

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139282.D
 Acq On : 09 Sep 2024 14:45
 Operator : RC/JU
 Sample : PB163214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163214BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 09 15:12:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121524	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451152	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	247423	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	463457	20.000	ng	0.00
76) Chrysene-d12	14.057	240	229103	20.000	ng	0.00
86) Perylene-d12	15.527	264	221245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1011327	139.217	ng	0.02
7) Phenol-d6	6.522	99	1346133	138.807	ng	0.00
23) Nitrobenzene-d5	7.457	82	866056	99.866	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	335784	157.163	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1560634	97.366	ng	0.00
79) Terphenyl-d14	13.004	244	1503770	105.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	127565	37.708	ng	99
3) Pyridine	3.516	79	340315	41.675	ng	99
4) n-Nitrosodimethylamine	3.481	42	239998	45.259	ng	100
6) Aniline	6.551	93	449876	50.447	ng	94
8) 2-Chlorophenol	6.675	128	373408	49.598	ng	97
9) Benzaldehyde	6.440	77	93185	15.874	ng	98
10) Phenol	6.534	94	492092	48.106	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	355291	48.481	ng	99
12) 1,3-Dichlorobenzene	6.828	146	384512	45.122	ng	98
13) 1,4-Dichlorobenzene	6.904	146	389188	45.629	ng	99
14) 1,2-Dichlorobenzene	7.057	146	373700	46.977	ng	99
15) Benzyl Alcohol	7.034	79	354788	50.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	693816	49.733	ng	98
17) 2-Methylphenol	7.140	107	302638	49.211	ng	98
18) Hexachloroethane	7.404	117	145429	47.739	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	278676	49.894	ng	100
20) 3+4-Methylphenols	7.292	107	375859	48.494	ng	98
22) Acetophenone	7.298	105	509058	47.363	ng	98
24) Nitrobenzene	7.475	77	419551	45.581	ng	99
25) Isophorone	7.710	82	745997	50.315	ng	100
26) 2-Nitrophenol	7.787	139	191637	53.009	ng	100
27) 2,4-Dimethylphenol	7.822	122	311454	60.407	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	430051	48.684	ng	100
29) 2,4-Dichlorophenol	8.028	162	309779	50.180	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	321964	45.665	ng	99
31) Naphthalene	8.192	128	1087912	47.617	ng	100
32) Benzoic acid	7.945	122	223826	47.660	ng	99
33) 4-Chloroaniline	8.239	127	233170	29.475	ng	99
34) Hexachlorobutadiene	8.310	225	209566	46.907	ng	99
35) Caprolactam	8.616	113	99363m	51.991	ng	
36) 4-Chloro-3-methylphenol	8.722	107	338886	50.375	ng	99
37) 2-Methylnaphthalene	8.886	142	701139	49.051	ng	99
38) 1-Methylnaphthalene	8.986	142	655321	46.615	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	322566	46.079	ng	99
41) Hexachlorocyclopentadiene	9.039	237	408718	181.675	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	233117	50.897	ng	99

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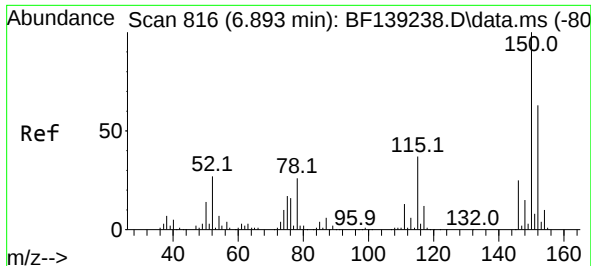
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241505	50.317	ng	100
46) 1,1'-Biphenyl	9.351	154	863058	47.080	ng	99
47) 2-Chloronaphthalene	9.375	162	651346	47.056	ng	100
48) 2-Nitroaniline	9.469	65	246287	51.657	ng	97
49) Acenaphthylene	9.792	152	1072377	51.438	ng	100
50) Dimethylphthalate	9.651	163	766963	51.143	ng	99
51) 2,6-Dinitrotoluene	9.716	165	166802	49.029	ng	96
52) Acenaphthene	9.963	154	758414	54.847	ng	99
53) 3-Nitroaniline	9.881	138	135361	37.344	ng	100
54) 2,4-Dinitrophenol	9.986	184	185630	101.871	ng #	69
55) Dibenzofuran	10.133	168	981427	49.505	ng	100
56) 4-Nitrophenol	10.039	139	281066	105.057	ng	99
57) 2,4-Dinitrotoluene	10.116	165	230057	53.129	ng	98
58) Fluorene	10.480	166	751211	48.873	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	201878	53.434	ng	100
60) Diethylphthalate	10.351	149	771367	52.268	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	364904	49.228	ng	98
62) 4-Nitroaniline	10.498	138	176628	51.191	ng	97
63) Azobenzene	10.633	77	792621	50.958	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	117139	54.701	ng	97
66) n-Nitrosodiphenylamine	10.592	169	663458	49.179	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	221647	49.292	ng	97
68) Hexachlorobenzene	11.022	284	243401	47.284	ng	98
69) Atrazine	11.116	200	211007	67.794	ng	100
70) Pentachlorophenol	11.216	266	293006	98.538	ng	97
71) Phenanthrene	11.439	178	1081340	49.945	ng	99
72) Anthracene	11.492	178	1098698	51.948	ng	100
73) Carbazole	11.645	167	984361	49.797	ng	99
74) Di-n-butylphthalate	11.975	149	1126324	55.649	ng	100
75) Fluoranthene	12.627	202	1094071	50.405	ng	99
77) Benzidine	12.751	184	345841	74.970	ng	99
78) Pyrene	12.857	202	1112324	50.260	ng	99
80) Butylbenzylphthalate	13.474	149	332532	63.826	ng	99
81) Benzo(a)anthracene	14.045	228	745401	50.953	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	168786	43.445	ng	99
83) Chrysene	14.080	228	680006	49.804	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	361537	59.122	ng	99
85) Di-n-octyl phthalate	14.651	149	610338	52.131	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	717280	51.896	ng	98
88) Benzo(b)fluoranthene	15.098	252	698834	54.847	ng	99
89) Benzo(k)fluoranthene	15.127	252	543526	47.576	ng	99
90) Benzo(a)pyrene	15.468	252	597268	55.205	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	577715	50.720	ng	99
92) Benzo(g,h,i)perylene	17.468	276	546573	46.488	ng	99

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

Manual Integrations

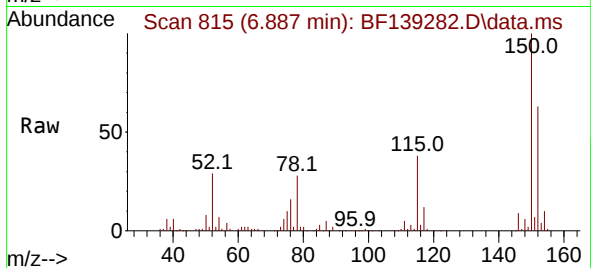
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

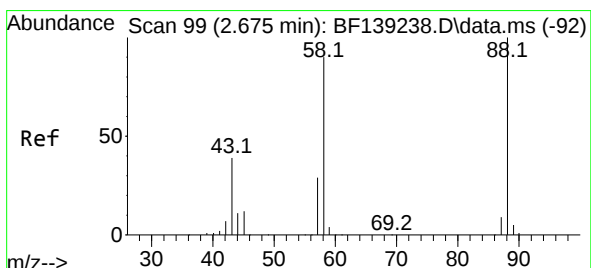
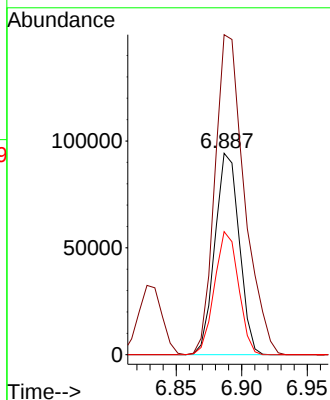
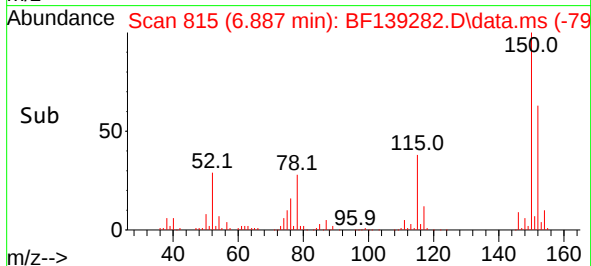
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:152 Resp: 121524
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.4
115 61.1 46.9 70.3

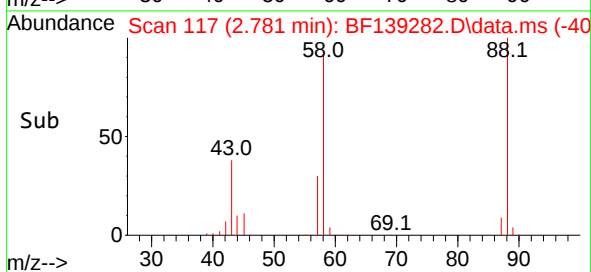
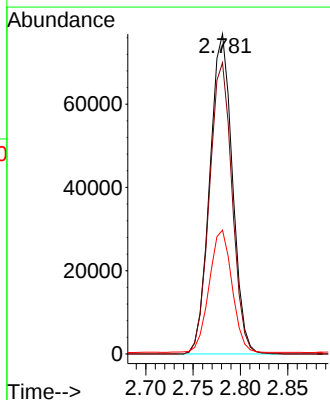
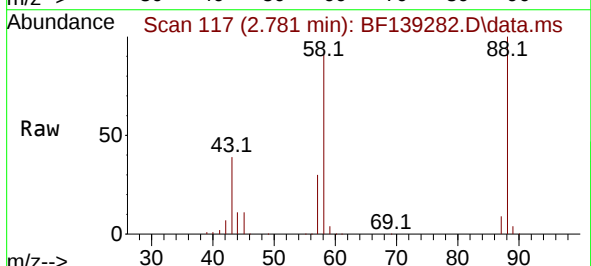
Manual Integrations
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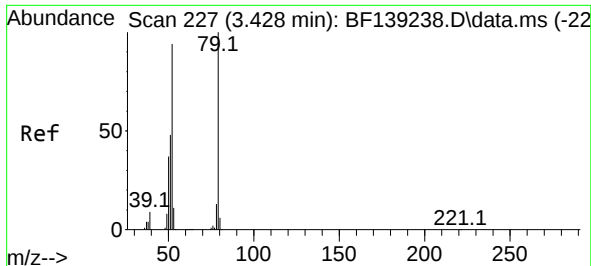
Reviewed By :Jagrut Upadhyay 09/10/2024
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#2
1,4-Dioxane
Concen: 37.708 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.106 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

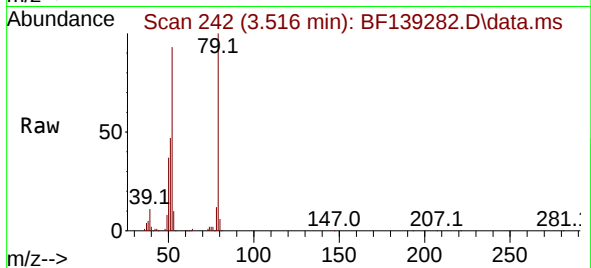
Tgt Ion: 88 Resp: 127565
Ion Ratio Lower Upper
88 100
58 91.3 72.5 108.7
43 38.5 31.4 47.2





#3
Pyridine
Concen: 41.675 ng
RT: 3.516 min Scan# 24
Delta R.T. 0.088 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

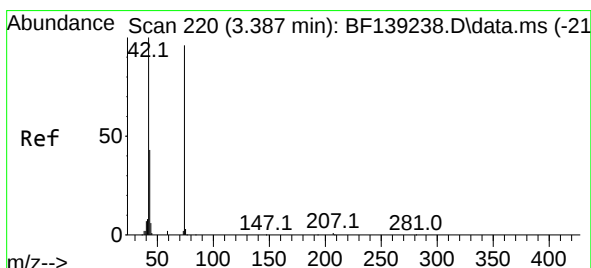
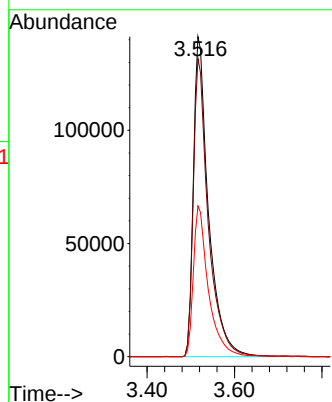
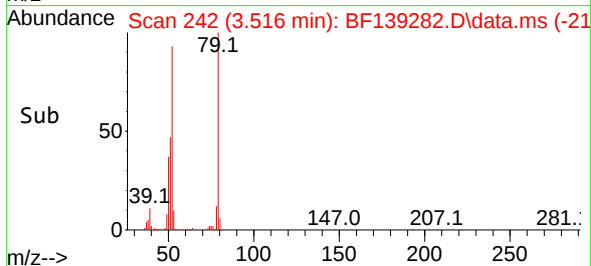
Instrument :
BNA_F
ClientSampleId :
PB163214BS



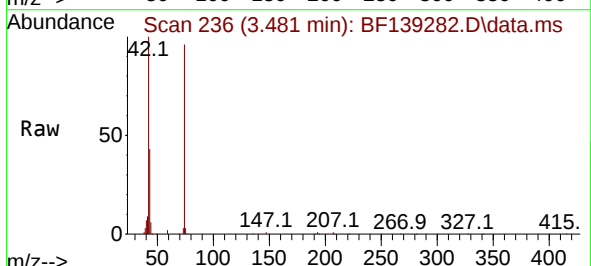
Tgt Ion: 79 Resp: 340315
Ion Ratio Lower Upper
79 100
52 93.2 75.3 112.9
51 47.1 38.2 57.2

