

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139718.D
 Acq On : 09 Oct 2024 13:07
 Operator : RC/JU
 Sample : PB163987BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163987BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 13:36:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	85890	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	332977	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	186571	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	343281	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172046	20.000	ng	0.00
86) Perylene-d12	15.498	264	166643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	691809	139.606	ng	0.01
7) Phenol-d6	6.504	99	899983	135.051	ng	0.00
23) Nitrobenzene-d5	7.434	82	595246	90.509	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	234001	129.926	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1089442	89.644	ng	0.00
79) Terphenyl-d14	12.974	244	1082801	103.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	96994	45.273	ng	98
3) Pyridine	3.475	79	258670	49.643	ng	97
4) n-Nitrosodimethylamine	3.434	42	174274	51.097	ng	95
6) Aniline	6.528	93	319243	53.986	ng	# 70
8) 2-Chlorophenol	6.651	128	292000	54.999	ng	99
9) Benzaldehyde	6.416	77	84334	23.890	ng	99
10) Phenol	6.522	94	382044	54.521	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	286685	50.248	ng	100
12) 1,3-Dichlorobenzene	6.810	146	301955	50.557	ng	98
13) 1,4-Dichlorobenzene	6.887	146	306717	50.704	ng	99
14) 1,2-Dichlorobenzene	7.034	146	293322	51.738	ng	99
15) Benzyl Alcohol	7.010	79	267328	52.502	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	514522	52.093	ng	89
17) 2-Methylphenol	7.128	107	237993	53.696	ng	96
18) Hexachloroethane	7.375	117	113976	50.515	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	218417	50.980	ng	99
20) 3+4-Methylphenols	7.281	107	291202	52.308	ng	95
22) Acetophenone	7.275	105	397870	50.339	ng	97
24) Nitrobenzene	7.451	77	331343	48.655	ng	99
25) Isophorone	7.687	82	593055	50.771	ng	99
26) 2-Nitrophenol	7.769	139	159185	54.373	ng	98
27) 2,4-Dimethylphenol	7.804	122	223018m	62.226	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	351319	50.367	ng	99
29) 2,4-Dichlorophenol	8.010	162	245195	52.450	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	257365	48.681	ng	100
31) Naphthalene	8.169	128	861906	50.627	ng	100
32) Benzoic acid	7.939	122	175392	49.215	ng	99
33) 4-Chloroaniline	8.222	127	122691	21.290	ng	97
34) Hexachlorobutadiene	8.287	225	165609	48.406	ng	99
35) Caprolactam	8.592	113	74350m	48.490	ng	
36) 4-Chloro-3-methylphenol	8.710	107	267470	50.543	ng	99
37) 2-Methylnaphthalene	8.863	142	555835	50.129	ng	99
38) 1-Methylnaphthalene	8.963	142	519622	47.943	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	262259	50.621	ng	98
41) Hexachlorocyclopentadiene	9.010	237	300641	189.252	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	177458	50.811	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	189154	50.221	ng	98
46) 1,1'-Biphenyl	9.328	154	690634	49.770	ng	100
47) 2-Chloronaphthalene	9.351	162	518453	49.837	ng	99
48) 2-Nitroaniline	9.451	65	195795	52.431	ng	99
49) Acenaphthylene	9.769	152	854792	54.031	ng	100
50) Dimethylphthalate	9.628	163	628265	51.442	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136513	49.481	ng	94
52) Acenaphthene	9.939	154	606709m	55.863	ng	
53) 3-Nitroaniline	9.863	138	88836	31.509	ng	96
54) 2,4-Dinitrophenol	9.975	184	162704	109.646	ng	95
55) Dibenzofuran	10.110	168	777665	51.140	ng	99
56) 4-Nitrophenol	10.033	139	207621	96.568	ng	95
57) 2,4-Dinitrotoluene	10.098	165	183001	50.746	ng	99
58) Fluorene	10.457	166	606135	50.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	158169	51.994	ng	97
60) Diethylphthalate	10.328	149	623854	49.454	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	297790	49.146	ng	97
62) 4-Nitroaniline	10.480	138	144139	49.981	ng	97
63) Azobenzene	10.604	77	636258	50.154	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	105828	54.585	ng	100
66) n-Nitrosodiphenylamine	10.569	169	527219	52.104	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	176370	50.110	ng	97
68) Hexachlorobenzene	10.998	284	199565	51.097	ng	98
69) Atrazine	11.092	200	168359	62.014	ng	98
70) Pentachlorophenol	11.198	266	217182	93.388	ng	98
71) Phenanthrene	11.416	178	849134	52.461	ng	100
72) Anthracene	11.469	178	872336	54.477	ng	100
73) Carbazole	11.622	167	784142	50.986	ng	100
74) Di-n-butylphthalate	11.951	149	943466	50.447	ng	99
75) Fluoranthene	12.604	202	873643	49.376	ng	99
77) Benzidine	12.727	184	277756	91.527	ng	100
78) Pyrene	12.833	202	875249	56.880	ng	99
80) Butylbenzylphthalate	13.451	149	301268	54.736	ng	96
81) Benzo(a)anthracene	14.021	228	612761	54.172	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	131418	37.963	ng	98
83) Chrysene	14.057	228	562894	54.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	373112	54.288	ng	99
85) Di-n-octyl phthalate	14.616	149	559451	55.408	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	604204	61.602	ng	100
88) Benzo(b)fluoranthene	15.074	252	518897	48.158	ng	100
89) Benzo(k)fluoranthene	15.104	252	477933	52.290	ng	100
90) Benzo(a)pyrene	15.439	252	481677	56.695	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	484665	59.577	ng	99
92) Benzo(g,h,i)perylene	17.433	276	460245	56.412	ng	99

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



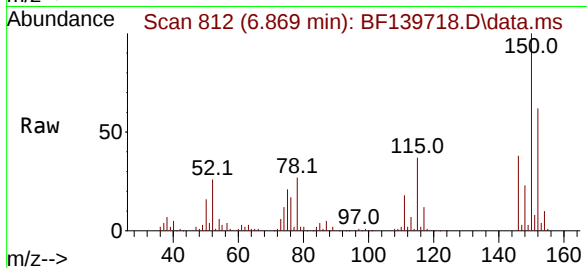
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139718.D
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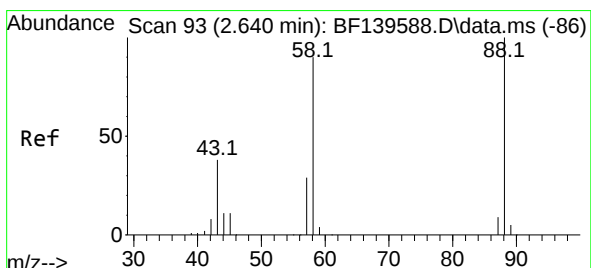
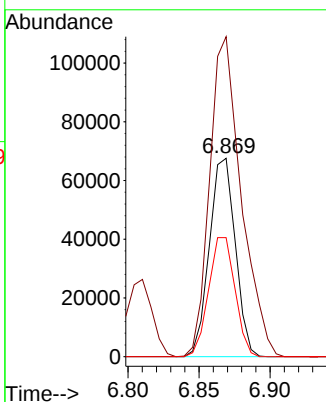
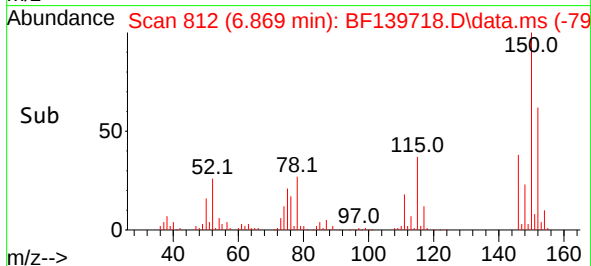
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Ion Ratio Lower Upper
152 100
150 161.3 127.2 190.8
115 60.0 49.0 73.4

Manual Integrations

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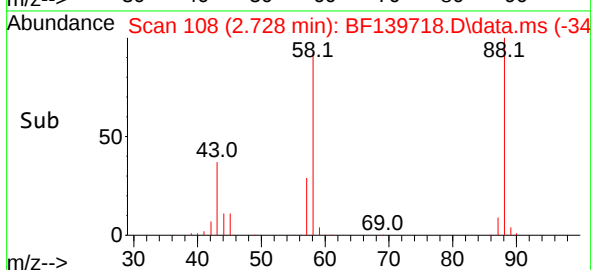
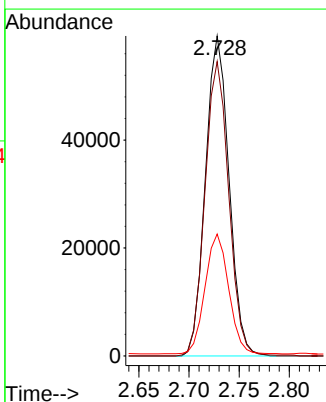
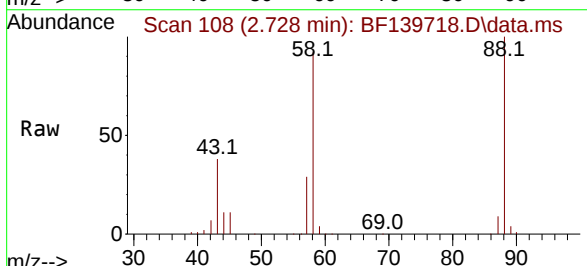
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 45.273 ng
RT: 2.728 min Scan# 108
Delta R.T. 0.088 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion: 88 Resp: 96994
Ion Ratio Lower Upper
88 100
58 92.7 72.0 108.0
43 37.5 30.8 46.2





#3

Pyridine

Concen: 49.643 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion: 79 Resp: 258670

Ion Ratio Lower Upper

79 100

52 88.5 72.6 109.0

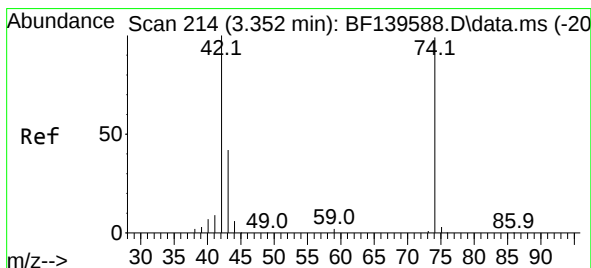
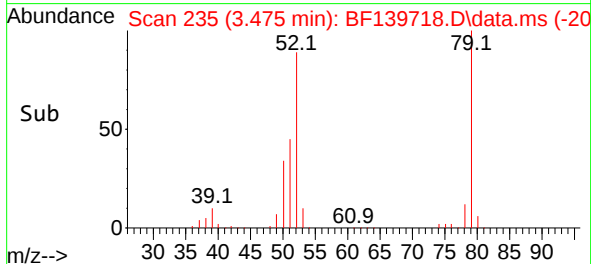
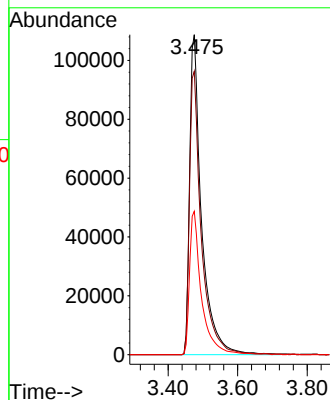
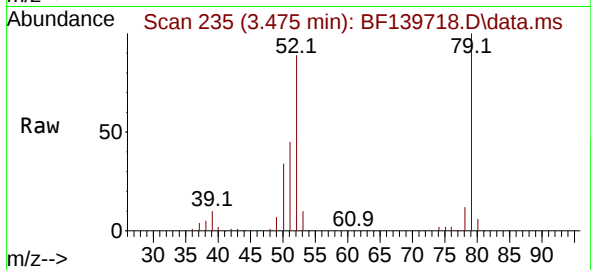
51 44.8 37.5 56.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.097 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.082 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

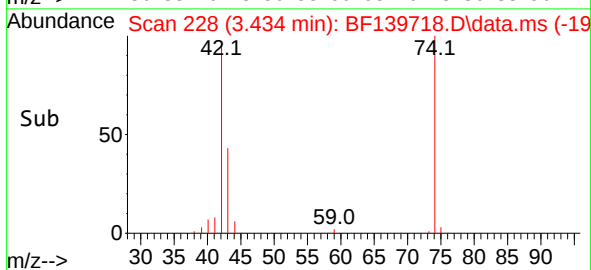
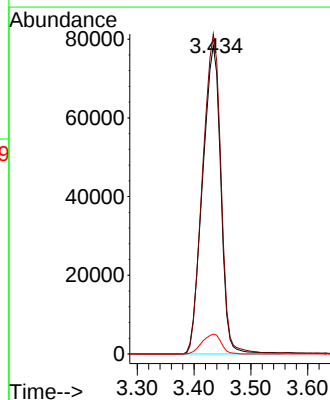
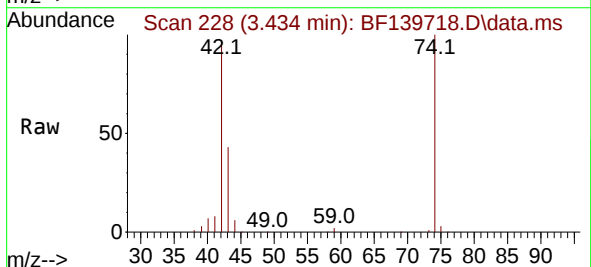
Tgt Ion: 42 Resp: 174274

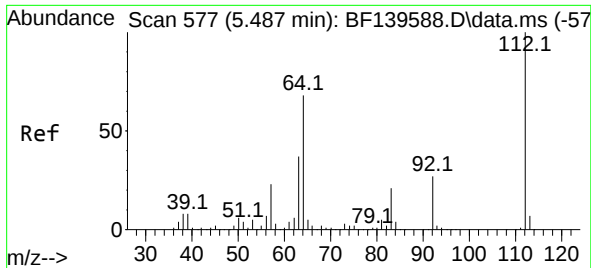
Ion Ratio Lower Upper

42 100

74 103.8 79.0 118.6

44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 139.606 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.011 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

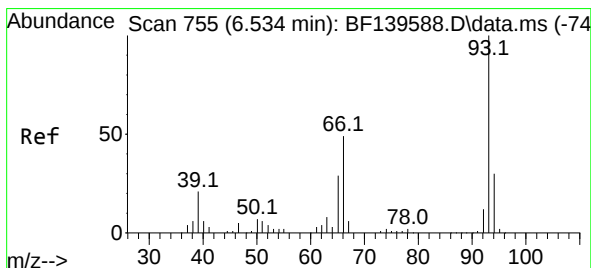
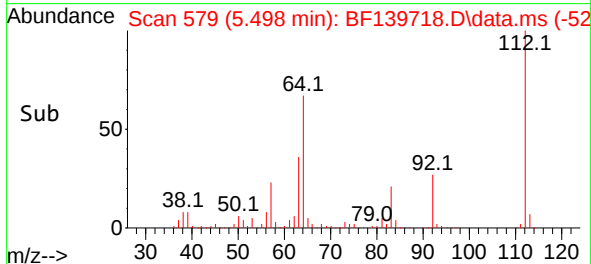
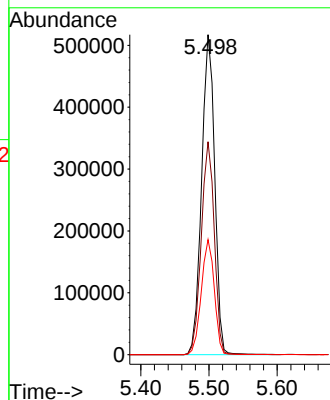
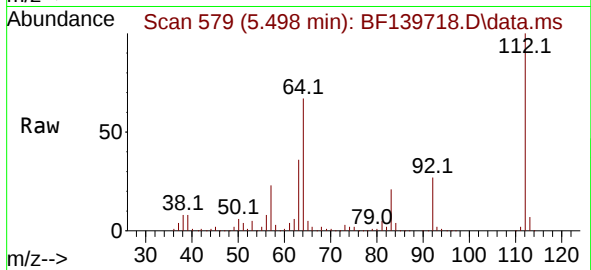
PB163987BSD

Tgt Ion:112 Resp: 691809
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 36.0 29.4 44.2

Manual Integrations

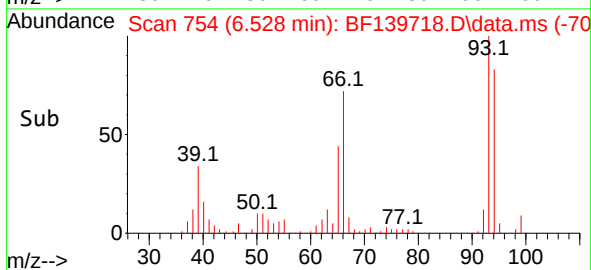
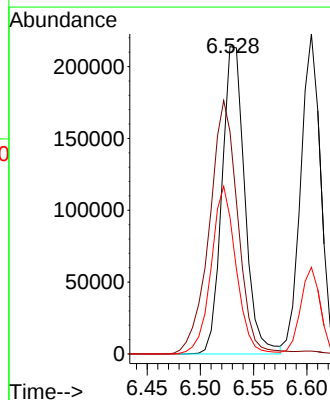
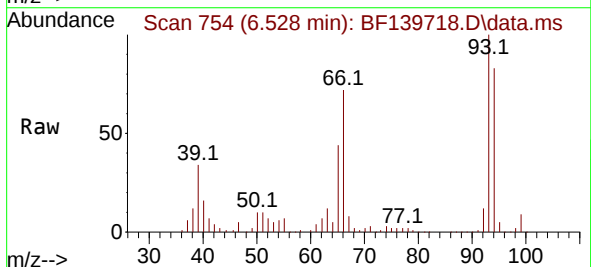
APPROVED

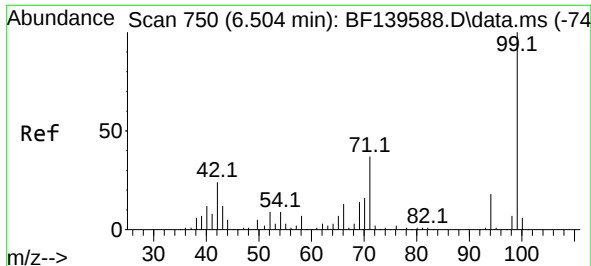
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 53.986 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

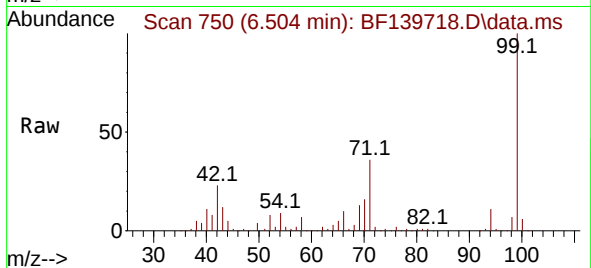
Tgt Ion: 93 Resp: 319243
Ion Ratio Lower Upper
93 100
66 72.4 40.9 61.3#
65 44.5 23.3 34.9#





#7
Phenol-d6
Concen: 135.051 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

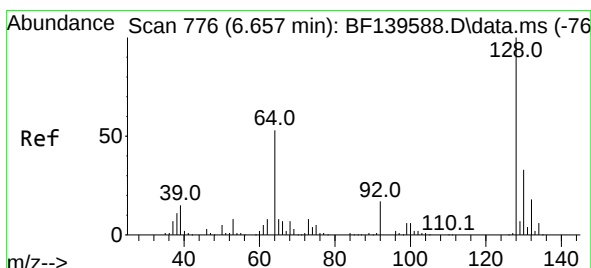
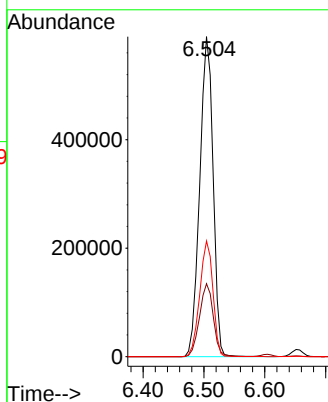
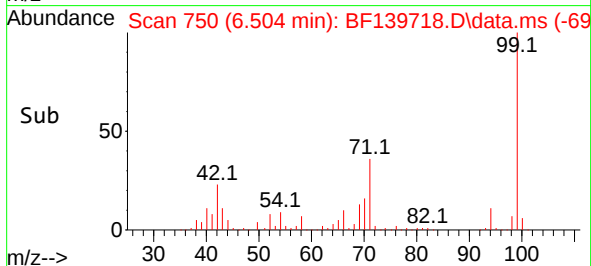
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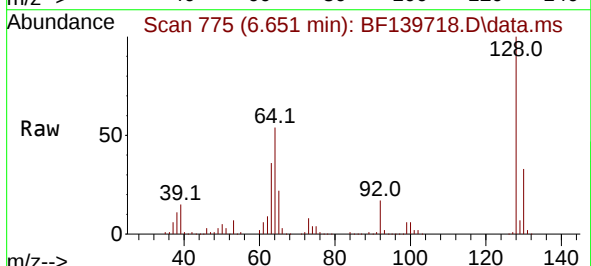
Tgt Ion: 99 Resp: 89998
Ion Ratio Lower Upper
99 100
42 22.8 19.1 28.7
71 36.1 29.7 44.5

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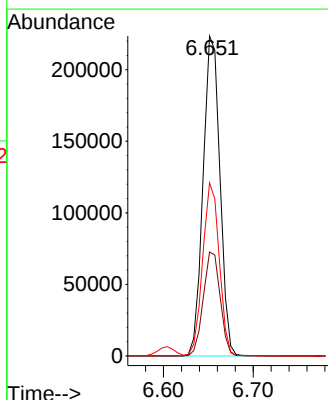
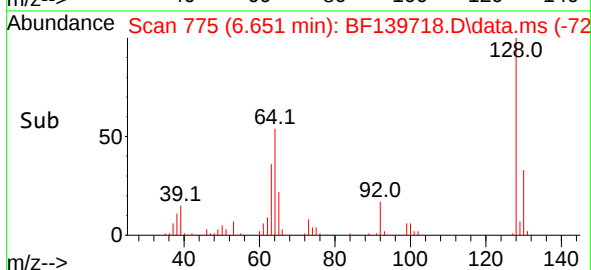
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#8
2-Chlorophenol
Concen: 54.999 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:128 Resp: 292000
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 54.1 35.1 75.1





#9
Benzaldehyde
Concen: 23.890 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

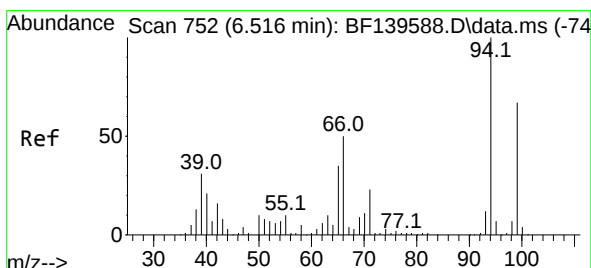
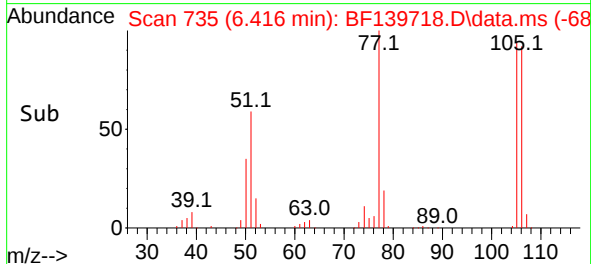
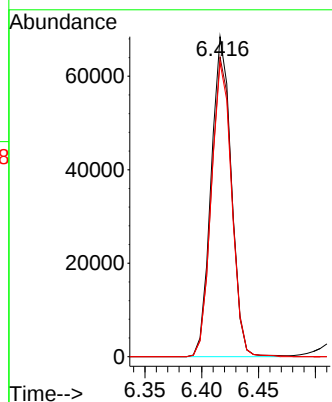
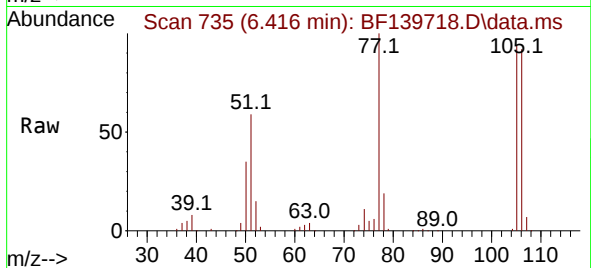
PB163987BSD

Tgt Ion: 77 Resp: 84334
Ion Ratio Lower Upper
77 100
105 93.6 72.7 112.7
106 91.9 70.1 110.1

Manual Integrations

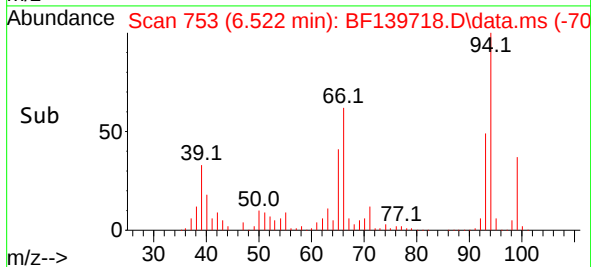
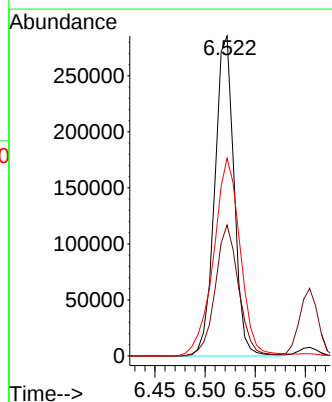
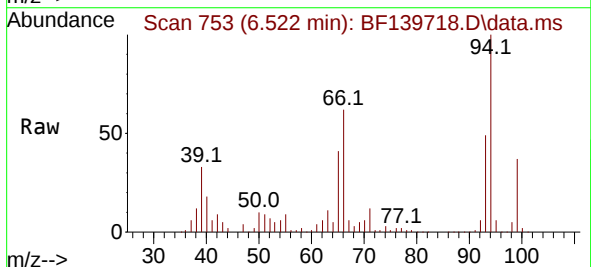
APPROVED

