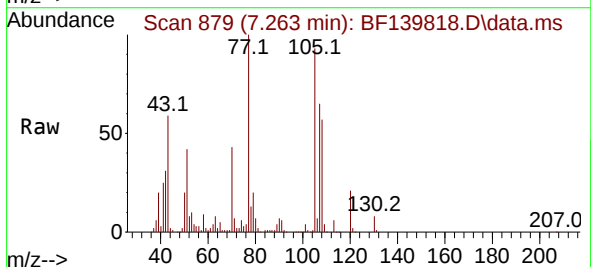
Reviewed By :Yogesh Patel 10/16/2024

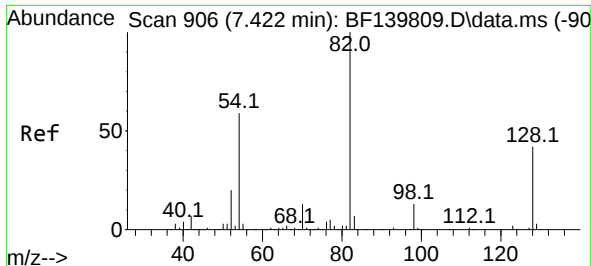
Supervised By :mohammad ahmed 10/16/2024



#22
Acetophenone
Concen: 54.472 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion:105 Resp: 399886
Ion Ratio Lower Upper
105 100
71 7.4 7.3 10.9
51 45.3 35.4 53.2
120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 109.705 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

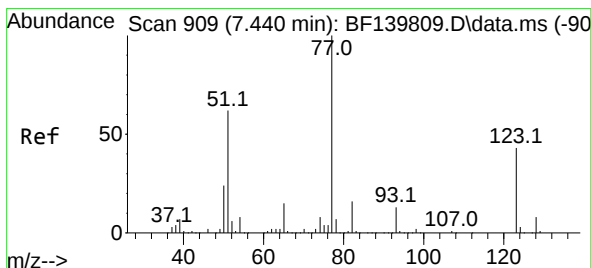
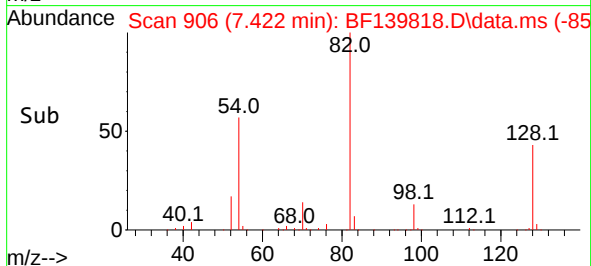
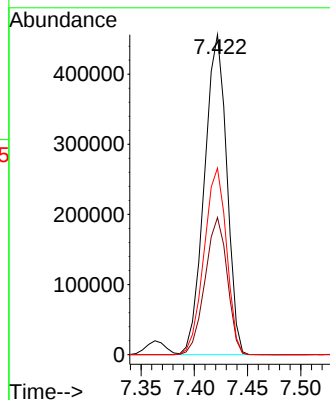
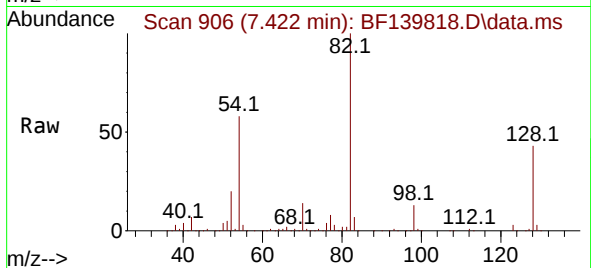
Tgt Ion: 82 Resp: 666728
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.9 50.9
 54 58.3 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#24

Nitrobenzene

Concen: 52.894 ng

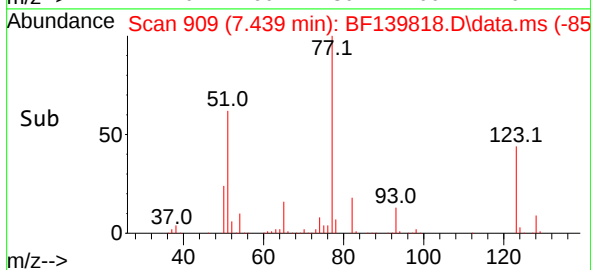
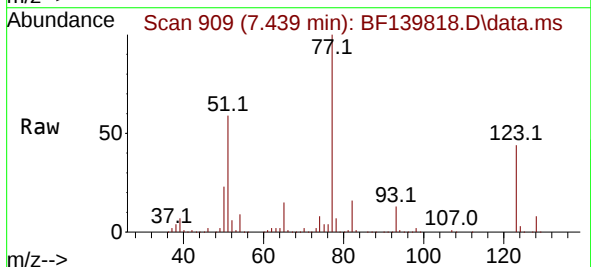
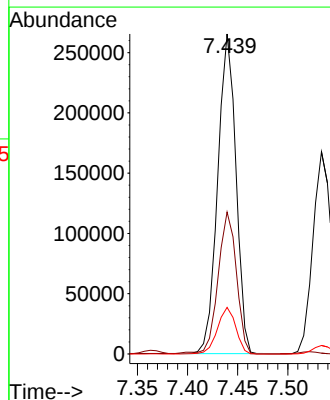
RT: 7.439 min Scan# 909

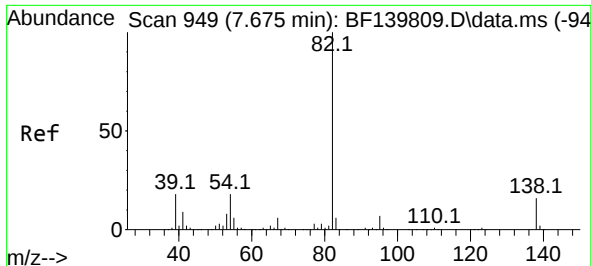
Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

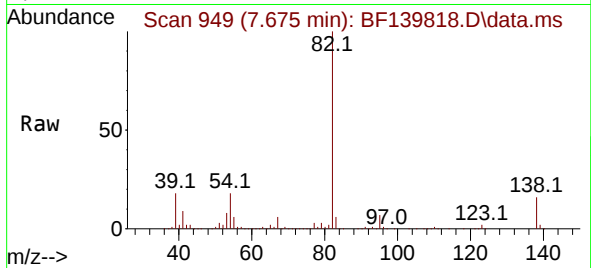
Tgt Ion: 77 Resp: 335118
 Ion Ratio Lower Upper
 77 100
 123 44.4 34.5 51.7
 65 14.5 12.2 18.2





#25
Isophorone
Concen: 58.380 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

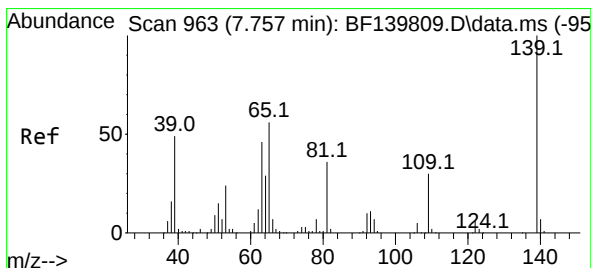
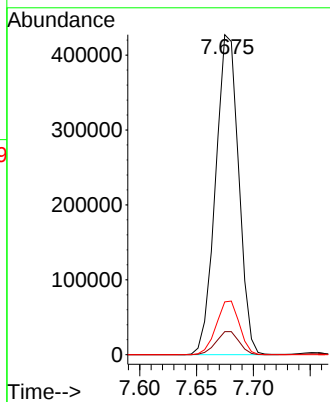
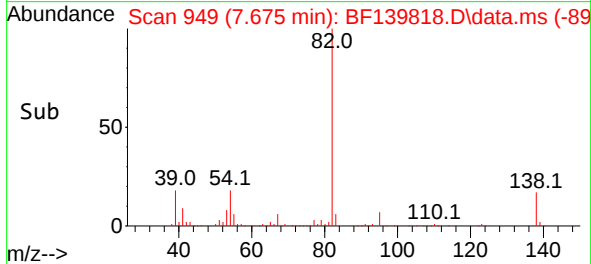
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion: 82 Resp: 605499
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 16.5 13.2 19.8

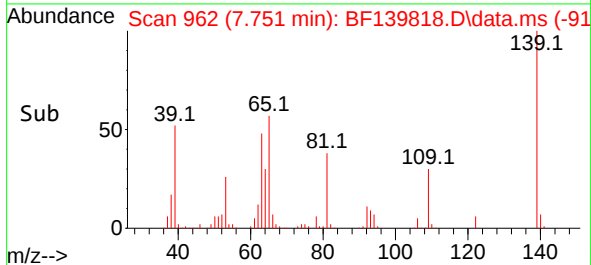
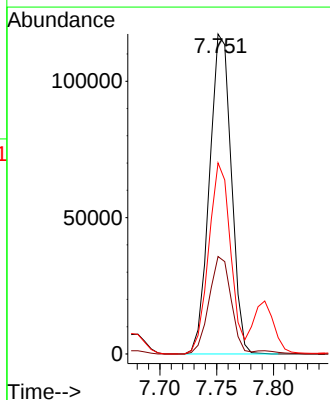
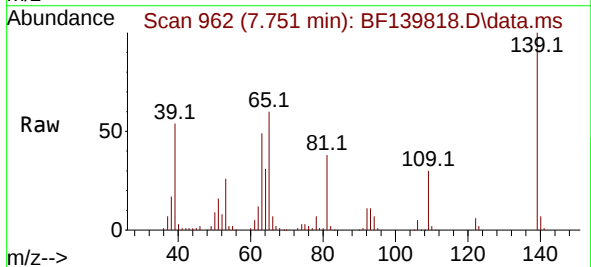
Manual Integrations
APPROVED

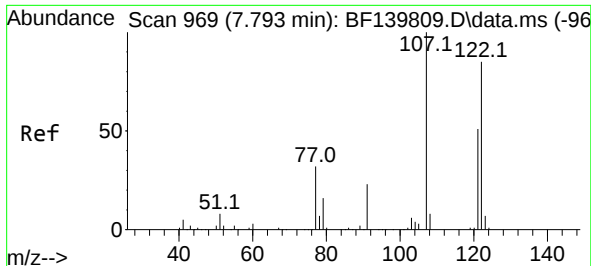
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#26
2-Nitrophenol
Concen: 56.853 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion:139 Resp: 156833
Ion Ratio Lower Upper
139 100
109 30.5 24.2 36.2
65 59.7 44.9 67.3





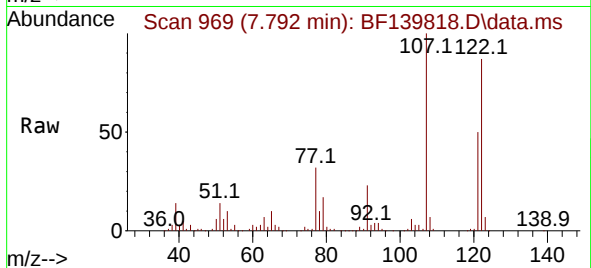
#27
2,4-Dimethylphenol
Concen: 69.747 ng m
RT: 7.792 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

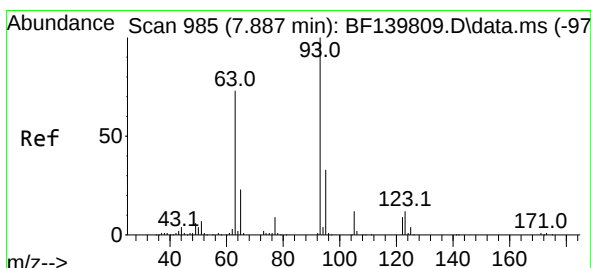
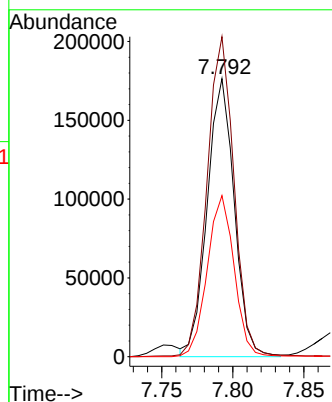
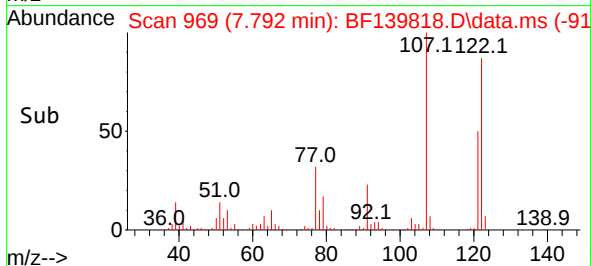


Tgt Ion:122 Resp: 233794
Ion Ratio Lower Upper
122 100
107 115.0 91.6 137.4
121 58.0 46.4 69.6

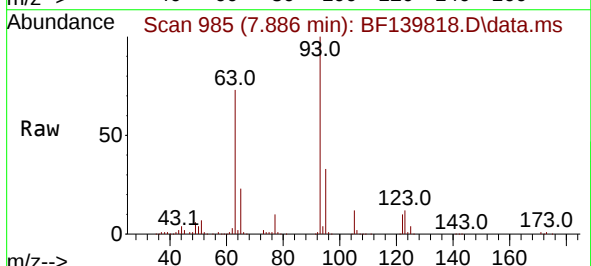
Manual Integrations

APPROVED

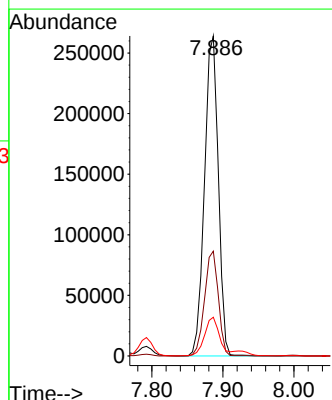
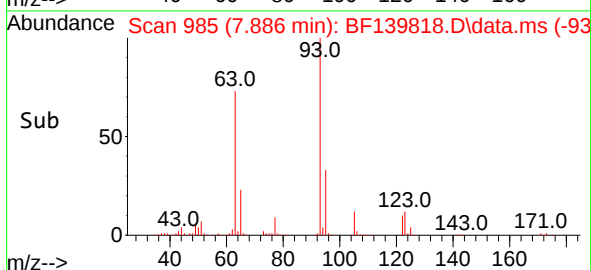
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

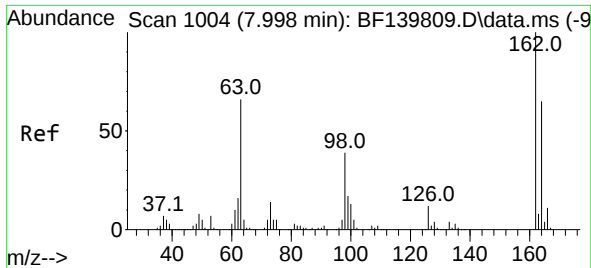


#28
bis(2-Chloroethoxy)methane
Concen: 56.266 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion: 93 Resp: 358145
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.785 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

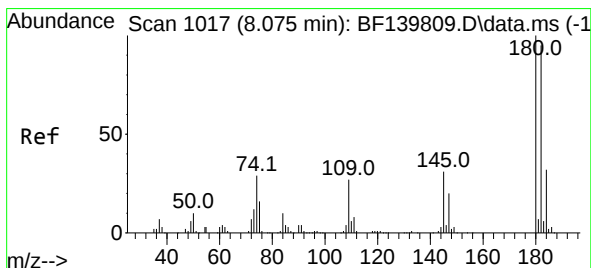
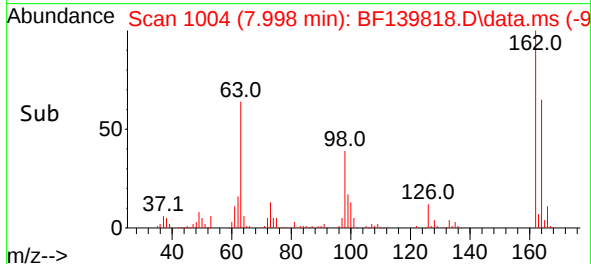
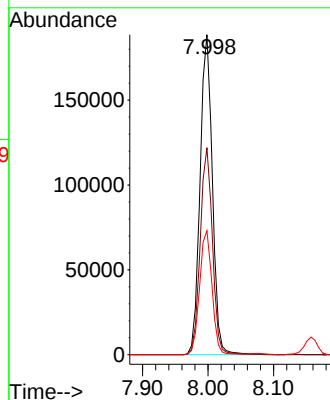
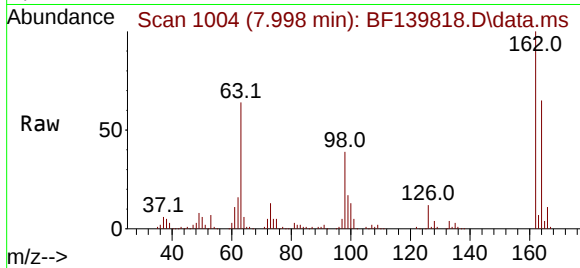
Tgt Ion:162 Resp: 24685
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.0 85.0
 98 38.7 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 51.572 ng

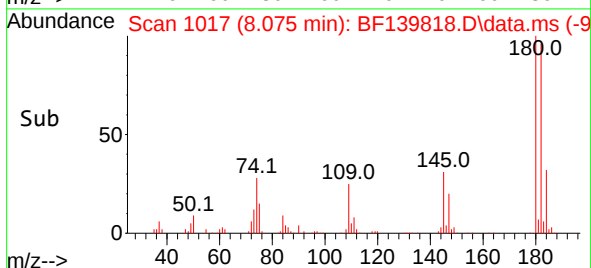
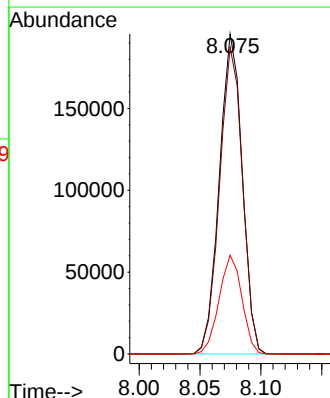
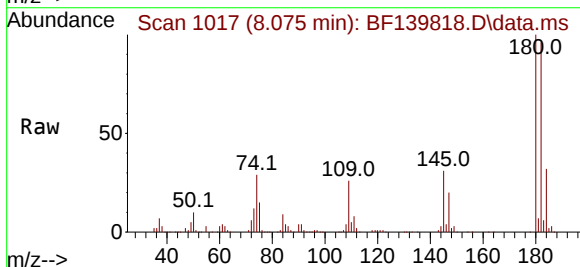
RT: 8.075 min Scan# 1017

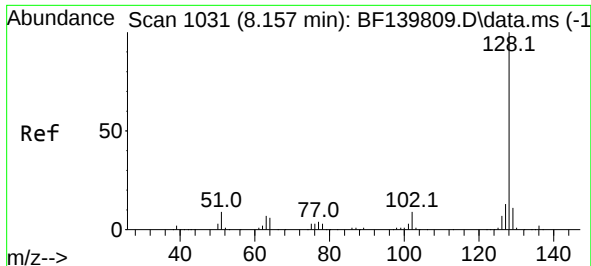
Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Tgt Ion:180 Resp: 255259
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.9 113.9
 145 30.8 25.1 37.7





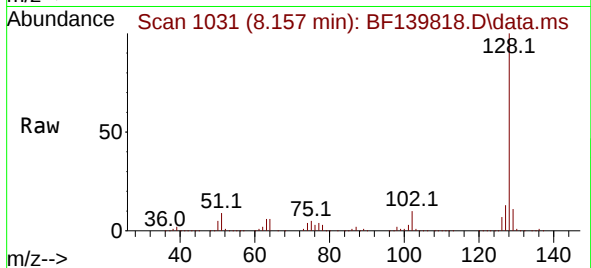
#31
Naphthalene
Concen: 53.807 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