Manual Integrations
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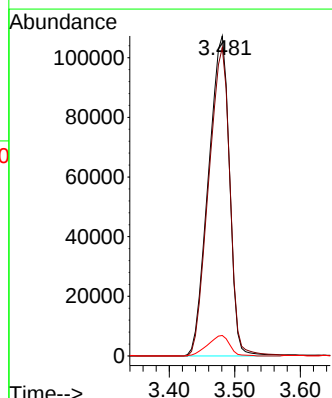
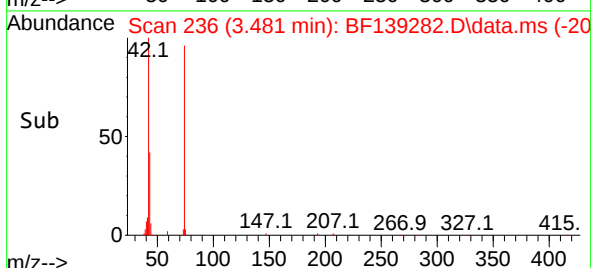
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Supervised By :mohammad ahmed 09/12/2024

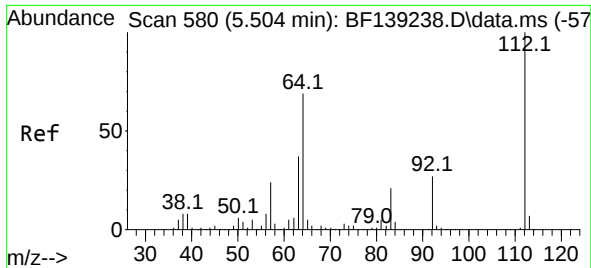


#4
n-Nitrosodimethylamine
Concen: 45.259 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.094 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion: 42 Resp: 239998
Ion Ratio Lower Upper
42 100
74 96.3 77.2 115.8
44 6.4 5.1 7.7





#5
2-Fluorophenol
Concen: 139.217 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

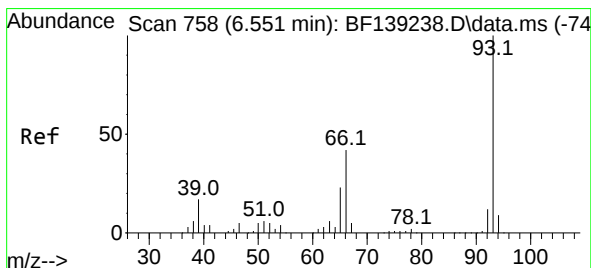
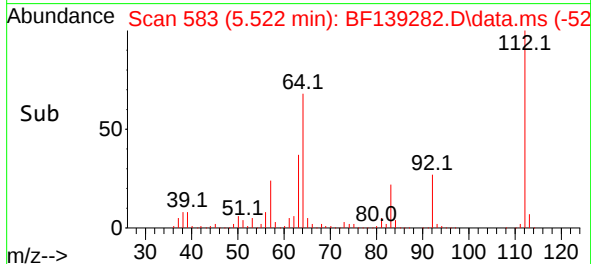
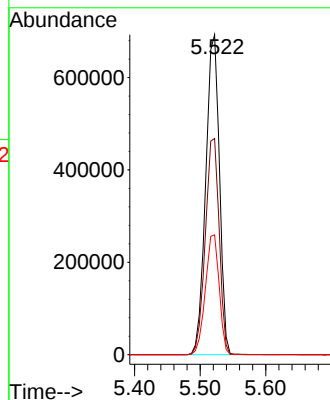
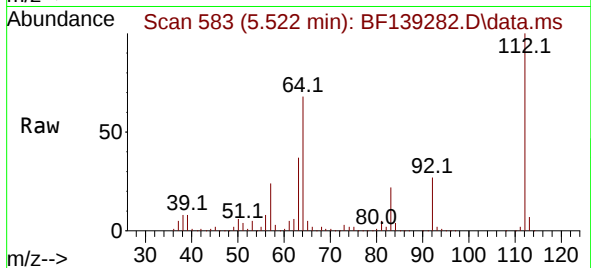
PB163214BS

Tgt Ion:112 Resp: 101132
Ion Ratio Lower Upper
112 100
64 67.5 55.0 82.4
63 37.5 29.9 44.9

Manual Integrations

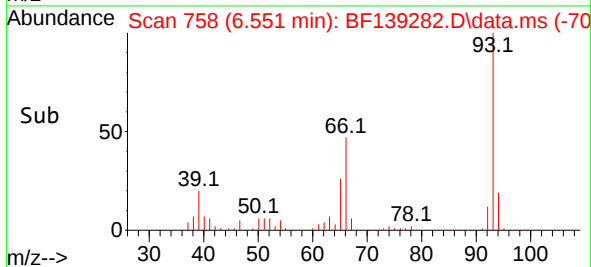
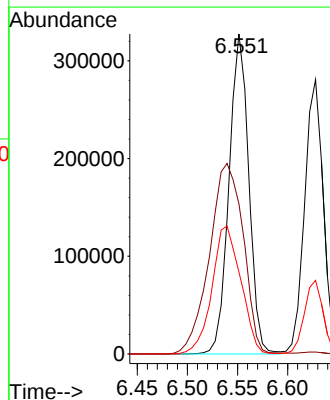
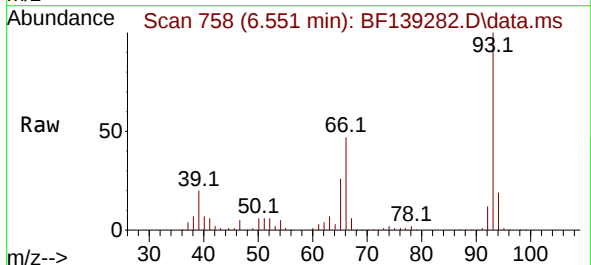
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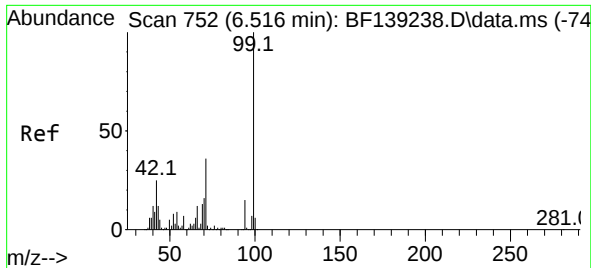
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#6
Aniline
Concen: 50.447 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

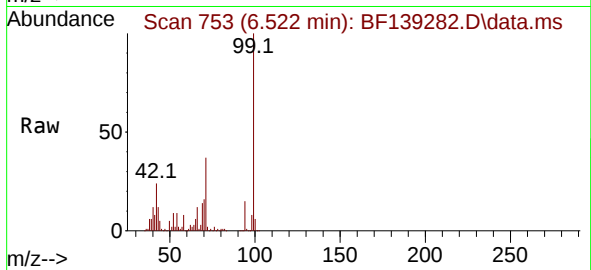
Tgt Ion: 93 Resp: 449876
Ion Ratio Lower Upper
93 100
66 47.0 34.4 51.6
65 25.6 18.2 27.4





#7
Phenol-d6
Concen: 138.807 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

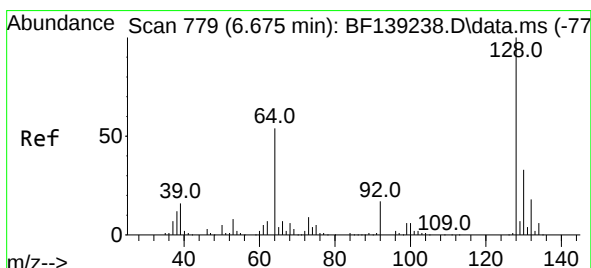
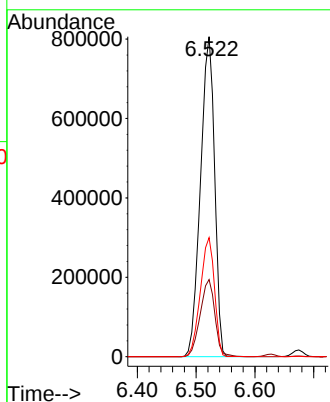
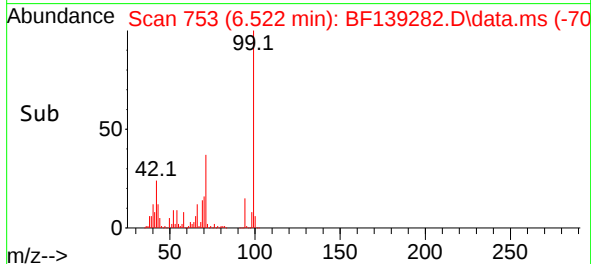
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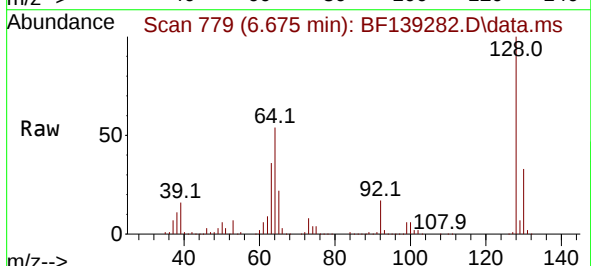
Tgt Ion: 99 Resp: 134613
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 37.2 28.8 43.2

Manual Integrations
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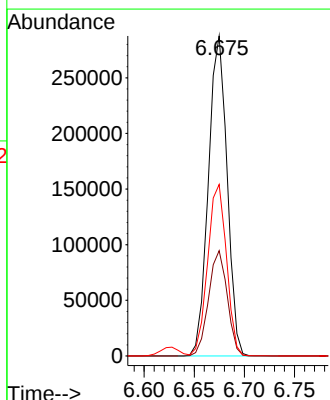
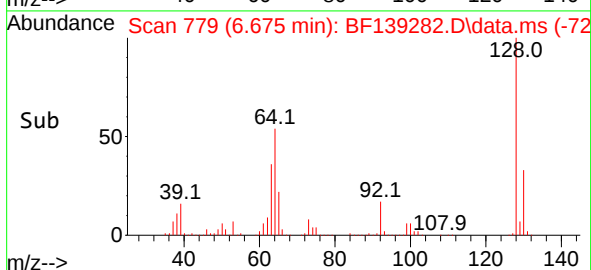
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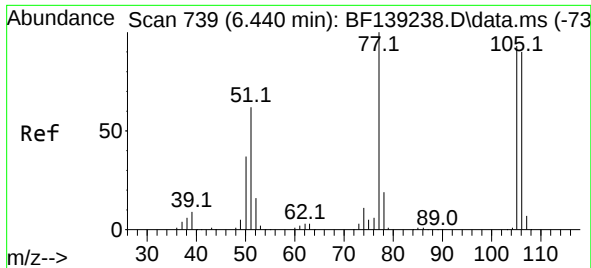


#8
2-Chlorophenol
Concen: 49.598 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:128 Resp: 373408
Ion Ratio Lower Upper
128 100
130 32.9 12.7 52.7
64 53.6 36.6 76.6





#9
Benzaldehyde
Concen: 15.874 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

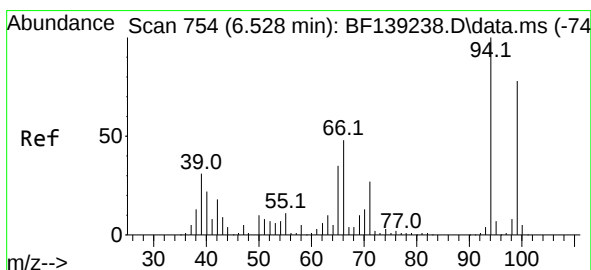
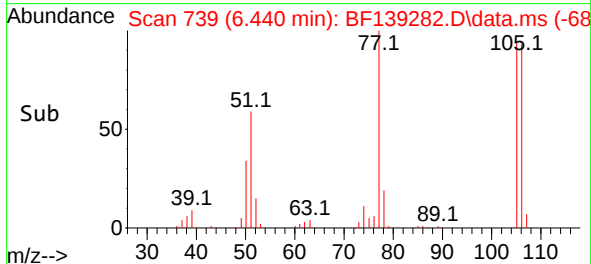
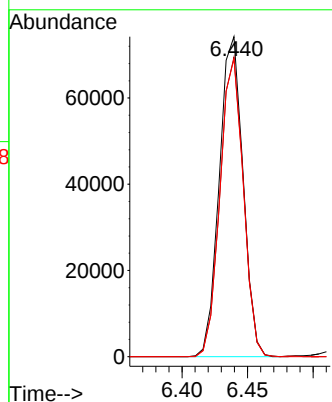
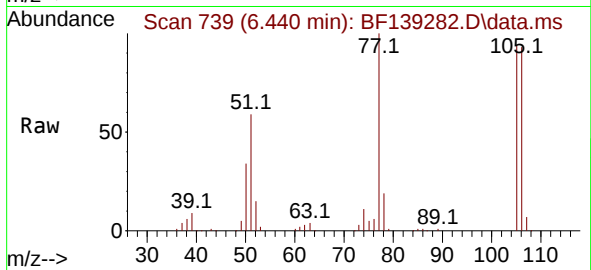
PB163214BS