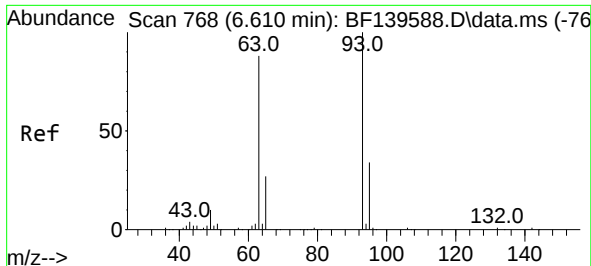
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#10
Phenol
Concen: 54.521 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion: 94 Resp: 382044
Ion Ratio Lower Upper
94 100
65 40.9 15.3 55.3
66 61.8 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 50.248 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

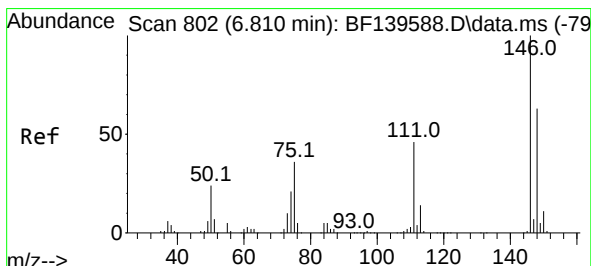
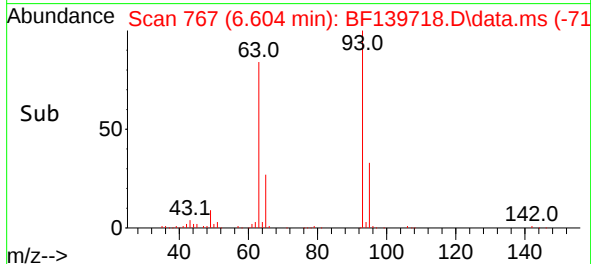
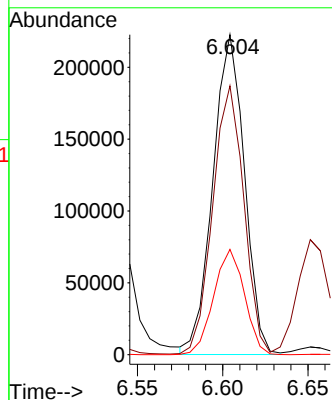
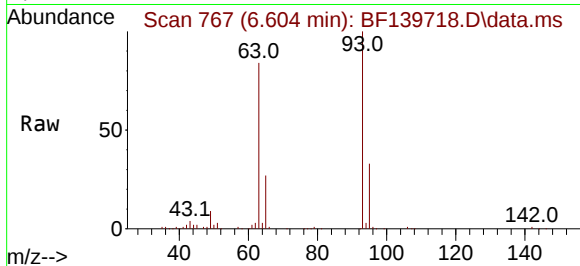
ClientSampleId :

PB163987BSD

Tgt Ion: 93 Resp: 286685
Ion Ratio Lower Upper
93 100
63 84.0 64.1 104.1
95 32.9 12.3 52.3

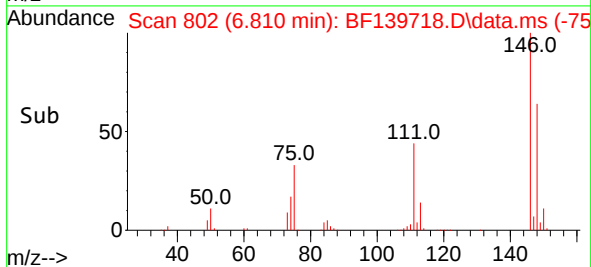
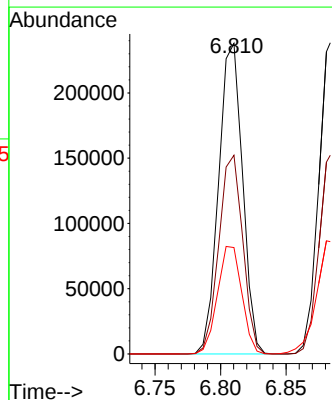
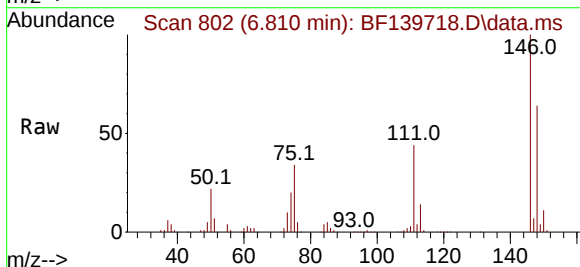
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 50.557 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:146 Resp: 301955
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 34.2 28.5 42.7





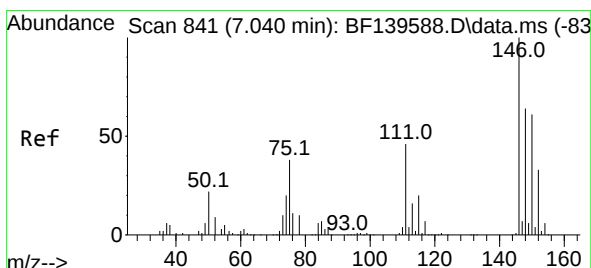
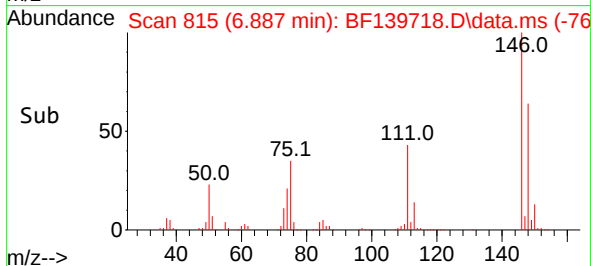
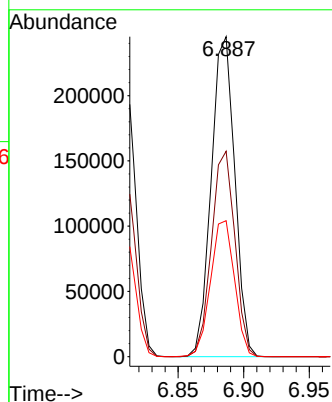
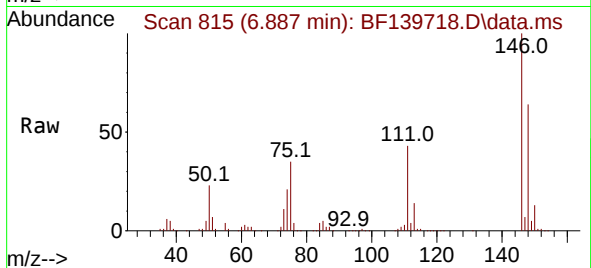
#13
1,4-Dichlorobenzene
Concen: 50.704 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB163987BSD

Tgt Ion:146 Resp: 30671
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.5 34.9 52.3

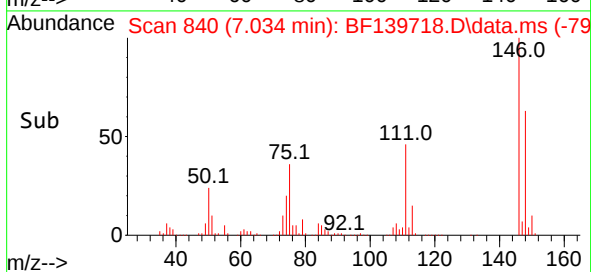
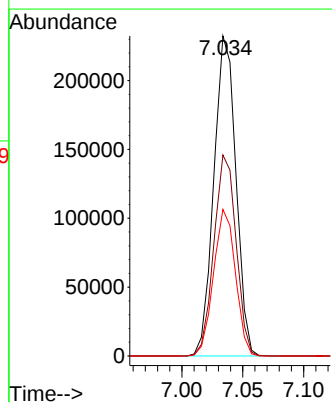
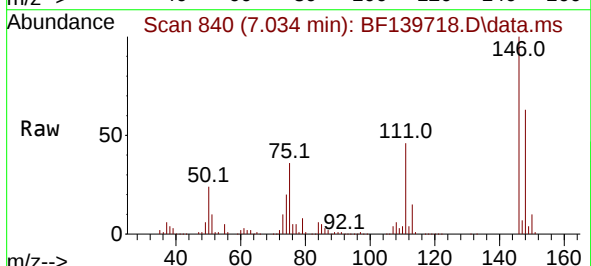
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 51.738 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:146 Resp: 293322
Ion Ratio Lower Upper
146 100
148 62.8 51.2 76.8
111 45.8 37.0 55.6





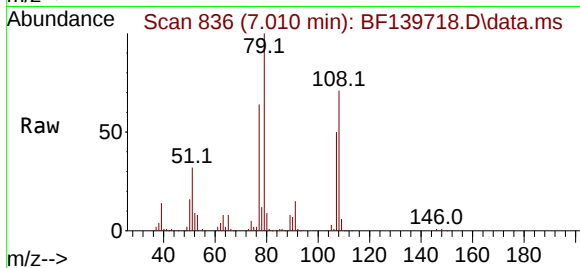
#15
Benzyl Alcohol
Concen: 52.502 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

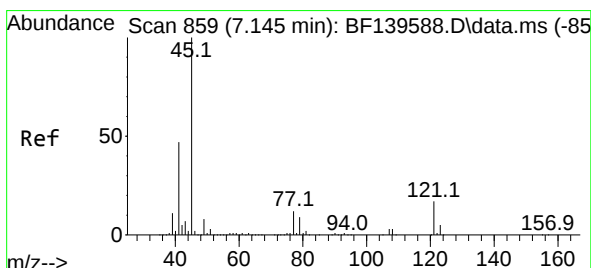
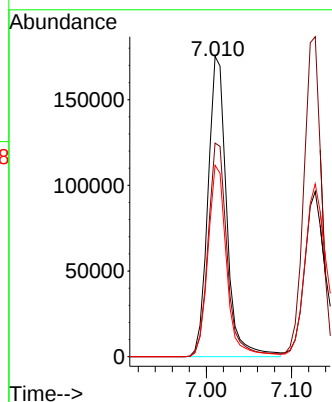
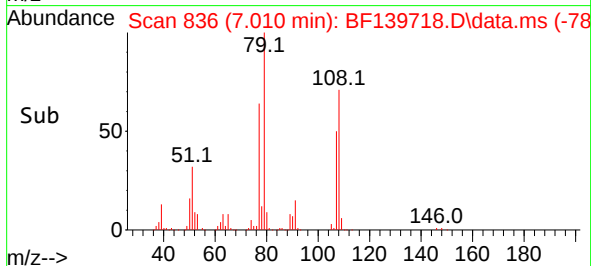


Tgt Ion: 79 Resp: 267328
Ion Ratio Lower Upper
79 100
108 71.2 55.1 82.7
77 63.8 50.8 76.2

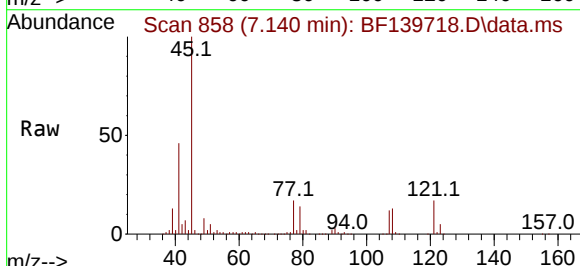
Manual Integrations

APPROVED

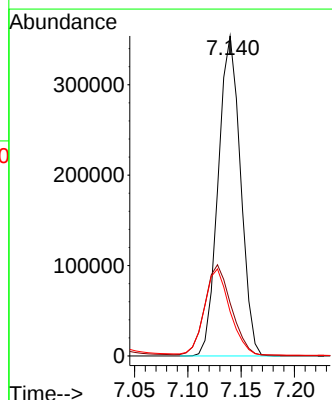
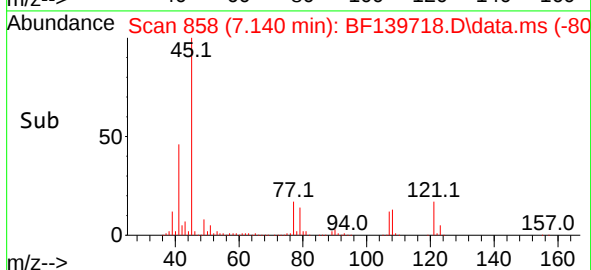
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

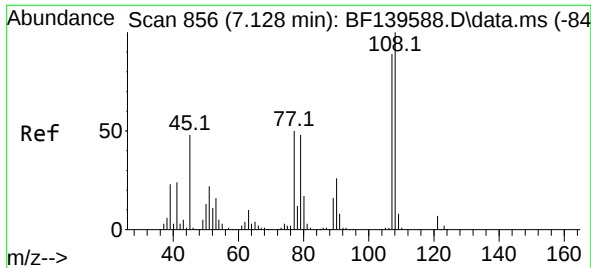


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.093 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



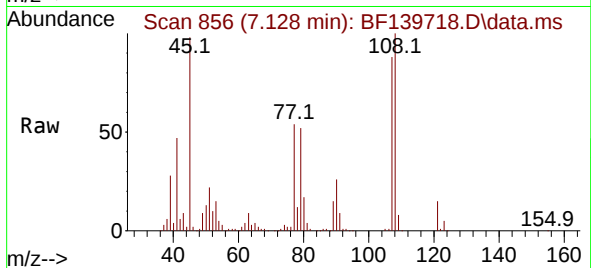
Tgt Ion: 45 Resp: 514522
Ion Ratio Lower Upper
45 100
77 16.6 0.0 32.5
79 13.9 0.0 29.7





#17
2-Methylphenol
Concen: 53.696 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

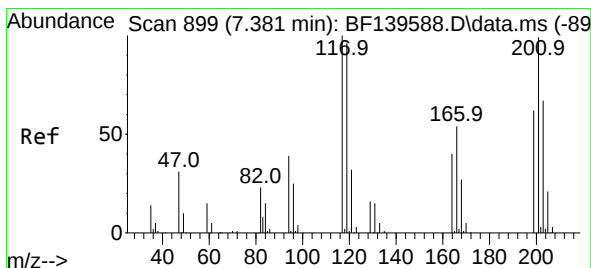
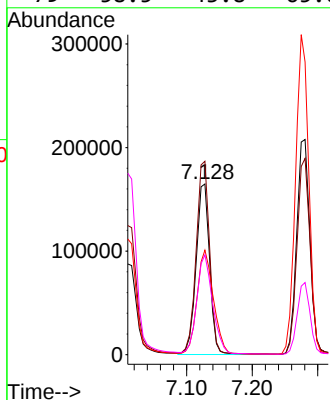
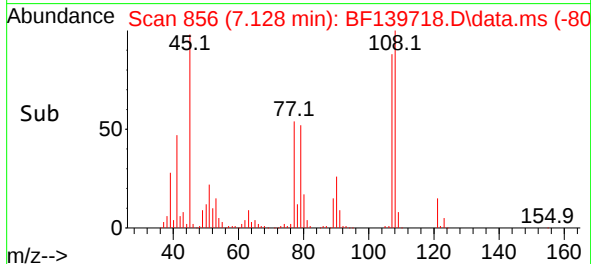
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:107 Resp: 237993
Ion Ratio Lower Upper
107 100
108 113.3 89.8 134.6
77 61.2 44.6 67.0
79 58.5 43.8 65.6

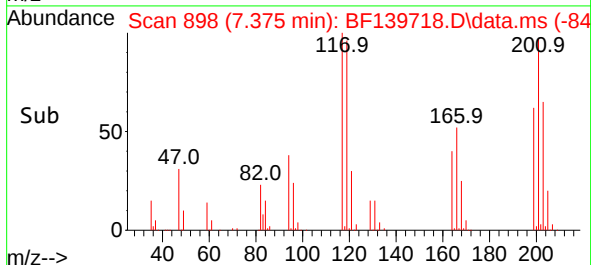
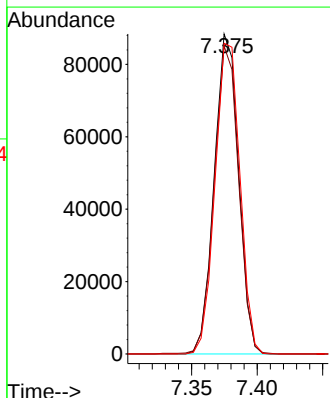
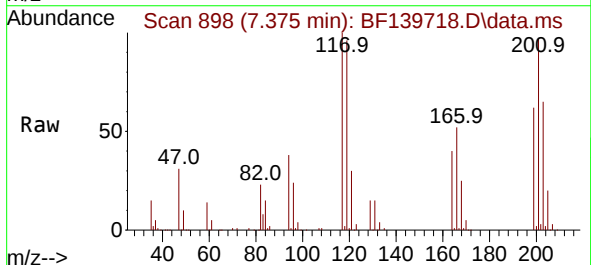
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 50.515 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:117 Resp: 113976
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6
201 97.1 79.2 118.8





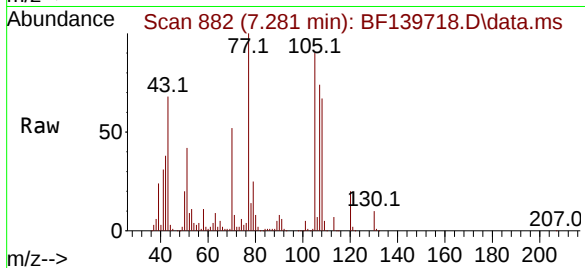
#19
n-Nitroso-di-n-propylamine
Concen: 50.980 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



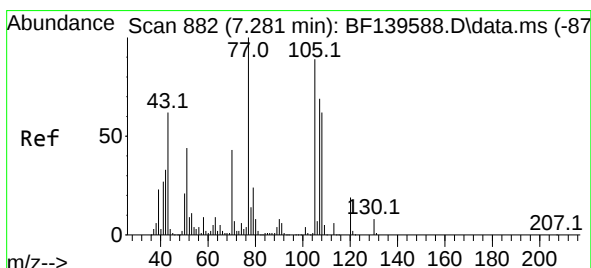
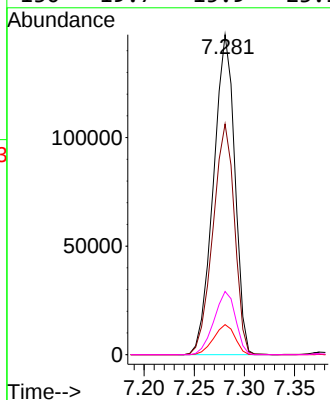
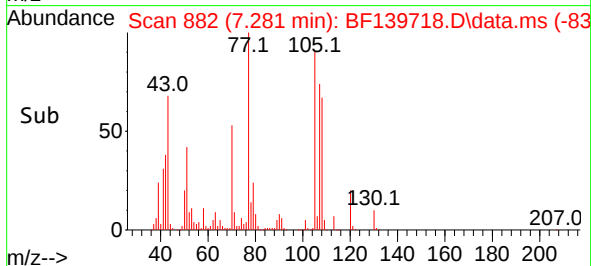
Tgt Ion: 70 Resp: 21841
Ion Ratio Lower Upper
70 100
42 72.1 58.0 87.0
101 9.4 7.8 11.8
130 19.7 15.9 23.9

Manual Integrations

APPROVED

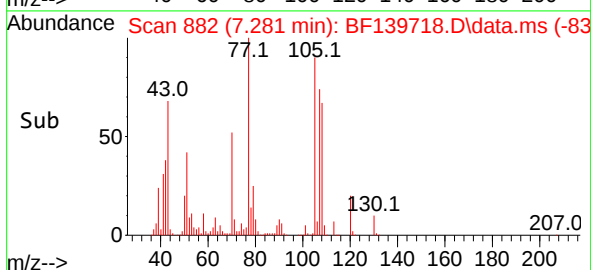
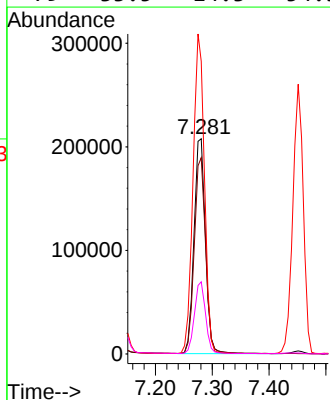
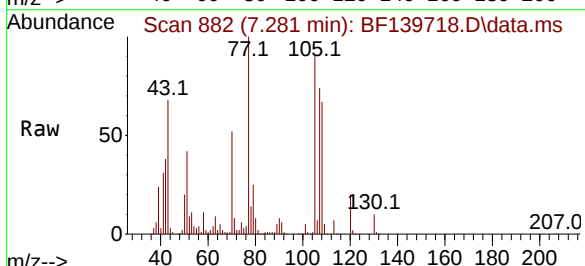
Reviewed By :Yogesh Patel 10/10/2024

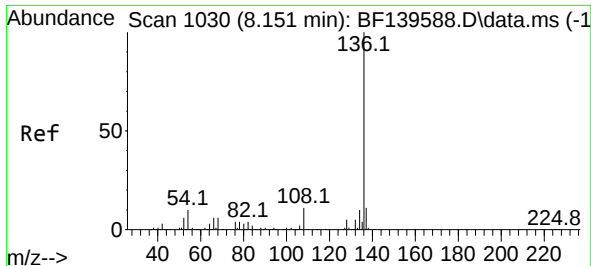
Supervised By :mohammad ahmed 10/10/2024



#20
3+4-Methylphenols
Concen: 52.308 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:107 Resp: 291202
Ion Ratio Lower Upper
107 100
108 91.2 70.2 110.2
77 136.0 125.3 165.3
79 33.5 14.3 54.3





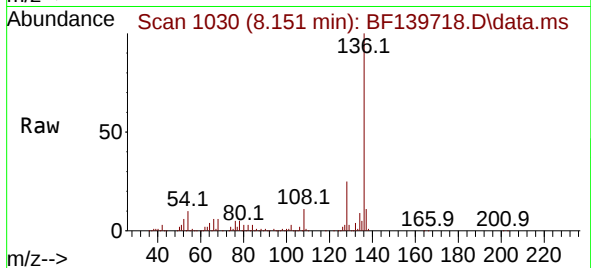
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



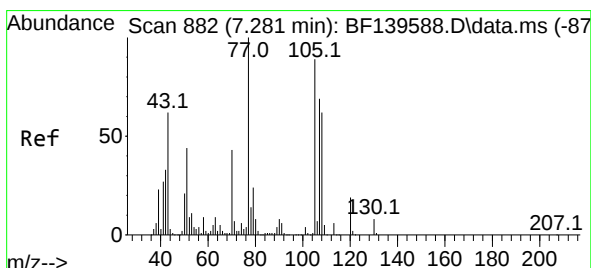
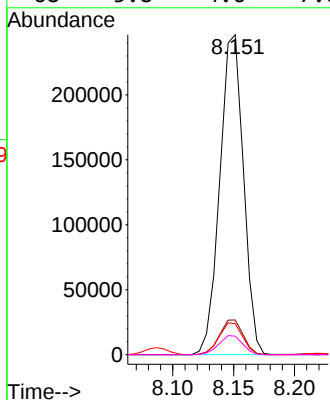
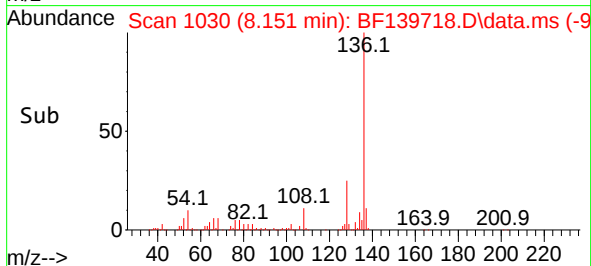
Tgt Ion:136 Resp: 332970
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.3 12.5
68 5.8 4.6 7.0

Manual Integrations

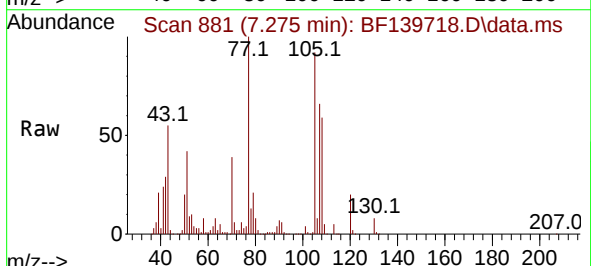
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