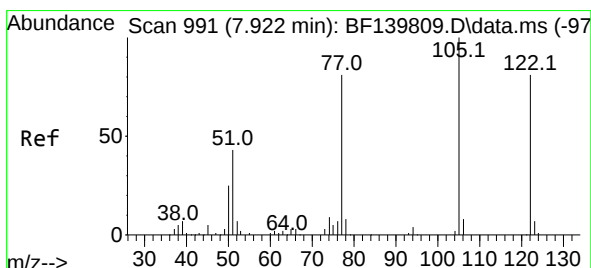
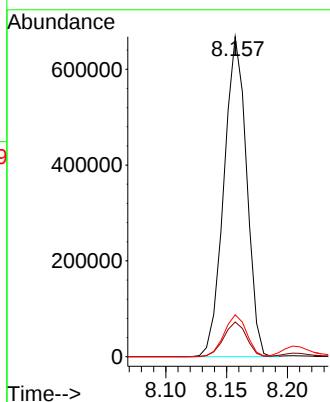
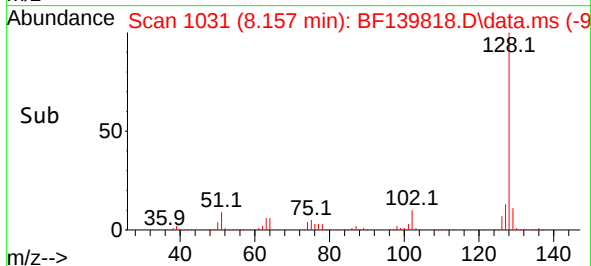
Tgt Ion:128 Resp: 867449
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.5 15.7

Manual Integrations

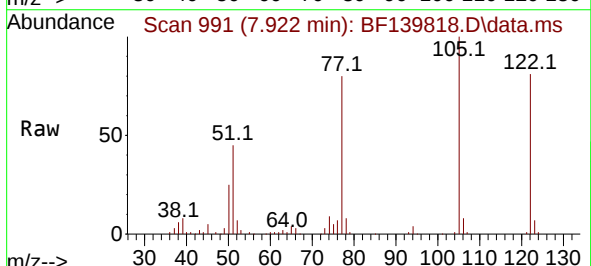
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

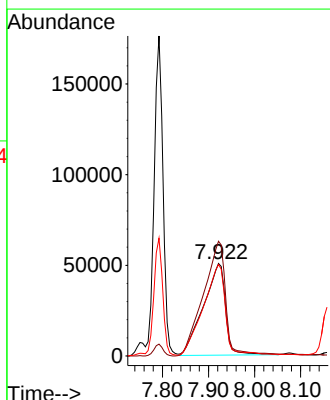
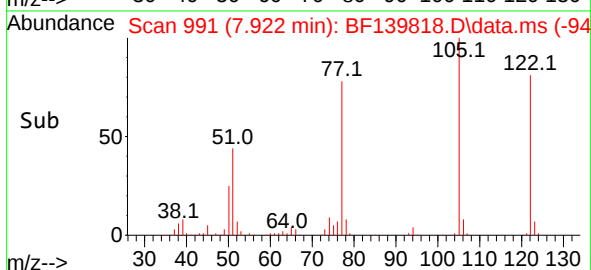
Supervised By :mohammad ahmed 10/16/2024

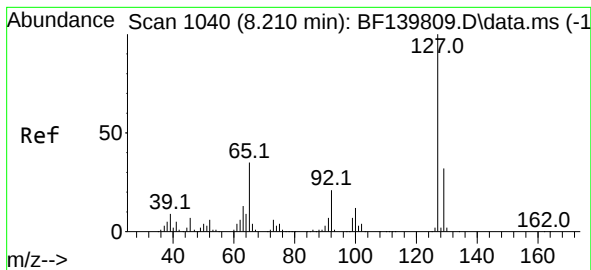


#32
Benzoic acid
Concen: 54.360 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:122 Resp: 168241
Ion Ratio Lower Upper
122 100
105 124.0 101.2 141.2
77 99.0 78.7 118.7





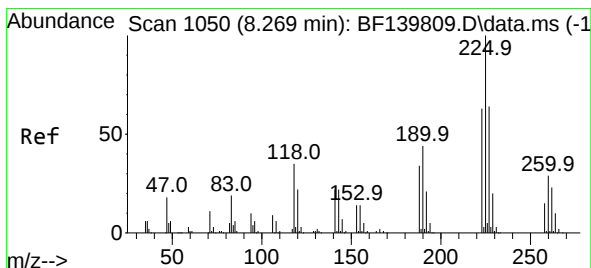
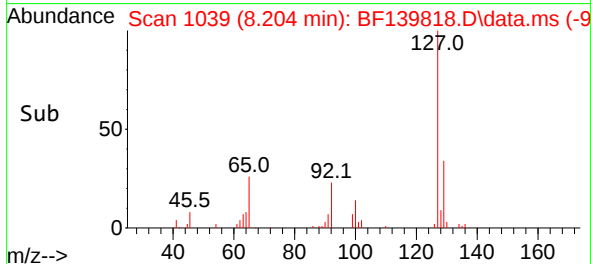
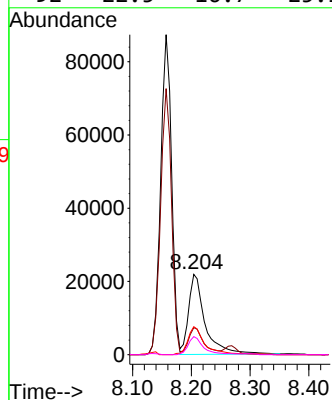
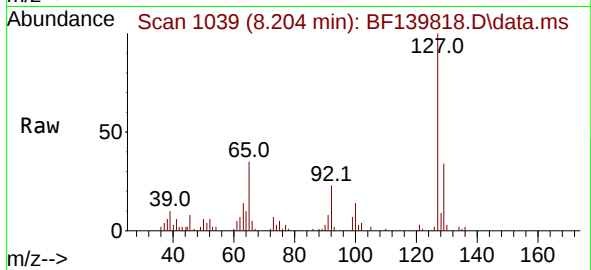
#33
4-Chloroaniline
Concen: 8.084 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS

Tgt Ion:	127	Resp:	42739
Ion Ratio	Lower	Upper	
127	100		
129	33.6	25.9	38.9
65	34.8	27.8	41.6
92	22.5	16.7	25.1

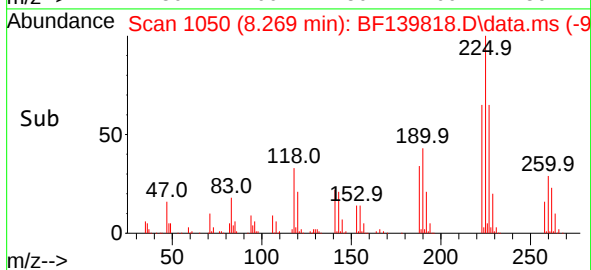
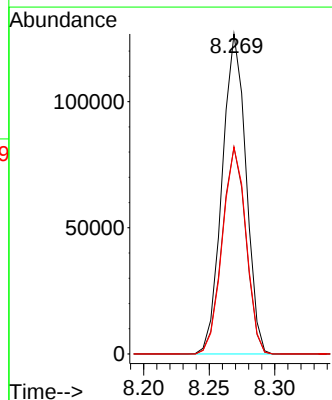
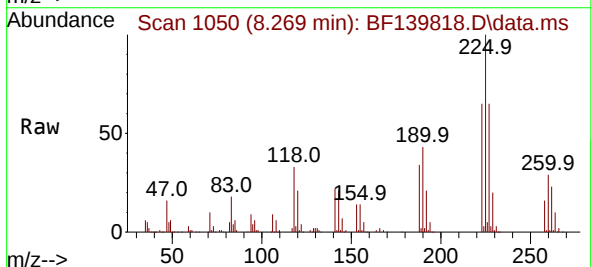
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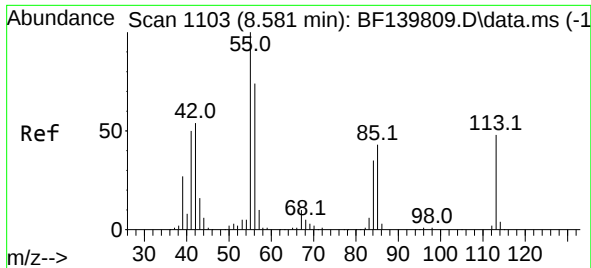
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#34
Hexachlorobutadiene
Concen: 50.902 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

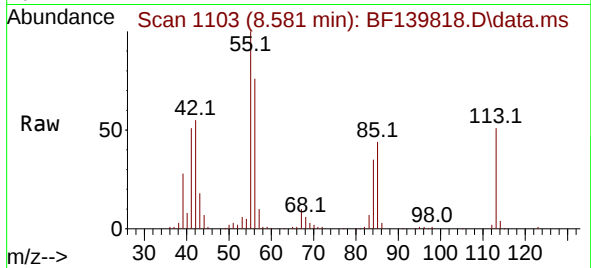
Tgt Ion:	225	Resp:	159872
Ion Ratio	Lower	Upper	
225	100		
223	64.6	50.4	75.6
227	64.6	50.9	76.3





#35
 Caprolactam
 Concen: 51.606 ng m
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

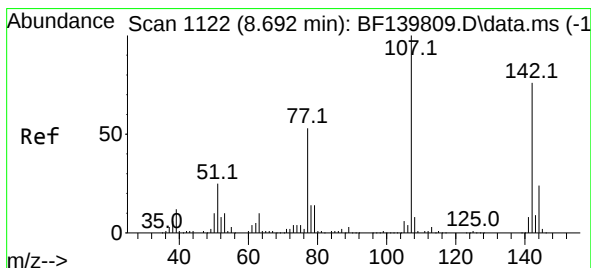
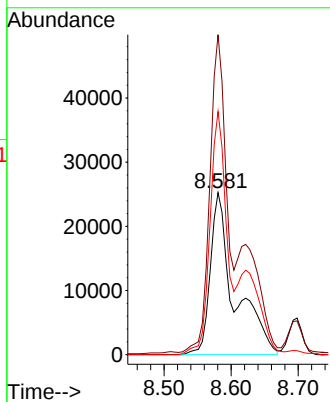
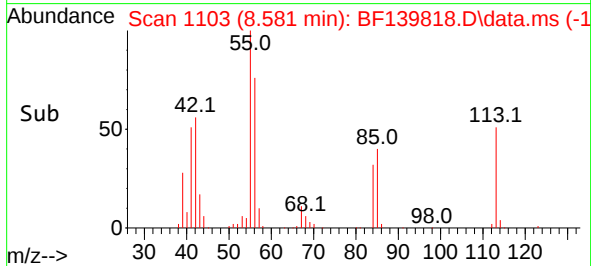
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMS



Tgt Ion:113 Resp: 63340
 Ion Ratio Lower Upper
 113 100
 55 197.5 187.1 227.1
 56 150.1 134.0 174.0

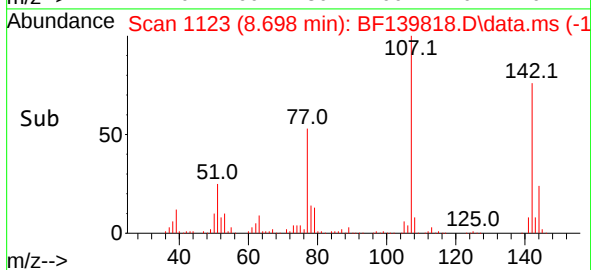
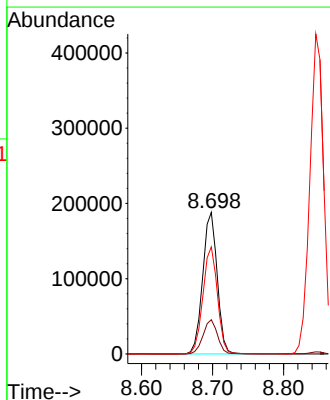
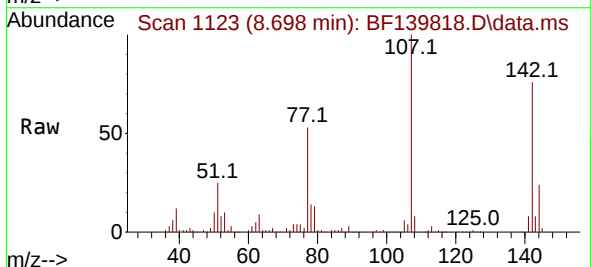
Manual Integrations
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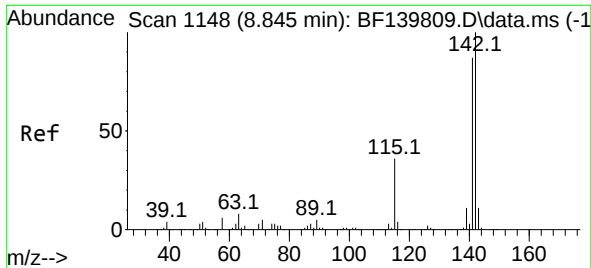
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024



#36
 4-Chloro-3-methylphenol
 Concen: 58.071 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. 0.006 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

Tgt Ion:107 Resp: 268090
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.5 29.3
 142 75.6 60.6 91.0





#37

2-Methylnaphthalene

Concen: 56.108 ng

RT: 8.845 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

Tgt Ion:142 Resp: 56710

Ion Ratio Lower Upper

142 100

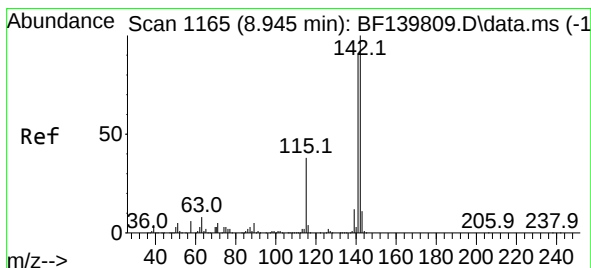
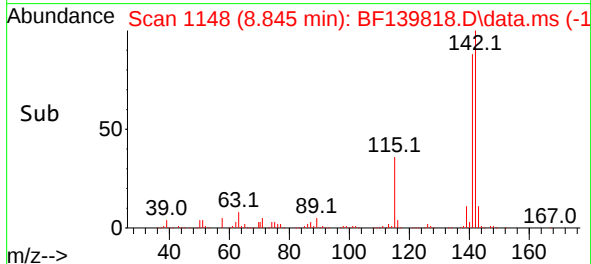
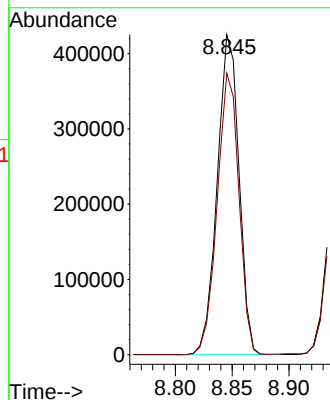
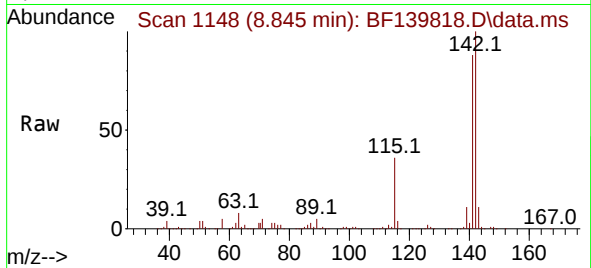
141 88.0 69.8 104.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#38

1-Methylnaphthalene

Concen: 53.921 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BF139818.D

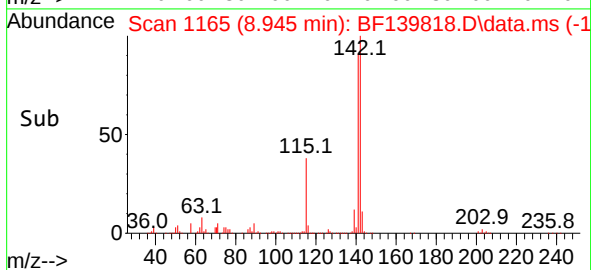
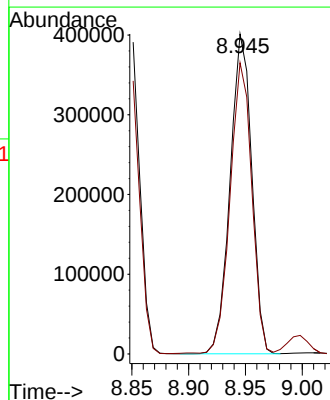
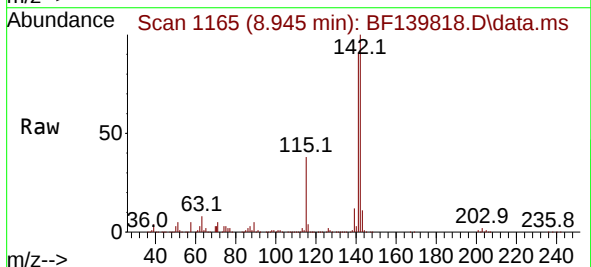
Acq: 15 Oct 2024 18:02

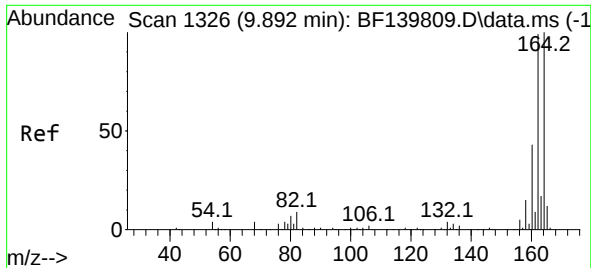
Tgt Ion:142 Resp: 530576

Ion Ratio Lower Upper

142 100

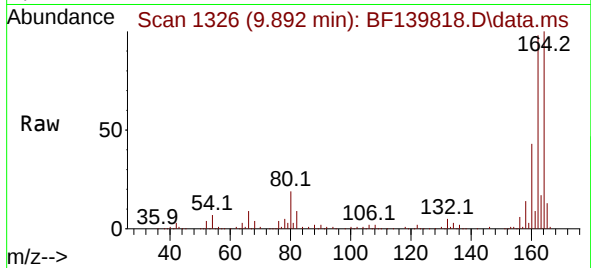
141 91.0 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

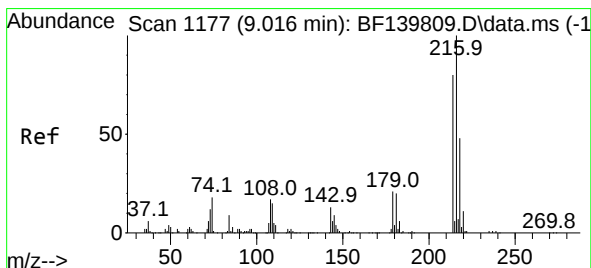
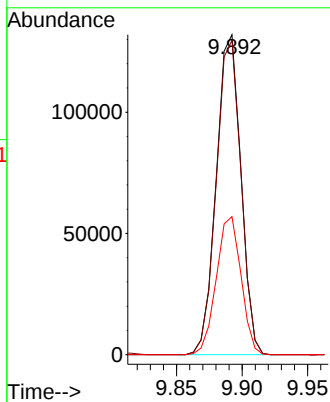
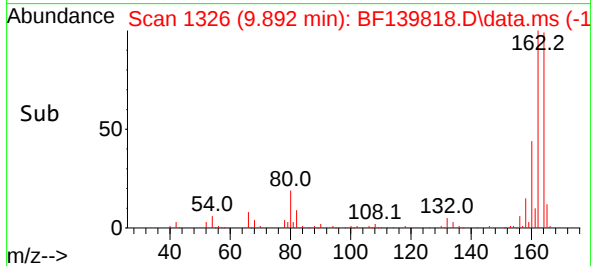
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion:164 Resp: 172495
Ion Ratio Lower Upper
164 100
162 98.2 79.1 118.7
160 43.1 34.4 51.6