Tgt Ion: 77 Resp: 9318
Ion Ratio Lower Upper
77 100
105 93.6 72.9 112.9
106 93.1 69.6 109.6

Manual Integrations

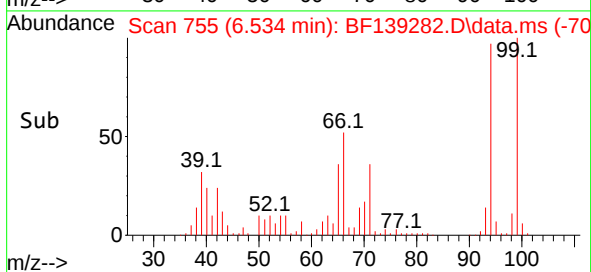
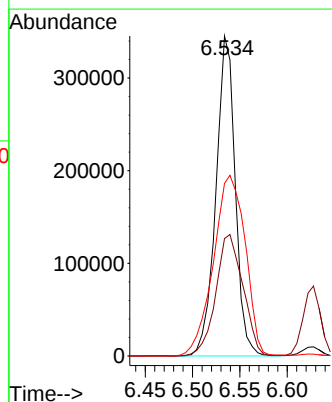
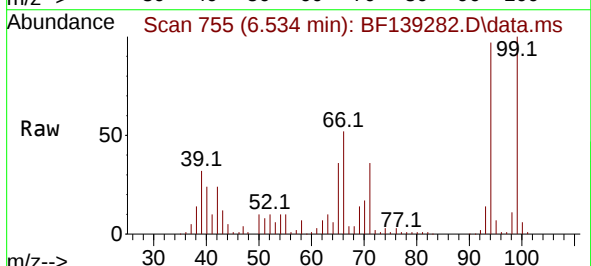
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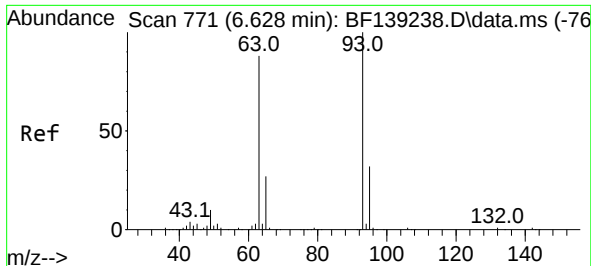
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#10
Phenol
Concen: 48.106 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

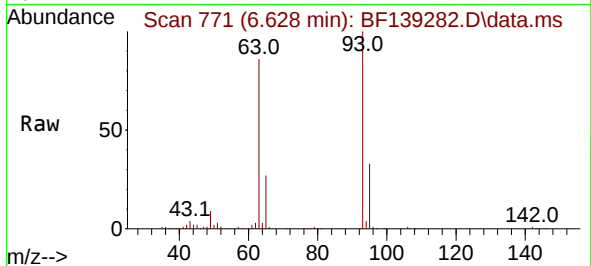
Tgt Ion: 94 Resp: 492092
Ion Ratio Lower Upper
94 100
65 36.7 14.7 54.7
66 54.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 48.481 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

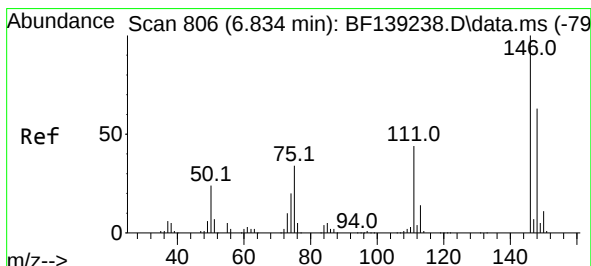
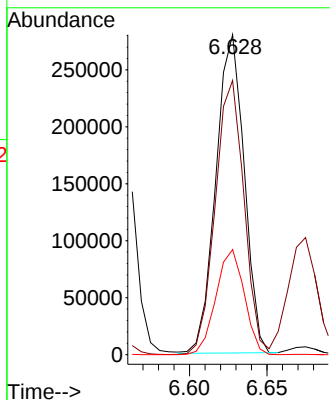
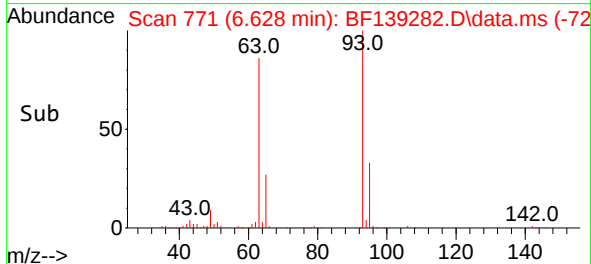
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion: 93 Resp: 35529
Ion Ratio Lower Upper
93 100
63 85.7 67.1 107.1
95 32.8 12.2 52.2

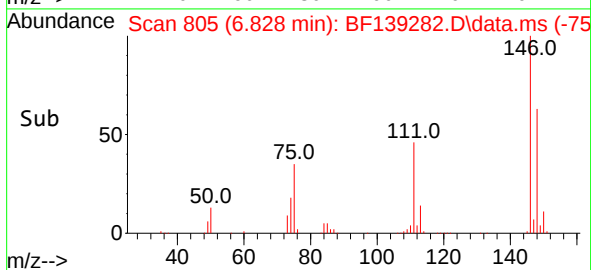
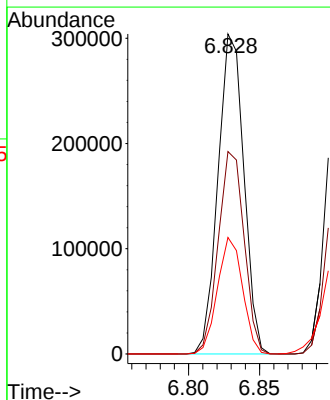
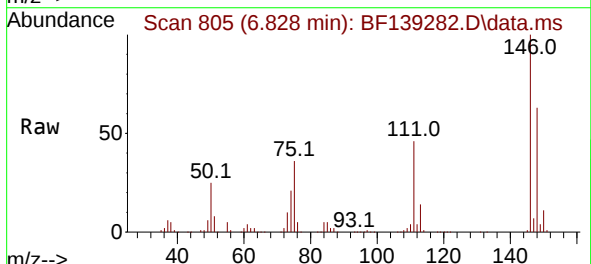
Manual Integrations
APPROVED

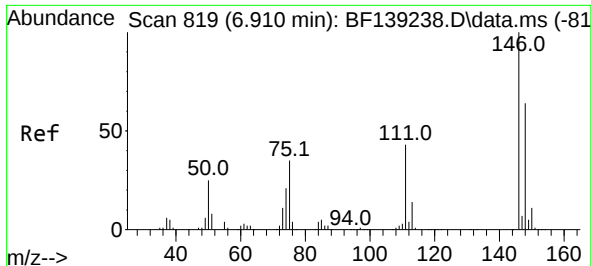
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#12
1,3-Dichlorobenzene
Concen: 45.122 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

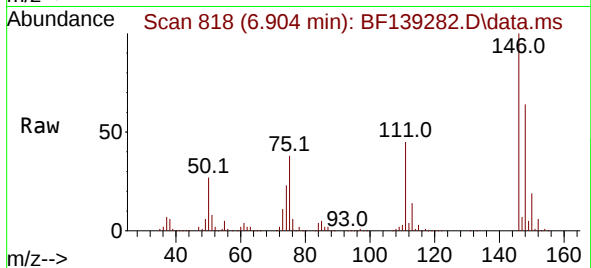
Tgt Ion:146 Resp: 384512
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
75 36.4 27.3 40.9





#13
1,4-Dichlorobenzene
Concen: 45.629 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

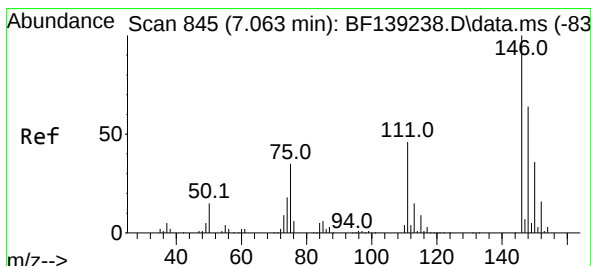
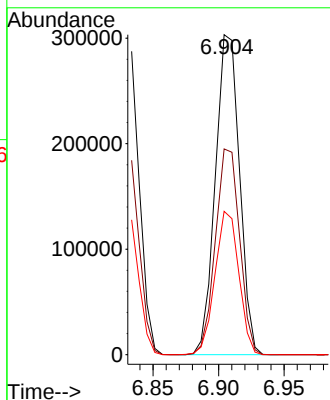
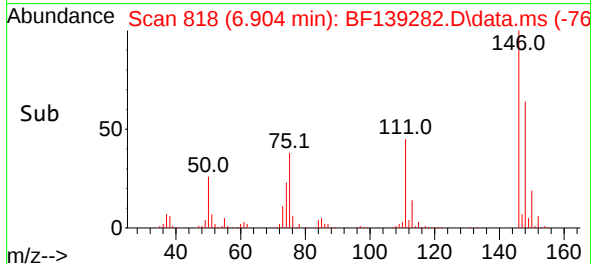
Instrument :
BNA_F
ClientSampleId :
PB163214BS



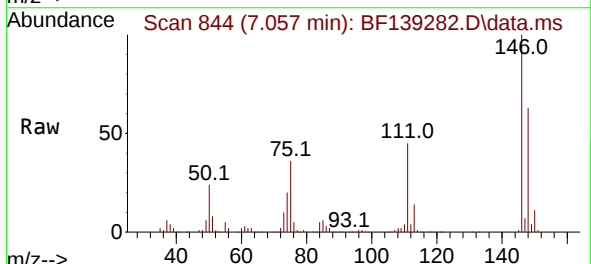
Tgt Ion:146 Resp: 38918
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 44.8 34.6 51.8

Manual Integrations
APPROVED

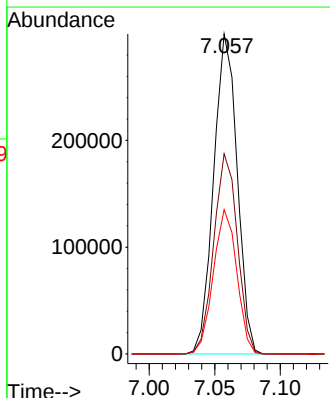
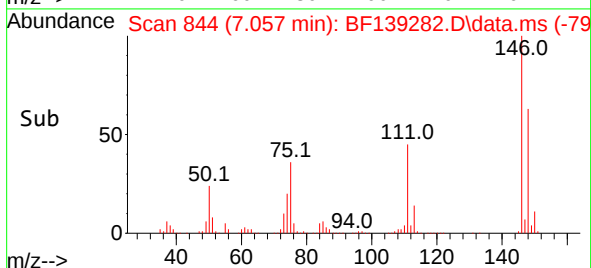
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

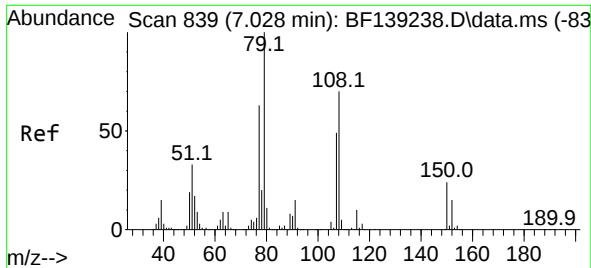


#14
1,2-Dichlorobenzene
Concen: 46.977 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



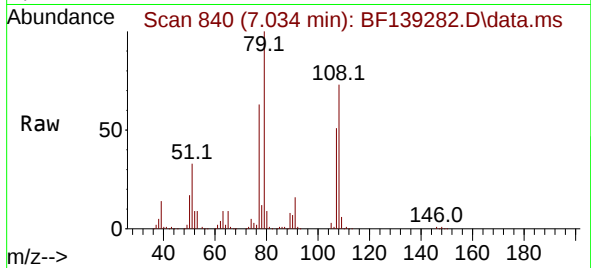
Tgt Ion:146 Resp: 373700
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
111 45.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 50.165 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

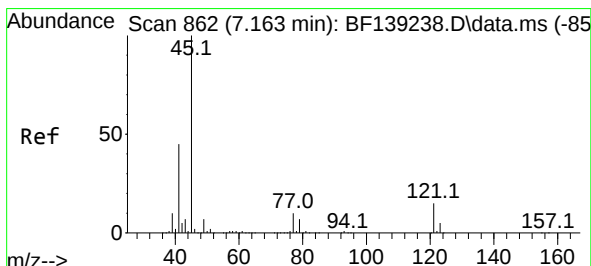
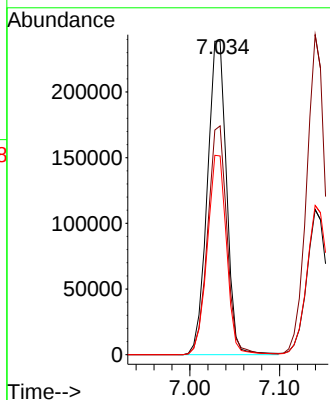
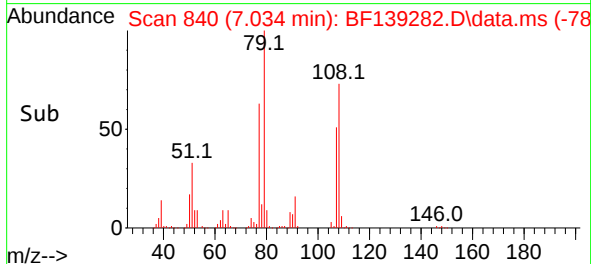
Instrument :
BNA_F
ClientSampleId :
PB163214BS