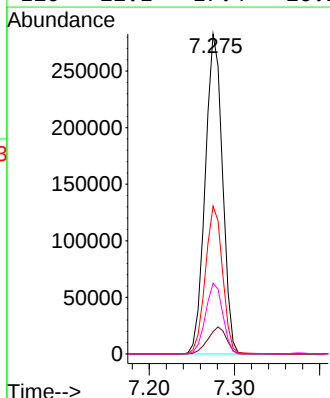
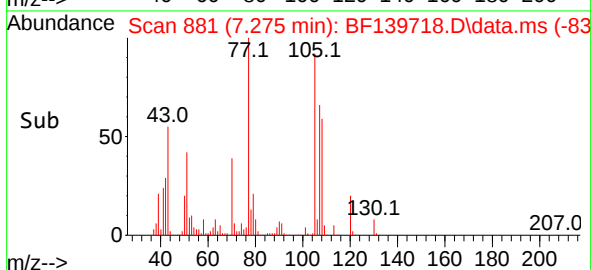
Supervised By :mohammad ahmed 10/10/2024

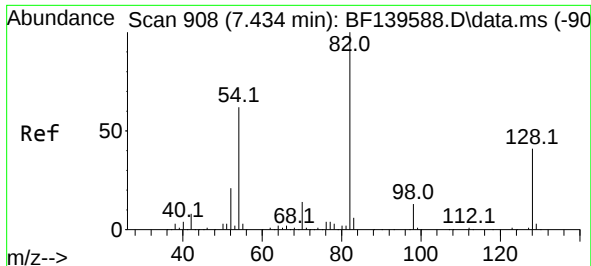


#22
Acetophenone
Concen: 50.339 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:105 Resp: 397870
Ion Ratio Lower Upper
105 100
71 7.0 6.6 10.0
51 46.2 39.4 59.0
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 90.509 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139718.D

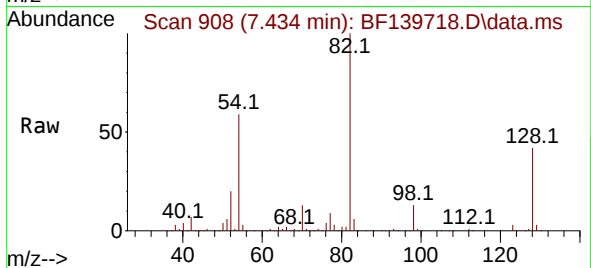
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



Tgt Ion: 82 Resp: 595240

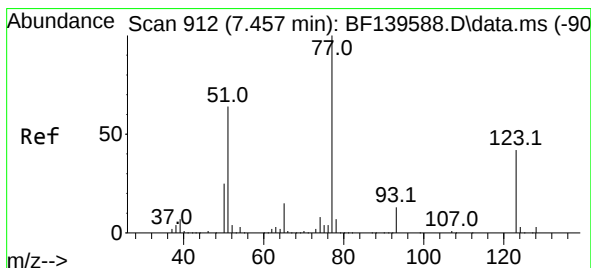
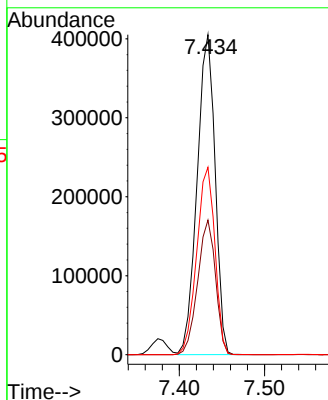
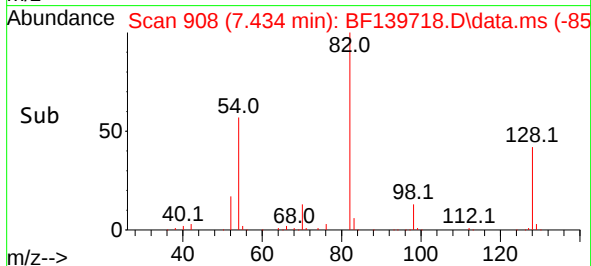
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.4	48.6
54	58.5	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#24

Nitrobenzene

Concen: 48.655 ng

RT: 7.451 min Scan# 911

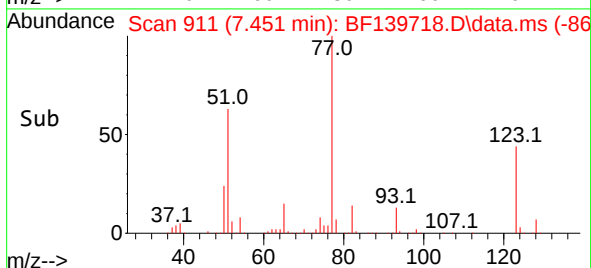
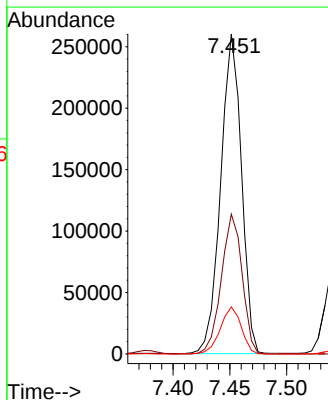
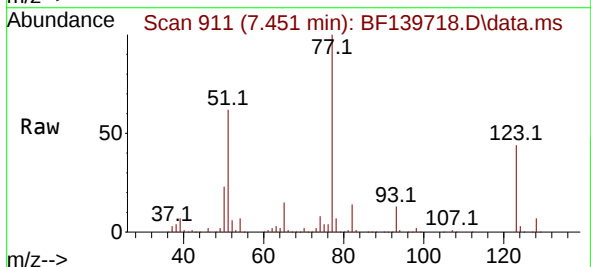
Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion: 77 Resp: 331343

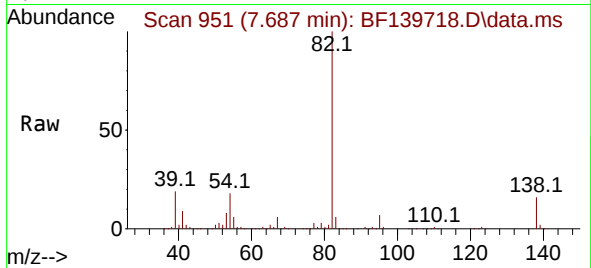
Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.2	51.4
65	14.7	12.1	18.1





#25
Isophorone
Concen: 50.771 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

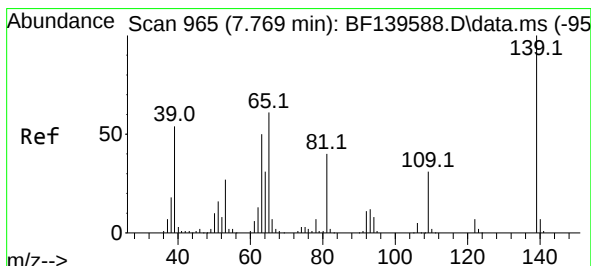
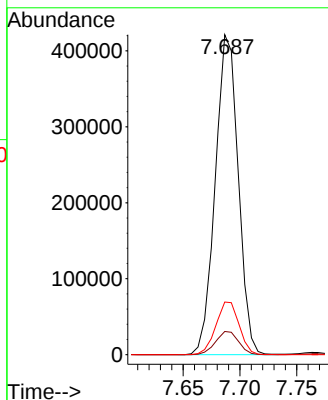
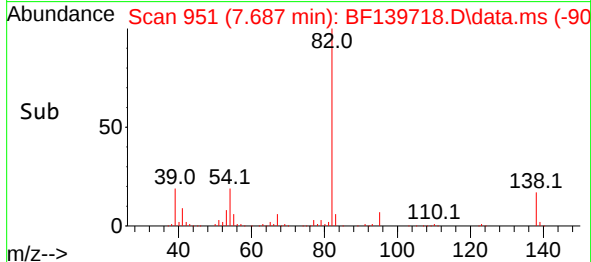
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion: 82 Resp: 59305
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.5 13.4 20.2

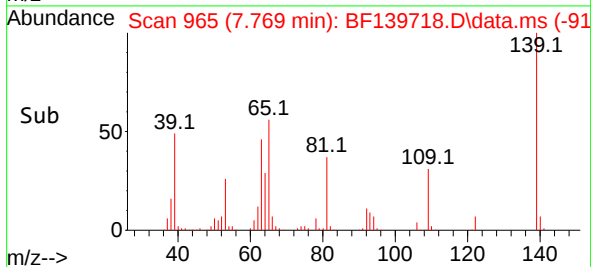
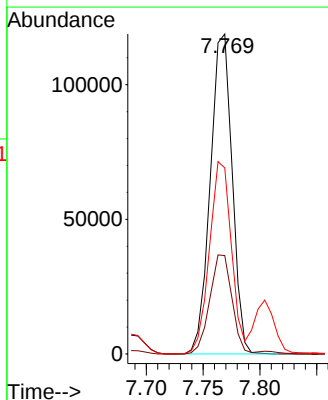
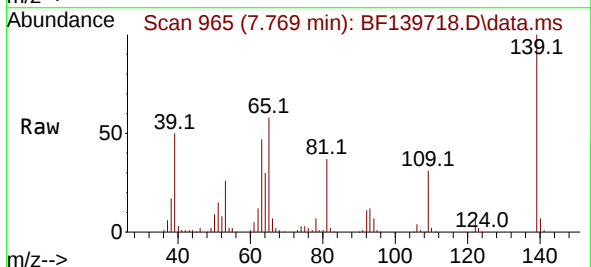
Manual Integrations
APPROVED

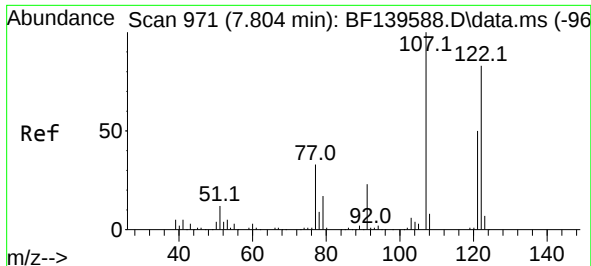
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 54.373 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:139 Resp: 159185
Ion Ratio Lower Upper
139 100
109 30.8 24.9 37.3
65 58.2 48.6 72.8





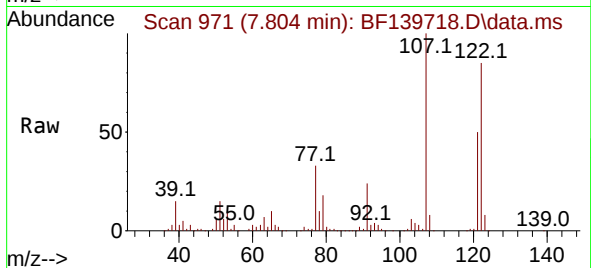
#27
2,4-Dimethylphenol
Concen: 62.226 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

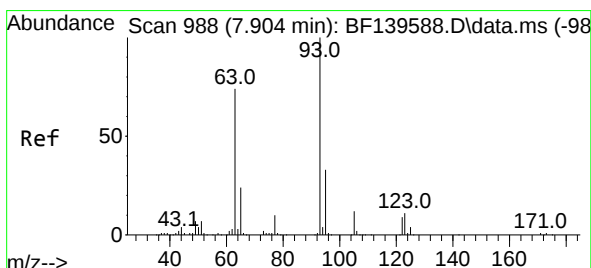
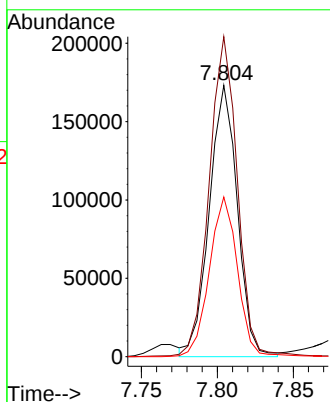
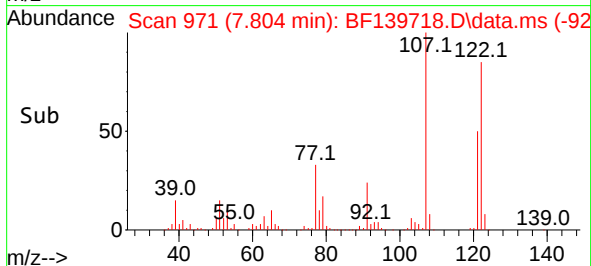


Tgt Ion:122 Resp: 223018
Ion Ratio Lower Upper
122 100
107 117.9 95.4 143.0
121 58.8 47.4 71.2

Manual Integrations

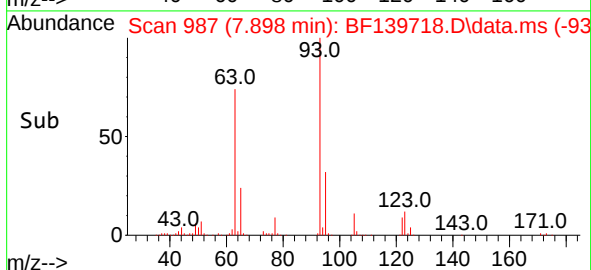
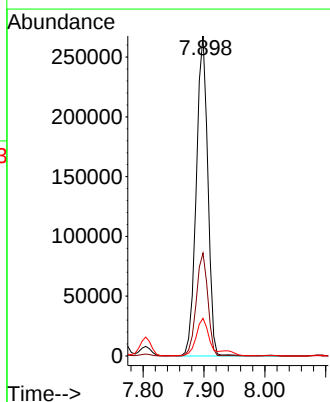
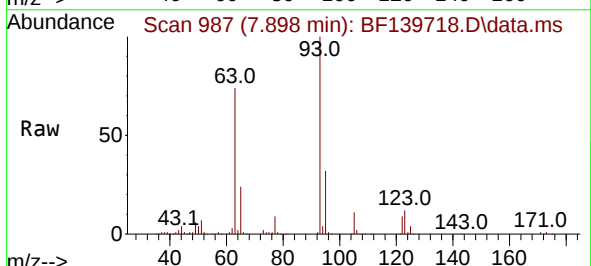
APPROVED

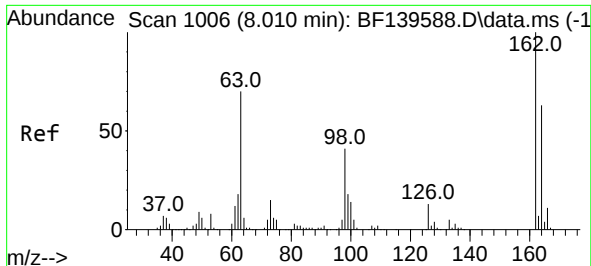
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.367 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion: 93 Resp: 351319
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.450 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:162 Resp: 24519

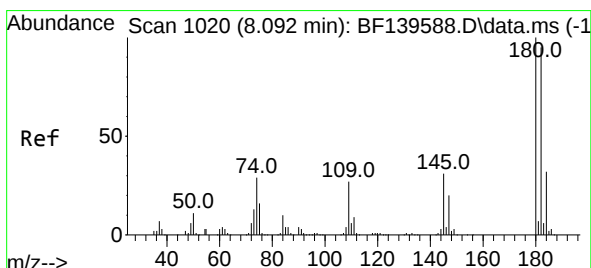
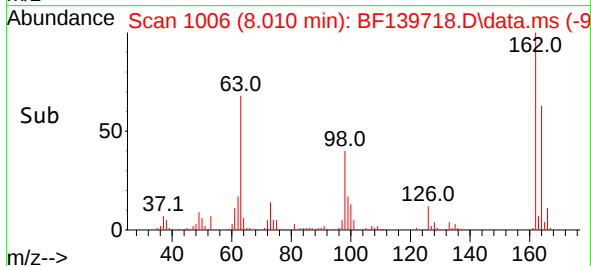
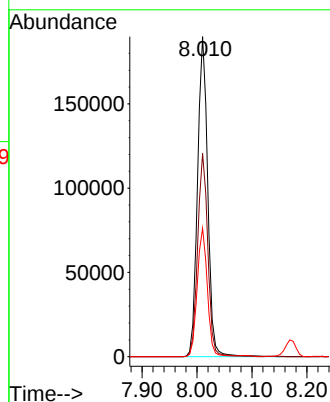
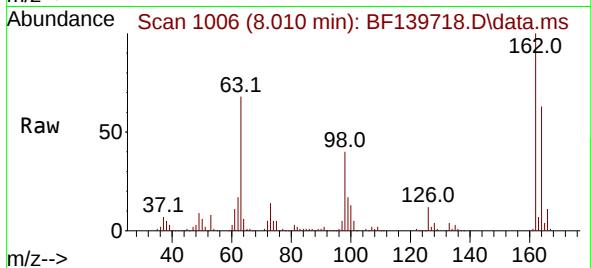
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.1	83.1
98	40.1	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.681 ng

RT: 8.087 min Scan# 1019

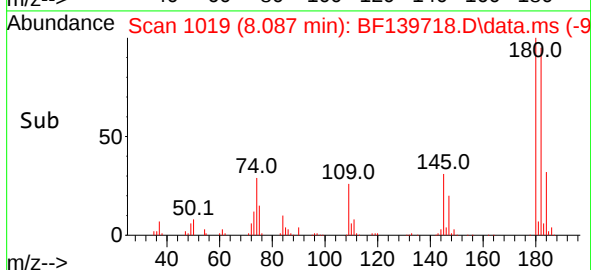
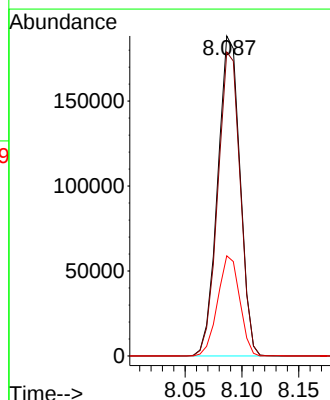
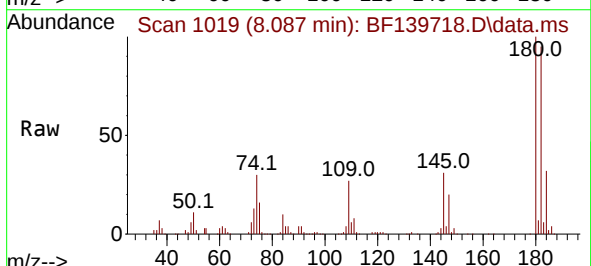
Delta R.T. -0.006 min

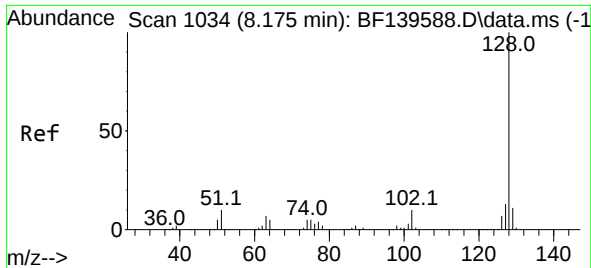
Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:180 Resp: 257365

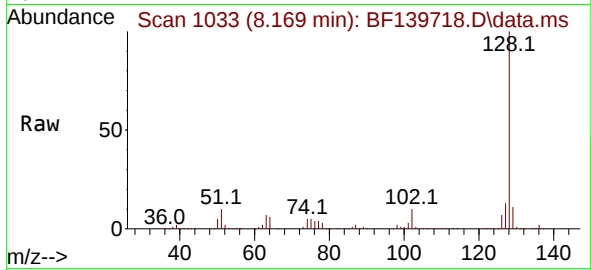
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	31.3	25.0	37.6





#31
Naphthalene
Concen: 50.627 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

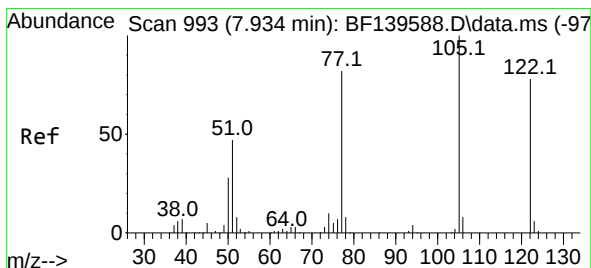
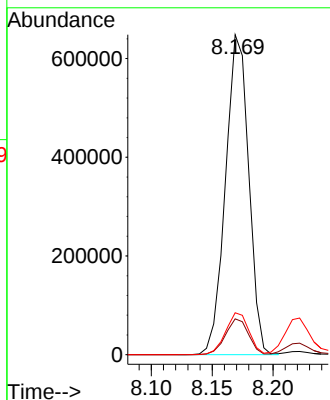
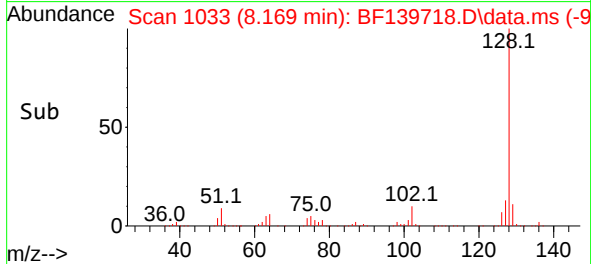
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



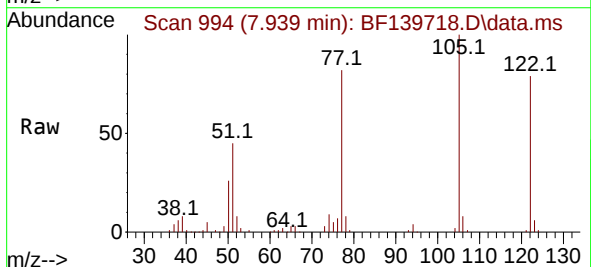
Tgt Ion:128 Resp: 861900
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations
APPROVED

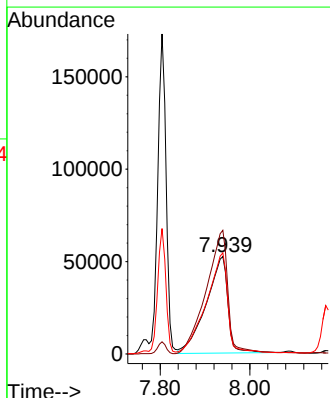
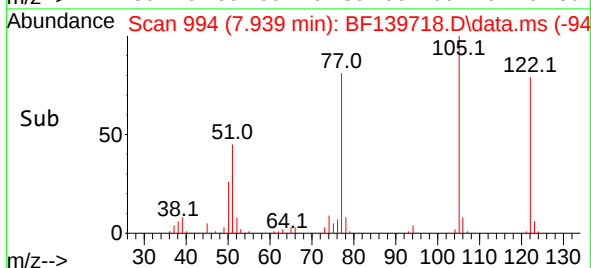
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

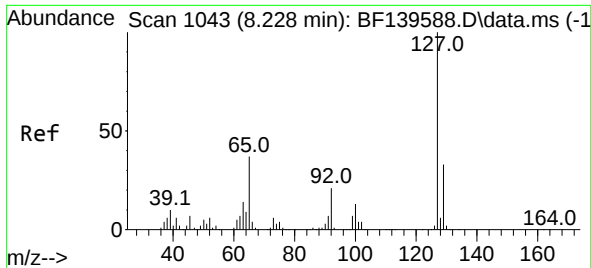


#32
Benzoic acid
Concen: 49.215 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:122 Resp: 175392
Ion Ratio Lower Upper
122 100
105 126.9 104.9 144.9
77 103.8 82.7 122.7





#33
4-Chloroaniline
Concen: 21.290 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

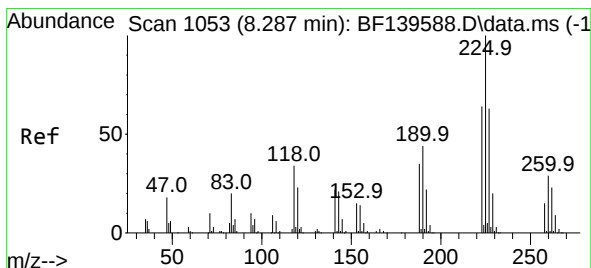
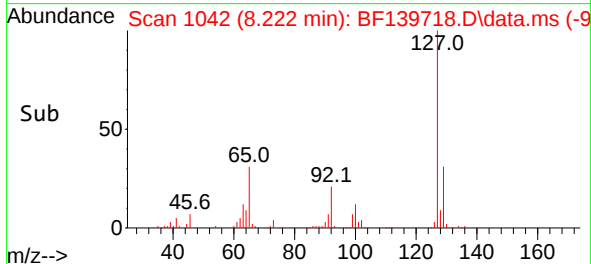
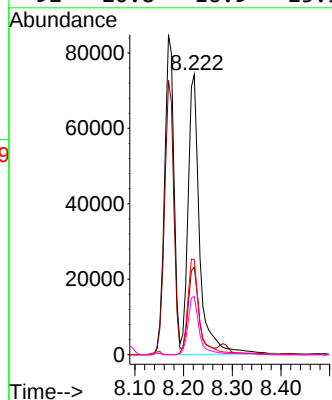
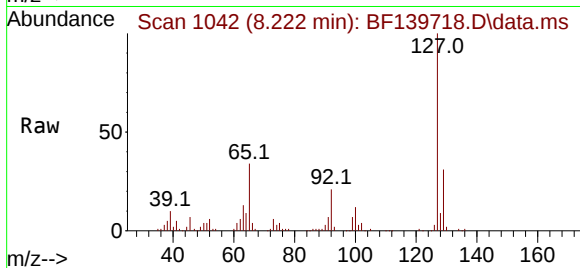
PB163987BSD

Tgt Ion:127 Resp: 12269
Ion Ratio Lower Upper
127 100
129 31.3 26.2 39.4
65 33.9 29.3 43.9
92 20.8 16.9 25.3