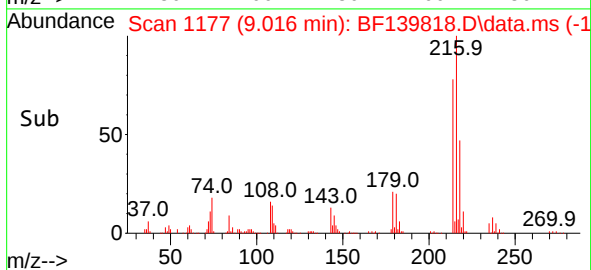
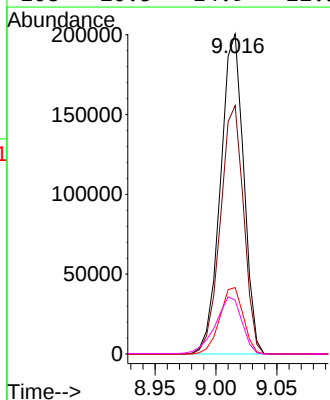
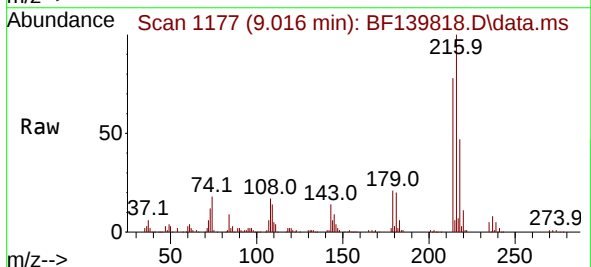
Manual Integrations
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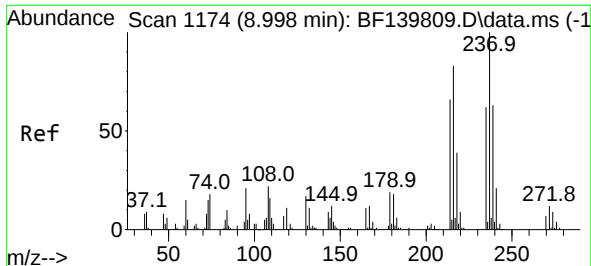
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.980 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

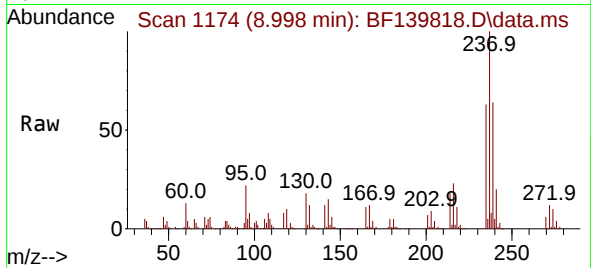
Tgt Ion:216 Resp: 265430
Ion Ratio Lower Upper
216 100
214 77.8 63.7 95.5
179 21.0 17.0 25.4
108 20.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 197.099 ng
RT: 8.998 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

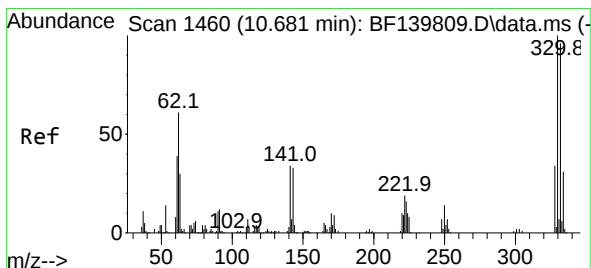
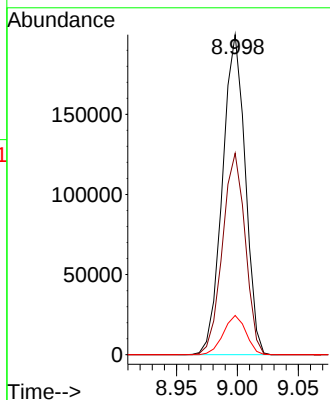
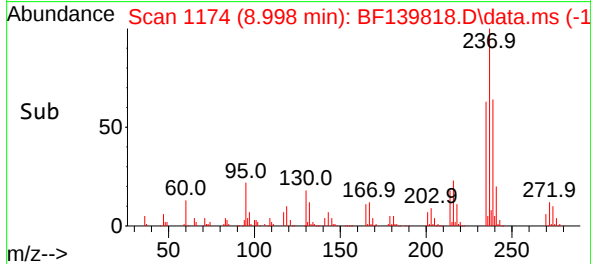
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



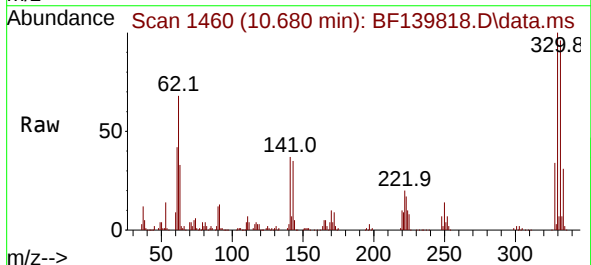
Tgt Ion:237 Resp: 25982
Ion Ratio Lower Upper
237 100
235 63.0 41.9 81.9
272 12.2 0.0 31.8

Manual Integrations
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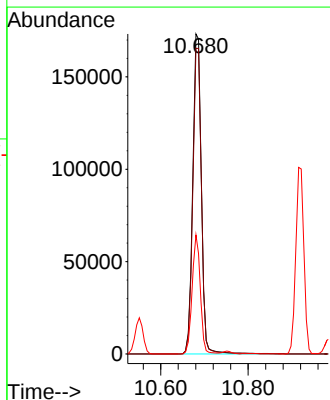
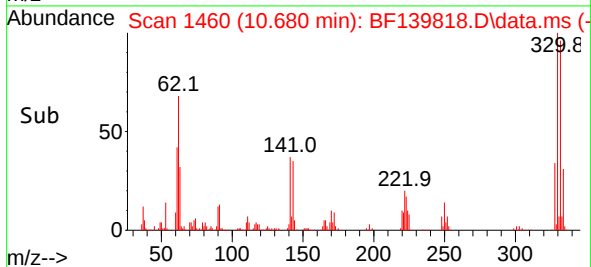
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

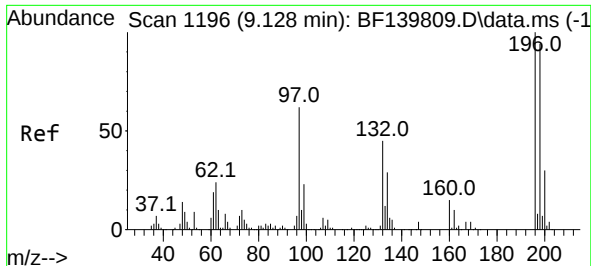


#42
2,4,6-Tribromophenol
Concen: 163.079 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



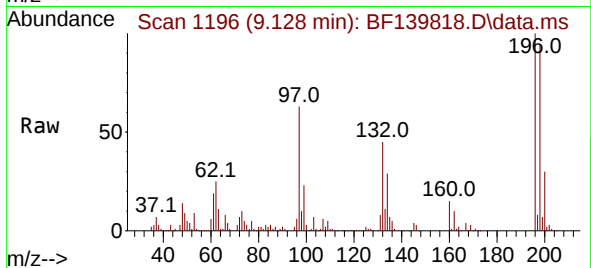
Tgt Ion:330 Resp: 237247
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 35.4 27.8 41.6





#43
2,4,6-Trichlorophenol
Concen: 56.131 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

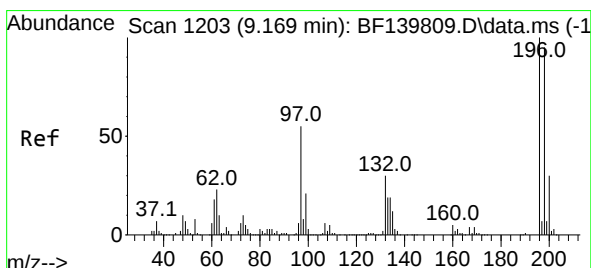
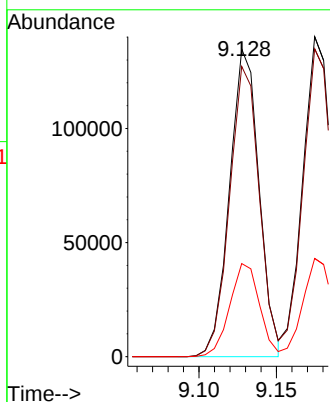
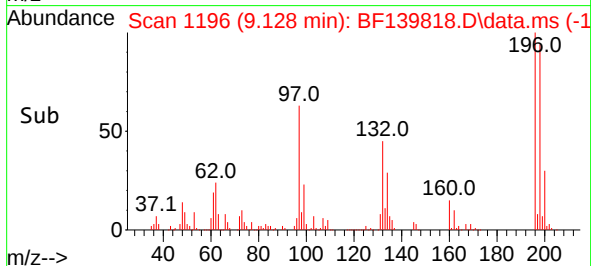
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



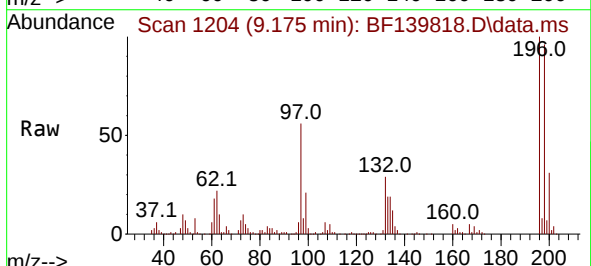
Tgt Ion:196 Resp: 178779
Ion Ratio Lower Upper
196 100
198 94.3 75.6 113.4
200 30.3 24.2 36.4

Manual Integrations
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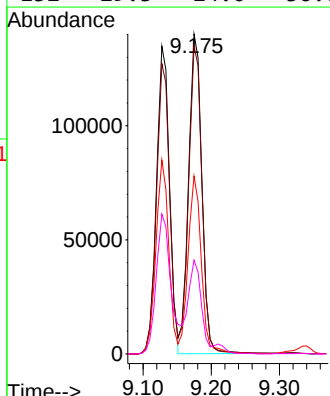
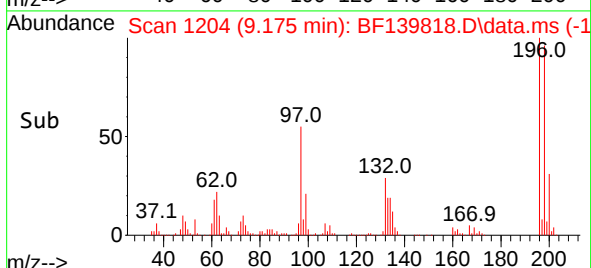
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

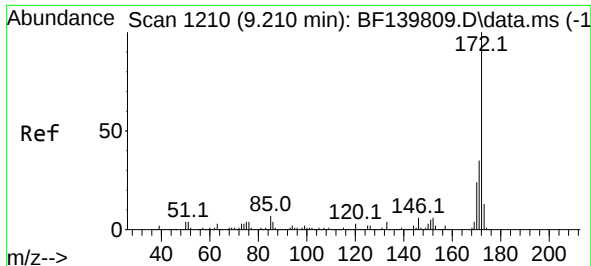


#44
2,4,5-Trichlorophenol
Concen: 55.080 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



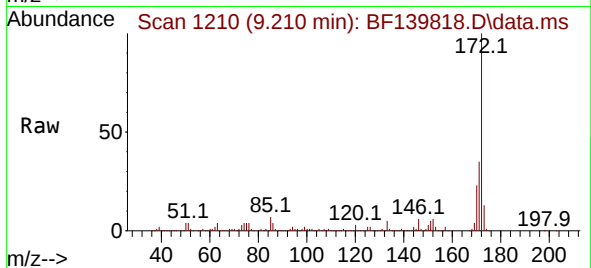
Tgt Ion:196 Resp: 187985
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.4
97 55.6 44.6 67.0
132 29.3 24.0 36.0





#45
2-Fluorobiphenyl
Concen: 103.446 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

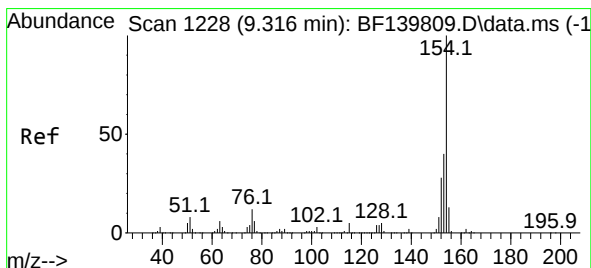
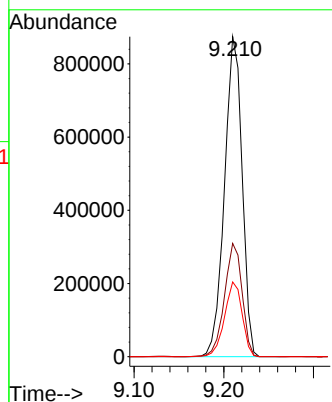
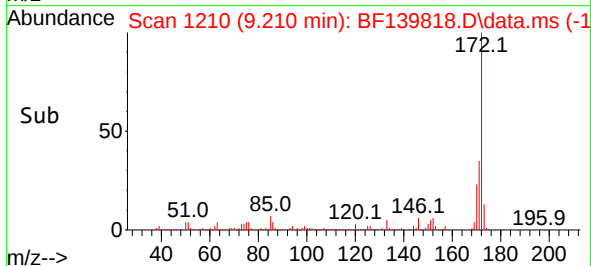
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



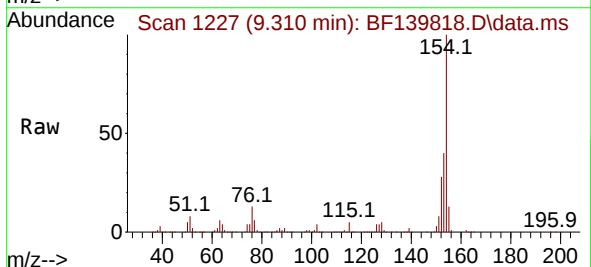
Tgt Ion:172 Resp: 1193020
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.4 18.9 28.3

Manual Integrations
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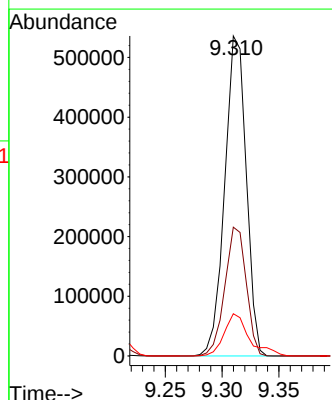
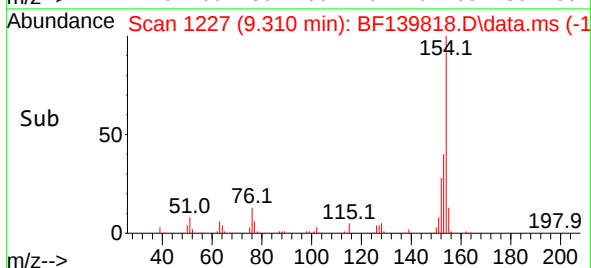
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

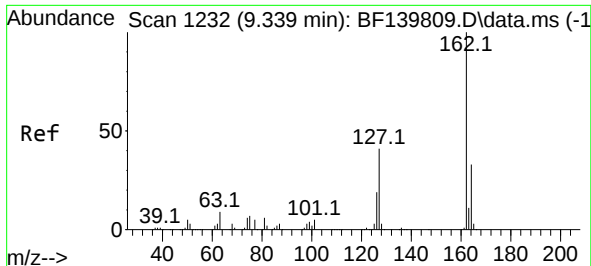


#46
1,1'-Biphenyl
Concen: 54.157 ng
RT: 9.310 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:154 Resp: 706329
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 13.2 0.0 32.4





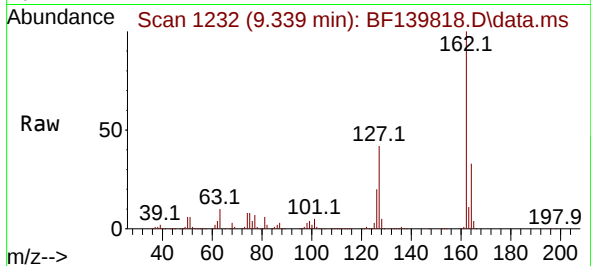
#47
2-Chloronaphthalene
Concen: 52.812 ng
RT: 9.339 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



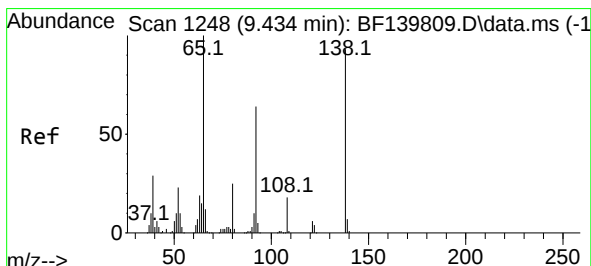
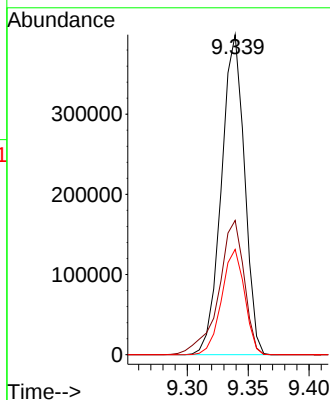
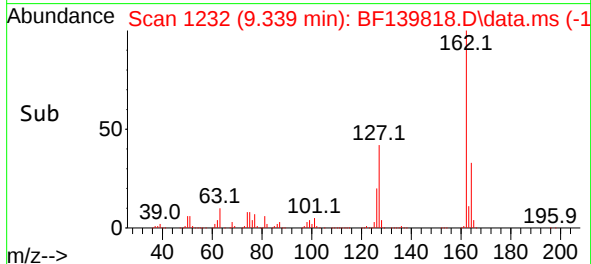
Tgt Ion:162 Resp: 52626
Ion Ratio Lower Upper
162 100
127 42.0 33.2 49.8
164 32.9 26.1 39.1

Manual Integrations

APPROVED

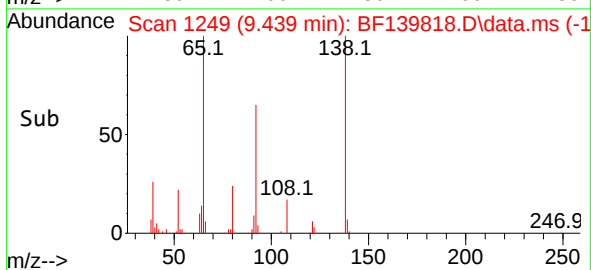
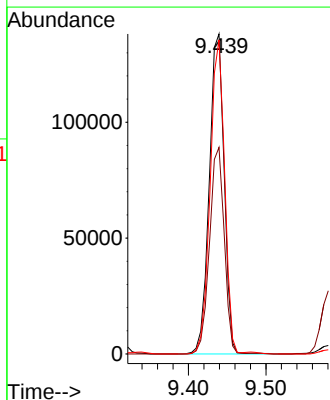
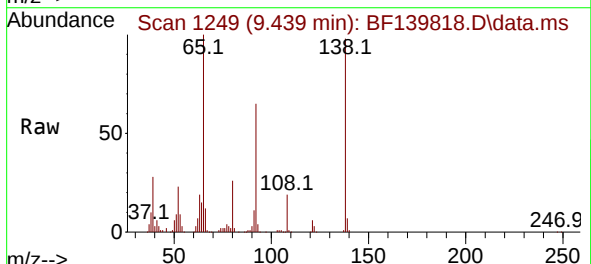
Reviewed By :Yogesh Patel 10/16/2024