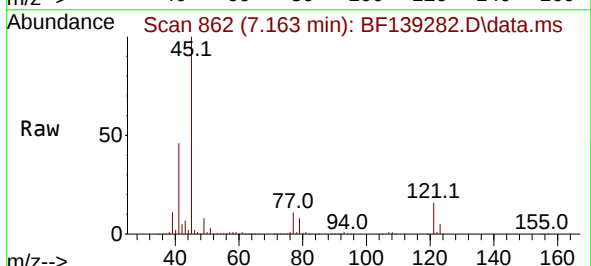
Tgt Ion: 79 Resp: 35478
Ion Ratio Lower Upper
79 100
108 73.0 56.1 84.1
77 63.4 50.6 76.0

Manual Integrations
APPROVED

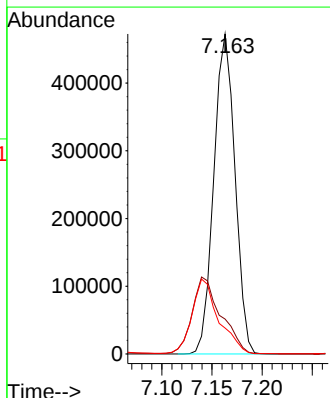
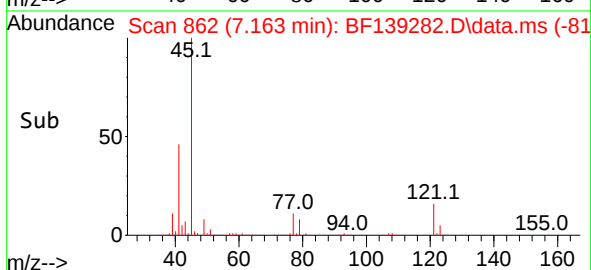
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

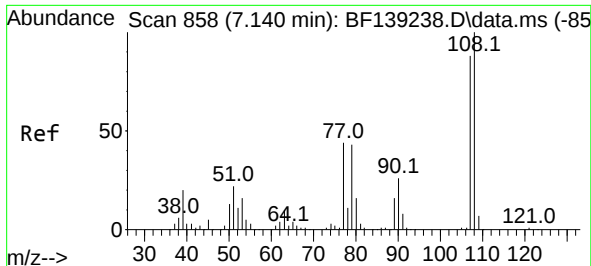


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.733 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion: 45 Resp: 693816
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.0
79 8.1 0.0 27.6





#17
2-Methylphenol
Concen: 49.211 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

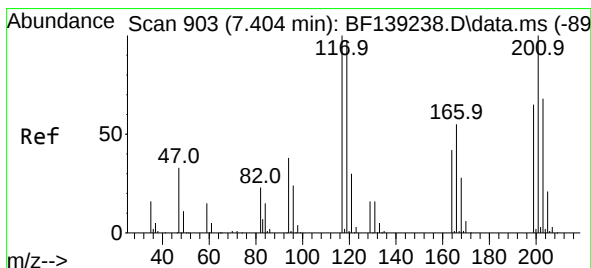
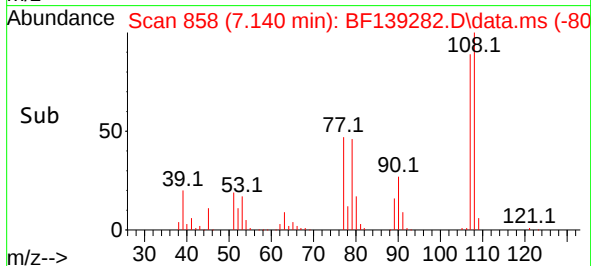
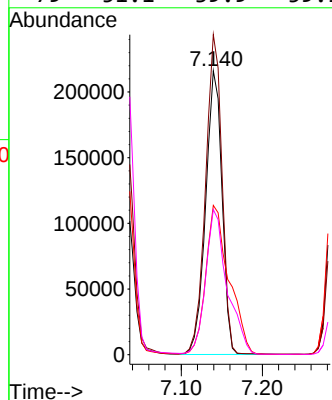
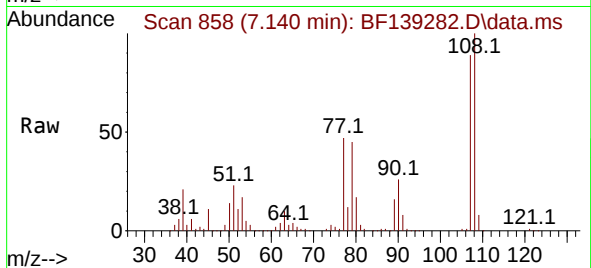
PB163214BS

Tgt Ion:107 Resp: 302638
Ion Ratio Lower Upper
107 100
108 112.7 91.4 137.2
77 52.6 40.1 60.1
79 51.1 39.9 59.9

Manual Integrations

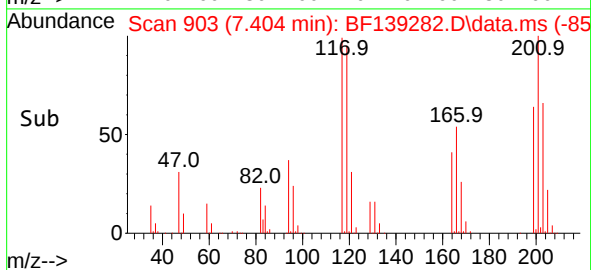
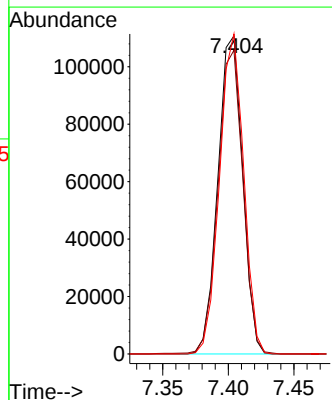
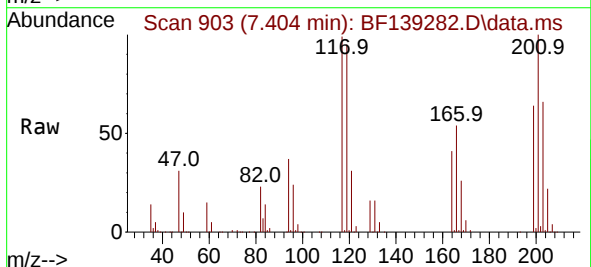
APPROVED

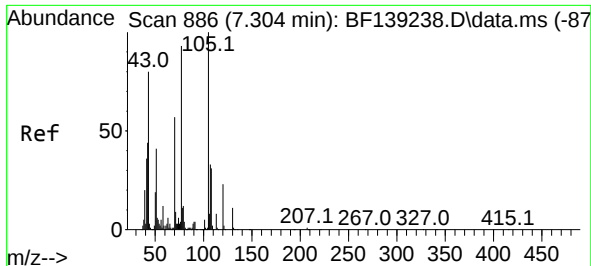
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#18
Hexachloroethane
Concen: 47.739 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:117 Resp: 145429
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 100.6 80.0 120.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.894 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

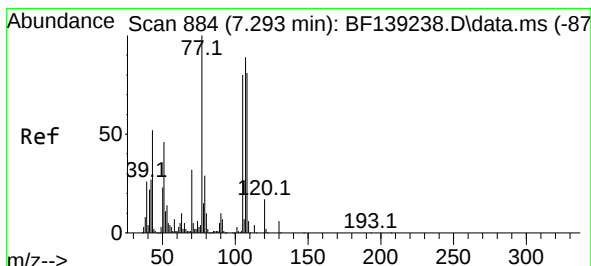
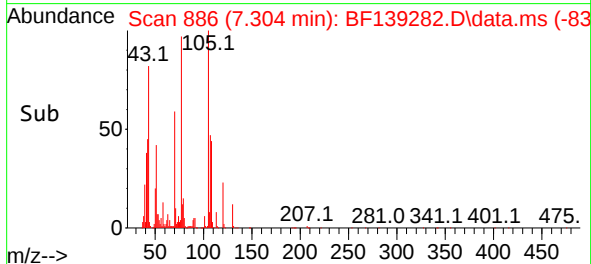
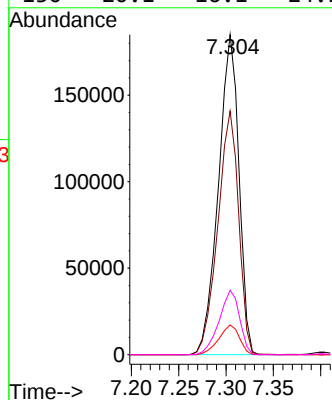
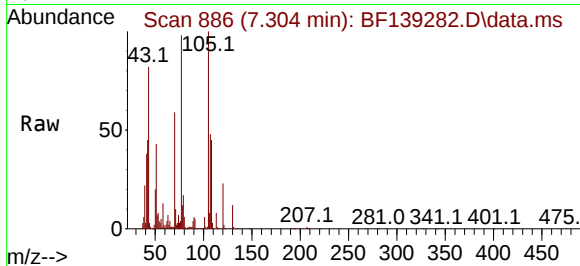
ClientSampleId :

PB163214BS

Tgt Ion: 70 Resp: 278670
Ion Ratio Lower Upper
70 100
42 76.2 61.0 91.6
101 9.3 7.2 10.8
130 20.1 16.1 24.1

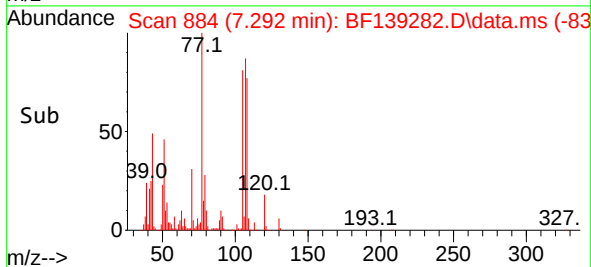
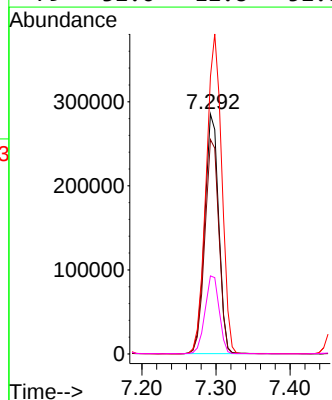
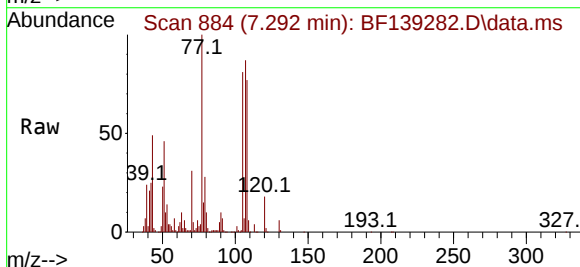
Manual Integrations
APPROVED

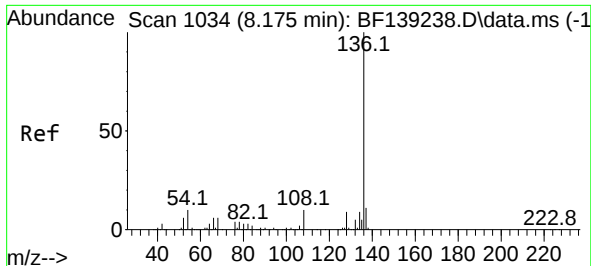
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#20
3+4-Methylphenols
Concen: 48.494 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:107 Resp: 375859
Ion Ratio Lower Upper
107 100
108 89.4 70.4 110.4
77 115.6 92.2 132.2
79 32.6 12.8 52.8





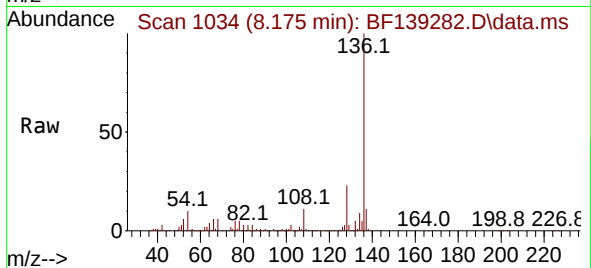
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

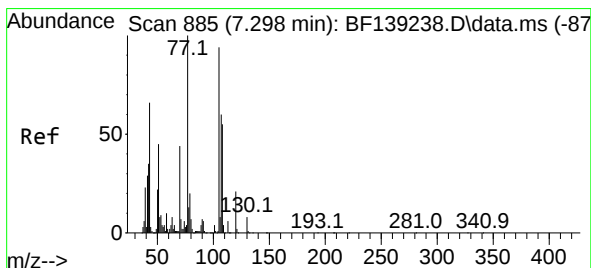
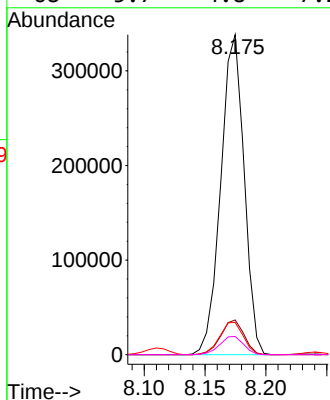
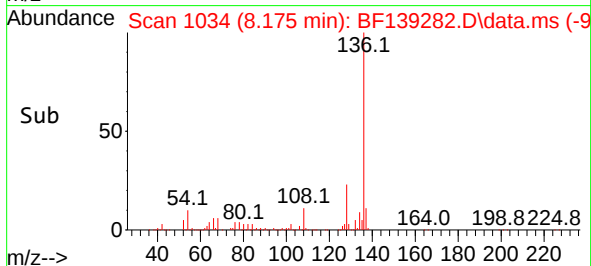