Manual Integrations

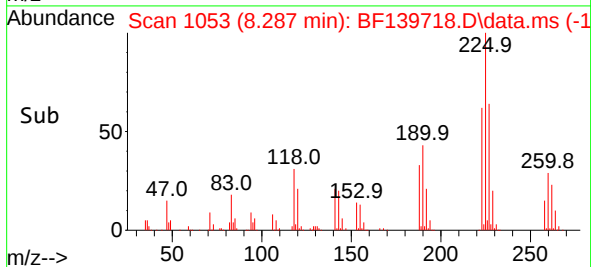
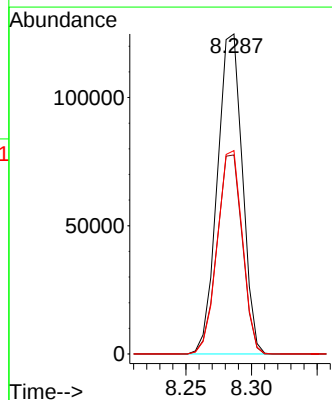
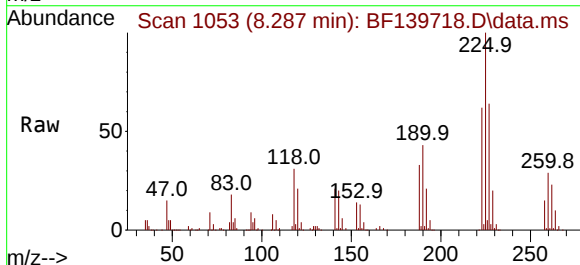
APPROVED

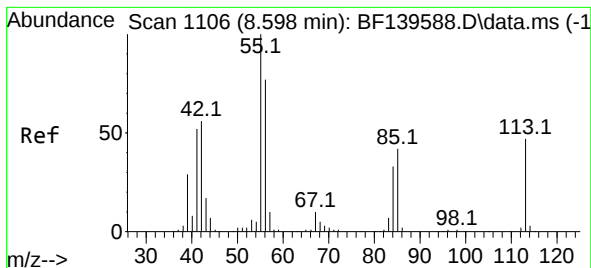
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 48.406 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:225 Resp: 165609
Ion Ratio Lower Upper
225 100
223 62.2 50.9 76.3
227 63.5 50.7 76.1





#35

Caprolactam

Concen: 48.490 ng m

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

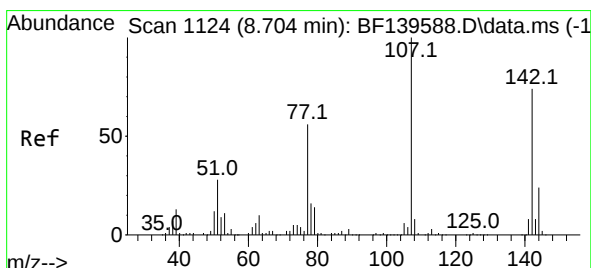
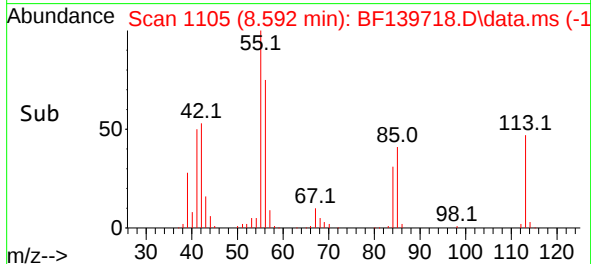
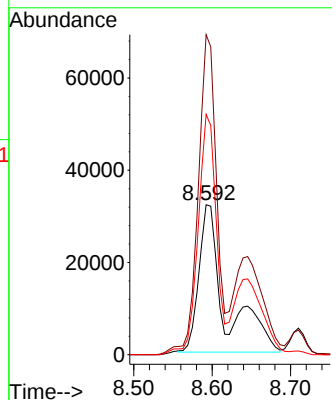
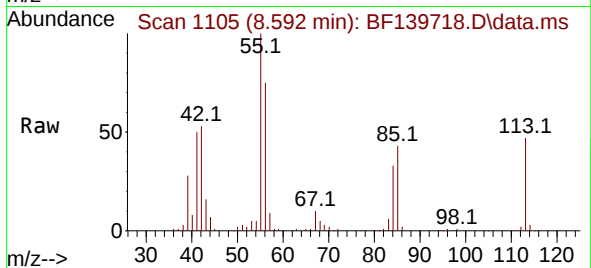
Tgt Ion:	113	Resp:	74350
Ion Ratio	Lower	Upper	
113	100		
55	213.5	193.4	233.4
56	160.3	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#36

4-Chloro-3-methylphenol

Concen: 50.543 ng

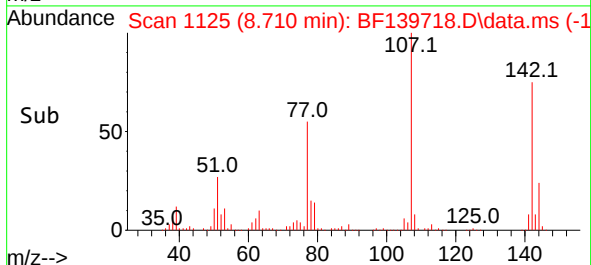
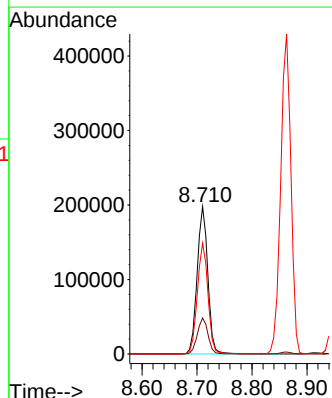
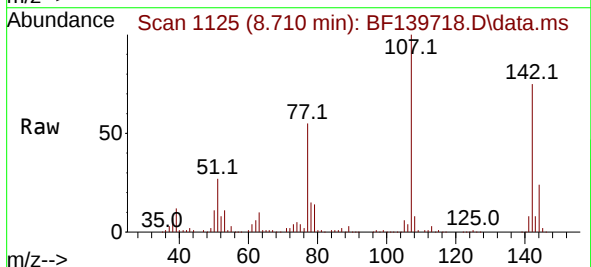
RT: 8.710 min Scan# 1125

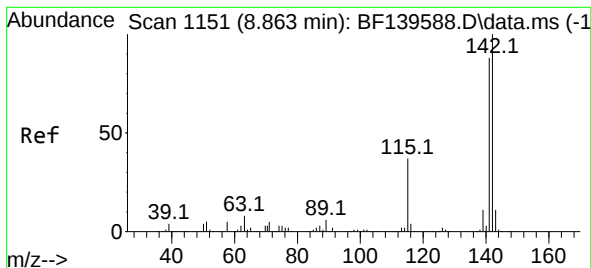
Delta R.T. 0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:	107	Resp:	267470
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.0	28.6
142	75.2	59.2	88.8





#37

2-Methylnaphthalene

Concen: 50.129 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:142 Resp: 55583

Ion Ratio Lower Upper

142 100

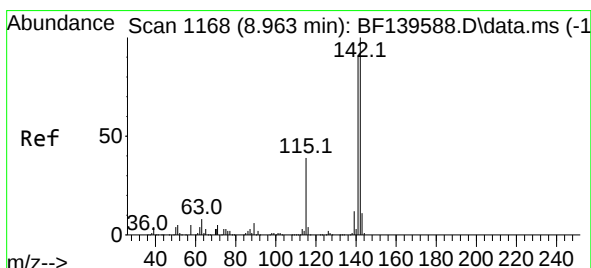
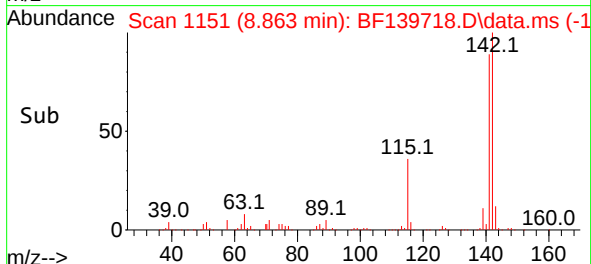
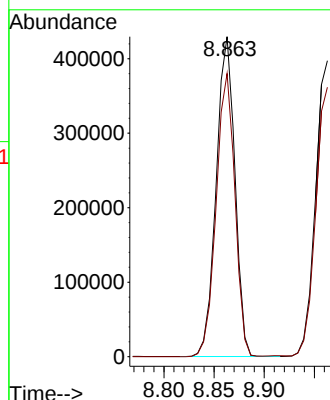
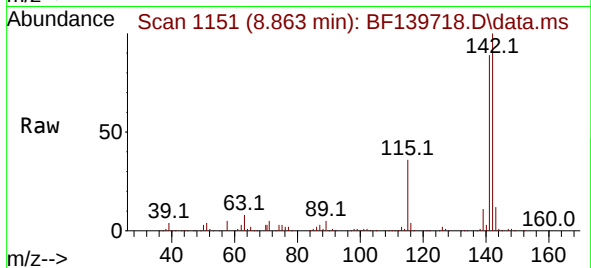
141 88.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#38

1-Methylnaphthalene

Concen: 47.943 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139718.D

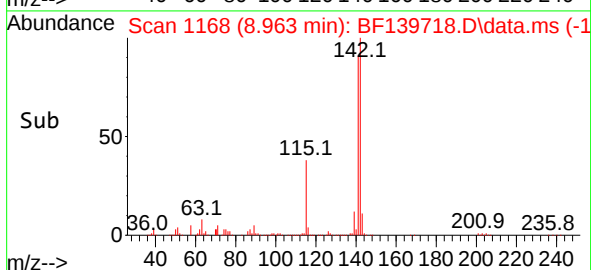
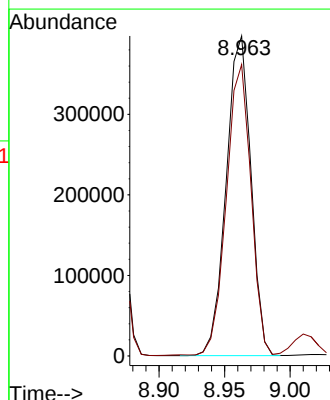
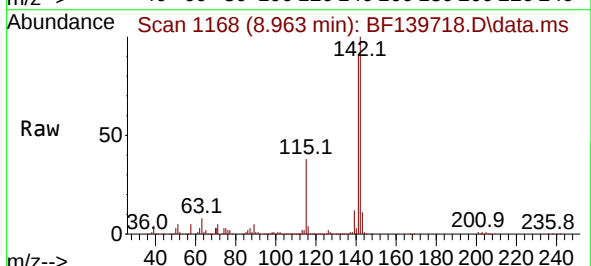
Acq: 09 Oct 2024 13:07

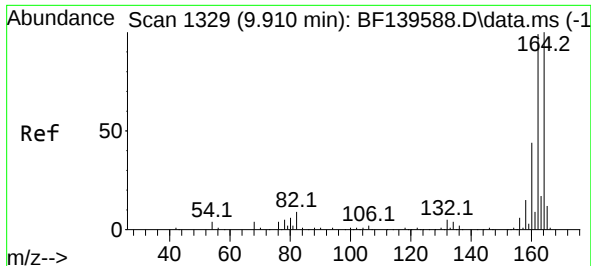
Tgt Ion:142 Resp: 519622

Ion Ratio Lower Upper

142 100

141 91.0 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11328

Delta R.T. -0.006 min

Lab File: BF139718.D

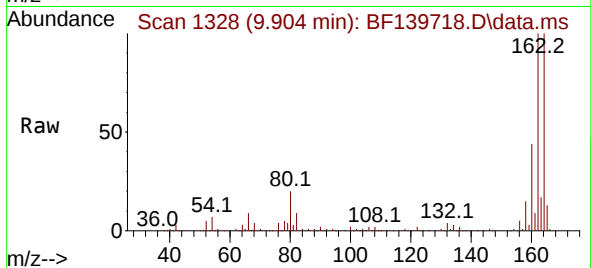
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



Tgt Ion:164 Resp: 18657

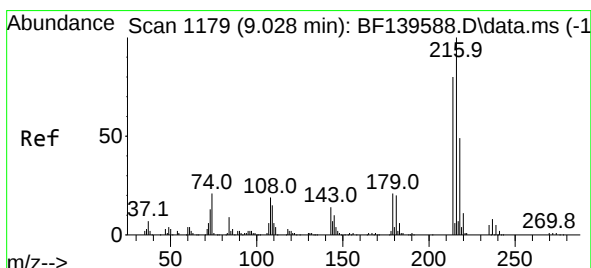
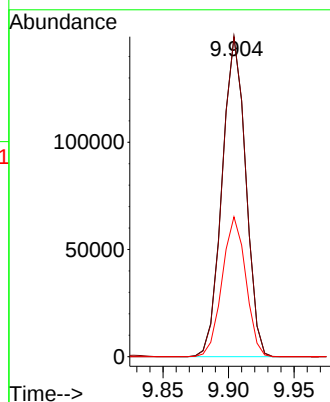
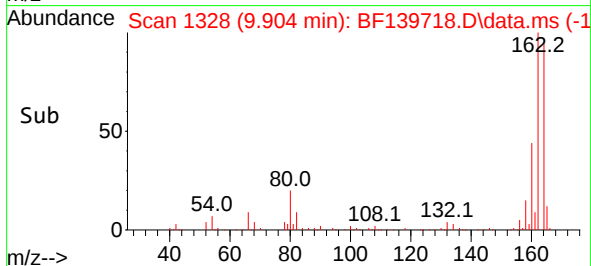
Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	43.7	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.621 ng

RT: 9.028 min Scan# 1179

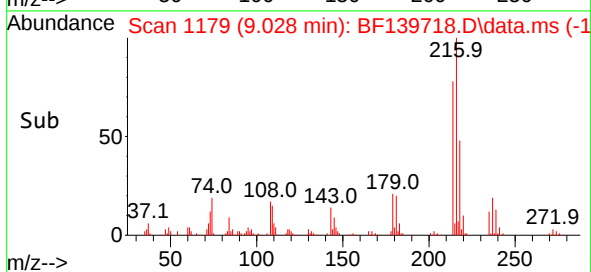
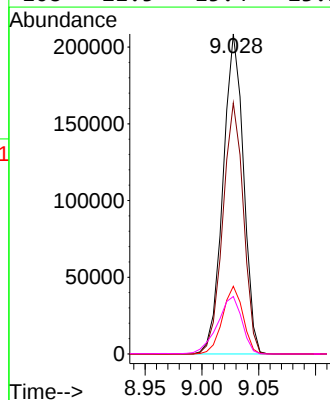
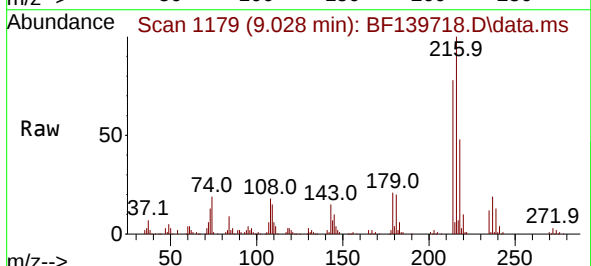
Delta R.T. -0.000 min

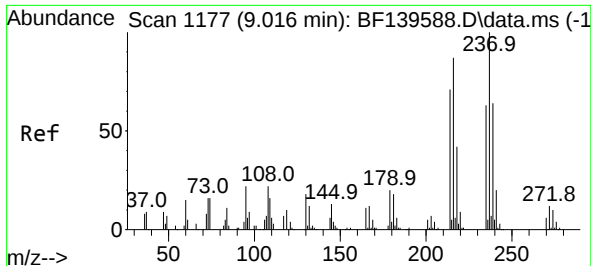
Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:216 Resp: 262259

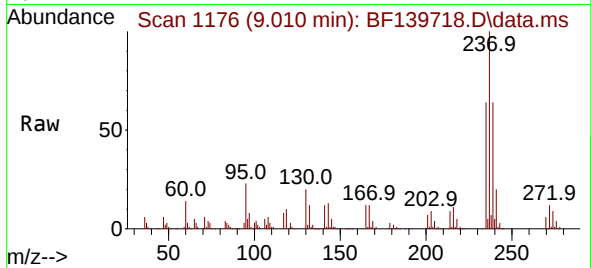
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	21.0	16.9	25.3
108	21.5	15.4	23.2





#41
Hexachlorocyclopentadiene
Concen: 189.252 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

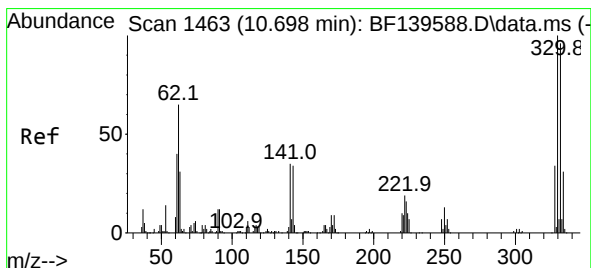
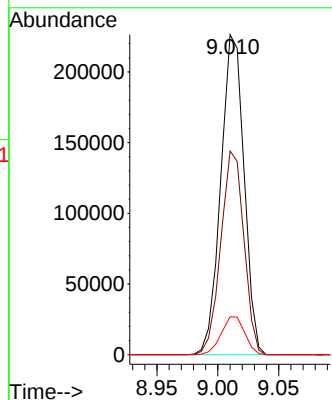
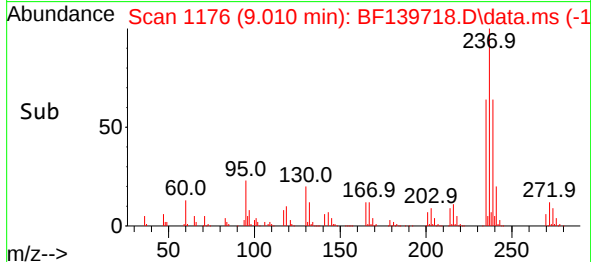
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



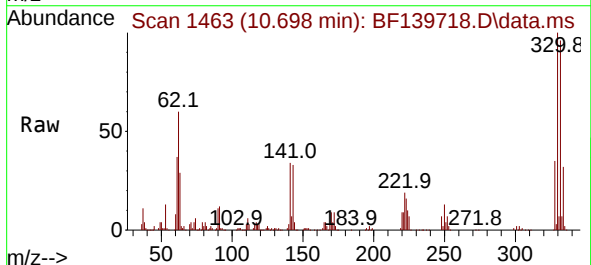
Tgt Ion:237 Resp: 30064
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 11.9 0.0 32.1

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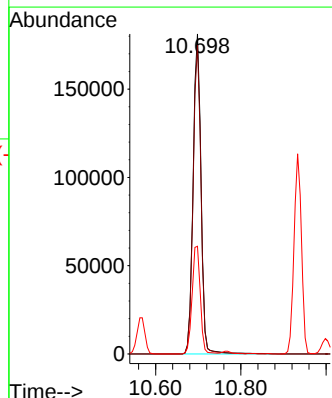
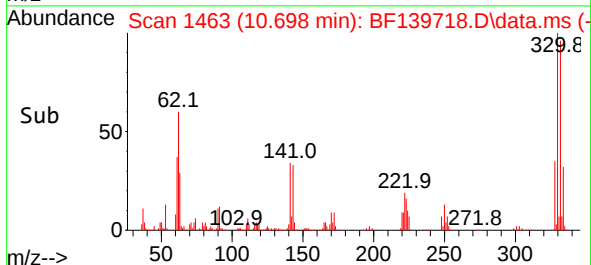
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#42
2,4,6-Tribromophenol
Concen: 129.926 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:330 Resp: 234001
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 34.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 50.811 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139718.D

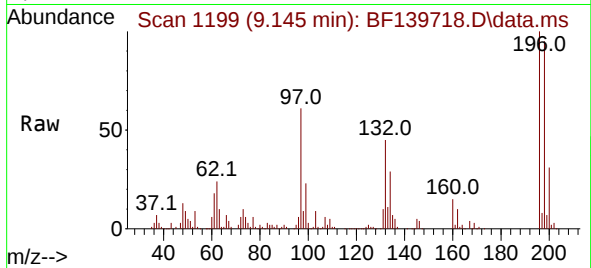
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



Tgt Ion:196 Resp: 177458

Ion Ratio Lower Upper

196 100

198 95.3 75.2 112.8

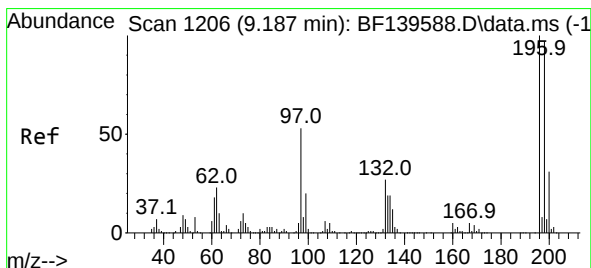
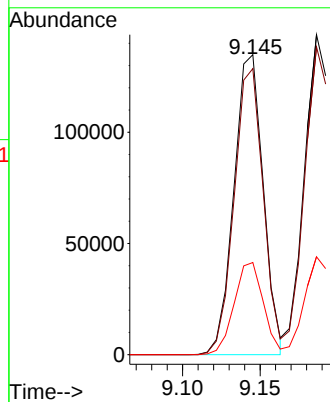
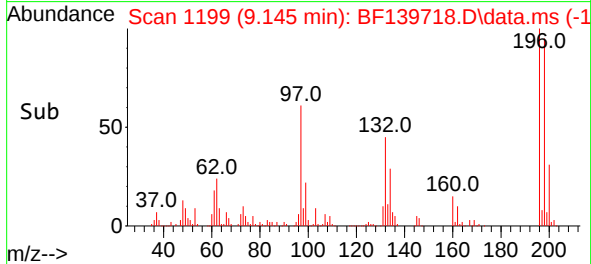
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#44

2,4,5-Trichlorophenol

Concen: 50.221 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:196 Resp: 189154

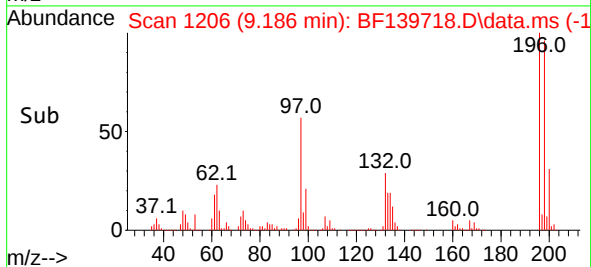
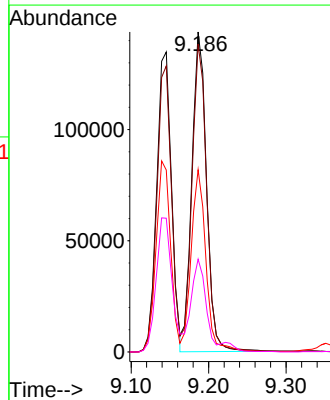
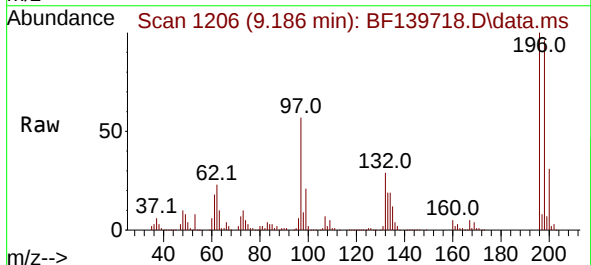
Ion Ratio Lower Upper

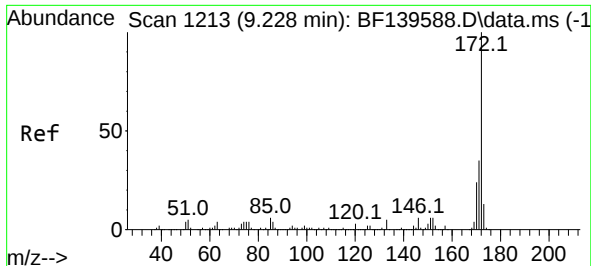
196 100

198 96.2 77.5 116.3

97 56.9 43.1 64.7

132 29.0 22.2 33.4





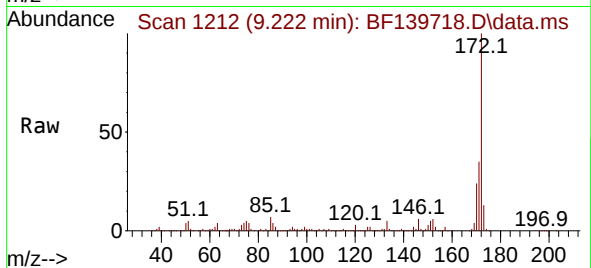
#45
2-Fluorobiphenyl
Concen: 89.644 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



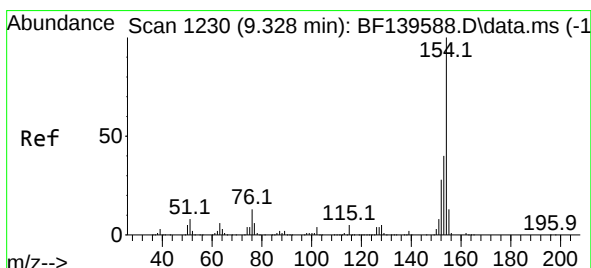
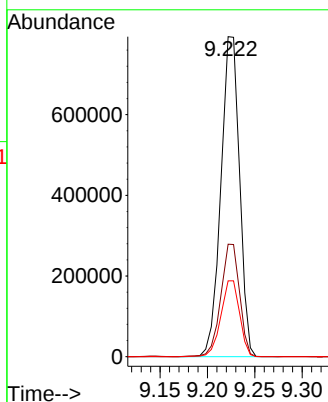
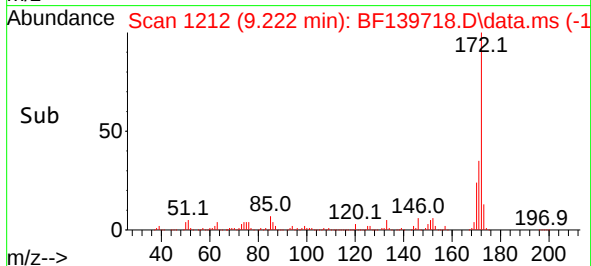
Tgt Ion:172 Resp: 108944
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.7 18.8 28.2