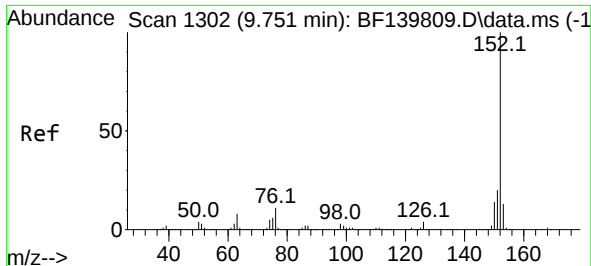
Supervised By :mohammad ahmed 10/16/2024



#48
2-Nitroaniline
Concen: 56.657 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion: 65 Resp: 184322
Ion Ratio Lower Upper
65 100
92 64.5 51.1 76.7
138 98.1 74.1 111.1





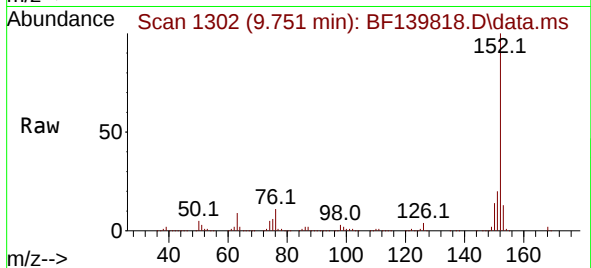
#49
Acenaphthylene
Concen: 58.438 ng
RT: 9.751 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



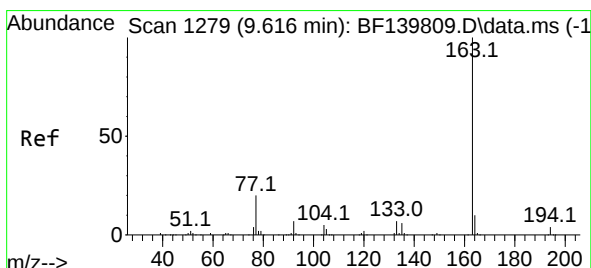
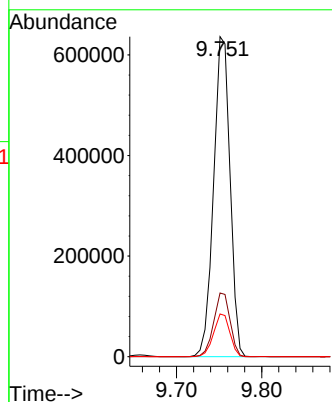
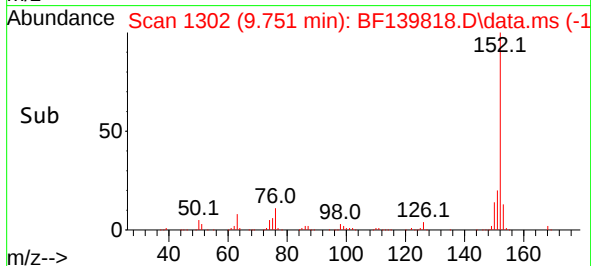
Tgt Ion:152 Resp: 855209
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.4 10.4 15.6

Manual Integrations

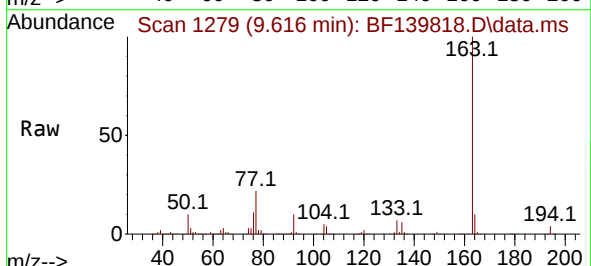
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

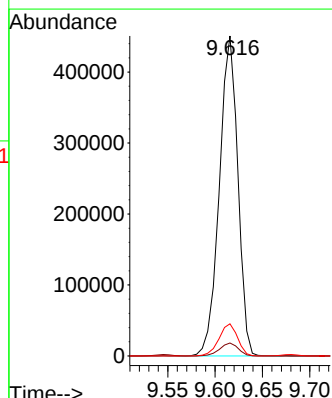
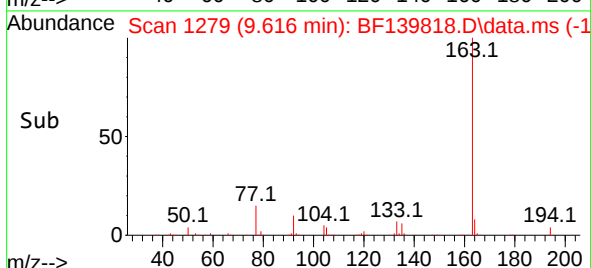
Supervised By :mohammad ahmed 10/16/2024

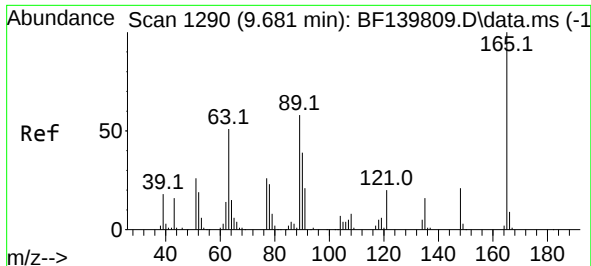


#50
Dimethylphthalate
Concen: 58.119 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



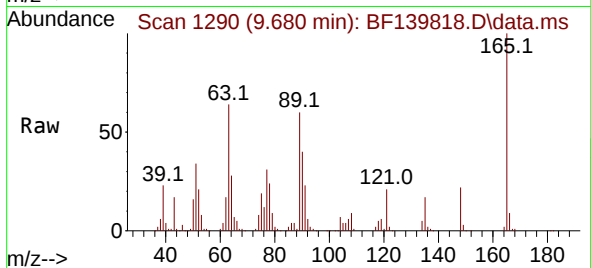
Tgt Ion:163 Resp: 613653
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 54.880 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

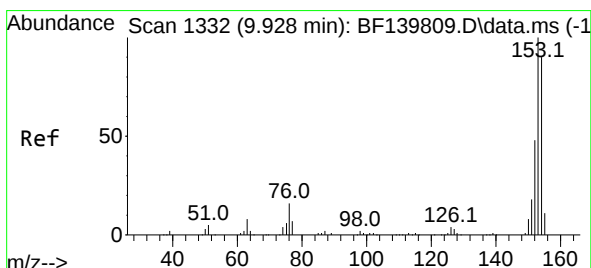
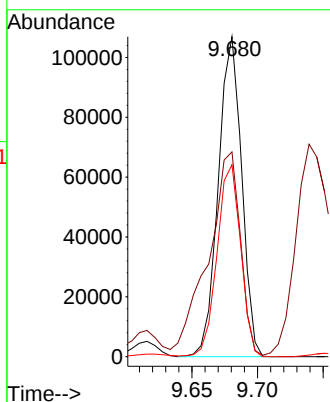
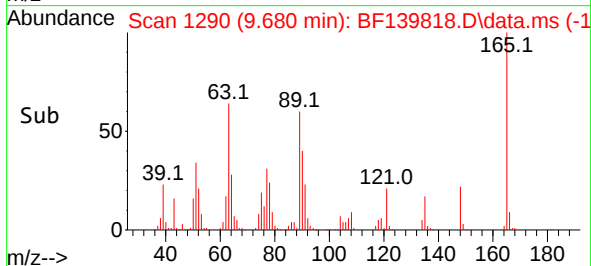
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



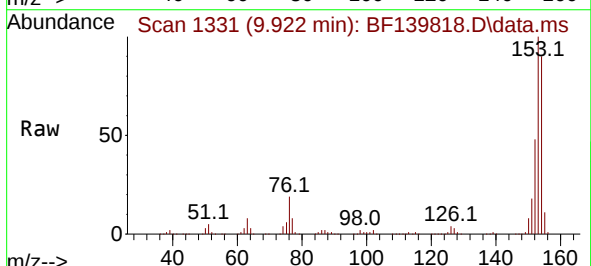
Tgt Ion:165 Resp: 13221
Ion Ratio Lower Upper
165 100
63 64.0 50.0 75.0
89 60.0 46.8 70.2

Manual Integrations
APPROVED

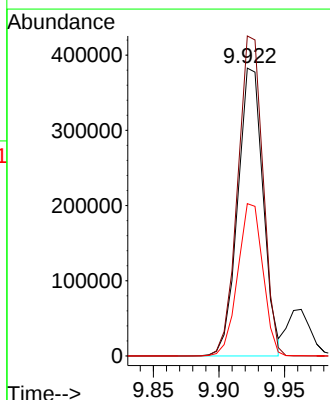
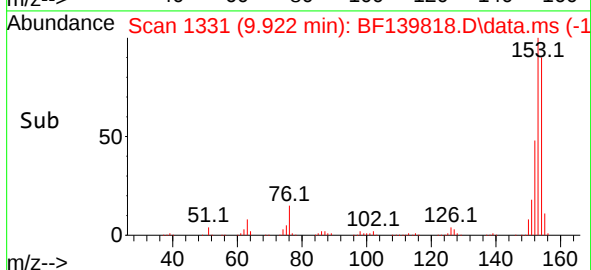
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

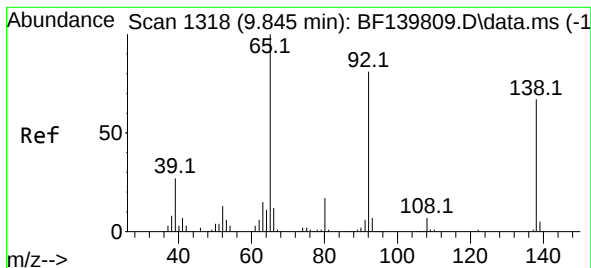


#52
Acenaphthene
Concen: 55.684 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:154 Resp: 516241
Ion Ratio Lower Upper
154 100
153 111.2 88.8 133.2
152 52.9 42.3 63.5





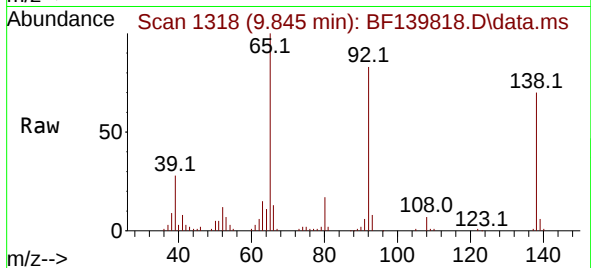
#53
3-Nitroaniline
Concen: 13.806 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



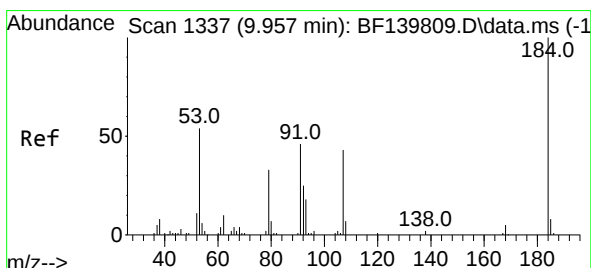
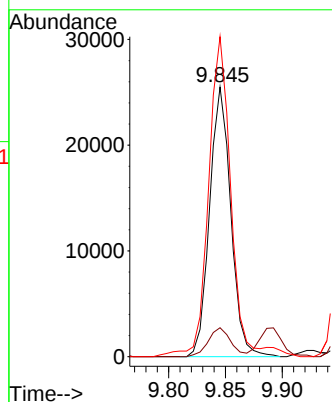
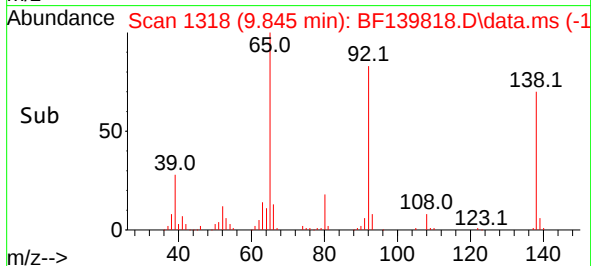
Tgt Ion:138 Resp: 33162
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 118.7 97.5 146.3

Manual Integrations

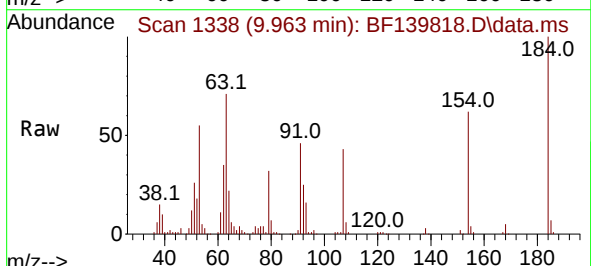
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

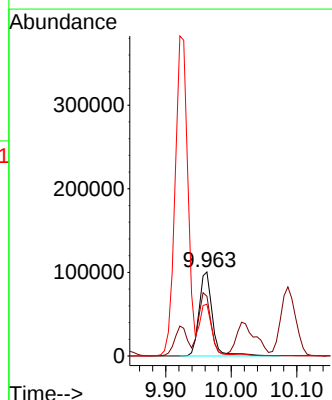
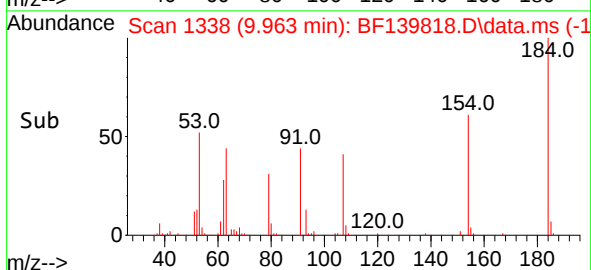
Supervised By :mohammad ahmed 10/16/2024

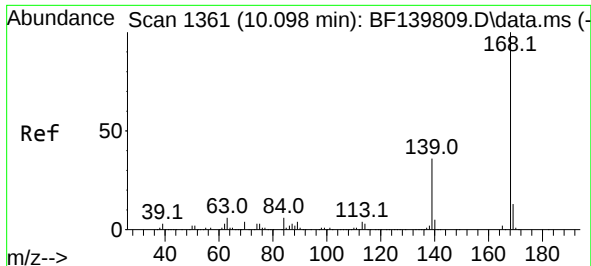


#54
2,4-Dinitrophenol
Concen: 145.748 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



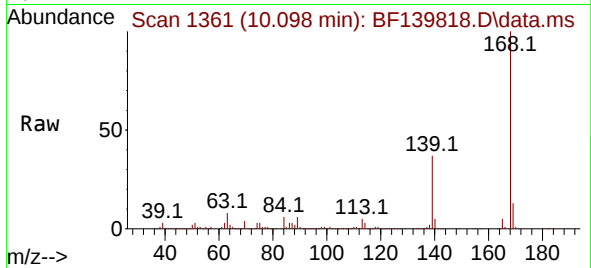
Tgt Ion:184 Resp: 142692
Ion Ratio Lower Upper
184 100
63 71.1 58.2 87.4
154 61.6 49.3 73.9





#55
Dibenzenofuran
Concen: 55.760 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

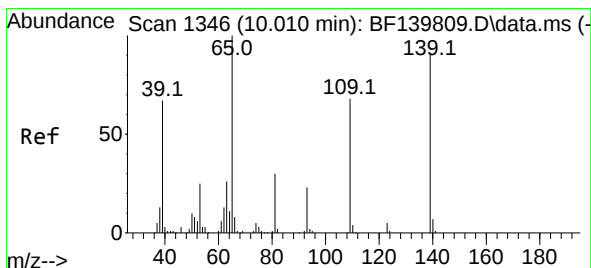
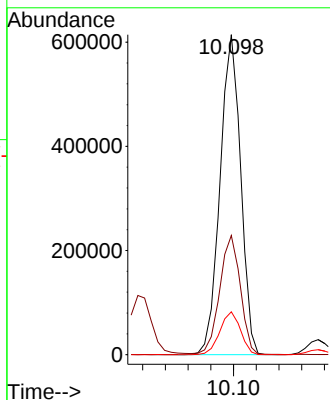
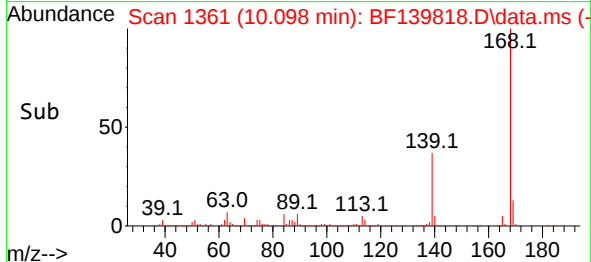
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion:168 Resp: 775154
Ion Ratio Lower Upper
168 100
139 37.2 29.2 43.8
169 13.4 10.5 15.7

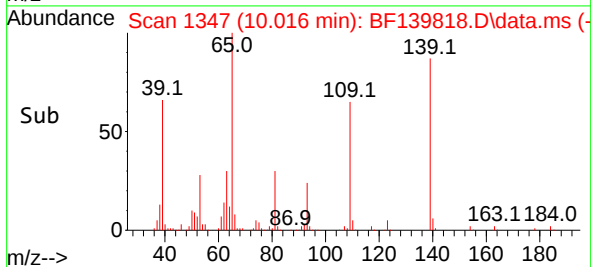
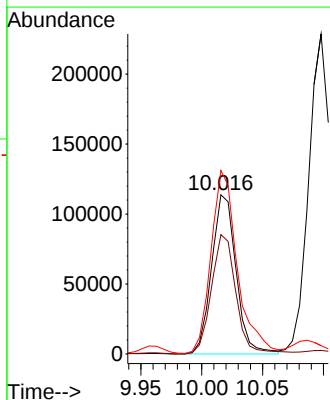
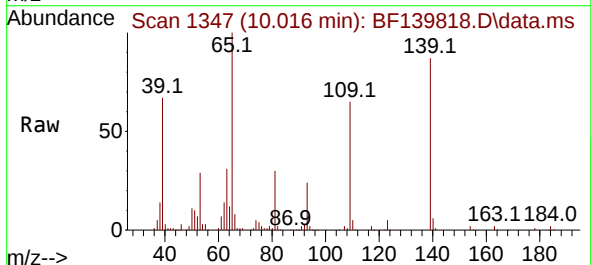
Manual Integrations
APPROVED

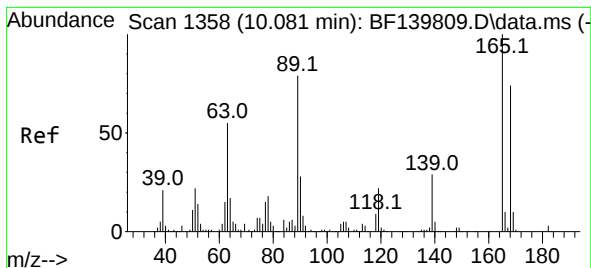
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#56
4-Nitrophenol
Concen: 109.938 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion:139 Resp: 158970
Ion Ratio Lower Upper
139 100
109 75.1 54.1 94.1
65 115.3 90.5 130.5