Tgt Ion:136 Resp: 451152
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.4 12.6
68 5.7 4.8 7.2

Manual Integrations

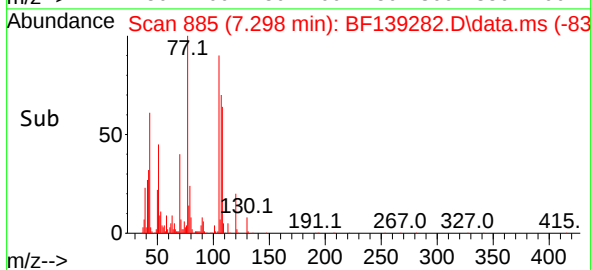
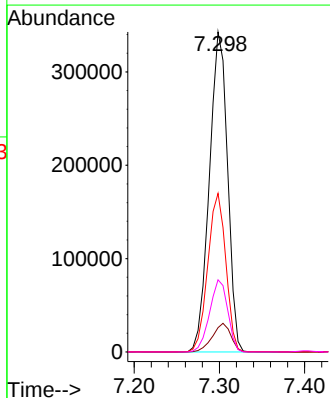
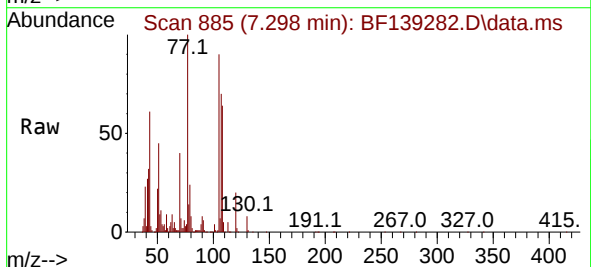
APPROVED

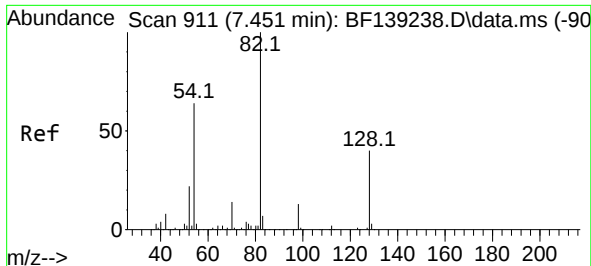
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#22
Acetophenone
Concen: 47.363 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

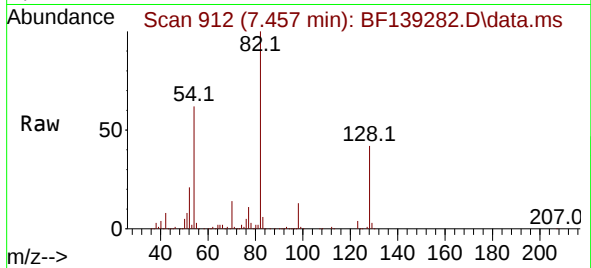
Tgt Ion:105 Resp: 509058
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 49.5 38.2 57.2
120 22.6 17.7 26.5





#23
Nitrobenzene-d5
Concen: 99.866 ng
RT: 7.457 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

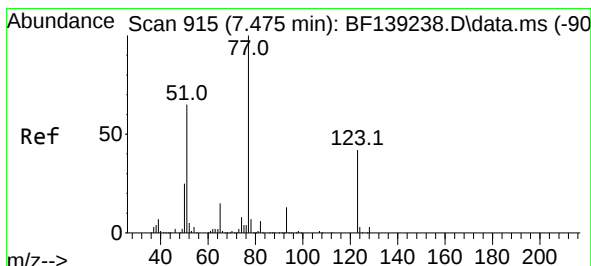
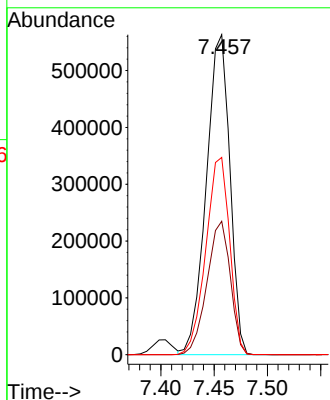
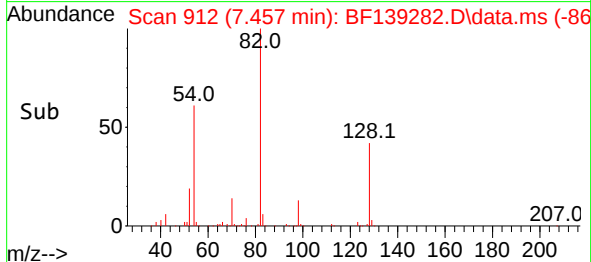
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion: 82 Resp: 866050
Ion Ratio Lower Upper
82 100
128 41.7 32.3 48.5
54 61.6 51.2 76.8

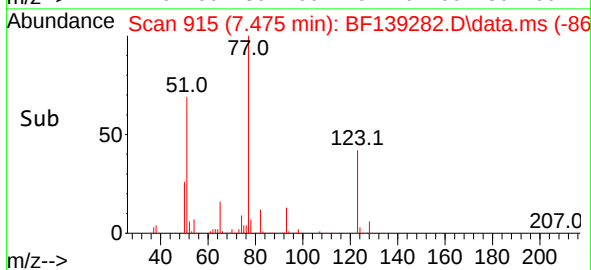
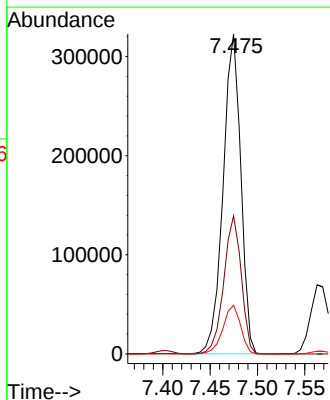
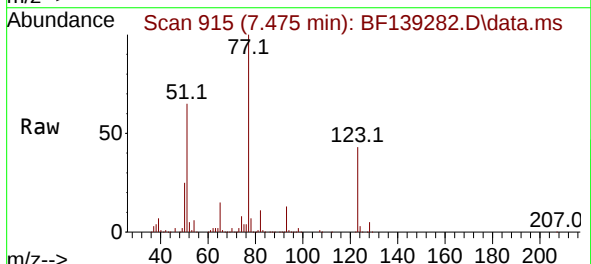
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#24
Nitrobenzene
Concen: 45.581 ng
RT: 7.475 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 77 Resp: 419551
Ion Ratio Lower Upper
77 100
123 43.1 34.0 51.0
65 15.2 12.1 18.1





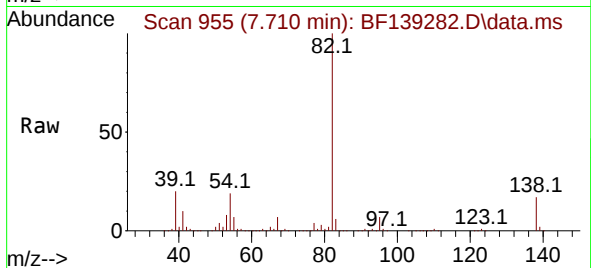
#25
Isophorone
Concen: 50.315 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

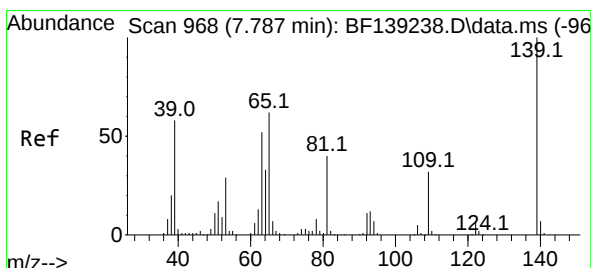
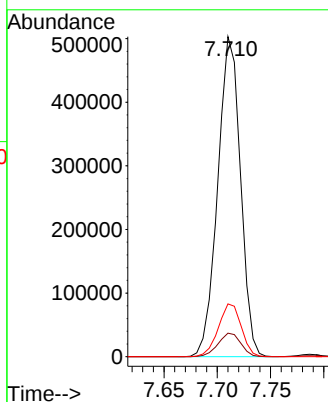
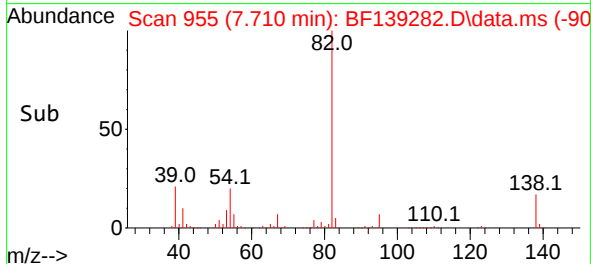


Tgt Ion: 82 Resp: 74599
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.5 13.4 20.0

Manual Integrations

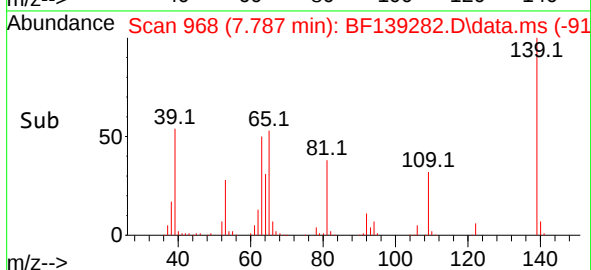
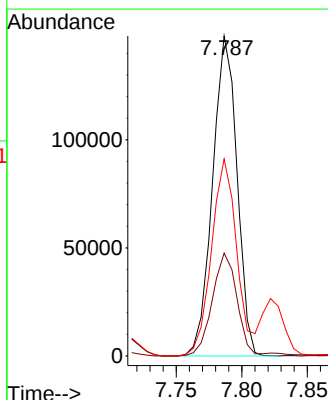
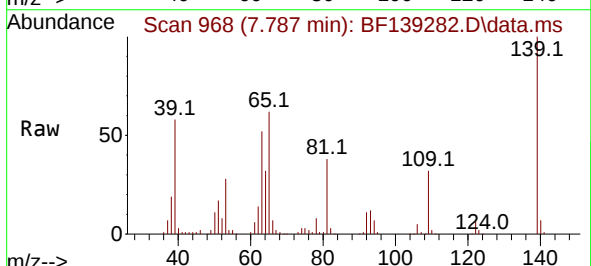
APPROVED

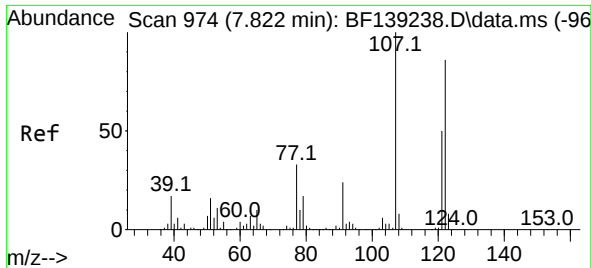
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#26
2-Nitrophenol
Concen: 53.009 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

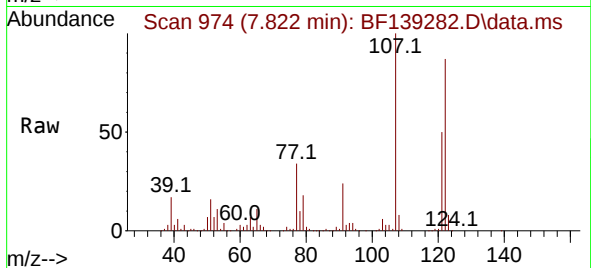
Tgt Ion:139 Resp: 191637
Ion Ratio Lower Upper
139 100
109 32.1 25.4 38.2
65 61.6 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 60.407 ng
RT: 7.822 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

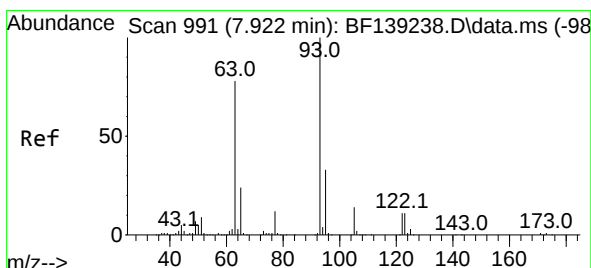
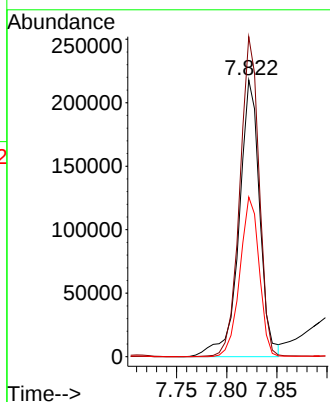
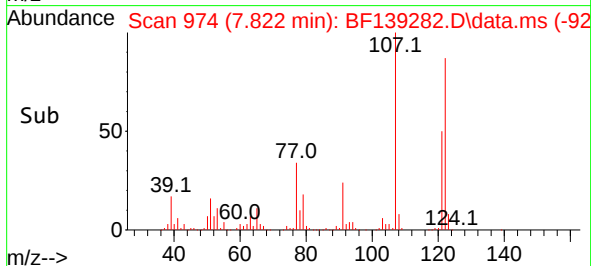
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:122 Resp: 311454
Ion Ratio Lower Upper
122 100
107 115.6 93.4 140.2
121 57.7 46.6 70.0