Manual Integrations

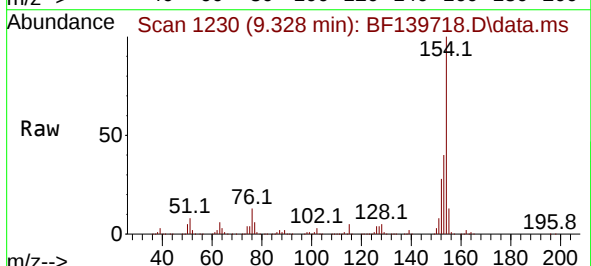
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

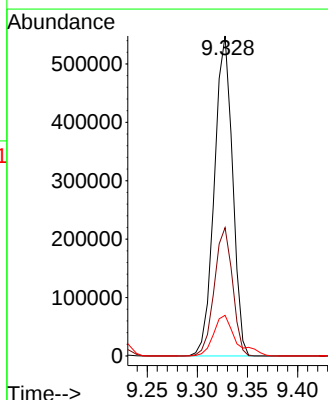
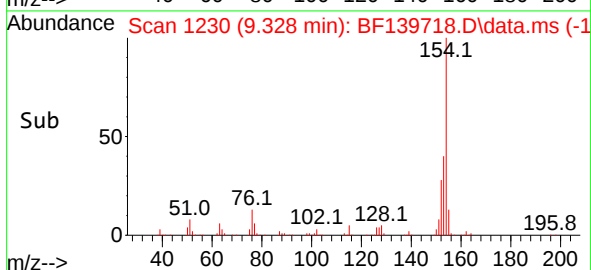
Supervised By :mohammad ahmed 10/10/2024

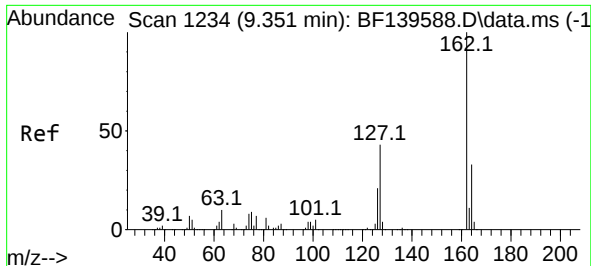


#46
1,1'-Biphenyl
Concen: 49.770 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:154 Resp: 690634
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.7 0.0 32.6





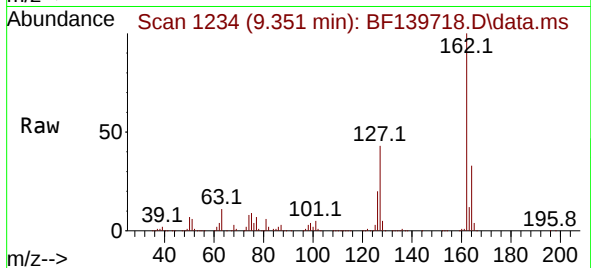
#47
2-Chloronaphthalene
Concen: 49.837 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



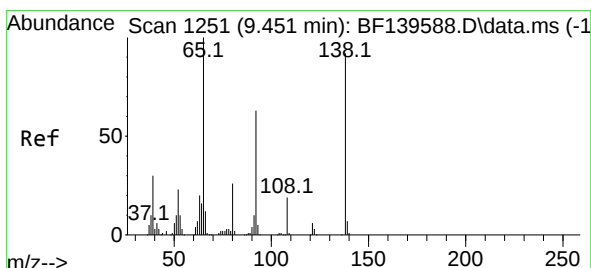
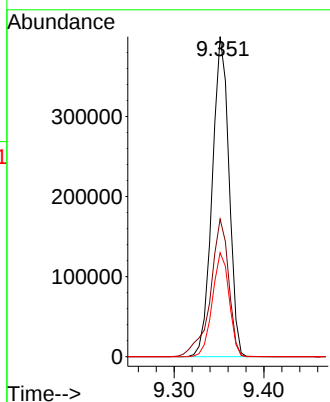
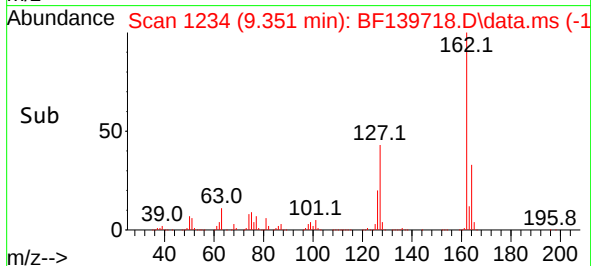
Tgt Ion:162 Resp: 51845
Ion Ratio Lower Upper
162 100
127 43.0 35.0 52.4
164 32.5 26.1 39.1

Manual Integrations

APPROVED

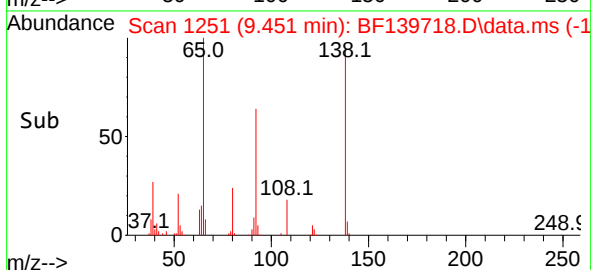
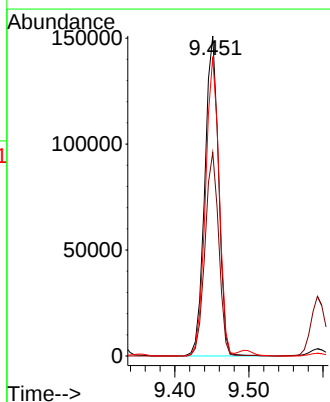
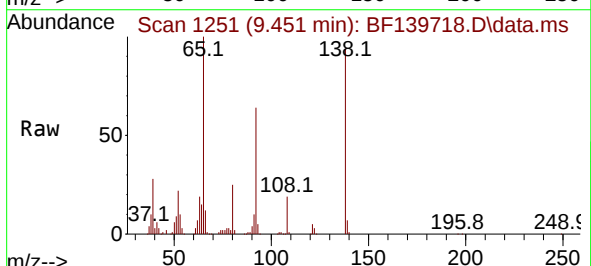
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 52.431 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion: 65 Resp: 195795
Ion Ratio Lower Upper
65 100
92 63.6 50.0 75.0
138 93.5 73.8 110.8





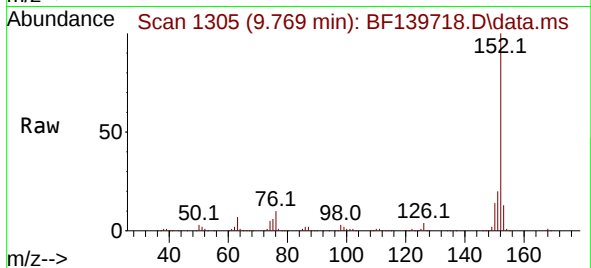
#49
Acenaphthylene
Concen: 54.031 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



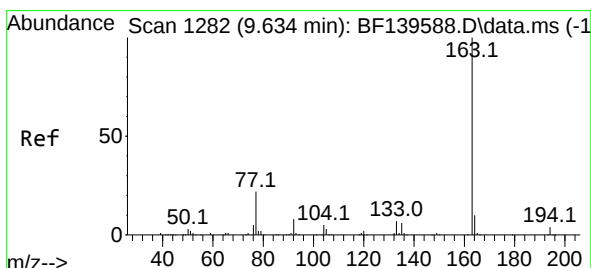
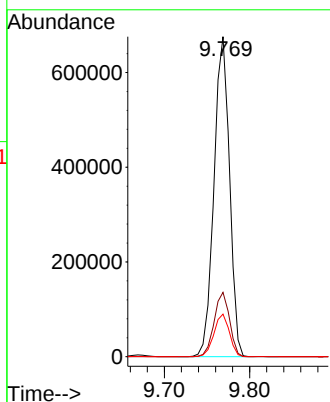
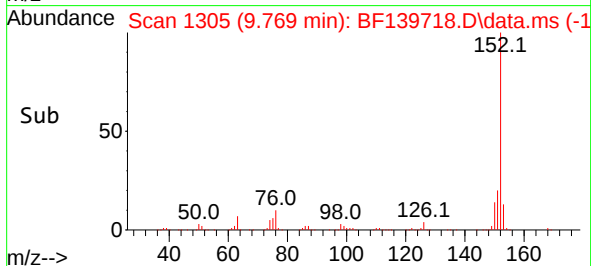
Tgt Ion:152 Resp: 854792
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.5 15.7

Manual Integrations

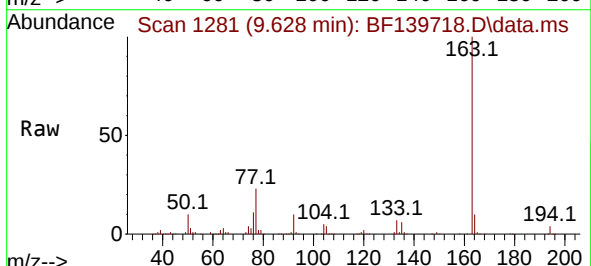
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

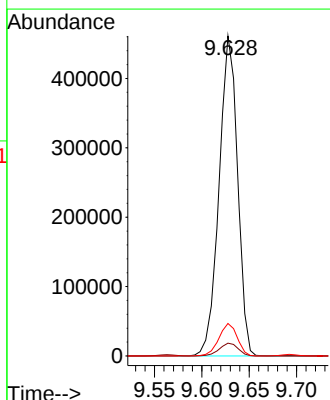
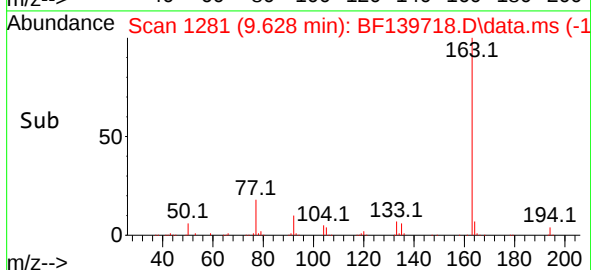
Supervised By :mohammad ahmed 10/10/2024



#50
Dimethylphthalate
Concen: 51.442 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:163 Resp: 628265
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.1 12.1





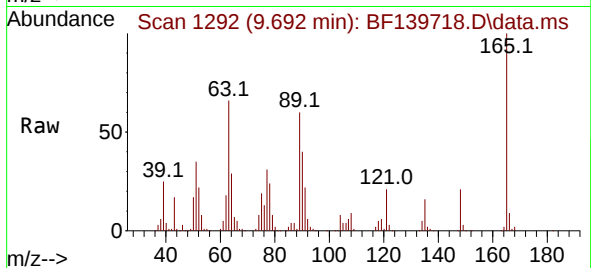
#51
2,6-Dinitrotoluene
Concen: 49.481 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



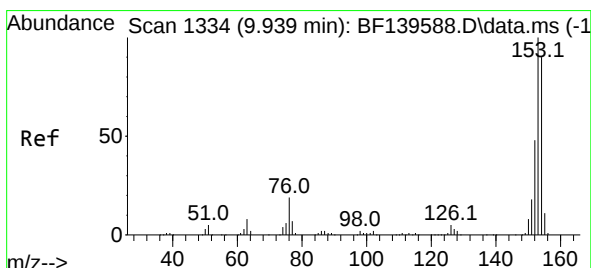
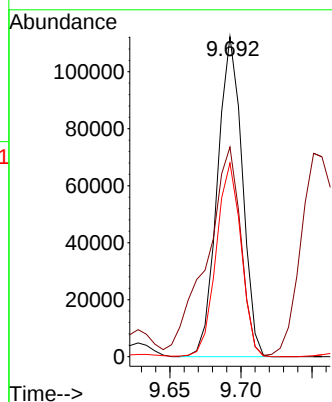
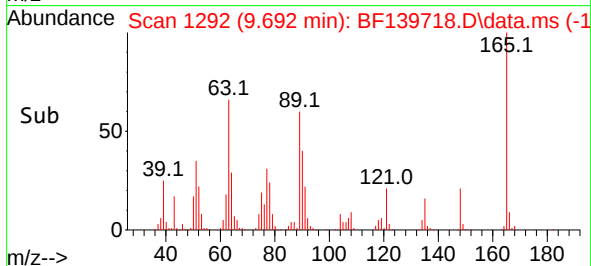
Tgt Ion:165 Resp: 136511
Ion Ratio Lower Upper
165 100
63 65.5 56.7 85.1
89 60.5 51.6 77.4

Manual Integrations

APPROVED

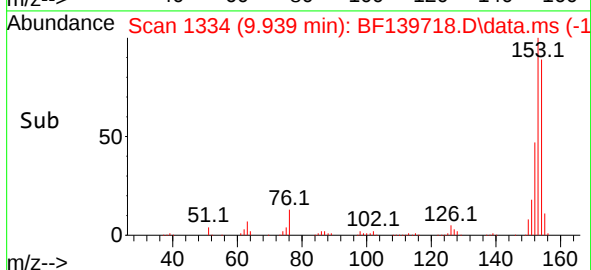
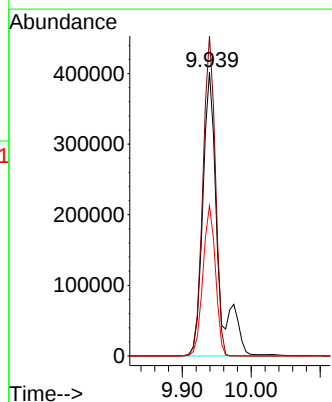
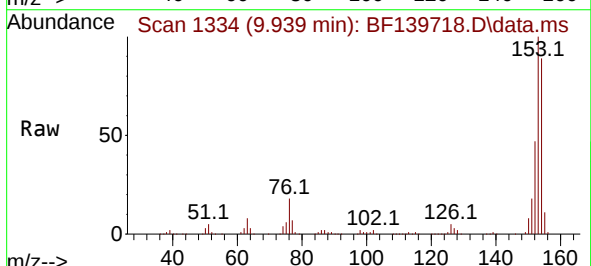
Reviewed By :Yogesh Patel 10/10/2024

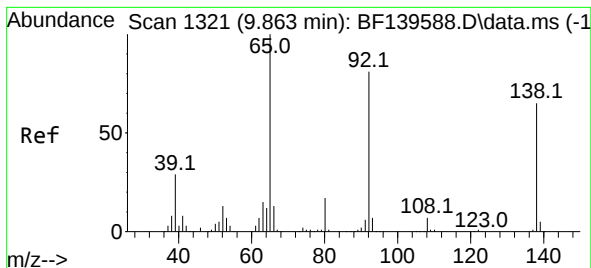
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 55.863 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:154 Resp: 606709
Ion Ratio Lower Upper
154 100
153 112.7 88.8 133.2
152 53.0 42.5 63.7





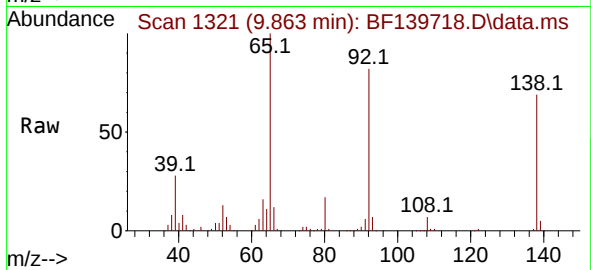
#53
3-Nitroaniline
Concen: 31.509 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



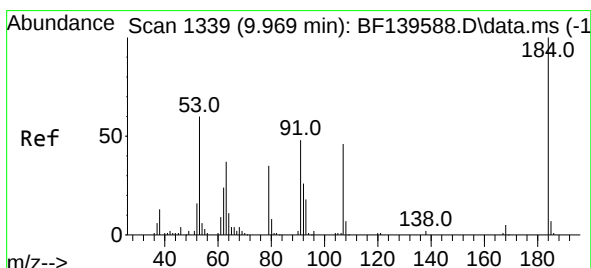
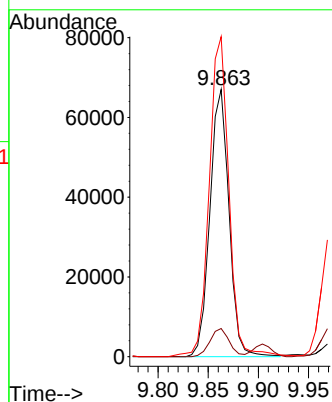
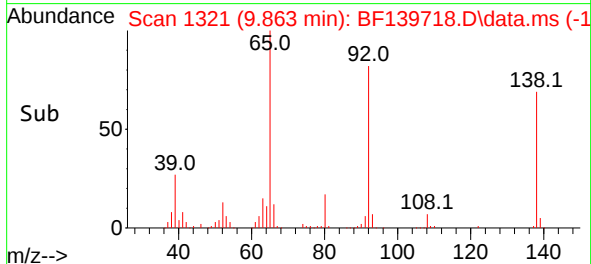
Tgt Ion:138 Resp: 88830
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 119.7 100.0 150.0

Manual Integrations

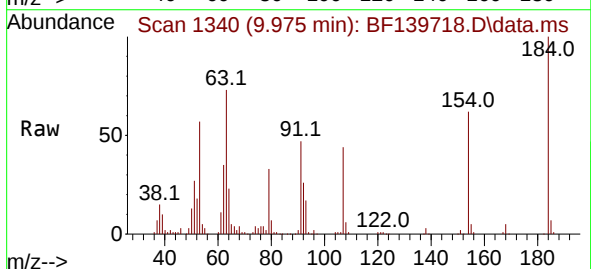
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

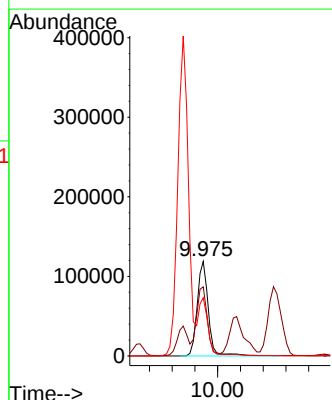
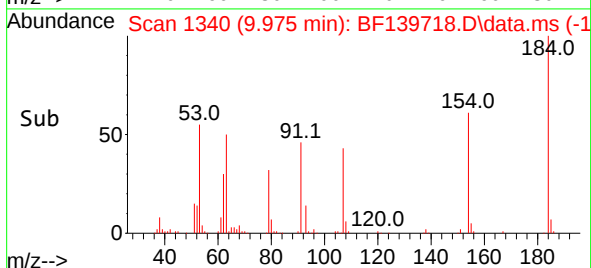
Supervised By :mohammad ahmed 10/10/2024

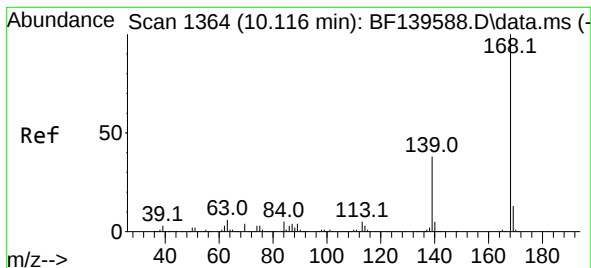


#54
2,4-Dinitrophenol
Concen: 109.646 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:184 Resp: 162704
Ion Ratio Lower Upper
184 100
63 73.0 61.7 92.5
154 61.6 53.0 79.4





#55

Dibenzenofuran

Concen: 51.140 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:168 Resp: 77766

Ion Ratio Lower Upper

168 100

139 38.5 30.4 45.6

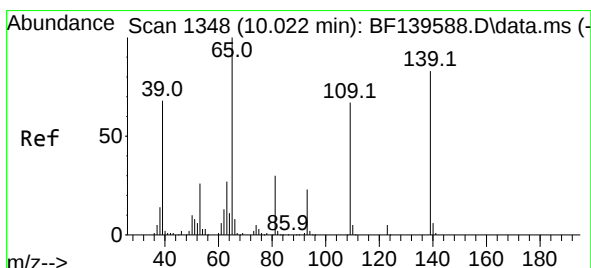
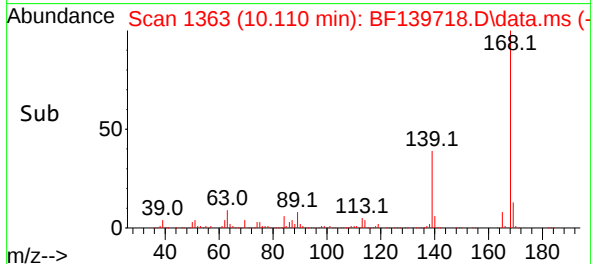
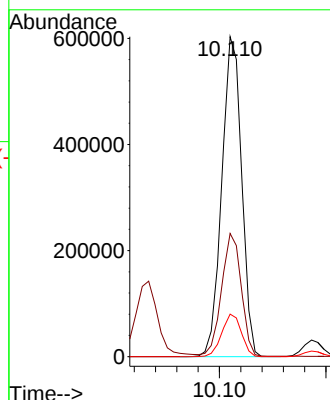
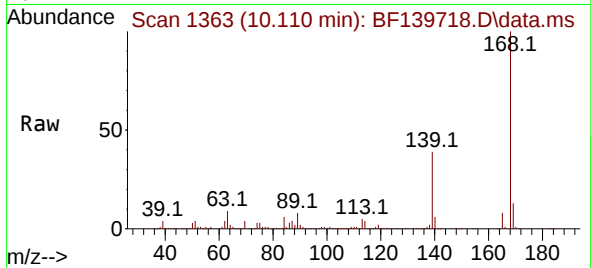
169 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#56

4-Nitrophenol

Concen: 96.568 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

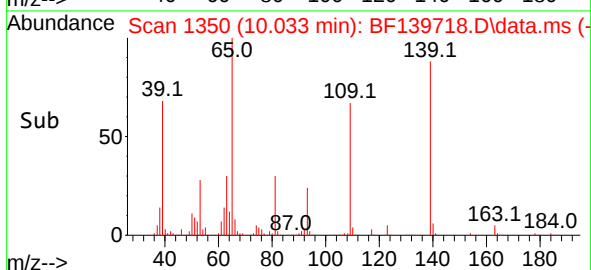
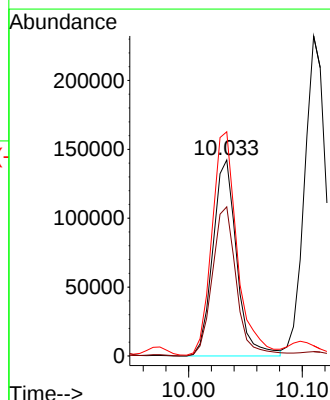
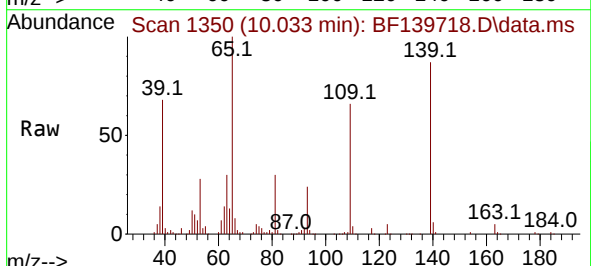
Tgt Ion:139 Resp: 207621

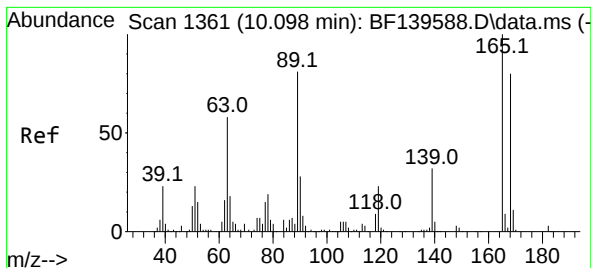
Ion Ratio Lower Upper

139 100

109 76.0 60.3 100.3

65 114.3 100.8 140.8





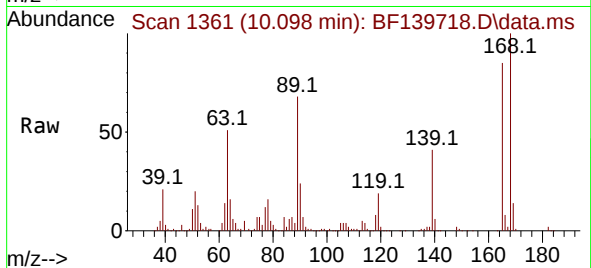
#57
2,4-Dinitrotoluene
Concen: 50.746 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