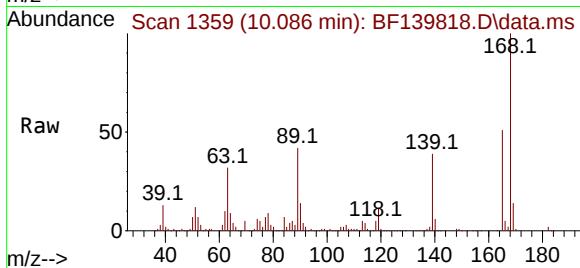
#57
2,4-Dinitrotoluene
Concen: 56.513 ng
RT: 10.086 min Scan# 1358
Delta R.T. 0.005 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



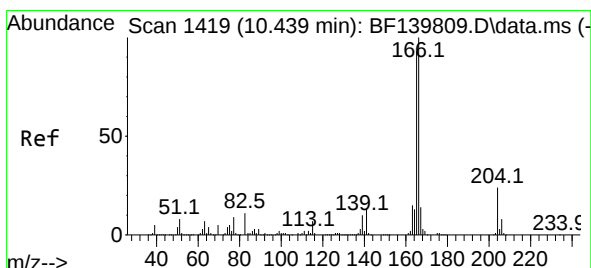
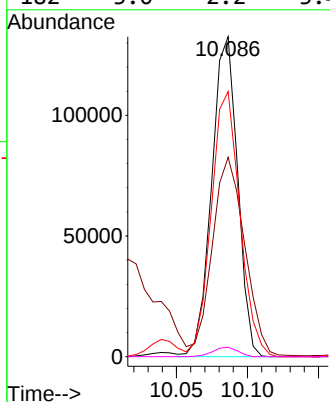
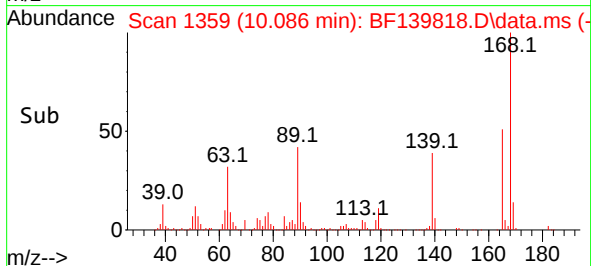
Tgt Ion:165 Resp: 168085
Ion Ratio Lower Upper
165 100
63 62.3 44.7 67.1
89 82.9 63.1 94.7
182 3.0 2.2 3.4

Manual Integrations

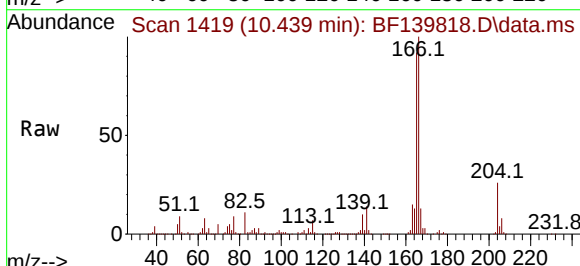
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

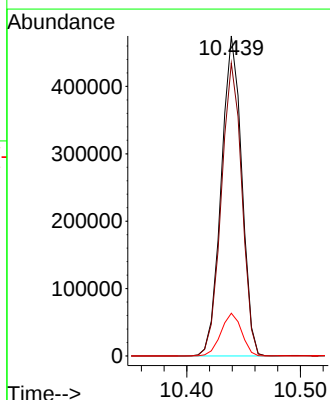
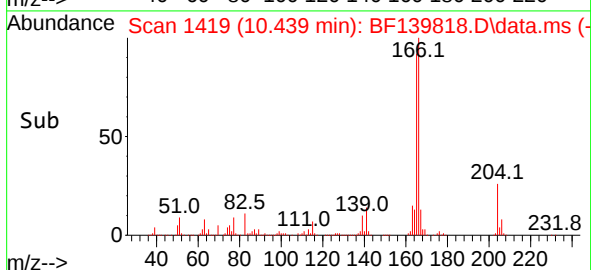
Supervised By :mohammad ahmed 10/16/2024

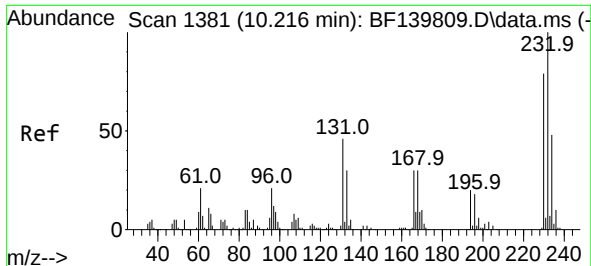


#58
Fluorene
Concen: 55.002 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



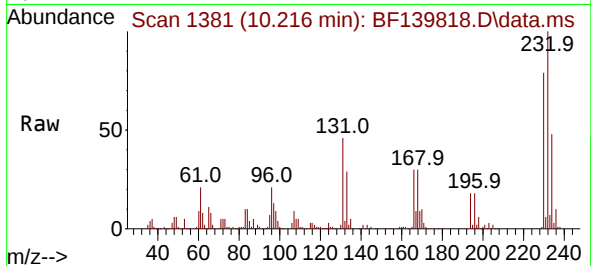
Tgt Ion:166 Resp: 595085
Ion Ratio Lower Upper
166 100
165 91.5 74.5 111.7
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.035 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

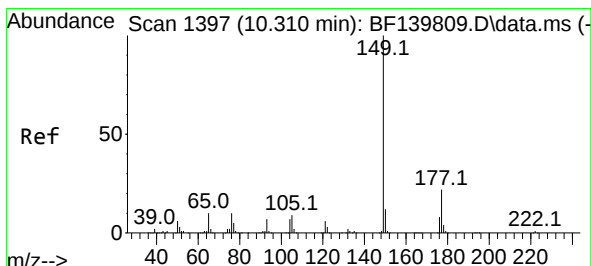
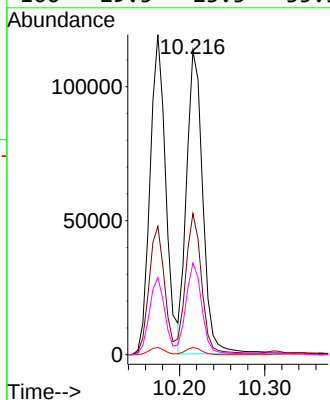
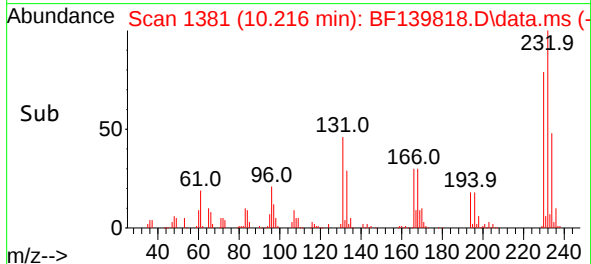
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion:232 Resp: 149820
Ion Ratio Lower Upper
232 100
131 45.4 36.1 54.1
130 2.3 1.8 2.6
166 29.5 23.5 35.3

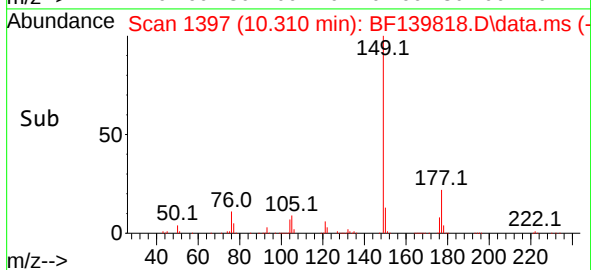
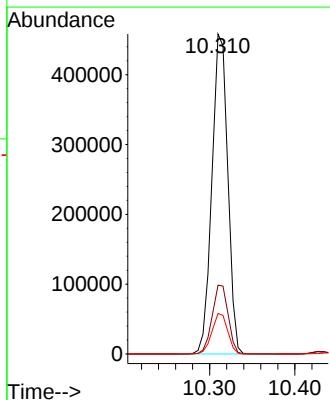
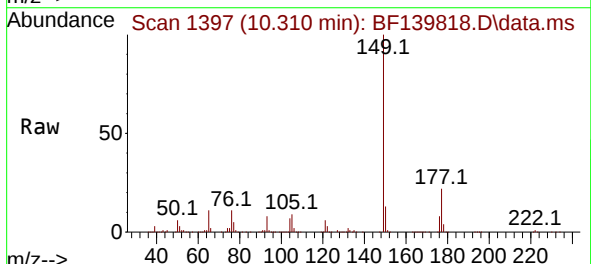
Manual Integrations
APPROVED

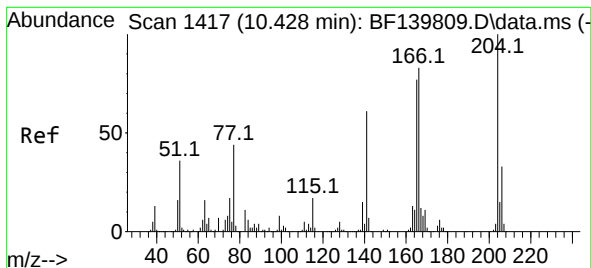
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#60
Diethylphthalate
Concen: 57.685 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

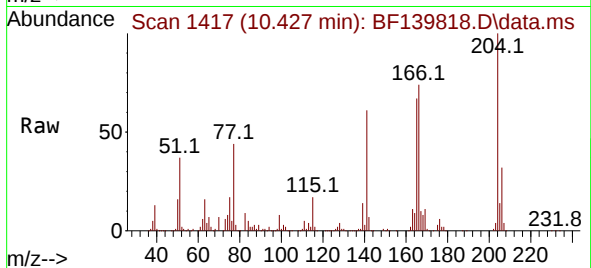
Tgt Ion:149 Resp: 592558
Ion Ratio Lower Upper
149 100
177 21.5 17.6 26.4
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 54.836 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

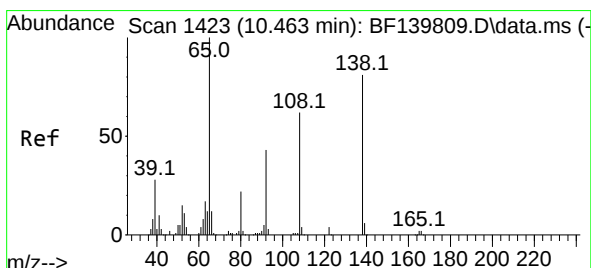
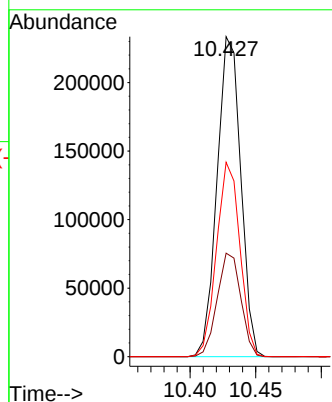
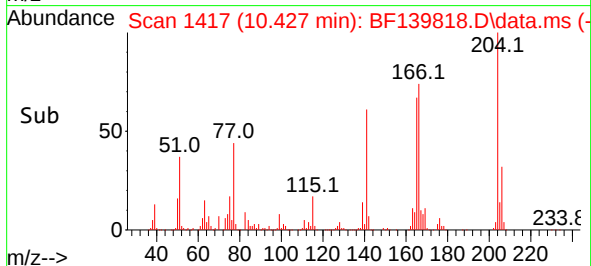
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



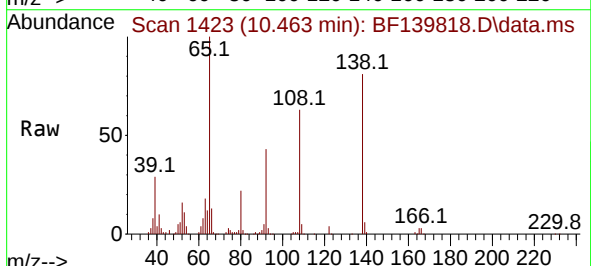
Tgt Ion:204 Resp: 29315
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 60.7 49.0 73.6

Manual Integrations
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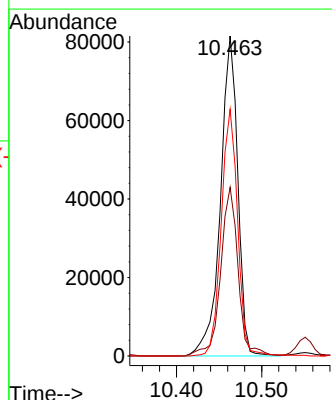
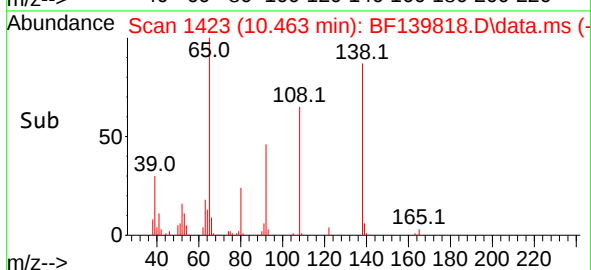
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

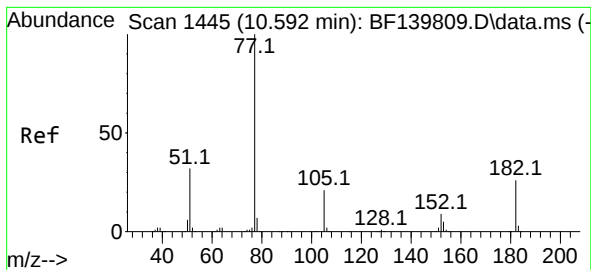


#62
4-Nitroaniline
Concen: 52.586 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:138 Resp: 115524
Ion Ratio Lower Upper
138 100
92 52.7 33.2 73.2
108 77.1 57.0 97.0





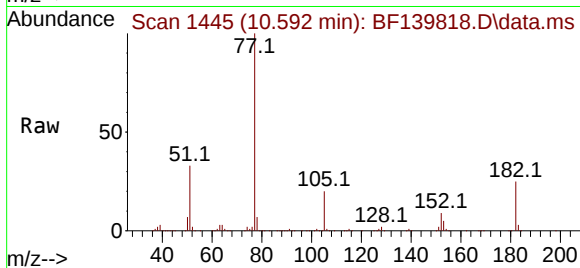
#63
Azobenzene
Concen: 57.842 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



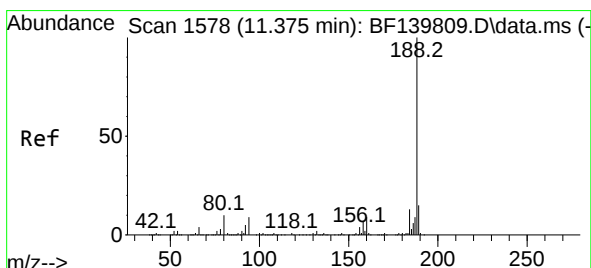
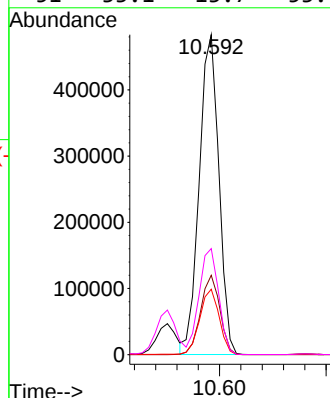
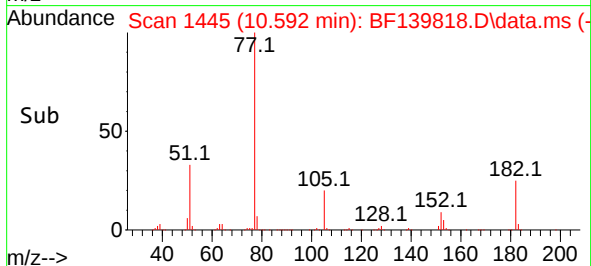
Tgt Ion: 77 Resp: 619435
Ion Ratio Lower Upper
77 100
182 24.8 5.4 45.4
105 20.5 0.4 40.4
51 33.1 13.7 53.7

Manual Integrations

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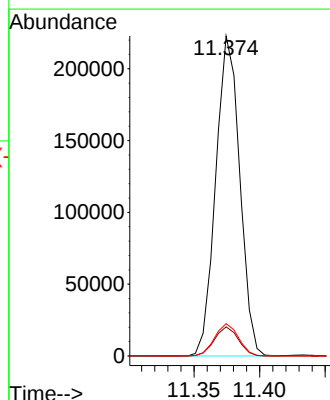
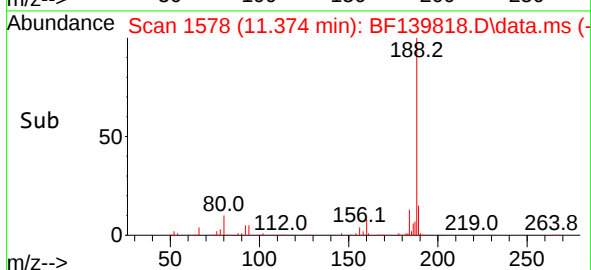
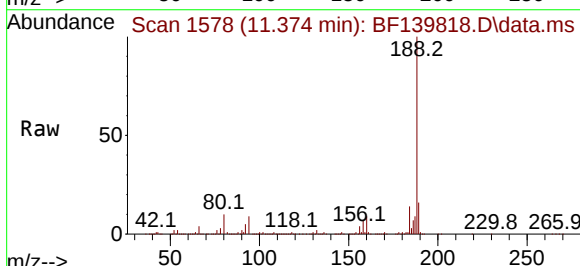
Reviewed By :Yogesh Patel 10/16/2024

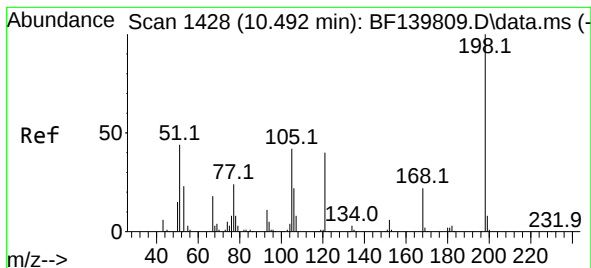
Supervised By :mohammad ahmed 10/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion:188 Resp: 283315
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 10.1 7.8 11.8





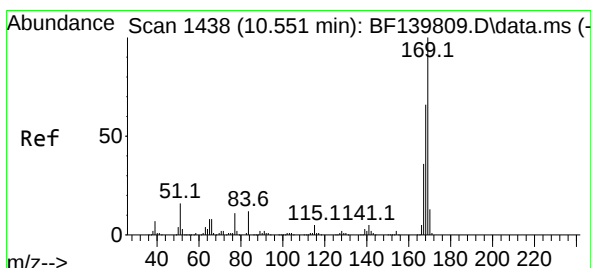
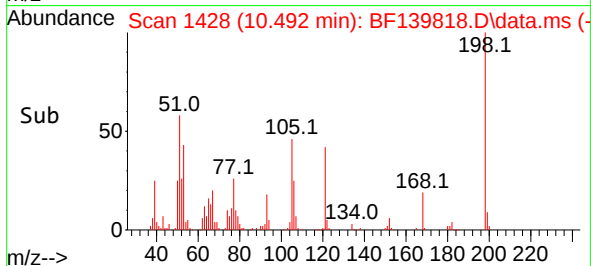
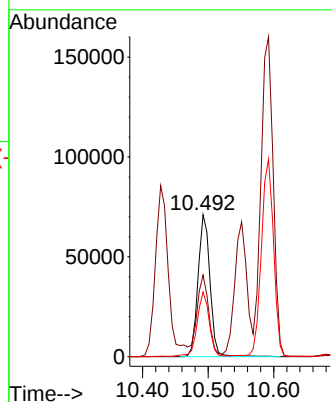
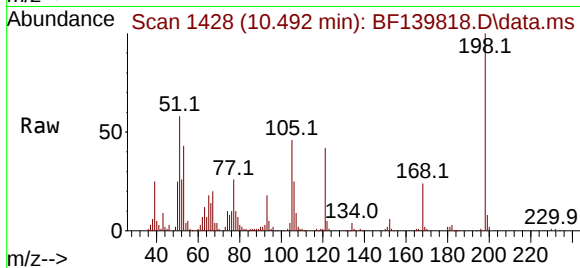
#65
4,6-Dinitro-2-methylphenol
Concen: 60.793 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS

Tgt Ion:198 Resp: 90360
Ion Ratio Lower Upper
198 100
51 57.5 34.3 74.3
105 45.6 23.8 63.8

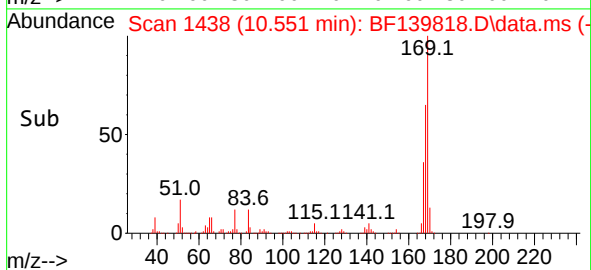
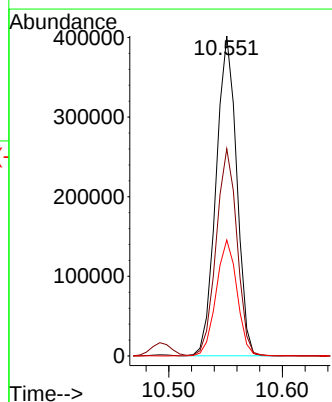
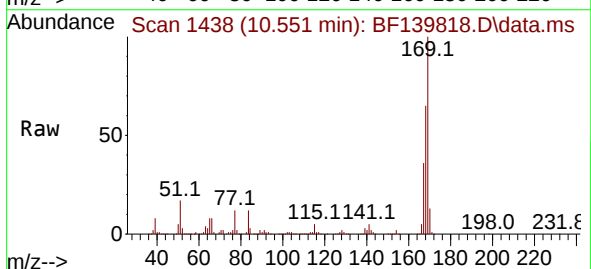
Manual Integrations
APPROVED

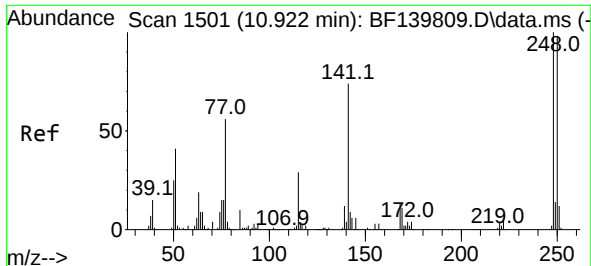
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#66
n-Nitrosodiphenylamine
Concen: 56.494 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Tgt Ion:169 Resp: 506289
Ion Ratio Lower Upper
169 100
168 64.7 52.8 79.2
167 36.2 28.8 43.2





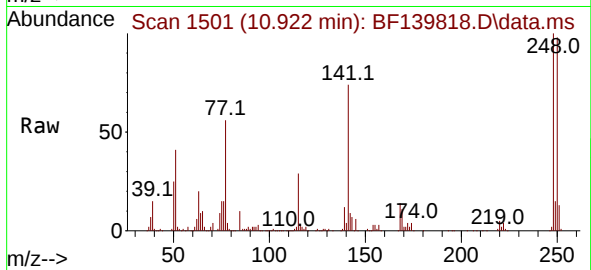
#67
4-Bromophenyl-phenylether
Concen: 55.162 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



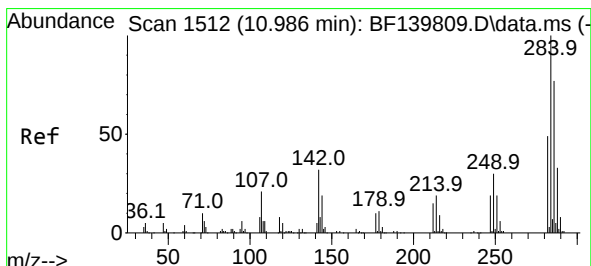
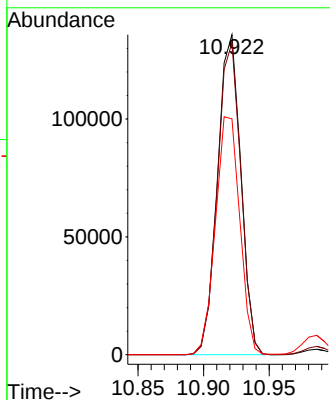
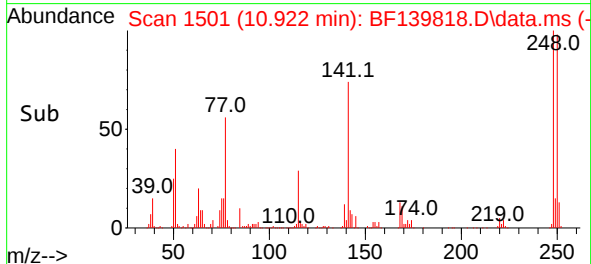
Tgt Ion:248 Resp: 168375
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 73.7 58.9 88.3

Manual Integrations

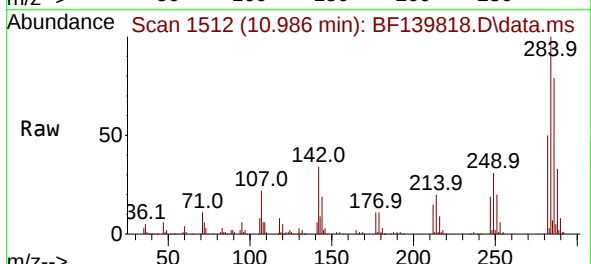
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

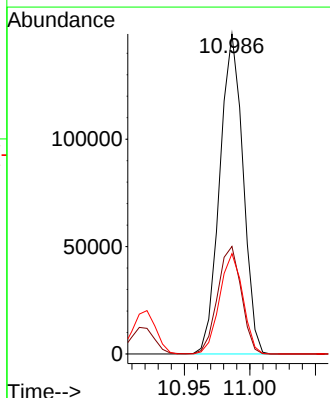
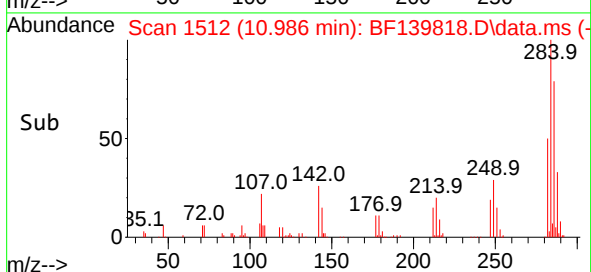
Supervised By :mohammad ahmed 10/16/2024

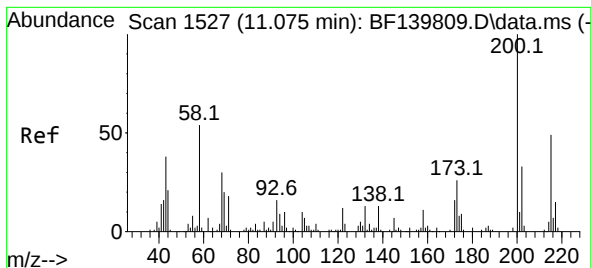


#68
Hexachlorobenzene
Concen: 53.834 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:284 Resp: 183815
Ion Ratio Lower Upper
284 100
142 33.6 25.2 37.8
249 31.3 23.8 35.8





#69

Atrazine

Concen: 78.402 ng

RT: 11.074 min Scan# 1527

Delta R.T. -0.001 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

Tgt Ion:200 Resp: 13116

Ion Ratio Lower Upper

200 100

173 27.3 6.5 46.5

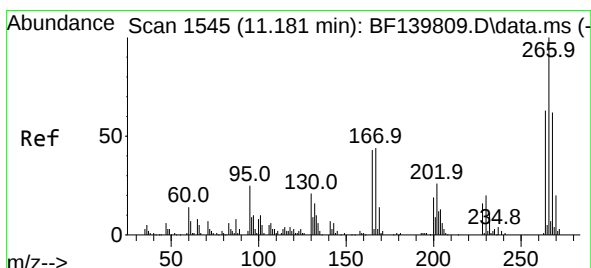
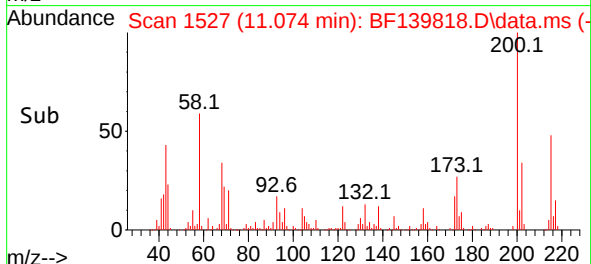
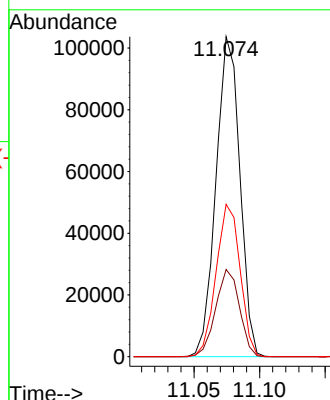
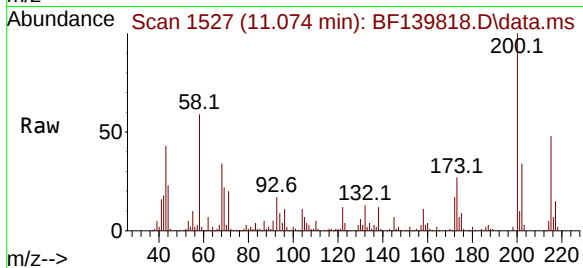
215 47.6 29.2 69.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#70

Pentachlorophenol

Concen: 123.622 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.006 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

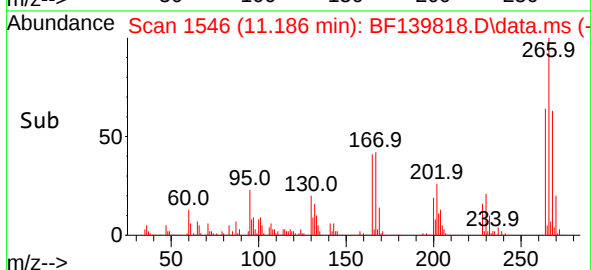
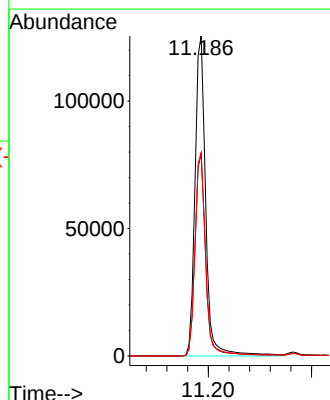
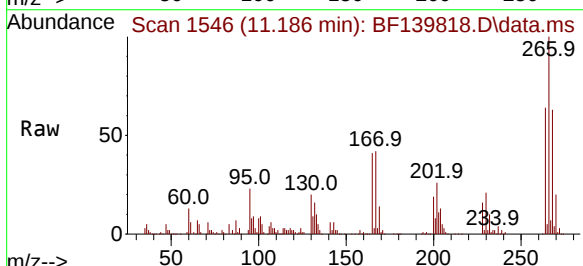
Tgt Ion:266 Resp: 180516

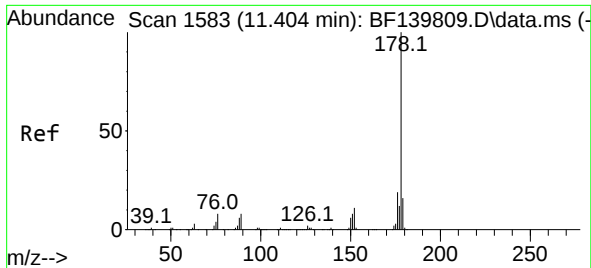
Ion Ratio Lower Upper

266 100

268 63.1 49.8 74.8

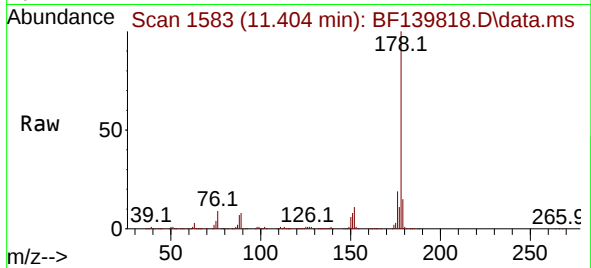
264 63.5 50.5 75.7





#71
Phenanthrene
Concen: 56.598 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

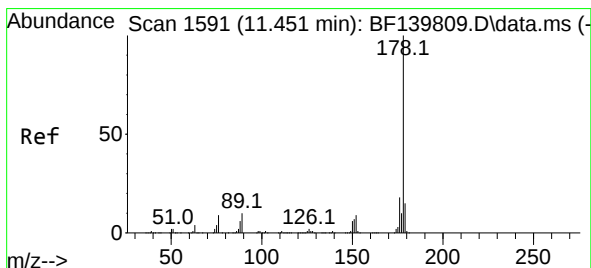
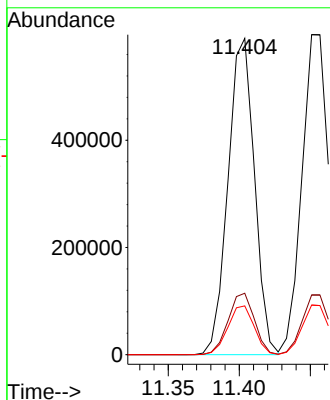
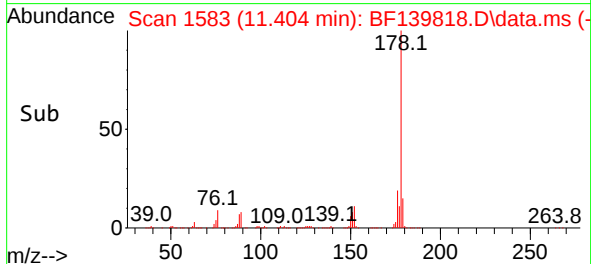
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



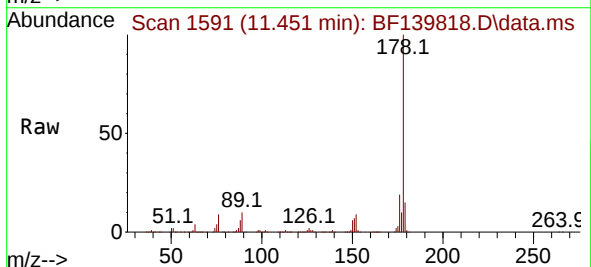
Tgt Ion:178 Resp: 765935
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.5 18.7

Manual Integrations
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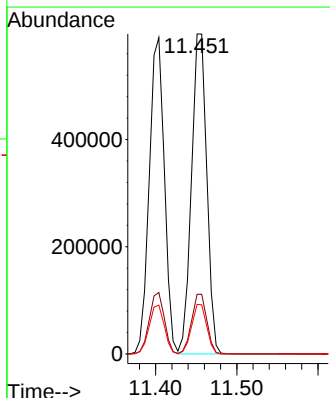
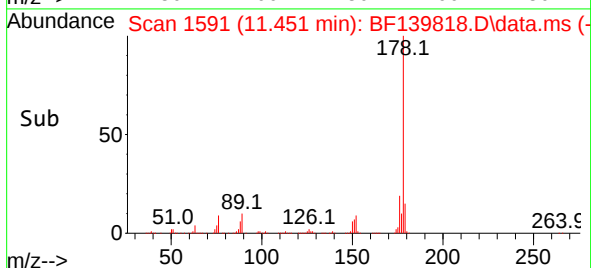
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

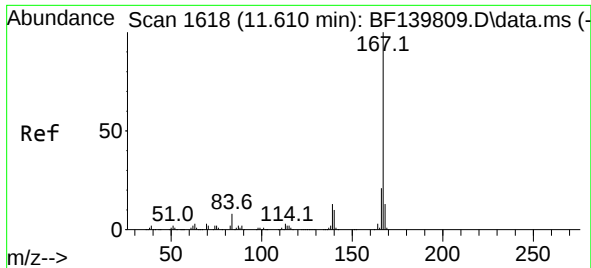


#72
Anthracene
Concen: 58.889 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



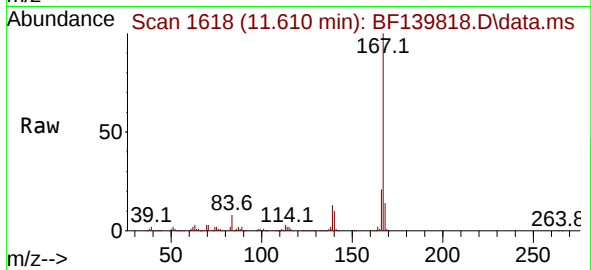
Tgt Ion:178 Resp: 783097
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 53.690 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

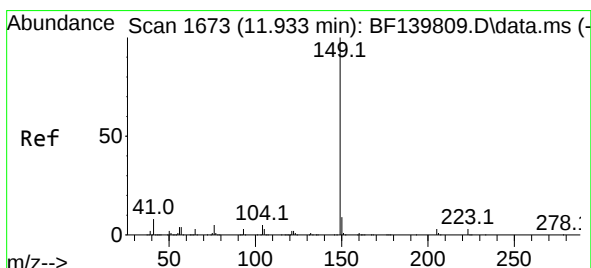
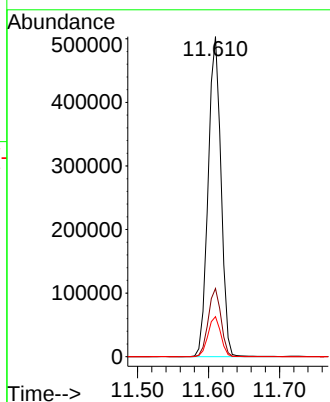
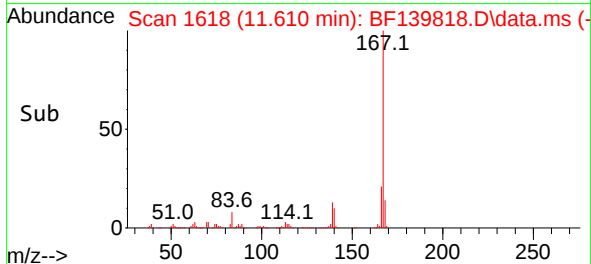
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMS



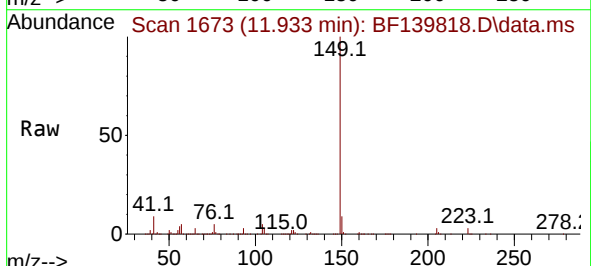
Tgt Ion:167 Resp: 63166
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.5 10.1 15.1

Manual Integrations
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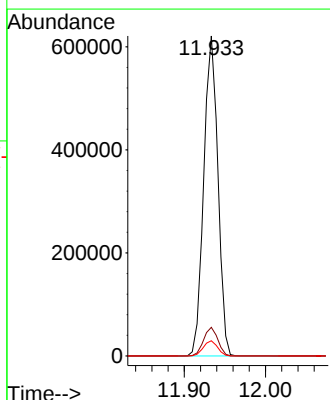
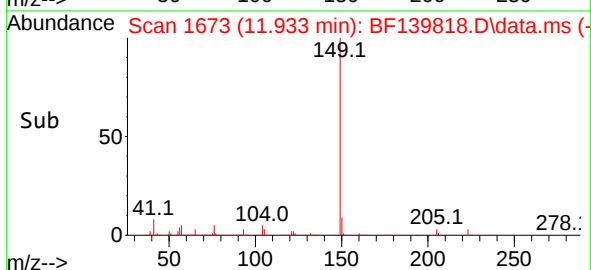
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