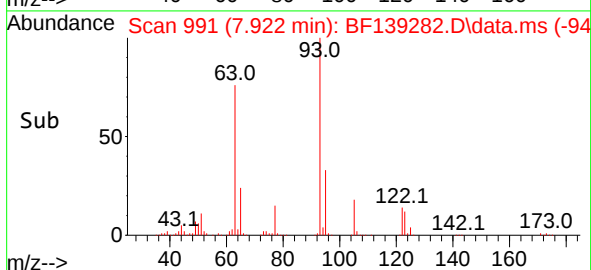
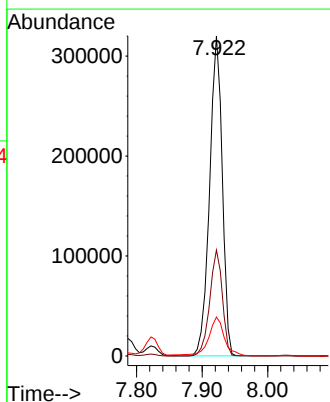
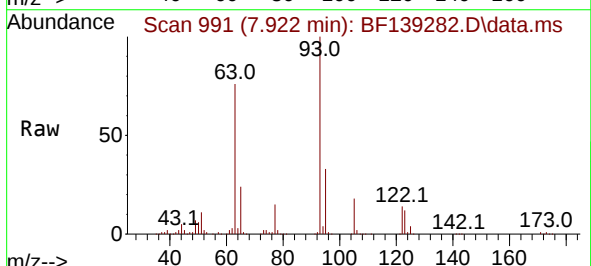
Manual Integrations
APPROVED

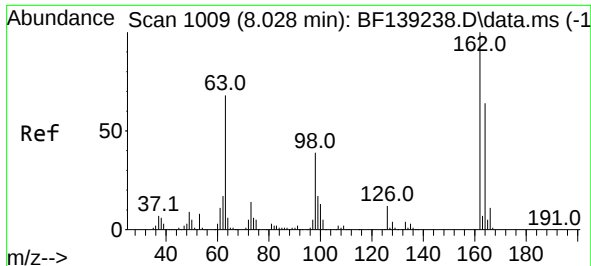
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.684 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion: 93 Resp: 430051
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 50.180 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

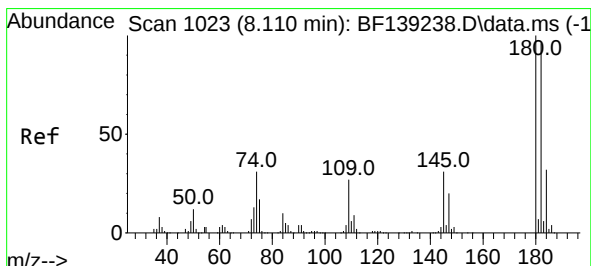
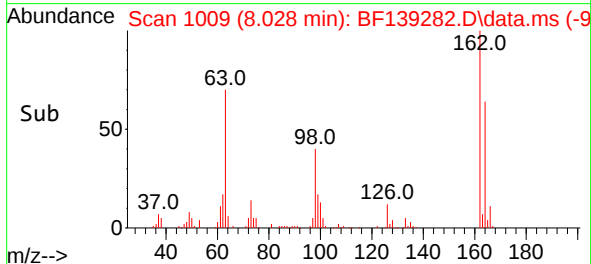
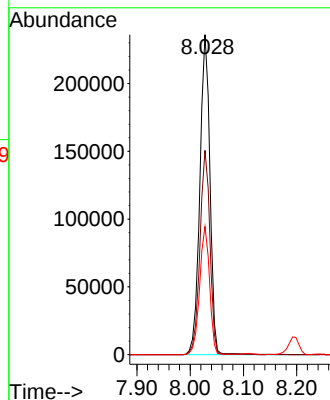
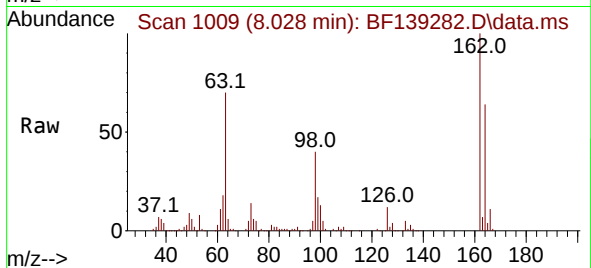
Tgt Ion:162 Resp: 309779

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	40.1	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.665 ng

RT: 8.110 min Scan# 1023

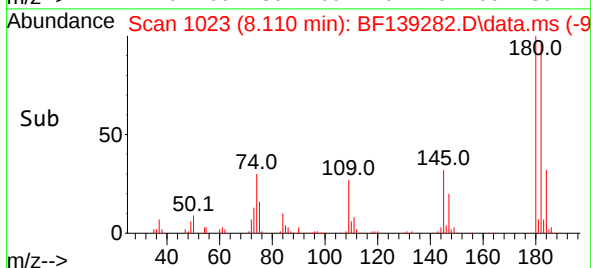
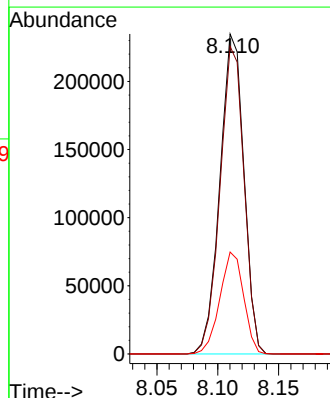
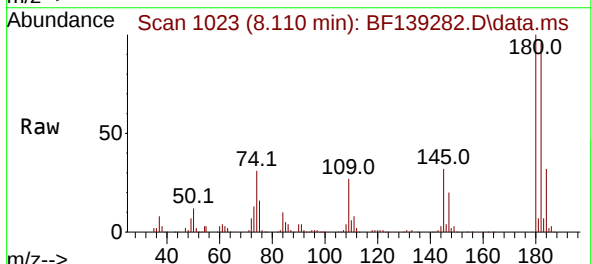
Delta R.T. -0.000 min

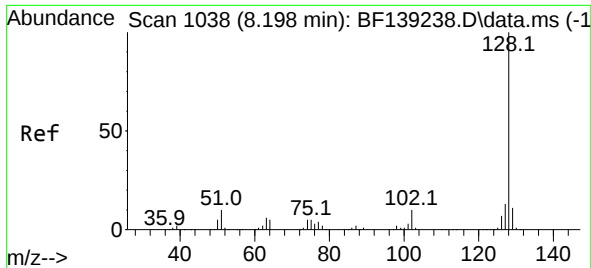
Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion:180 Resp: 321964

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
145	31.8	25.1	37.7





#31
Naphthalene
Concen: 47.617 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

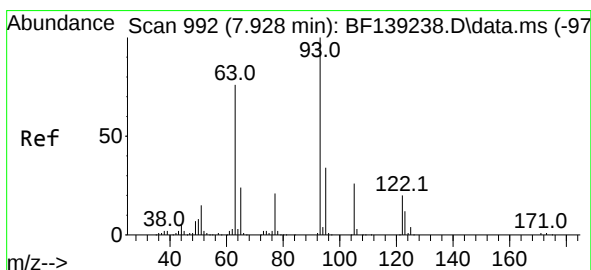
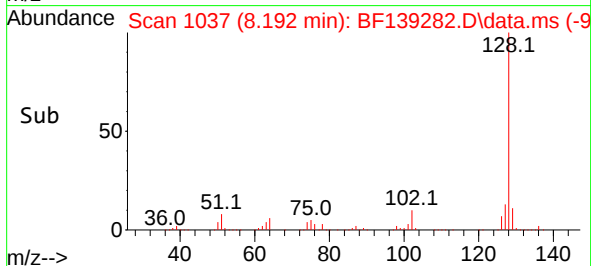
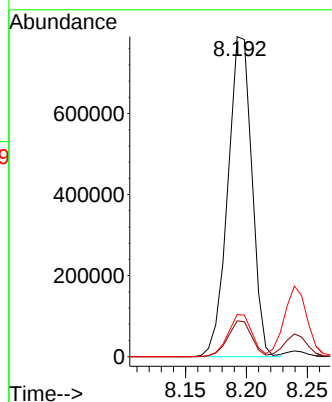
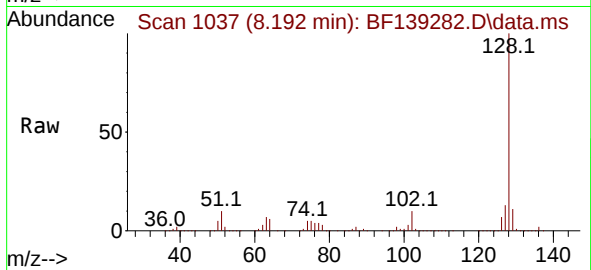
PB163214BS

Tgt Ion:128 Resp: 108791
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.6 15.8

Manual Integrations

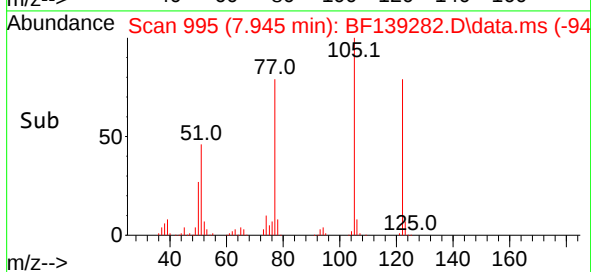
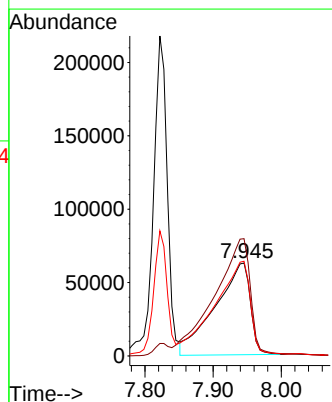
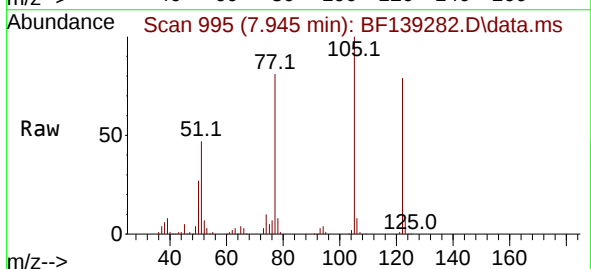
APPROVED

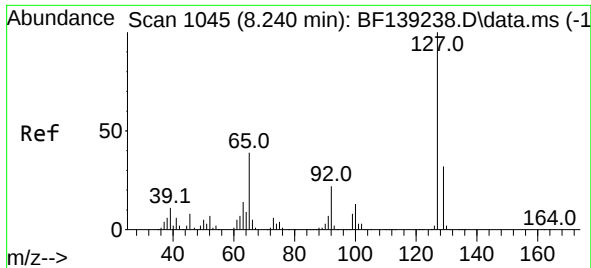
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#32
Benzoic acid
Concen: 47.660 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.017 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:122 Resp: 223826
Ion Ratio Lower Upper
122 100
105 126.3 106.3 146.3
77 102.0 84.1 124.1





#33
4-Chloroaniline
Concen: 29.475 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

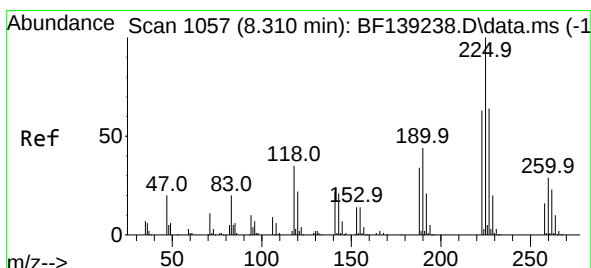
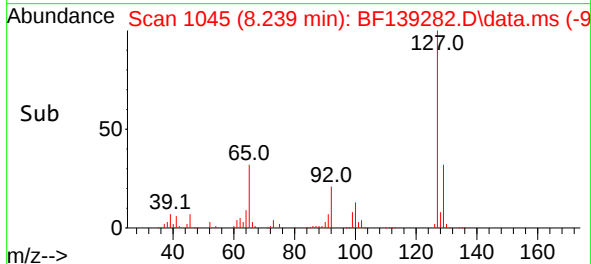
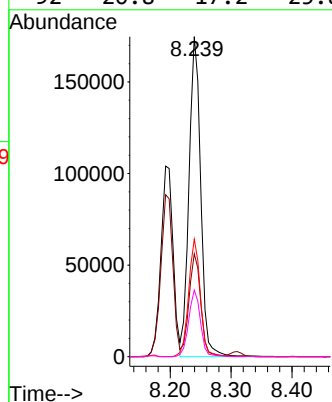
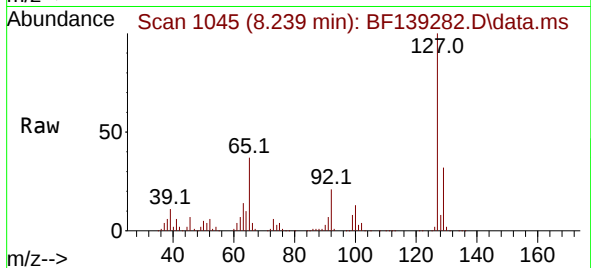
PB163214BS

Tgt Ion:127 Resp: 233170
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.6
65 36.7 30.6 45.8
92 20.8 17.2 25.8