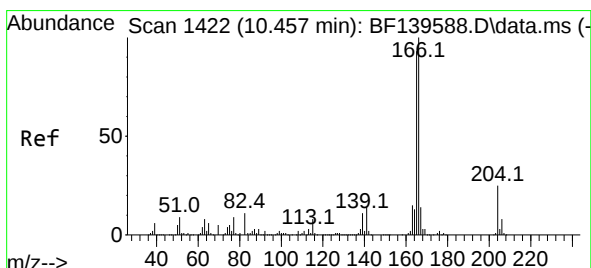
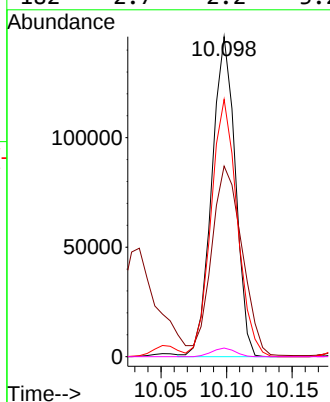
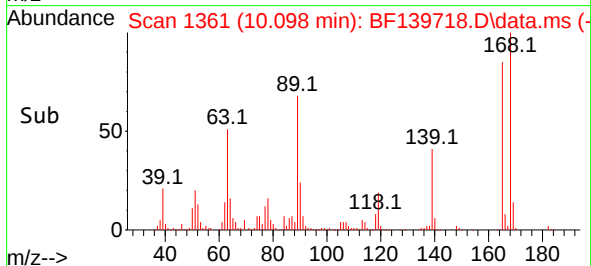


Tgt Ion:165 Resp: 183000
Ion Ratio Lower Upper
165 100
63 59.5 46.9 70.3
89 80.4 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

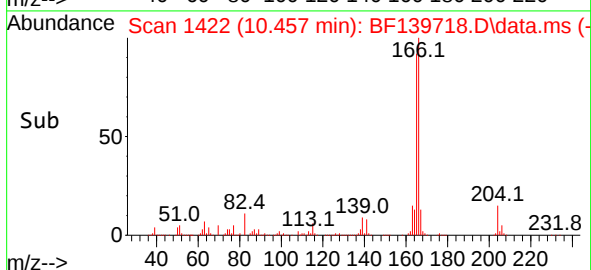
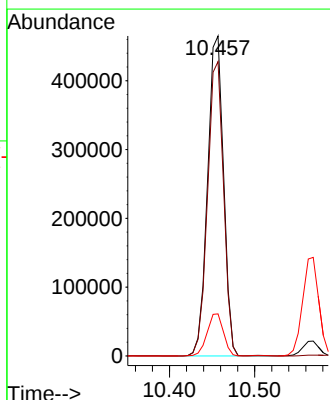
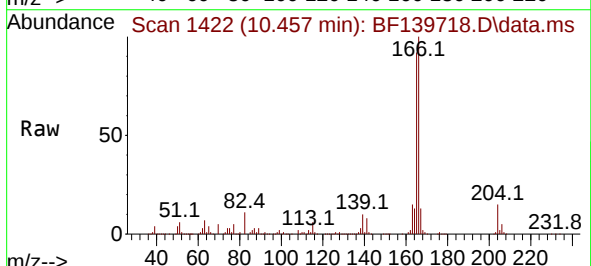
APPROVED

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



#58
Fluorene
Concen: 50.045 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

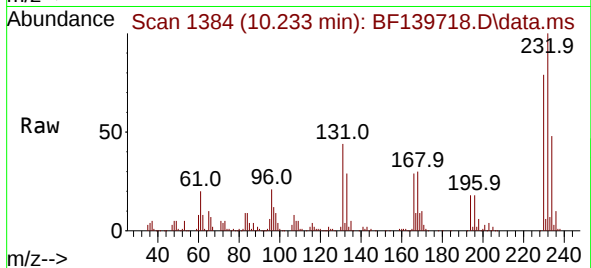
Tgt Ion:166 Resp: 606135
Ion Ratio Lower Upper
166 100
165 92.0 74.4 111.6
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.994 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

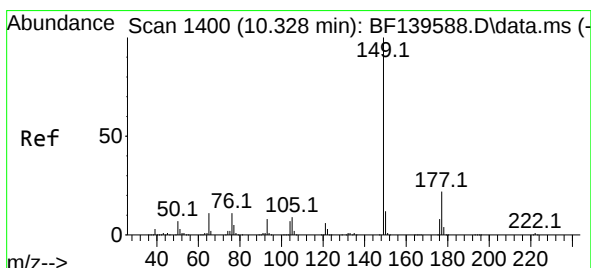
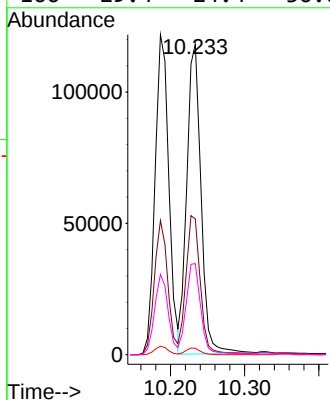
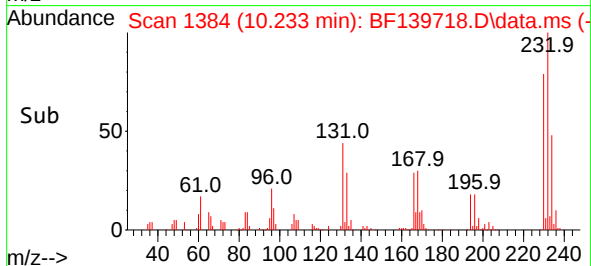
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:232 Resp: 158169
Ion Ratio Lower Upper
232 100
131 45.3 37.8 56.6
130 2.2 1.9 2.9
166 29.4 24.4 36.6

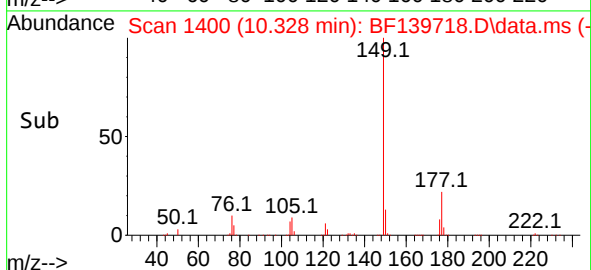
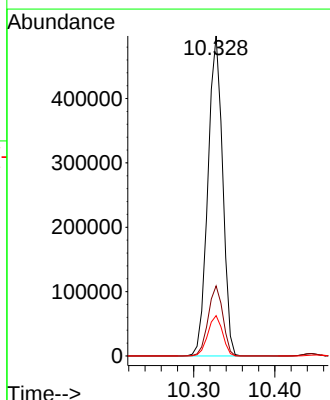
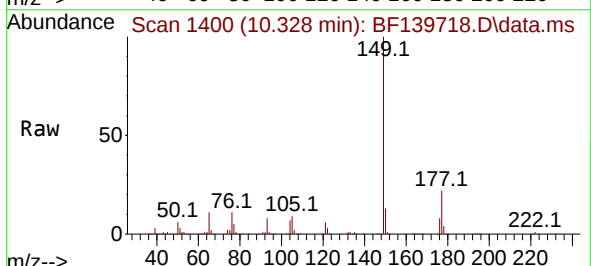
Manual Integrations
APPROVED

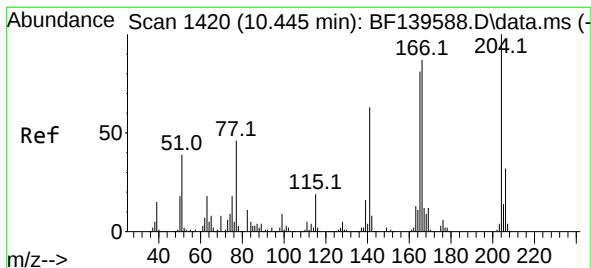
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 49.454 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

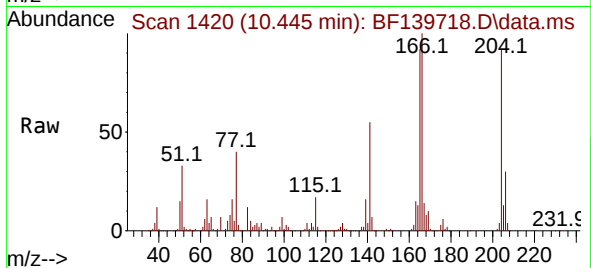
Tgt Ion:149 Resp: 623854
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.146 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

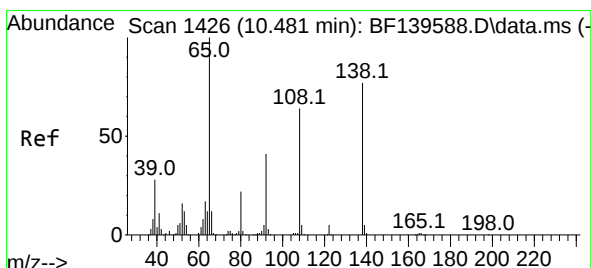
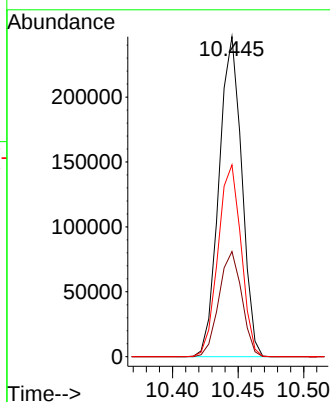
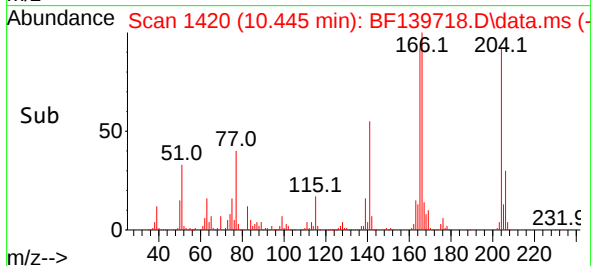
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:204 Resp: 297790
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.0 50.5 75.7

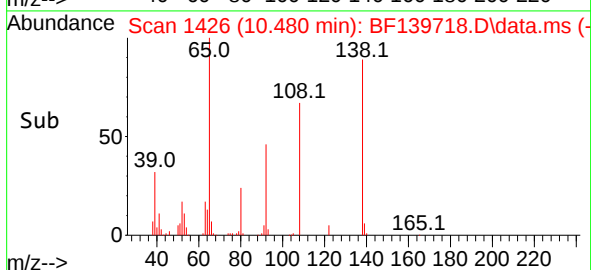
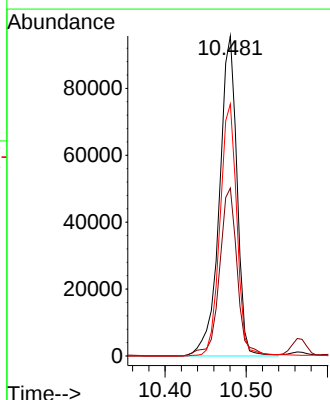
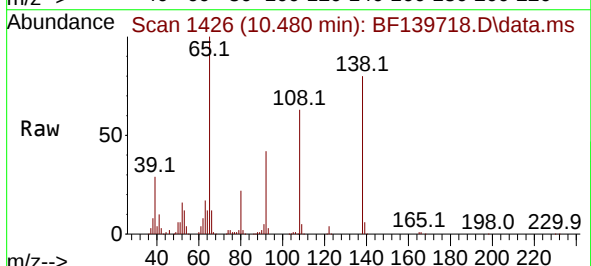
Manual Integrations
APPROVED

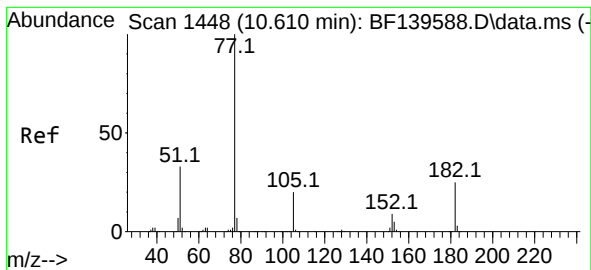
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#62
4-Nitroaniline
Concen: 49.981 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

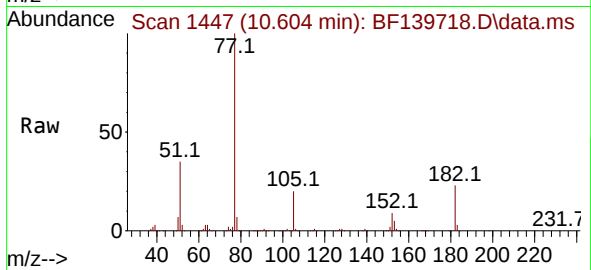
Tgt Ion:138 Resp: 144139
Ion Ratio Lower Upper
138 100
92 52.4 33.3 73.3
108 78.7 62.1 102.1





#63
Azobenzene
Concen: 50.154 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

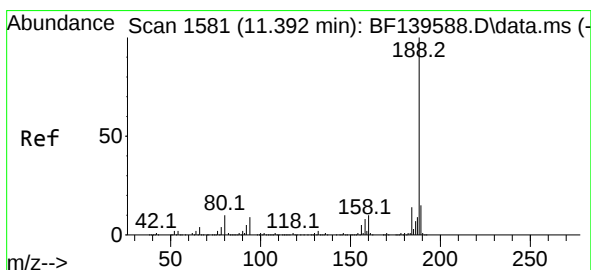
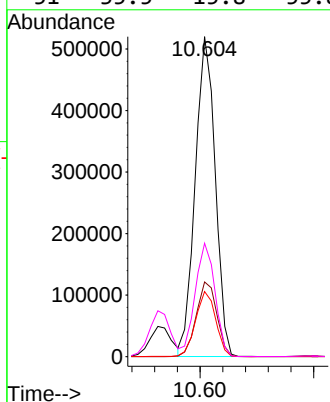
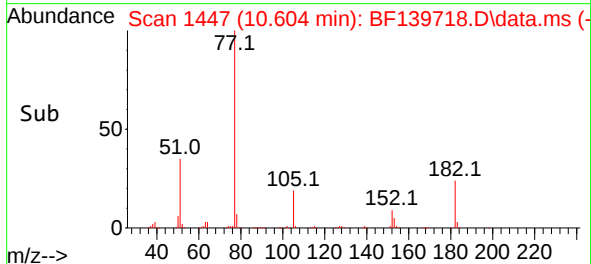
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion: 77 Resp: 636258
Ion Ratio Lower Upper
77 100
182 23.4 4.2 44.2
105 20.3 0.0 39.6
51 35.5 15.8 55.8

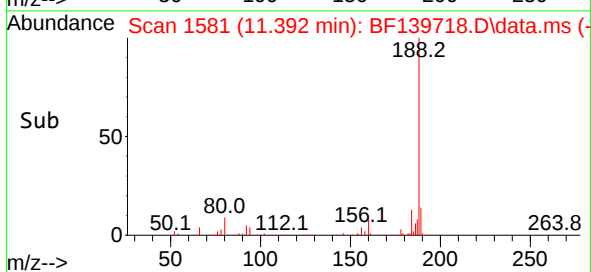
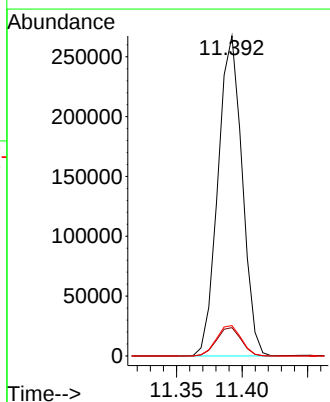
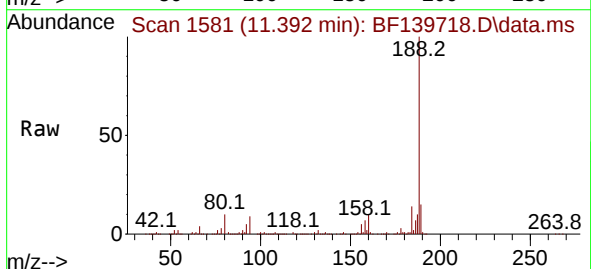
Manual Integrations
APPROVED

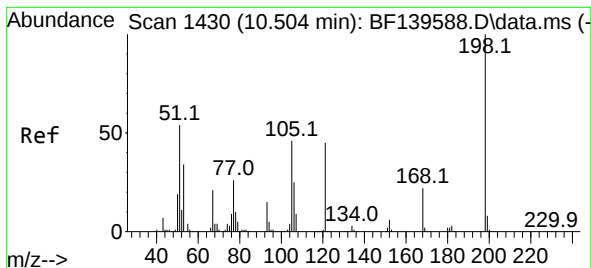
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:188 Resp: 343281
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 8.2 12.2





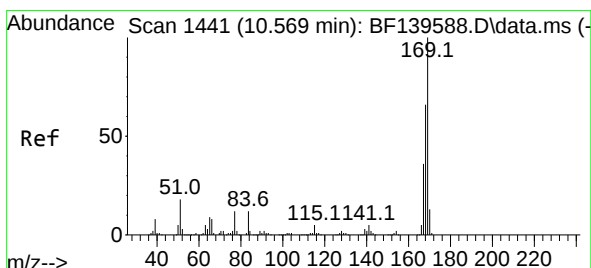
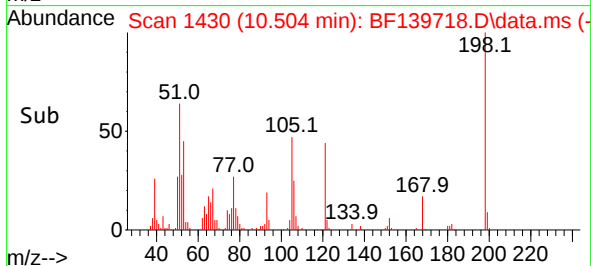
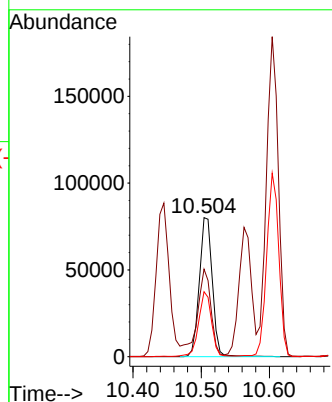
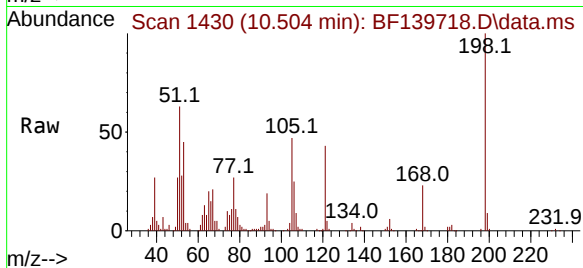
#65
4,6-Dinitro-2-methylphenol
Concen: 54.585 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB163987BSD

Tgt Ion:198 Resp: 105828
Ion Ratio Lower Upper
198 100
51 63.0 43.0 83.0
105 46.8 26.6 66.6

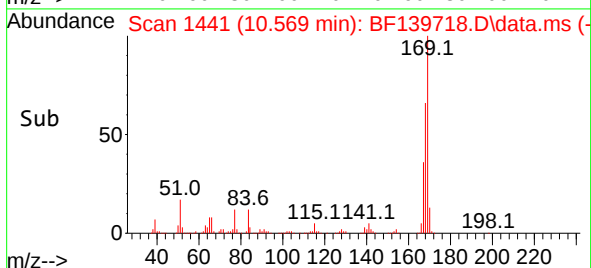
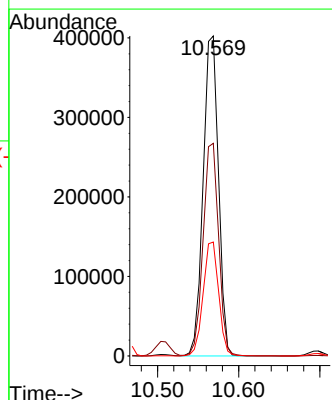
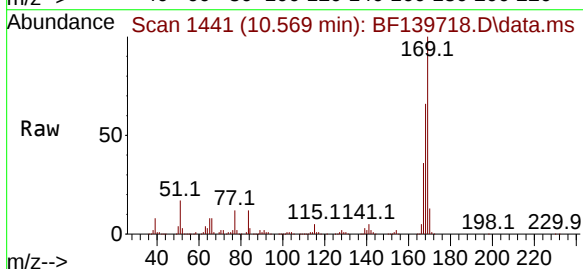
Manual Integrations
APPROVED

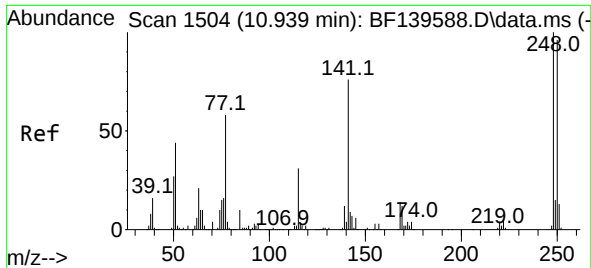
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 52.104 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:169 Resp: 527219
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.6 28.6 43.0





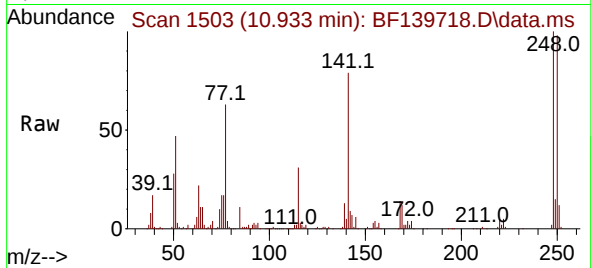
#67
4-Bromophenyl-phenylether
Concen: 50.110 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD



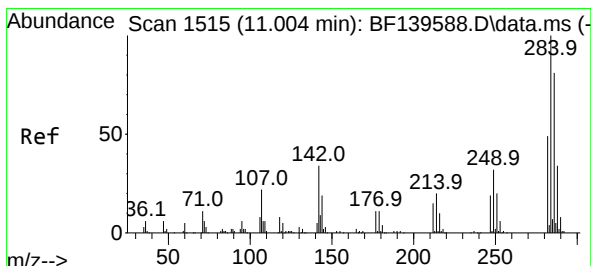
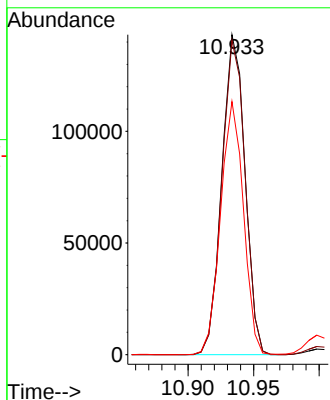
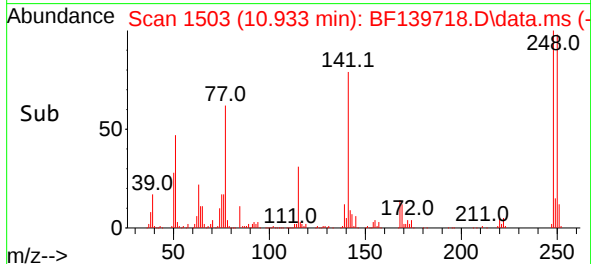
Tgt Ion:248 Resp: 176370
Ion Ratio Lower Upper
248 100
250 98.2 77.1 115.7
141 79.1 60.4 90.6

Manual Integrations

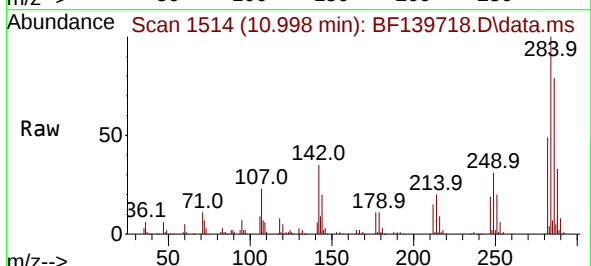
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

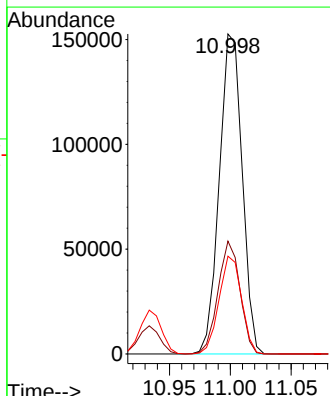
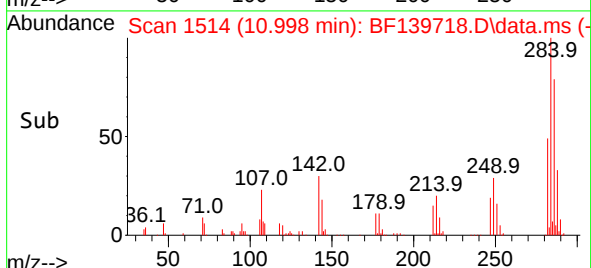
Supervised By :mohammad ahmed 10/10/2024



#68
Hexachlorobenzene
Concen: 51.097 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:284 Resp: 199565
Ion Ratio Lower Upper
284 100
142 35.2 26.9 40.3
249 30.6 25.4 38.0