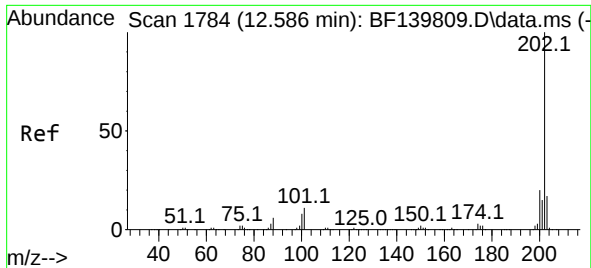


#74
 Di-n-butylphthalate
 Concen: 58.642 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02



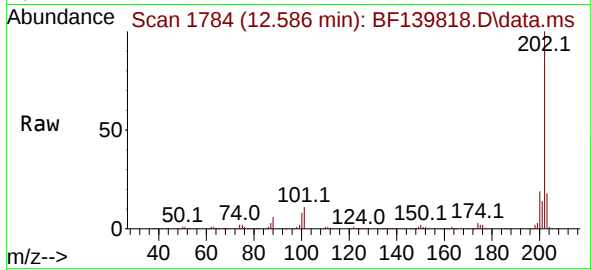
Tgt Ion:149 Resp: 749684
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 52.553 ng
RT: 12.586 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

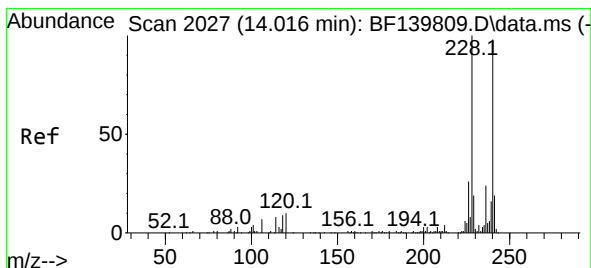
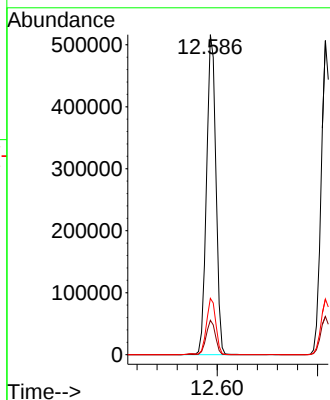
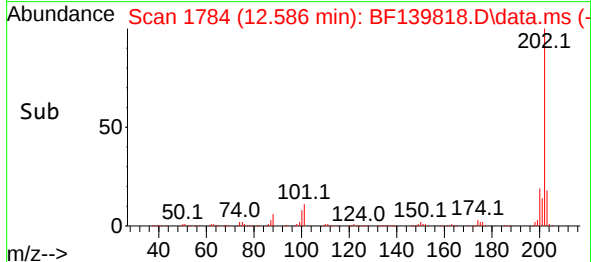
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



Tgt Ion:202 Resp: 67102
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.8
203 17.6 0.0 37.5

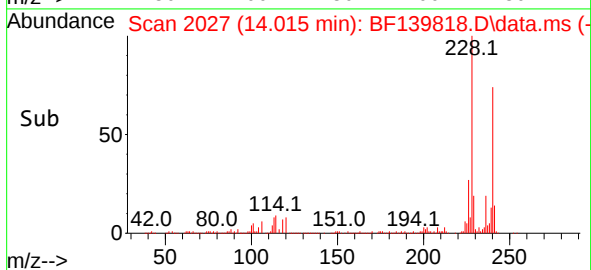
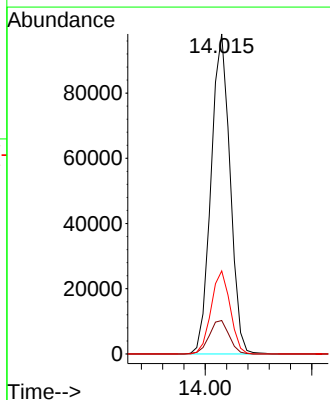
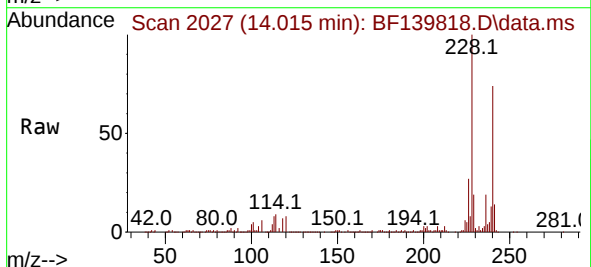
Manual Integrations
APPROVED

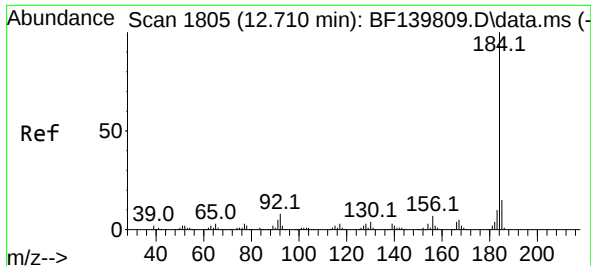
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

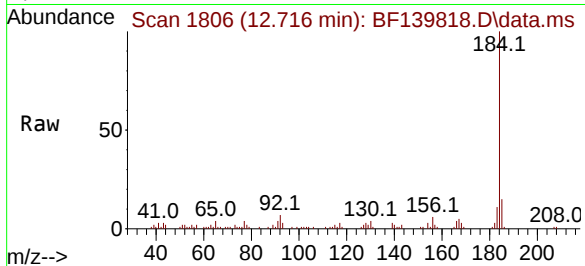
Tgt Ion:240 Resp: 121764
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.9 20.0 30.0





#77
Benzidine
Concen: 32.679 ng
RT: 12.716 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

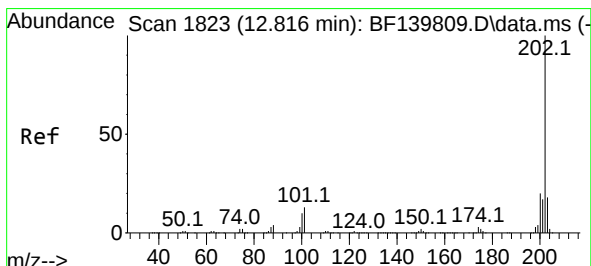
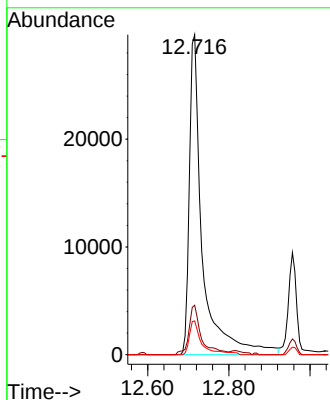
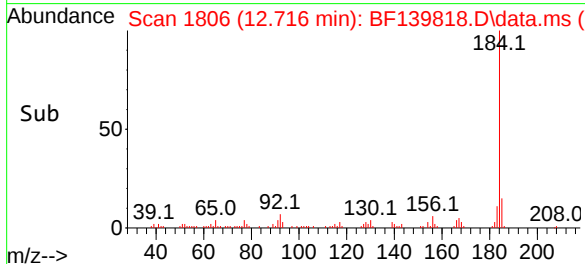
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



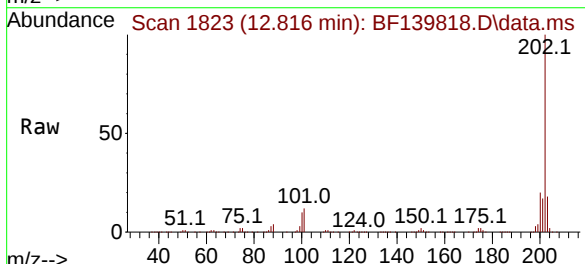
Tgt Ion:184 Resp: 66469
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 10.5 8.4 12.6

Manual Integrations
APPROVED

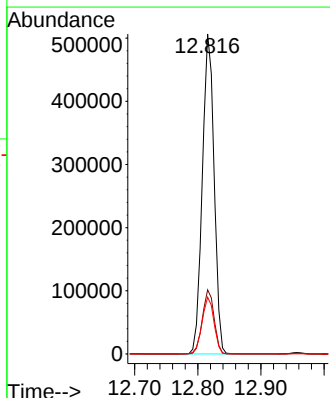
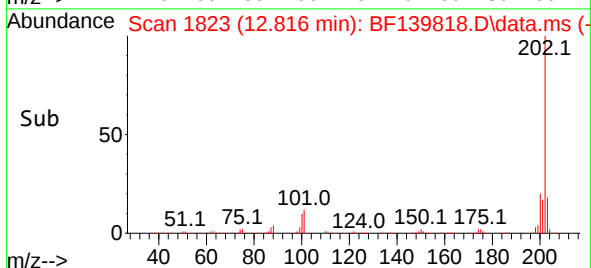
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

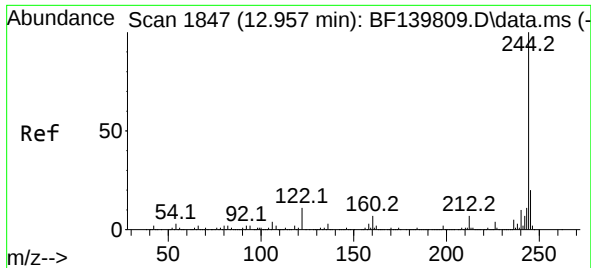


#78
Pyrene
Concen: 54.827 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



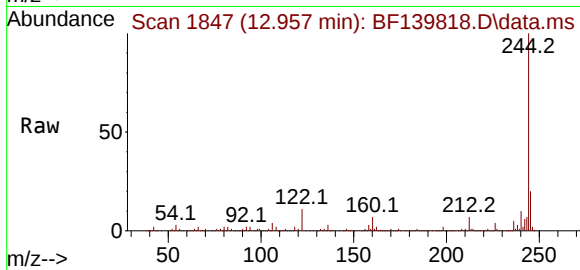
Tgt Ion:202 Resp: 656272
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 178.678 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02

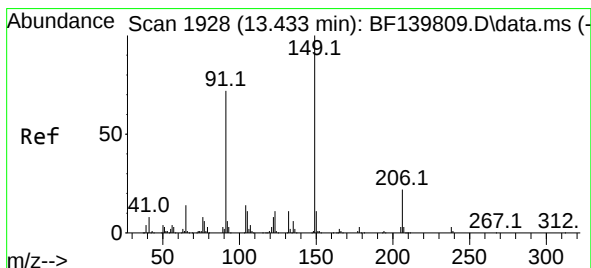
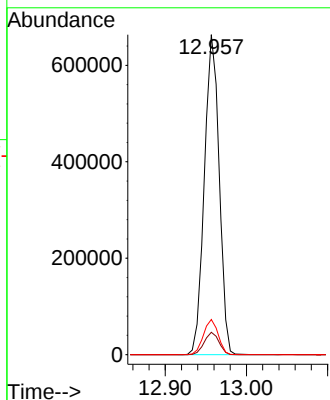
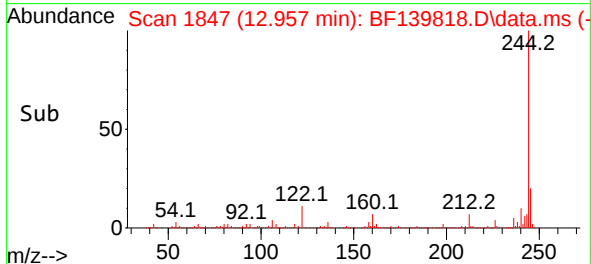
Instrument :
 BNA_F
 ClientSampleId :
 F05308-SOLIDMS



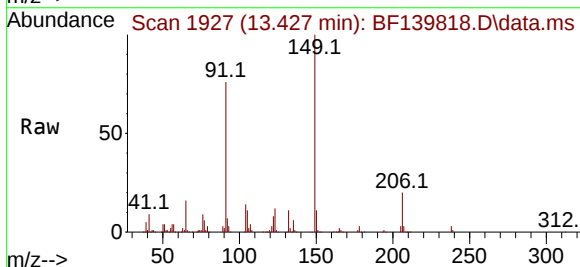
Tgt Ion:244 Resp: 839777
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.0 8.9 13.3

Manual Integrations
 APPROVED

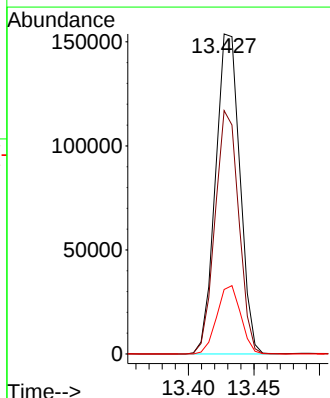
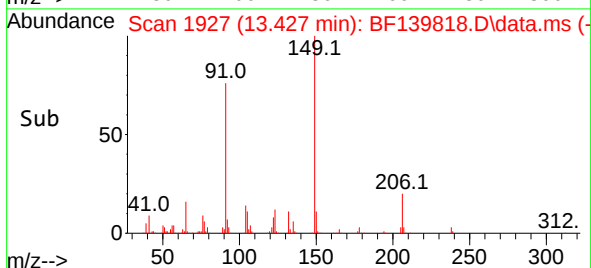
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

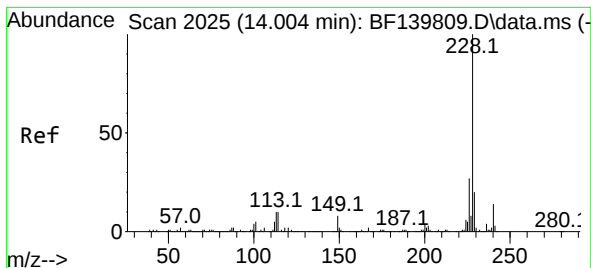


#80
 Butylbenzylphthalate
 Concen: 61.132 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BF139818.D
 Acq: 15 Oct 2024 18:02



Tgt Ion:149 Resp: 198379
 Ion Ratio Lower Upper
 149 100
 91 76.1 57.8 86.8
 206 20.1 17.4 26.2





#81

Benzo(a)anthracene

Concen: 58.151 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139818.D

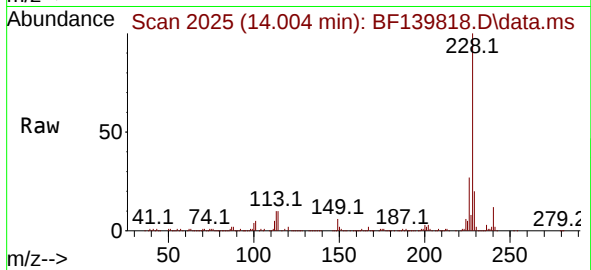
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



Tgt Ion:228 Resp: 470319

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

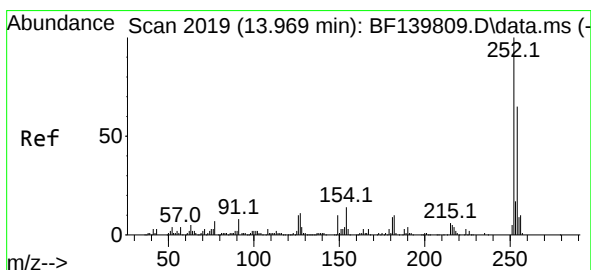
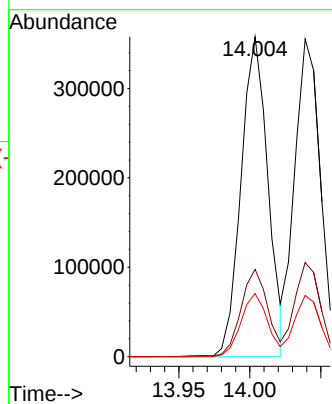
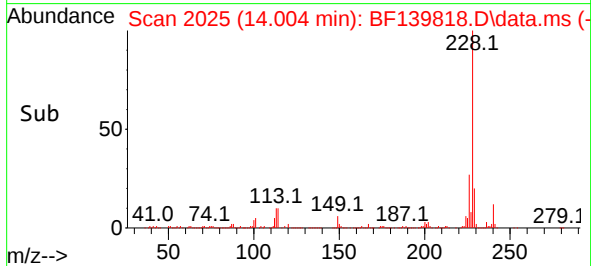
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.983 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

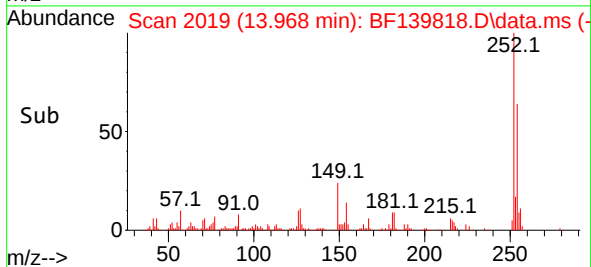
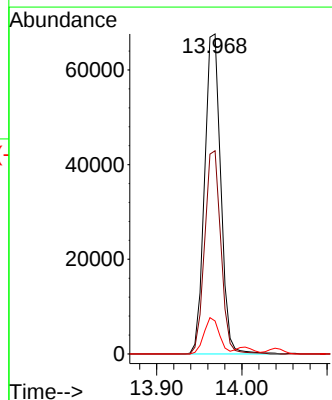
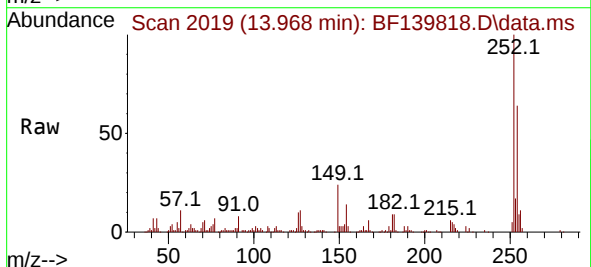
Tgt Ion:252 Resp: 88882

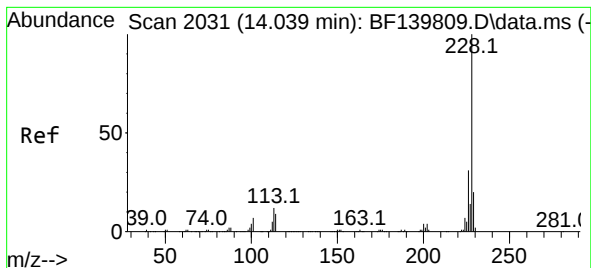
Ion Ratio Lower Upper

252 100

254 63.5 51.7 77.5

126 10.3 8.2 12.2





#83

Chrysene

Concen: 60.438 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139818.D

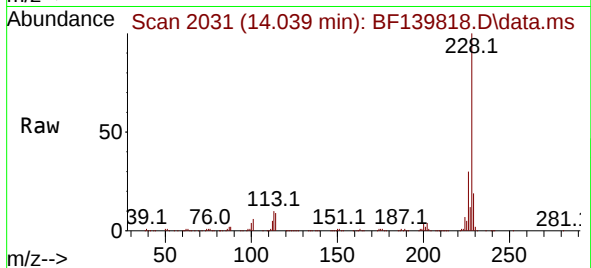
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