Manual Integrations

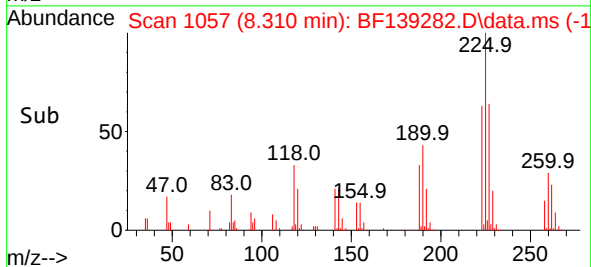
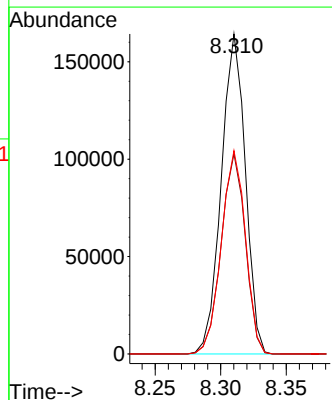
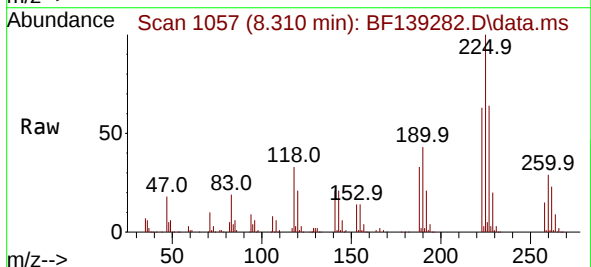
APPROVED

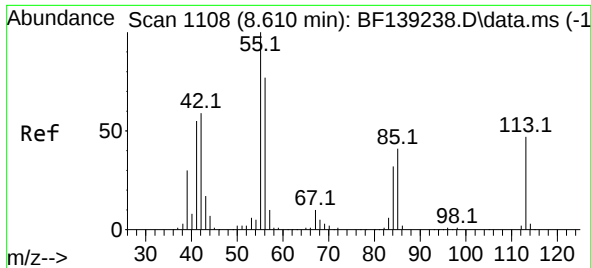
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#34
Hexachlorobutadiene
Concen: 46.907 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

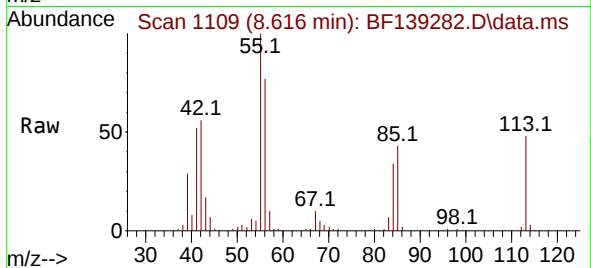
Tgt Ion:225 Resp: 209566
Ion Ratio Lower Upper
225 100
223 62.5 50.7 76.1
227 63.6 51.5 77.3





#35
Caprolactam
Concen: 51.991 ng m
RT: 8.616 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

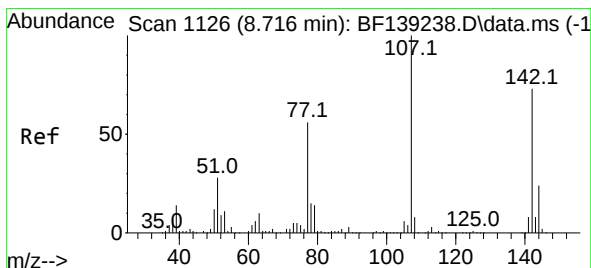
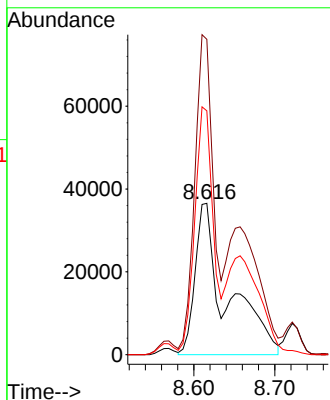
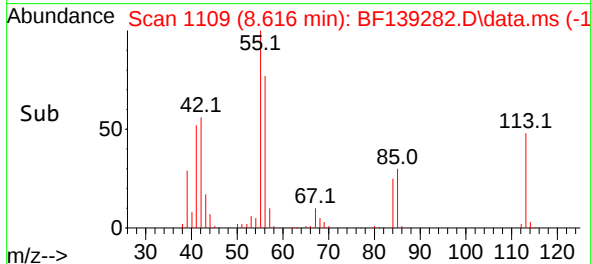
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:113 Resp: 9936
Ion Ratio Lower Upper
113 100
55 208.5 193.7 233.7
56 161.1 145.0 185.0

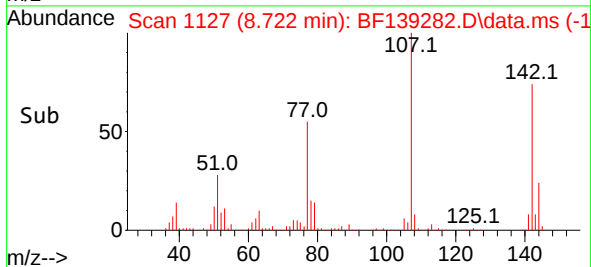
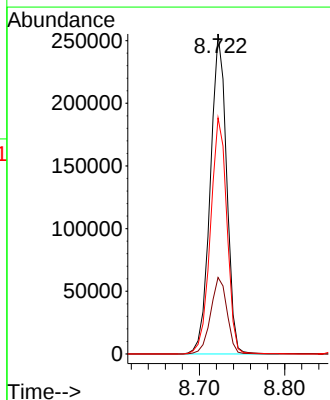
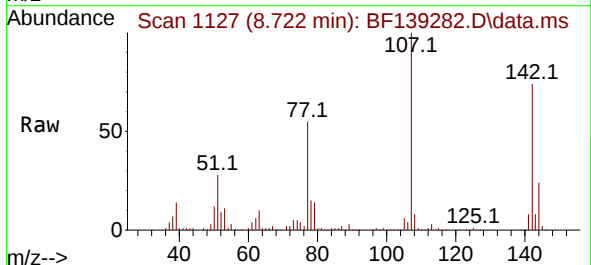
Manual Integrations
APPROVED

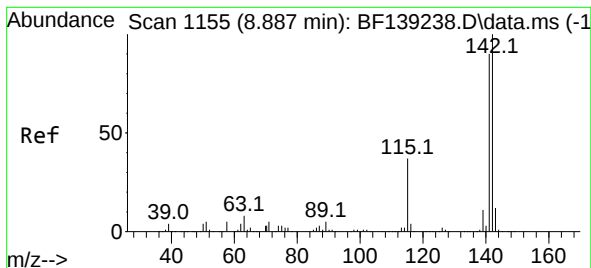
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#36
4-Chloro-3-methylphenol
Concen: 50.375 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:107 Resp: 338886
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 73.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 49.051 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion:142 Resp: 701139

Ion Ratio Lower Upper

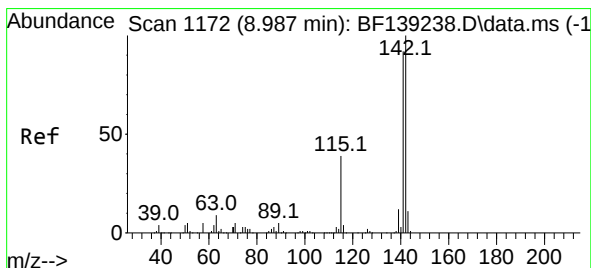
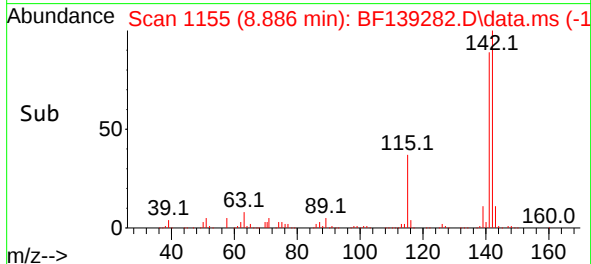
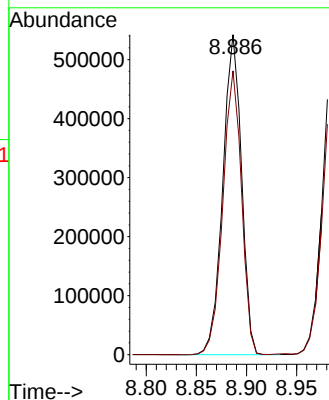
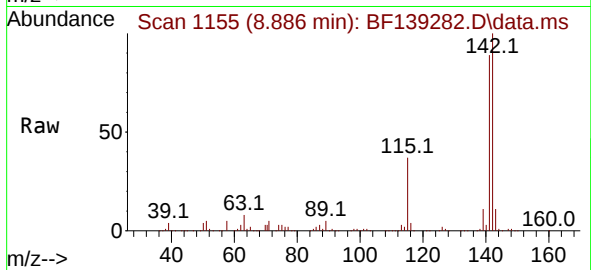
142 100

141 88.7 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#38

1-Methylnaphthalene

Concen: 46.615 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF139282.D

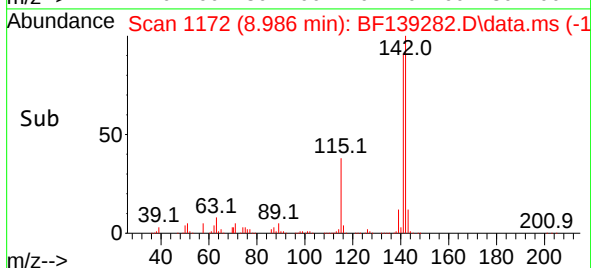
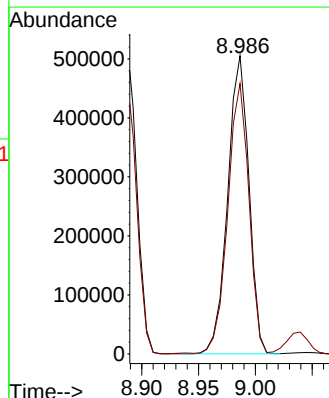
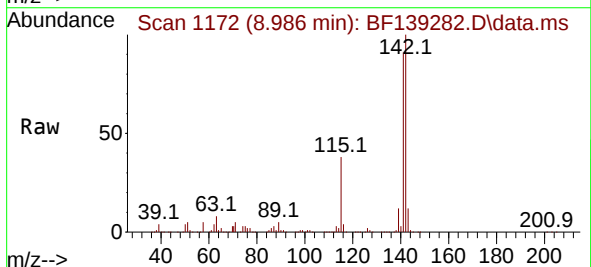
Acq: 09 Sep 2024 14:45

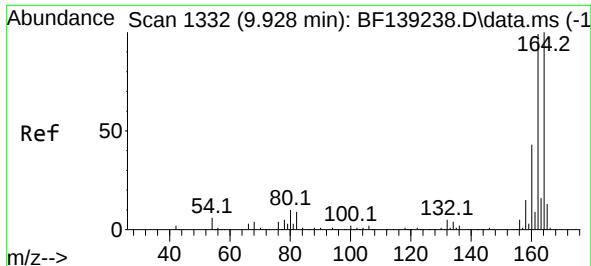
Tgt Ion:142 Resp: 655321

Ion Ratio Lower Upper

142 100

141 90.6 73.5 110.3





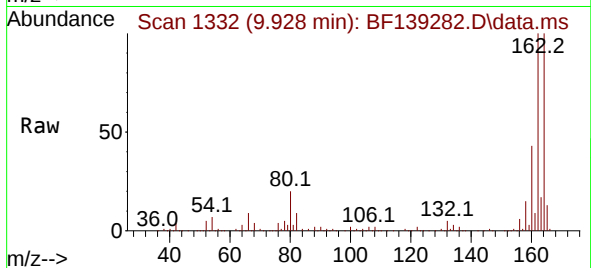
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

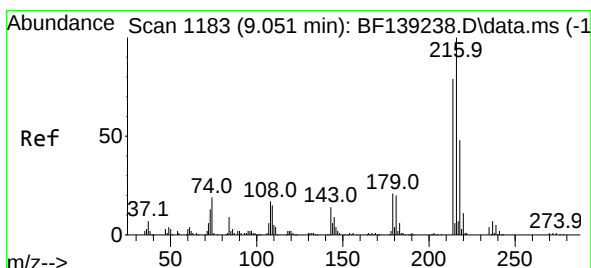
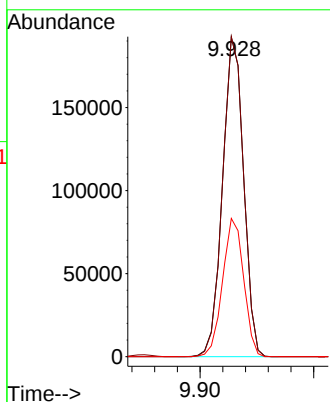
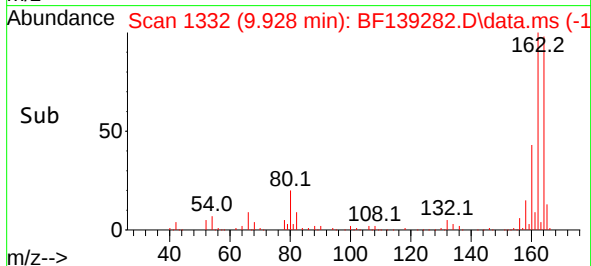


Tgt Ion:164 Resp: 247423
Ion Ratio Lower Upper
164 100
162 100.2 79.2 118.8
160 43.3 34.2 51.2