#69

Atrazine

Concen: 62.014 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

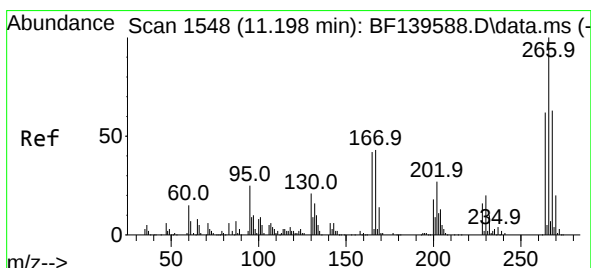
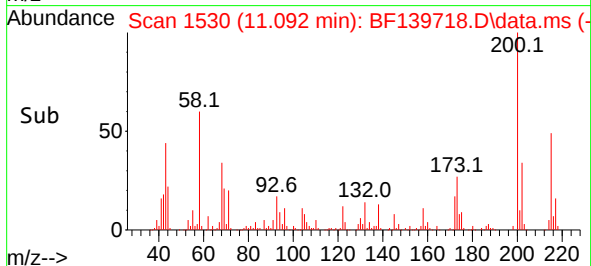
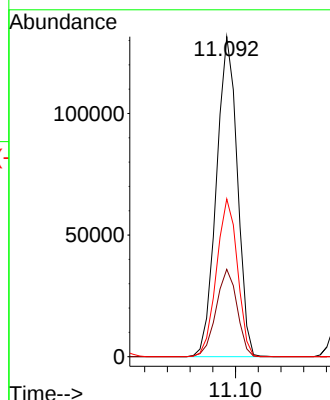
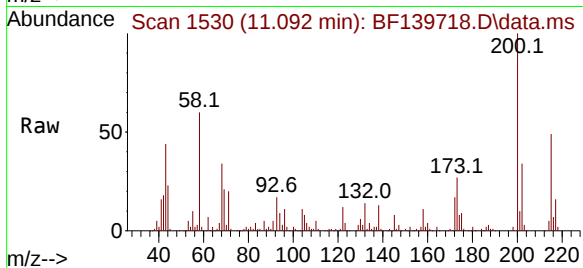
Tgt Ion:200 Resp: 168359
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.7 46.7
 215 49.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 93.388 ng

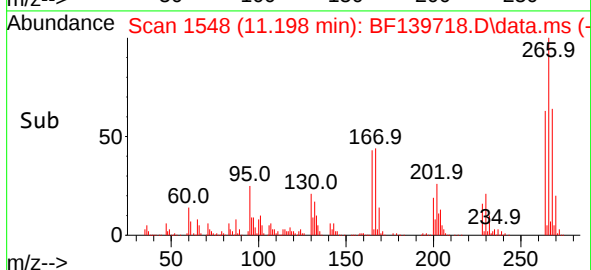
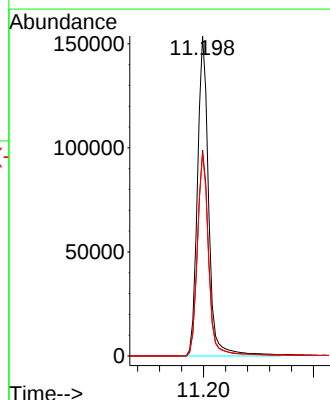
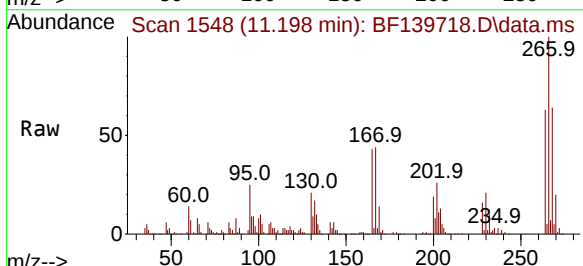
RT: 11.198 min Scan# 1548

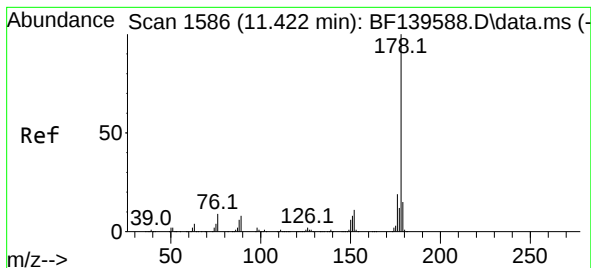
Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:266 Resp: 217182
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.0 75.0
 264 63.4 49.3 73.9





#71

Phenanthrene

Concen: 52.461 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

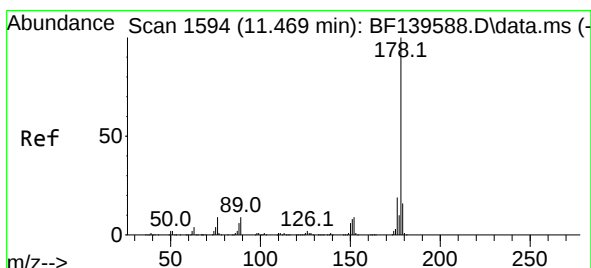
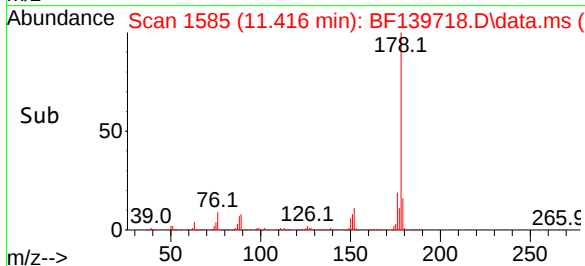
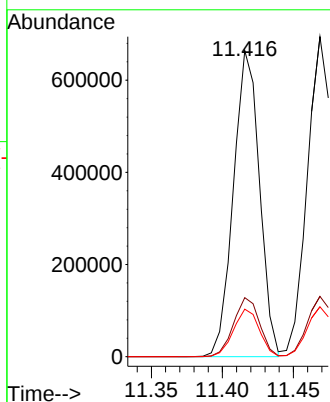
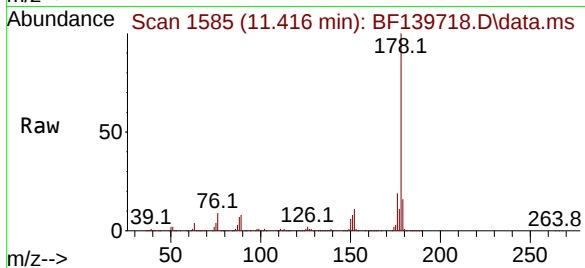
Tgt Ion:178	Resp: 849134
Ion Ratio	Lower Upper
178	100
176	19.3 15.5 23.3
179	15.5 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#72

Anthracene

Concen: 54.477 ng

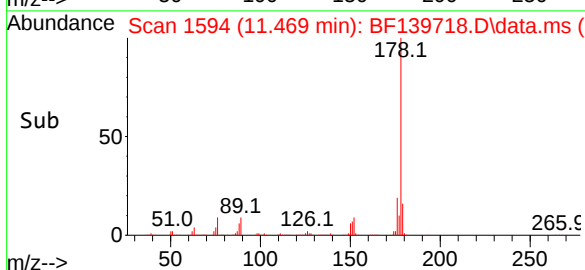
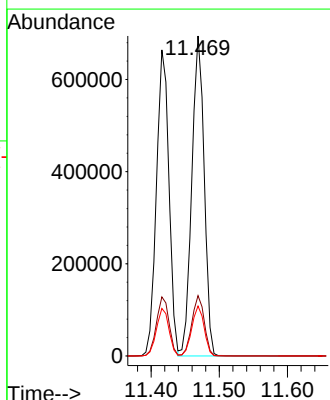
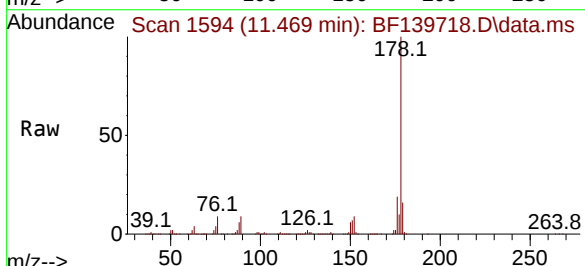
RT: 11.469 min Scan# 1594

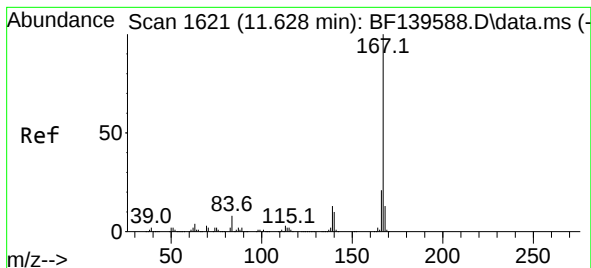
Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:178	Resp: 872336
Ion Ratio	Lower Upper
178	100
176	18.9 15.1 22.7
179	15.6 12.5 18.7





#73

Carbazole

Concen: 50.986 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:167 Resp: 78414

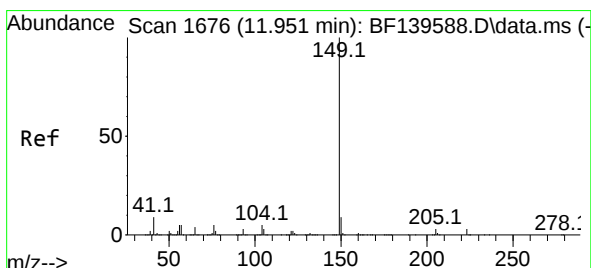
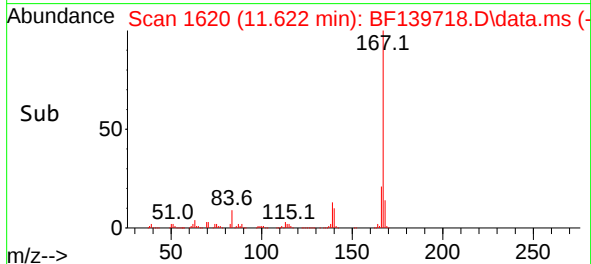
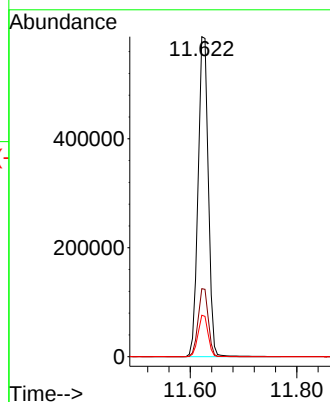
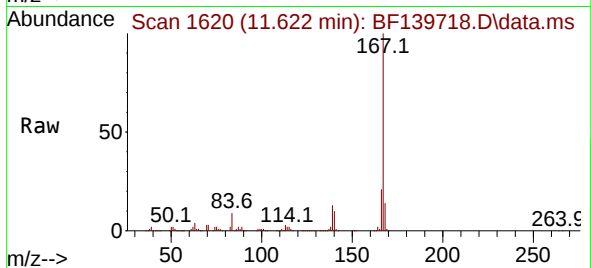
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.0	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#74

Di-n-butylphthalate

Concen: 50.447 ng

RT: 11.951 min Scan# 1676

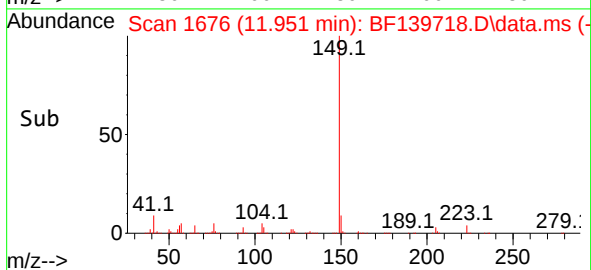
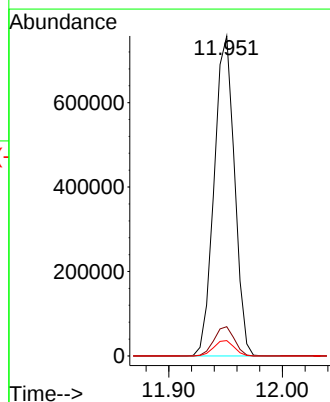
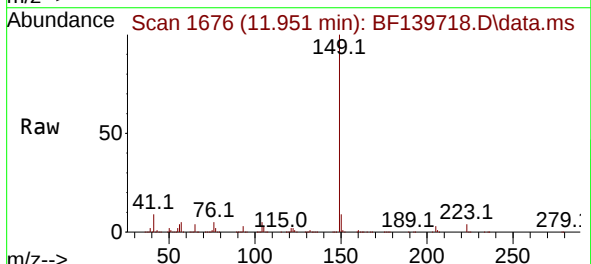
Delta R.T. -0.000 min

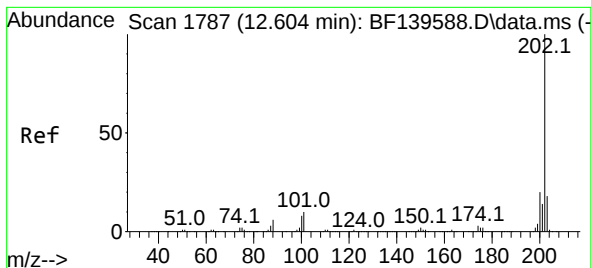
Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:149 Resp: 943466

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	4.8	4.1	6.1





#75

Fluoranthene

Concen: 49.376 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:202 Resp: 87364

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.2

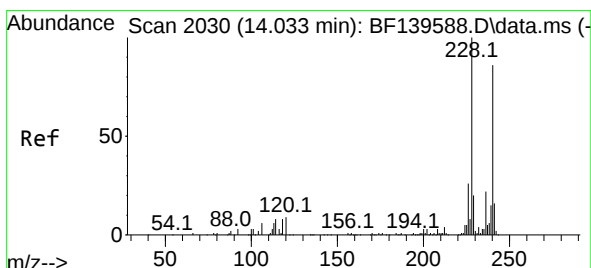
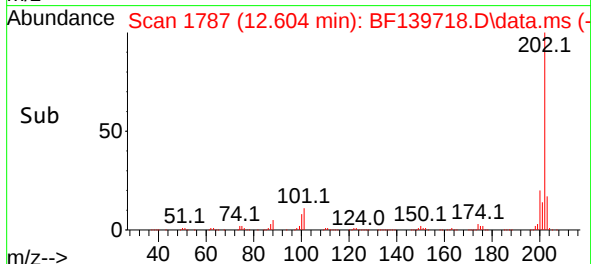
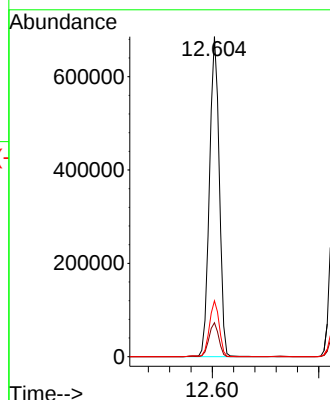
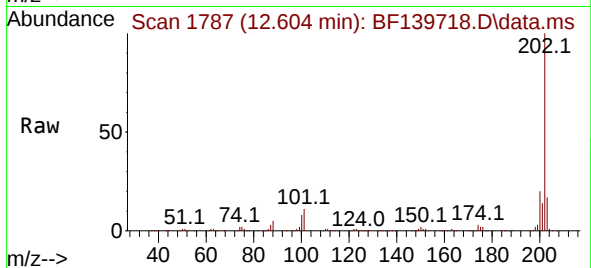
203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

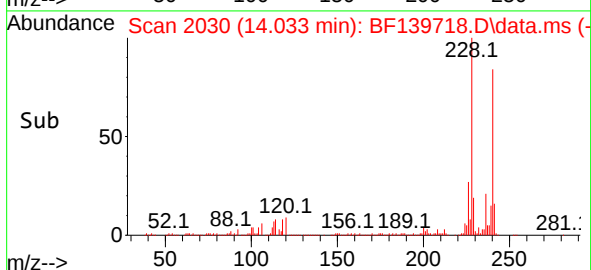
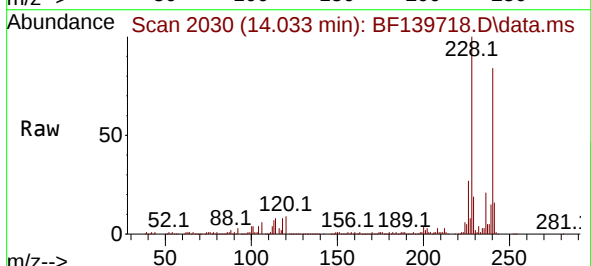
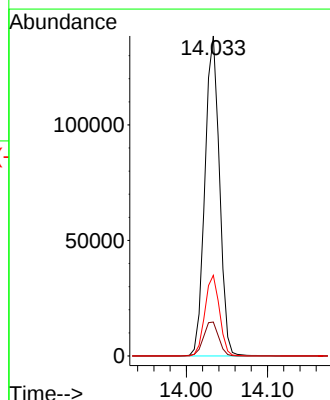
Tgt Ion:240 Resp: 172046

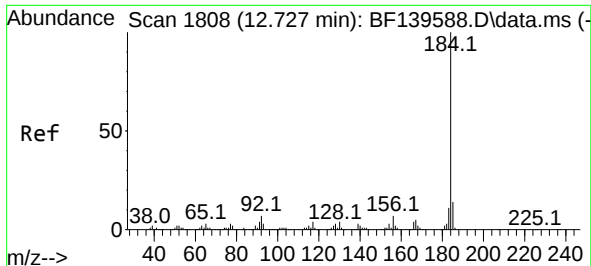
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

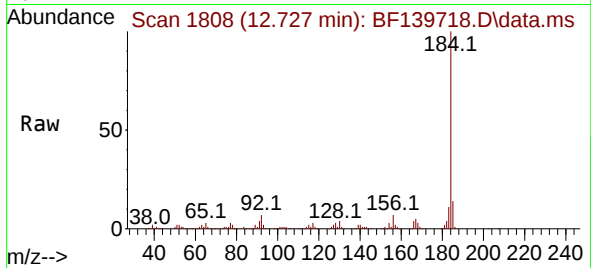
236 25.2 20.3 30.5





#77
Benzidine
Concen: 91.527 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

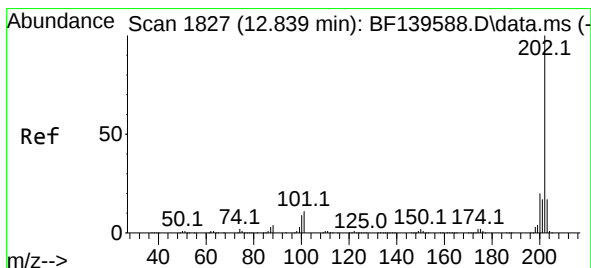
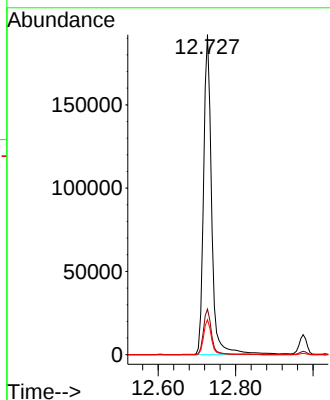
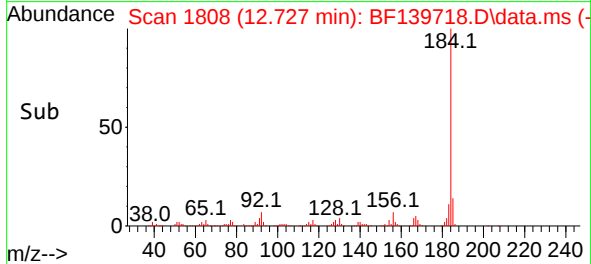
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:184 Resp: 277750
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 10.9 8.8 13.2

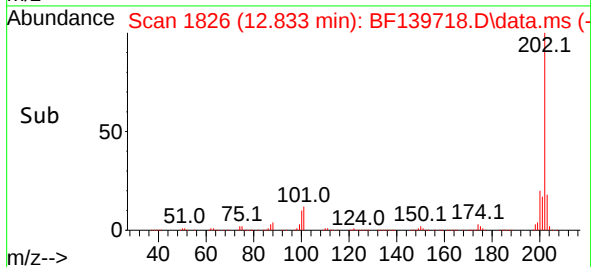
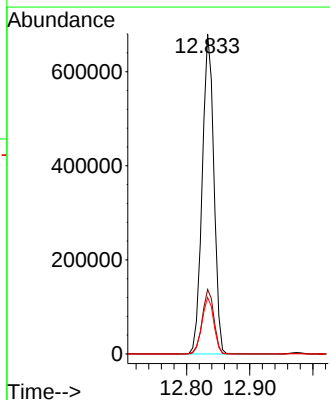
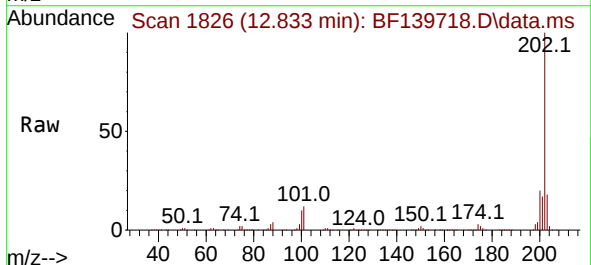
Manual Integrations
APPROVED

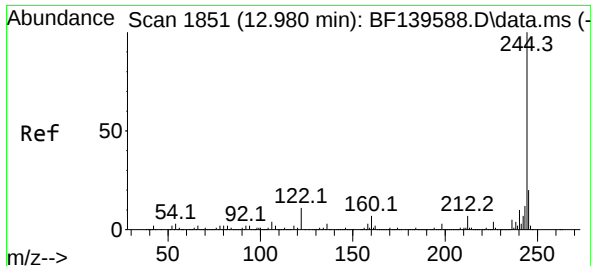
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#78
Pyrene
Concen: 56.880 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

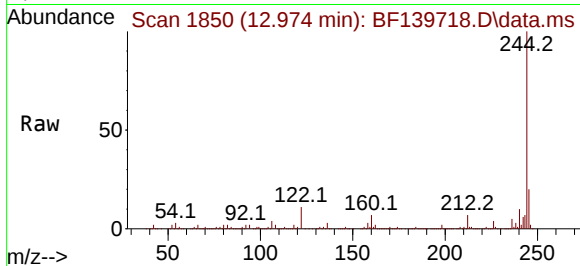
Tgt Ion:202 Resp: 875249
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.6
203 17.6 13.8 20.8





#79
Terphenyl-d14
Concen: 103.268 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

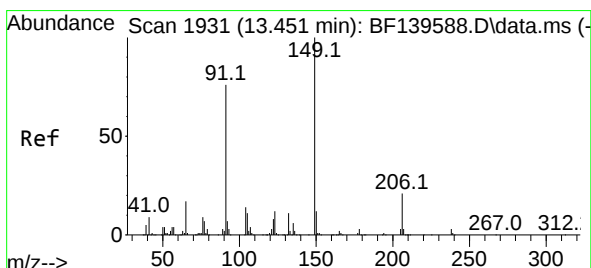
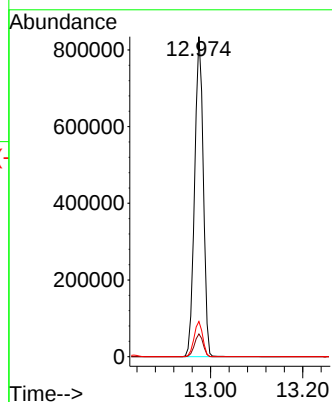
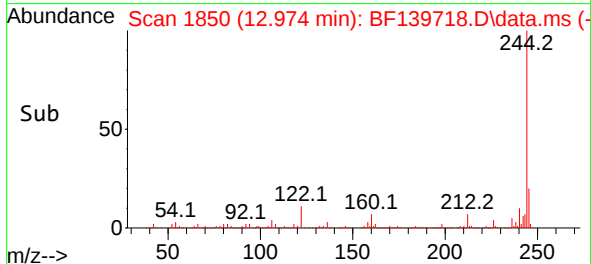
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:244 Resp: 108280
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.0 8.6 12.8

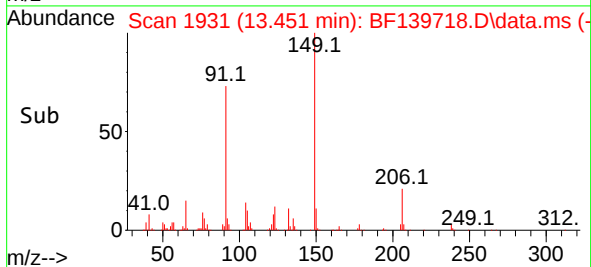
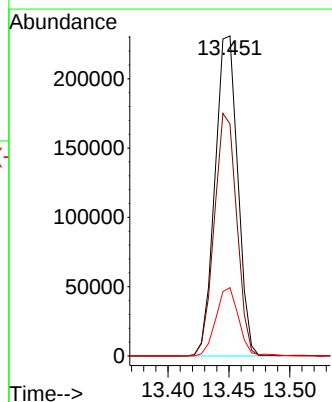
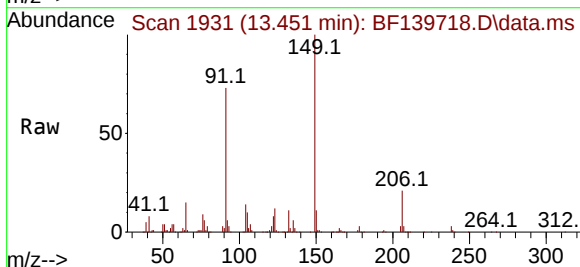
Manual Integrations
APPROVED