Tgt Ion:228 Resp: 44553

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

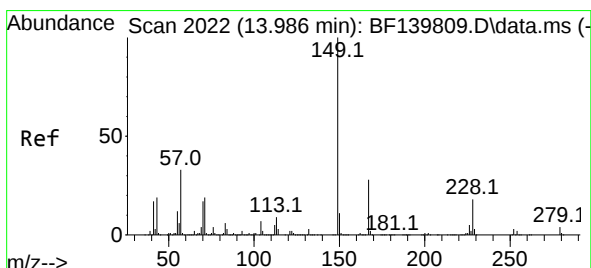
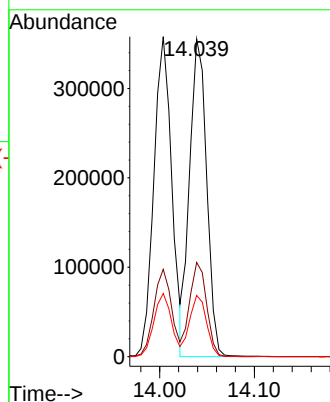
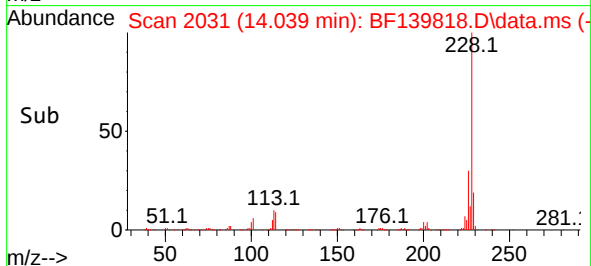
229 19.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#84

Bis(2-ethylhexyl)phthalate

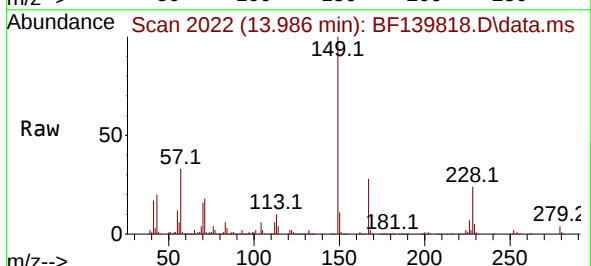
Concen: 60.232 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02



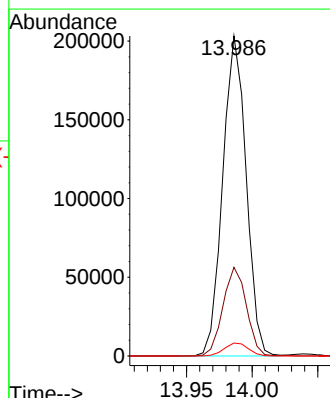
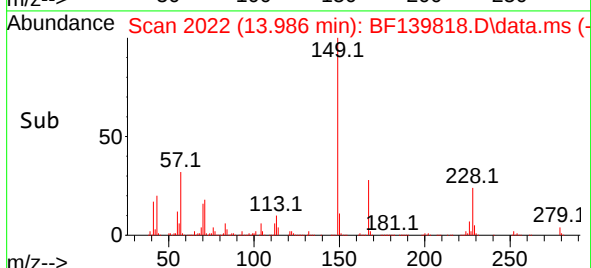
Tgt Ion:149 Resp: 252122

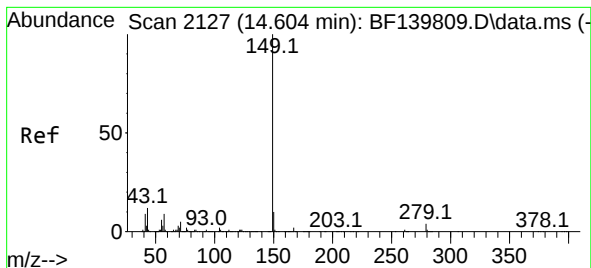
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.182 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

Tgt Ion:149 Resp: 47645

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

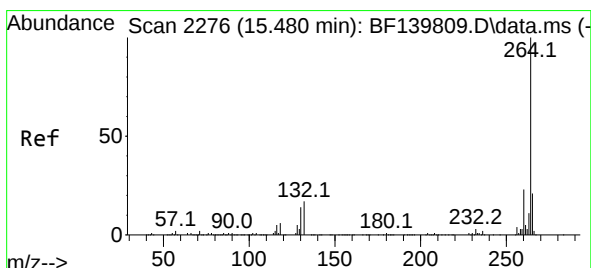
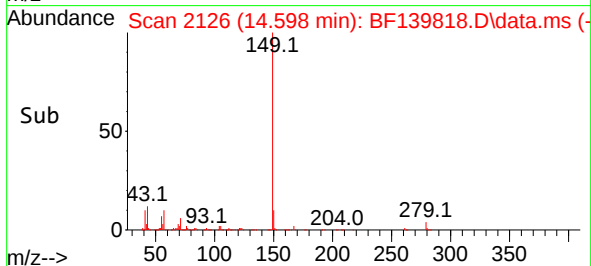
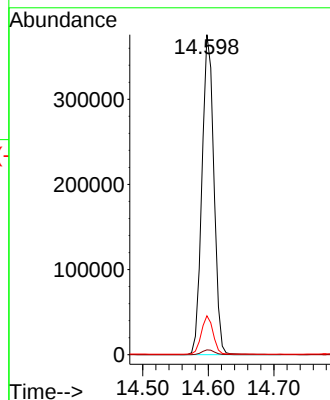
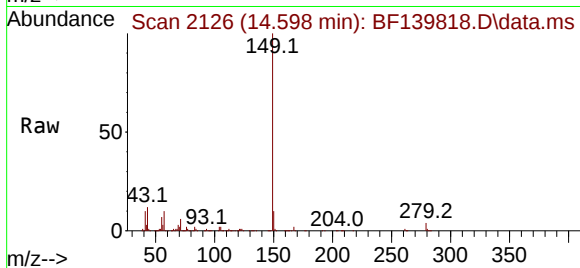
43 11.9 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

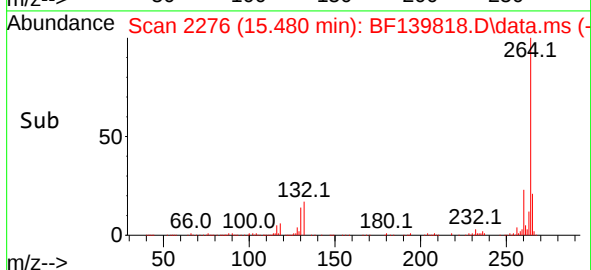
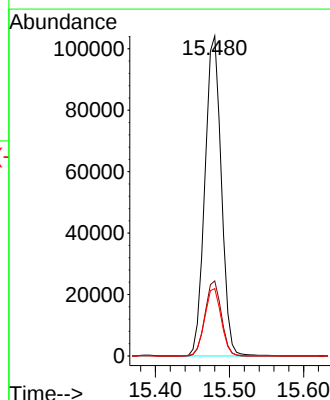
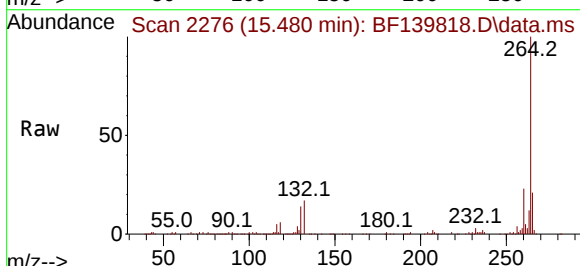
Tgt Ion:264 Resp: 160038

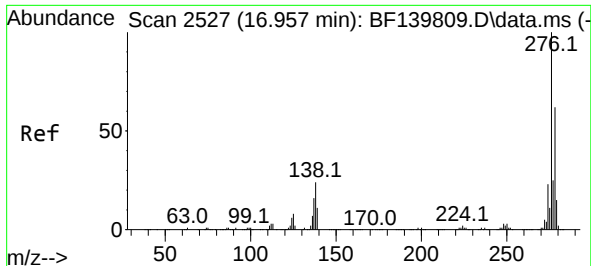
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.0 17.2 25.8





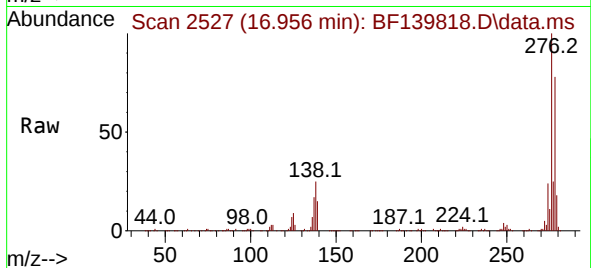
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.388 ng
RT: 16.956 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS



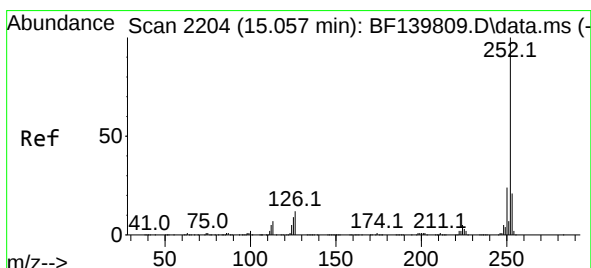
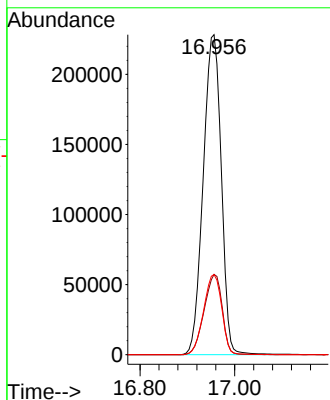
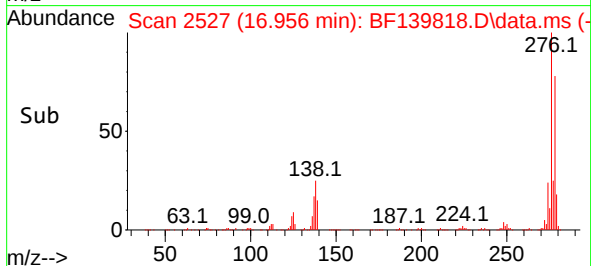
Tgt Ion:276 Resp: 60428
Ion Ratio Lower Upper
276 100
138 25.1 20.0 30.0
277 25.2 20.1 30.1

Manual Integrations

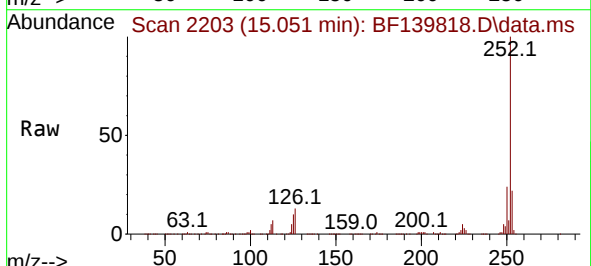
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

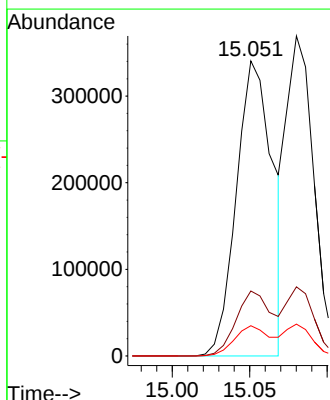
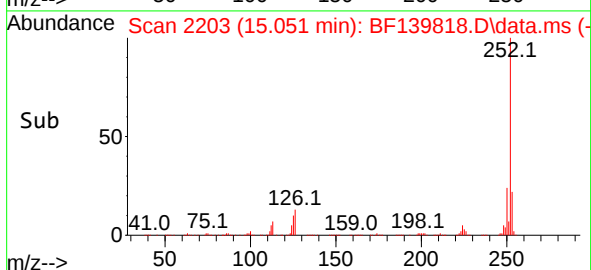
Supervised By :mohammad ahmed 10/16/2024

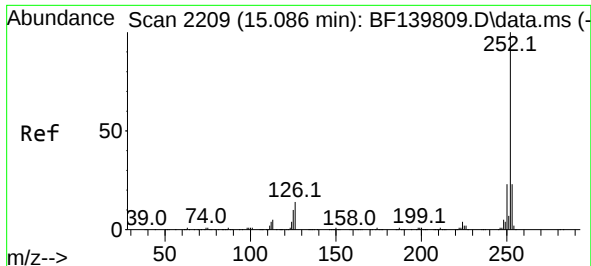


#88
Benzo(b)fluoranthene
Concen: 60.427 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:252 Resp: 554710
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 56.006 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

Instrument :

BNA_F

ClientSampleId :

F05308-SOLIDMS

Tgt Ion:252 Resp: 45626

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

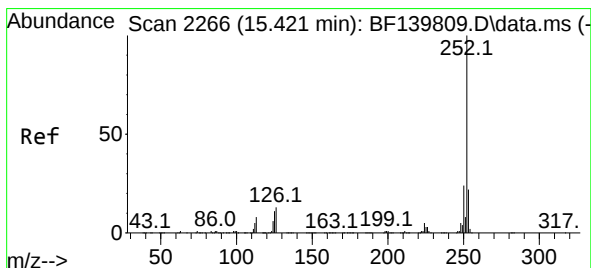
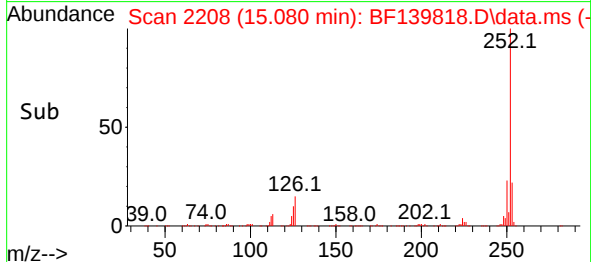
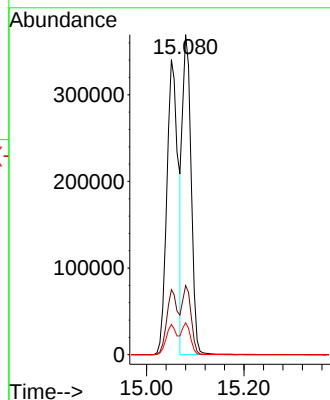
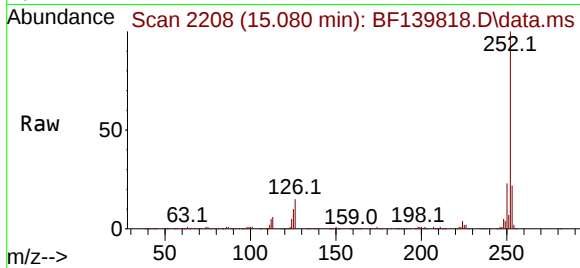
125 9.9 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#90

Benzo(a)pyrene

Concen: 62.378 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.000 min

Lab File: BF139818.D

Acq: 15 Oct 2024 18:02

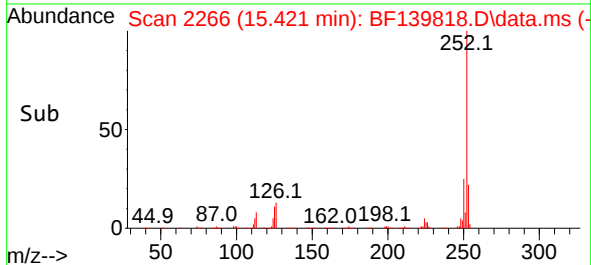
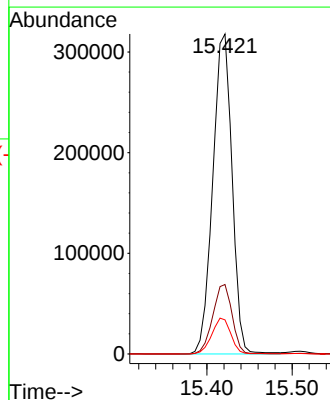
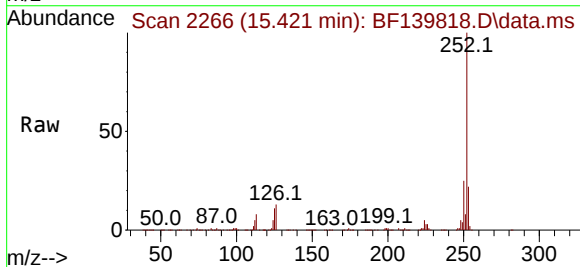
Tgt Ion:252 Resp: 500158

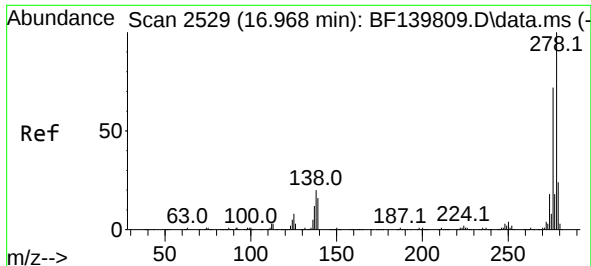
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

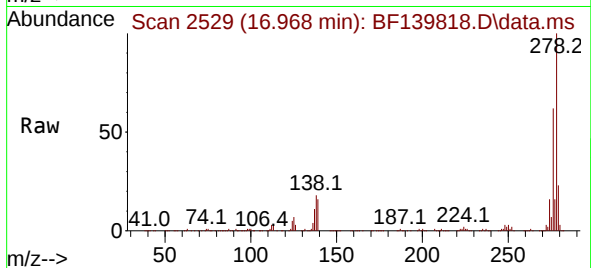
125 10.6 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 55.575 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02

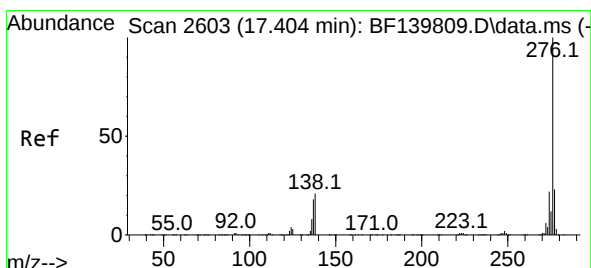
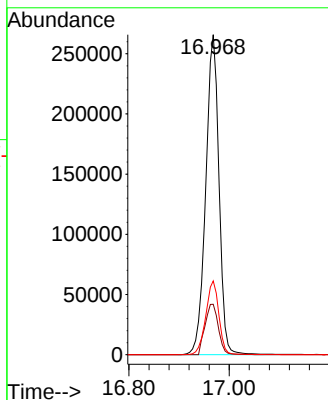
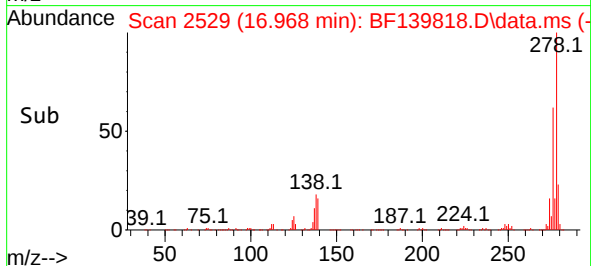
Instrument :
BNA_F
ClientSampleId :
F05308-SOLIDMS



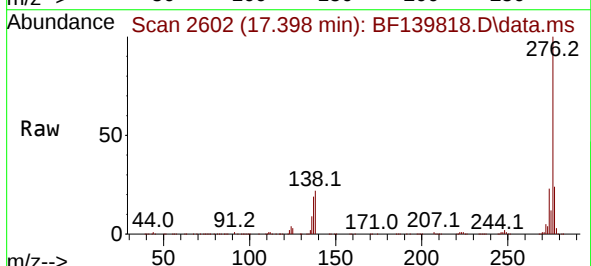
Tgt Ion:278 Resp: 48841
Ion Ratio Lower Upper
278 100
139 15.8 13.0 19.4
279 23.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#92
Benzo(g,h,i)perylene
Concen: 49.173 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF139818.D
Acq: 15 Oct 2024 18:02



Tgt Ion:276 Resp: 453259
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.4
138 21.6 17.0 25.4