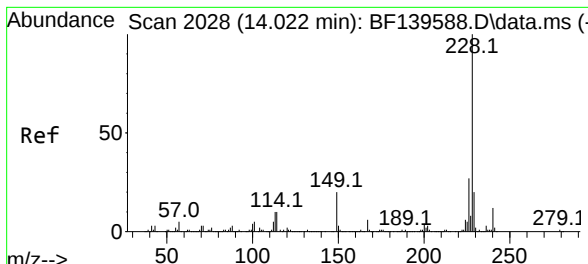
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#80
Butylbenzylphthalate
Concen: 54.736 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:149 Resp: 301268
Ion Ratio Lower Upper
149 100
91 72.5 61.0 91.4
206 21.4 16.6 24.8





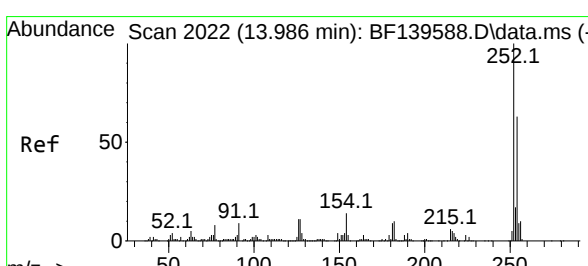
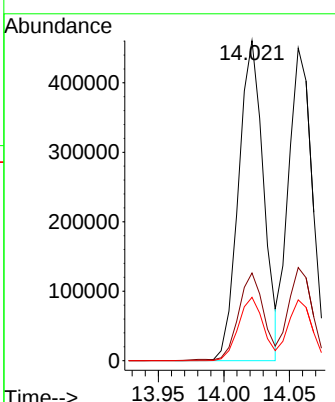
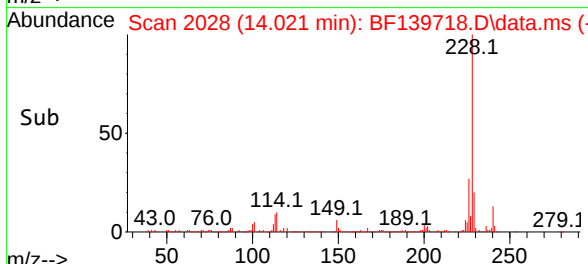
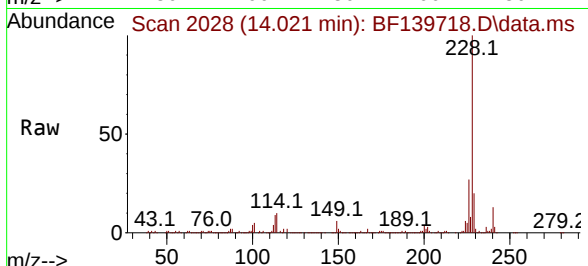
#81
 Benzo(a)anthracene
 Concen: 54.172 ng
 RT: 14.021 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: BF139718.D
 Acq: 09 Oct 2024 13:07

Instrument : BNA_F
 ClientSampleId : PB163987BSD

Tgt Ion:228 Resp: 61276

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.8	15.8	23.8

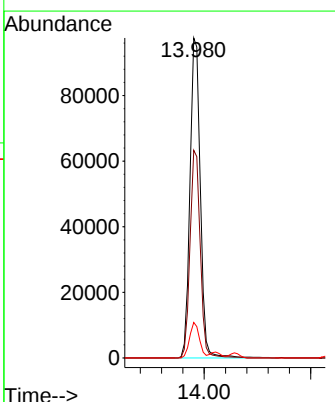
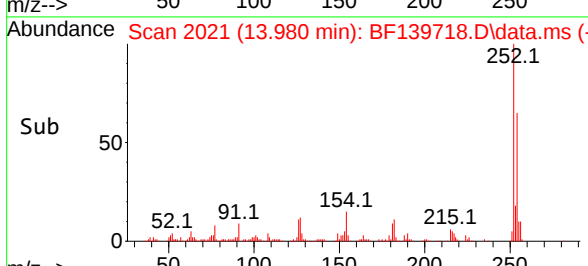
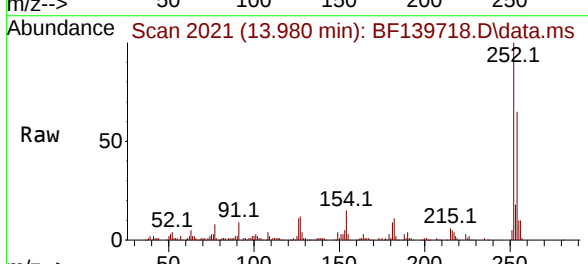
Manual Integrations
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 Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

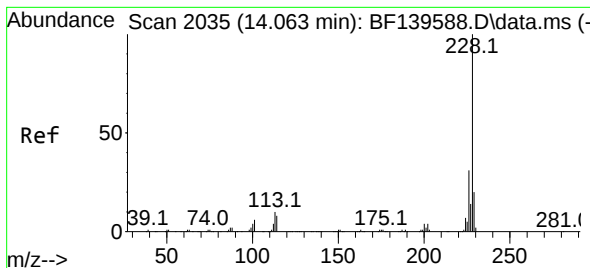


#82
 3,3'-Dichlorobenzidine
 Concen: 37.963 ng
 RT: 13.980 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF139718.D
 Acq: 09 Oct 2024 13:07

Tgt Ion:252 Resp: 131418

Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.5	75.7
126	11.1	8.8	13.2





#83

Chrysene

Concen: 54.431 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:228 Resp: 562894

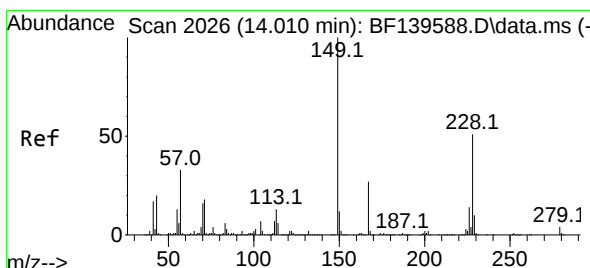
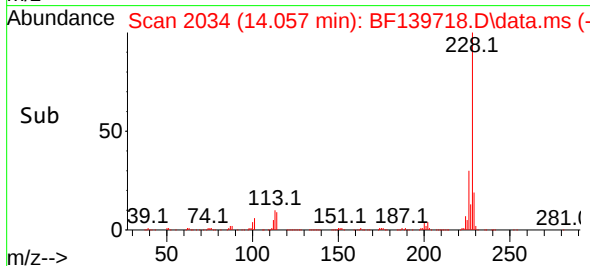
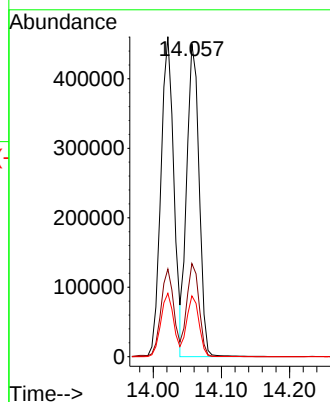
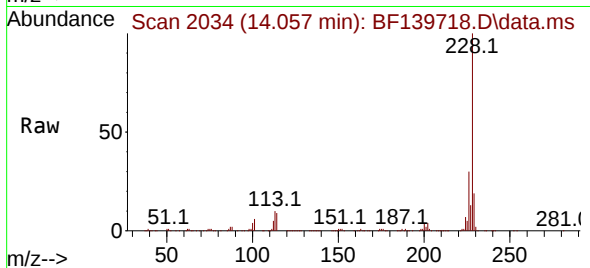
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.288 ng

RT: 14.004 min Scan# 2025

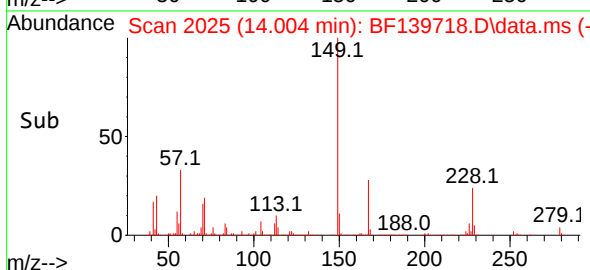
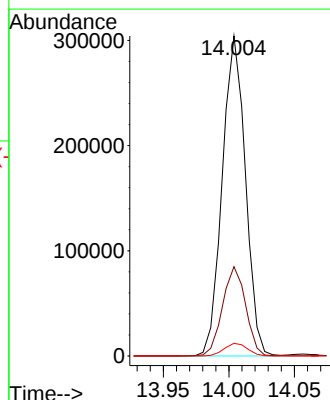
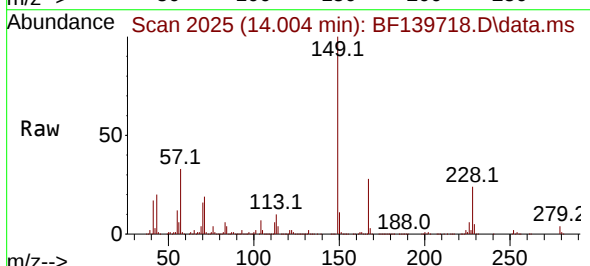
Delta R.T. -0.006 min

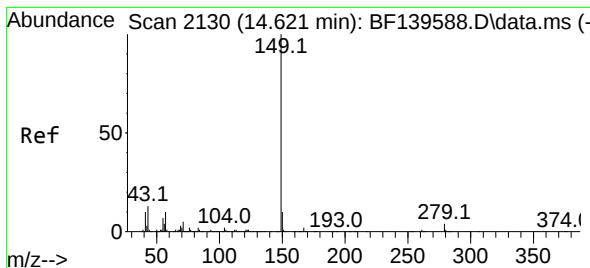
Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Tgt Ion:149 Resp: 373112

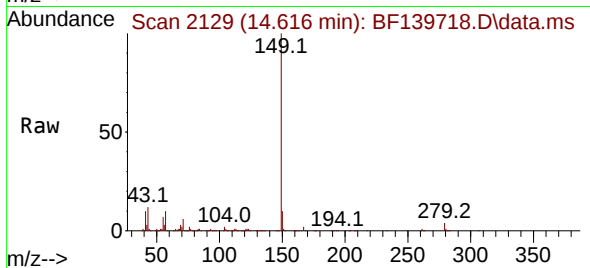
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.7	32.5
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 55.408 ng
RT: 14.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

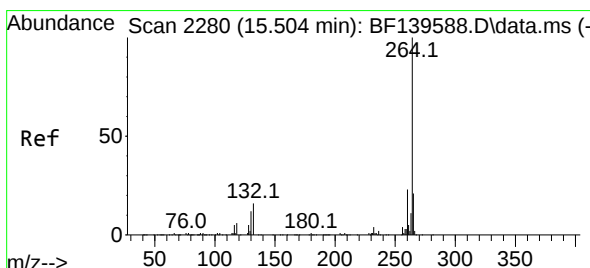
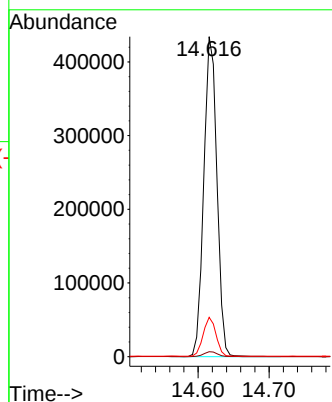
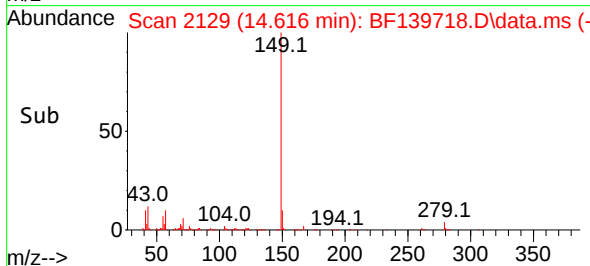
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:149 Resp: 55945
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 10.2 15.2

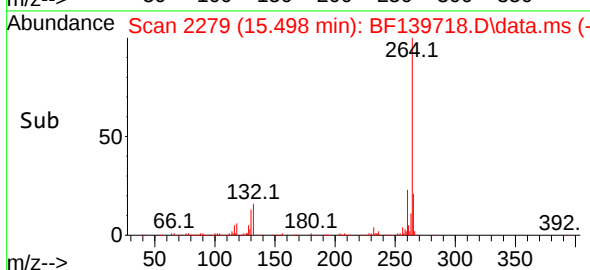
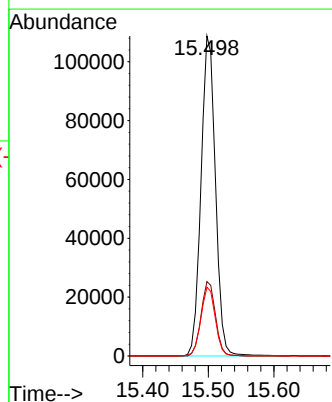
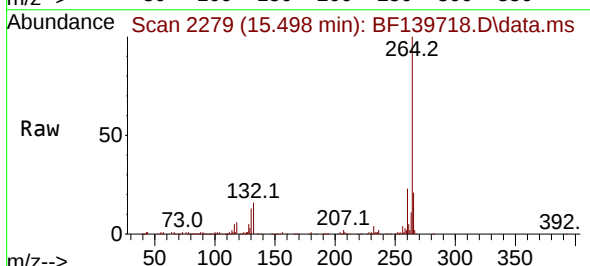
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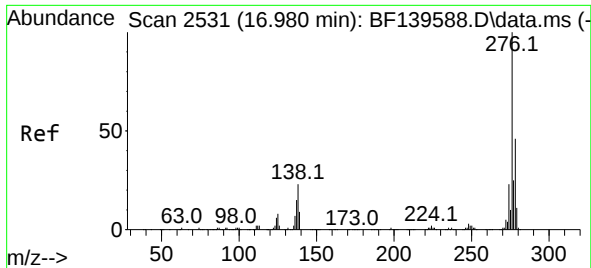
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

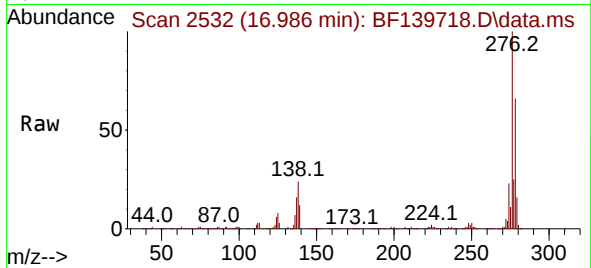
Tgt Ion:264 Resp: 166643
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.5 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.602 ng
RT: 16.986 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

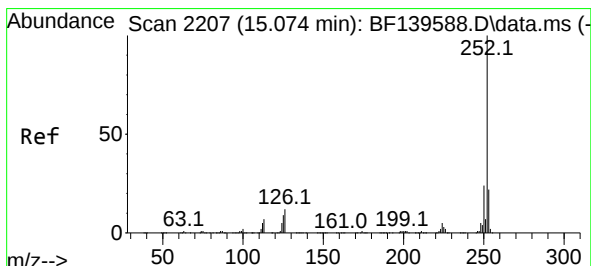
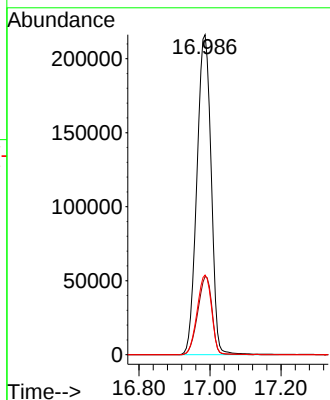
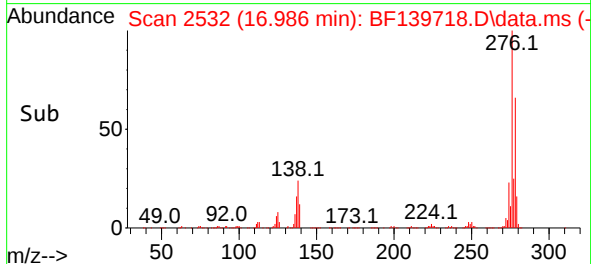
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



Tgt Ion:276 Resp: 604204
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 25.2 20.2 30.2

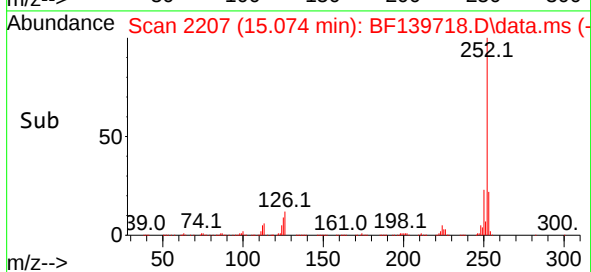
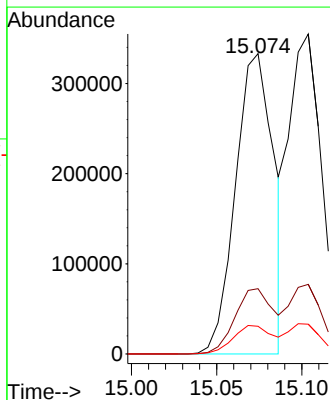
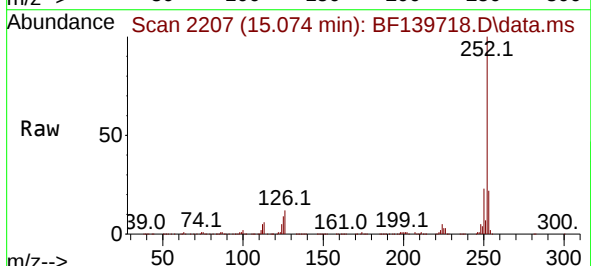
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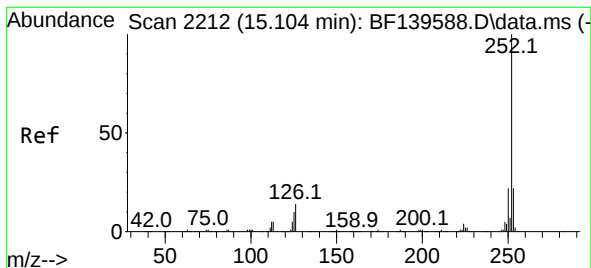
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#88
Benzo(b)fluoranthene
Concen: 48.158 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

Tgt Ion:252 Resp: 518897
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.2 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 52.290 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB163987BSD

Tgt Ion:252 Resp: 47793

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

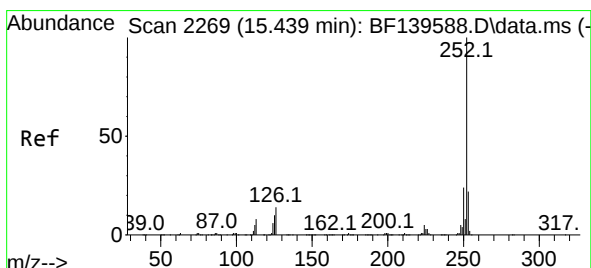
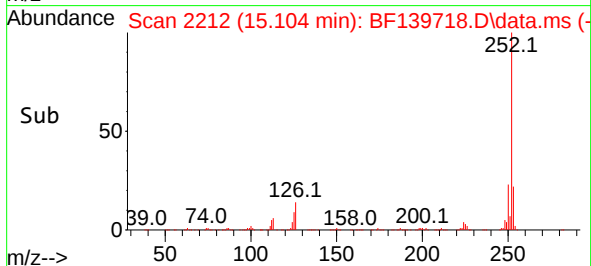
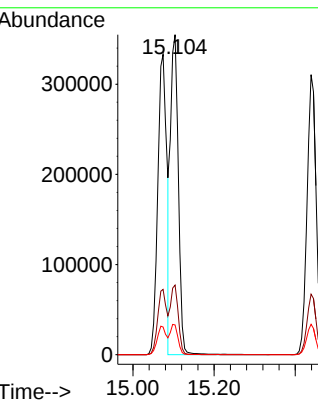
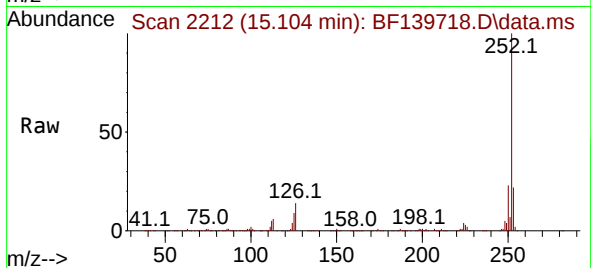
125 9.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#90

Benzo(a)pyrene

Concen: 56.695 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139718.D

Acq: 09 Oct 2024 13:07

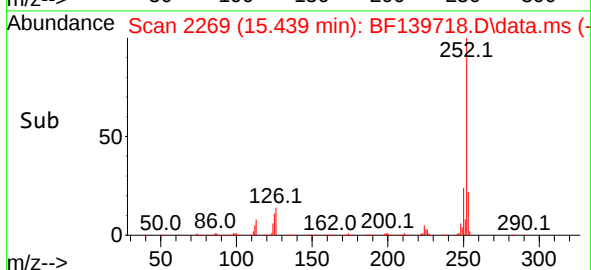
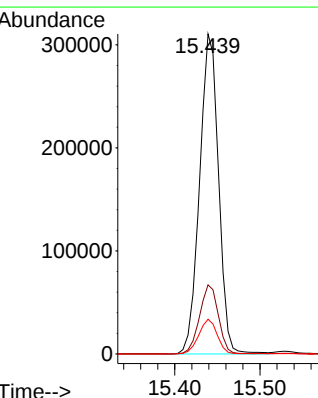
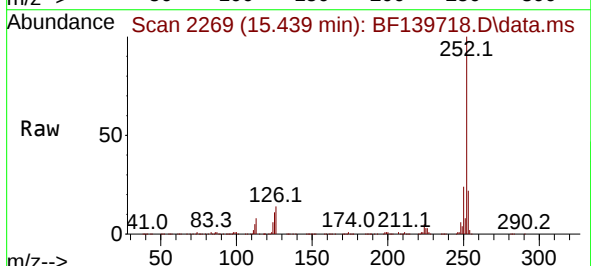
Tgt Ion:252 Resp: 481677

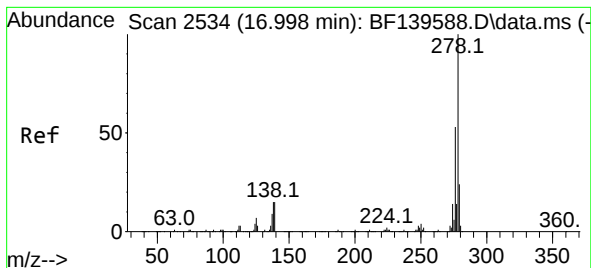
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

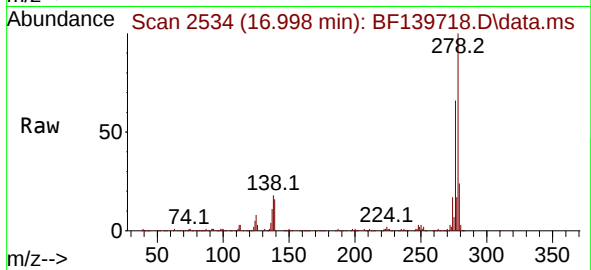
125 10.9 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 59.577 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07

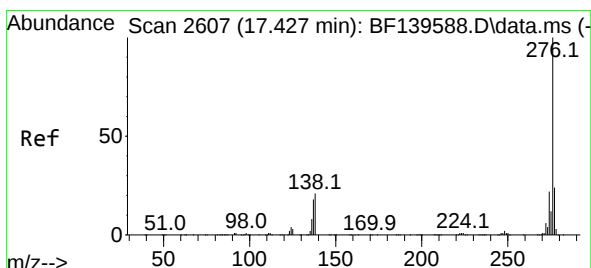
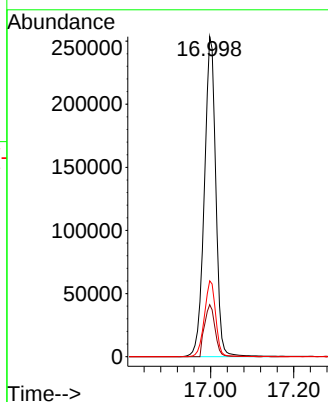
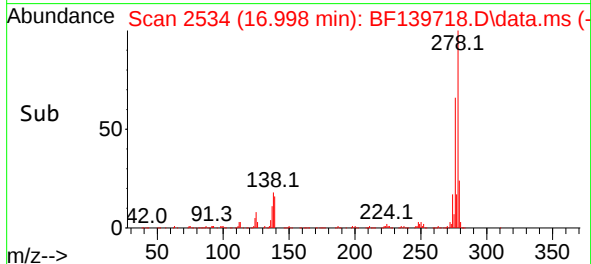
Instrument :
BNA_F
ClientSampleId :
PB163987BSD



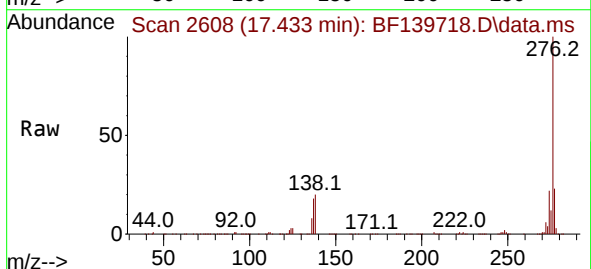
Tgt Ion:278 Resp: 48466
Ion Ratio Lower Upper
278 100
139 16.3 12.2 18.4
279 23.7 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 56.412 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139718.D
Acq: 09 Oct 2024 13:07



Tgt Ion:276 Resp: 460245
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.4 17.0 25.6