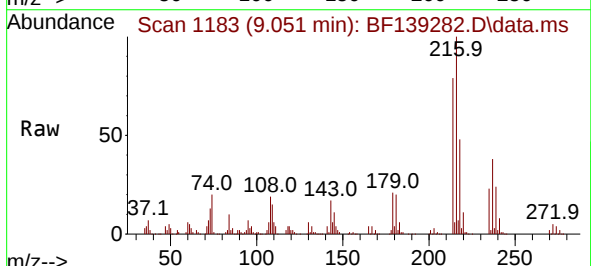
Manual Integrations

APPROVED

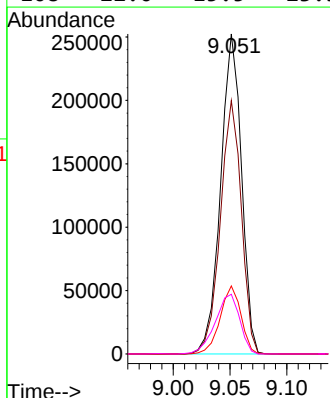
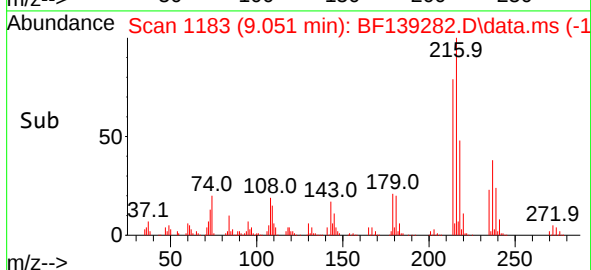
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

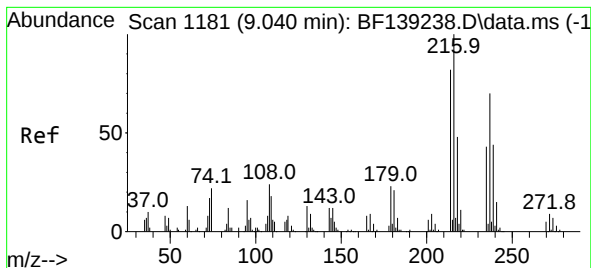


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.079 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:216 Resp: 322566
Ion Ratio Lower Upper
216 100
214 79.5 63.8 95.8
179 21.2 16.9 25.3
108 22.0 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 181.675 ng

RT: 9.039 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion:237 Resp: 408718

Ion Ratio Lower Upper

237 100

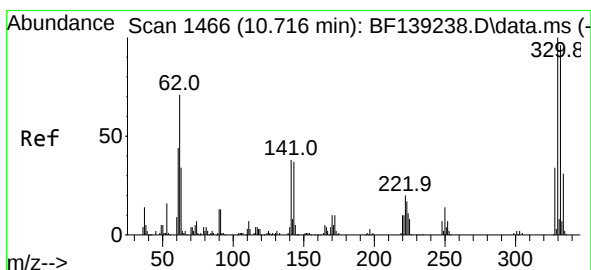
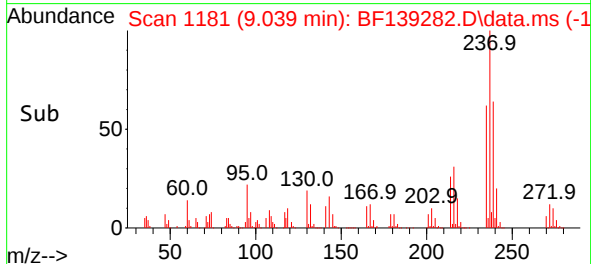
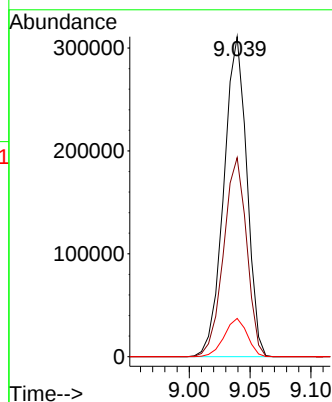
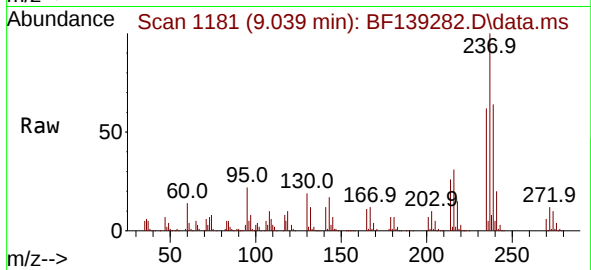
235 62.2 41.4 81.4

272 12.0 0.0 32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#42

2,4,6-Tribromophenol

Concen: 157.163 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

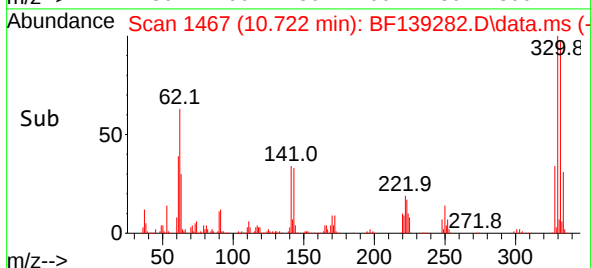
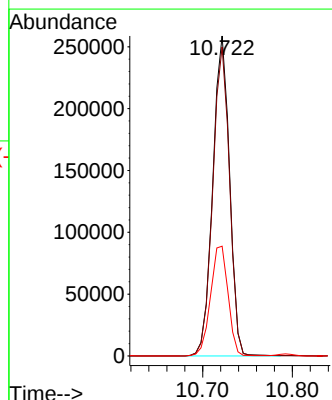
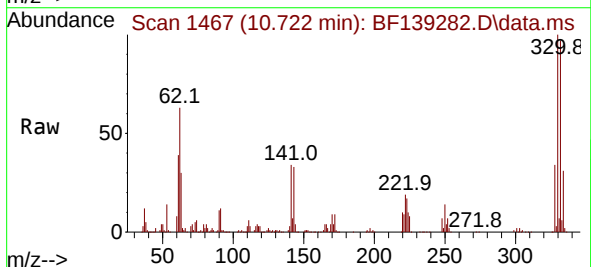
Tgt Ion:330 Resp: 335784

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 36.0 30.1 45.1





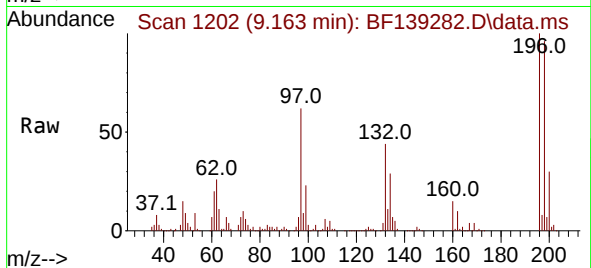
#43
2,4,6-Trichlorophenol
Concen: 50.897 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

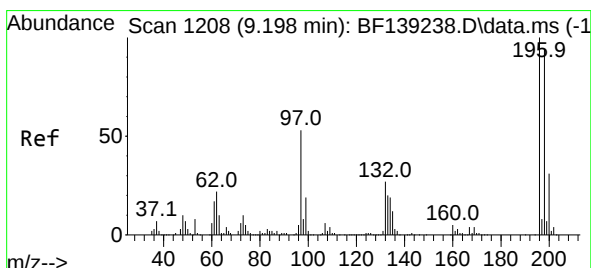
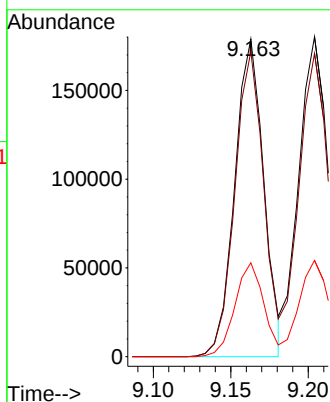
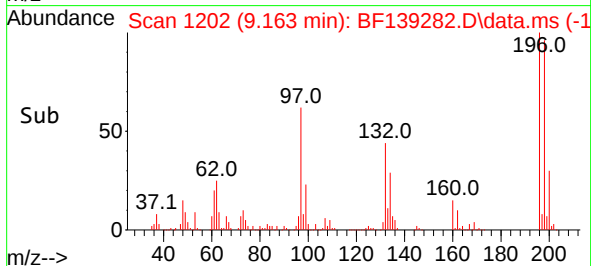


Tgt Ion:196 Resp: 23311
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
200 29.6 24.7 37.1

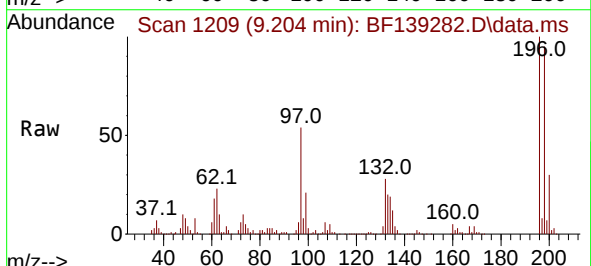
Manual Integrations

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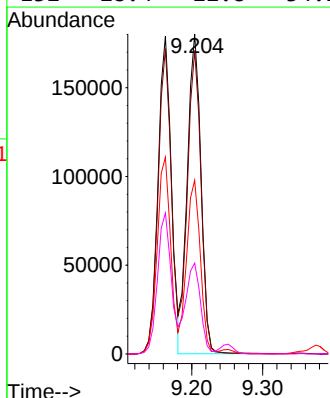
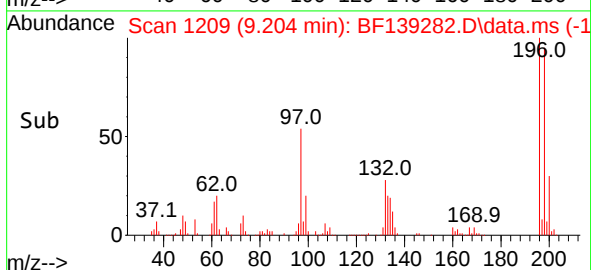
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

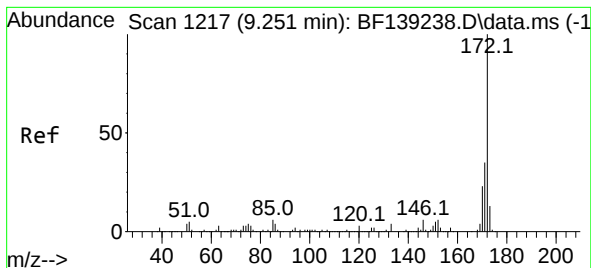


#44
2,4,5-Trichlorophenol
Concen: 50.317 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:196 Resp: 241505
Ion Ratio Lower Upper
196 100
198 94.8 75.6 113.4
97 54.3 43.6 65.4
132 28.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 97.366 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion:172 Resp: 1560634

Ion Ratio Lower Upper

172 100

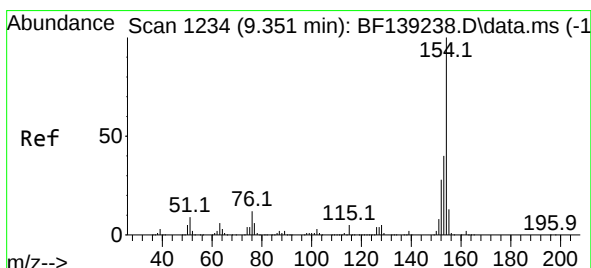
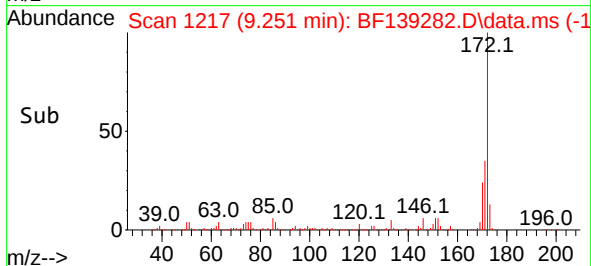
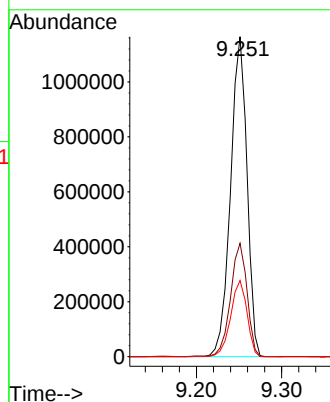
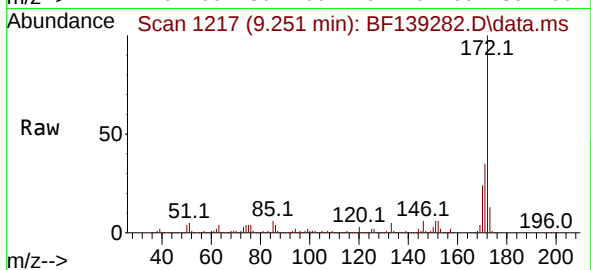
171 35.5 28.3 42.5

170 23.8 18.7 28.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#46

1,1'-Biphenyl

Concen: 47.080 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

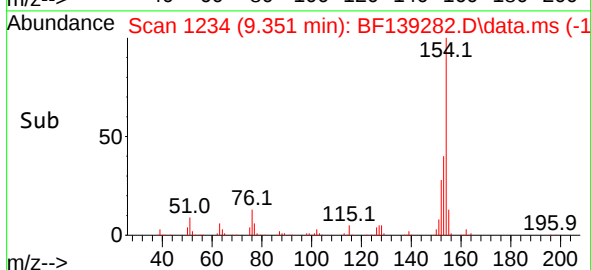
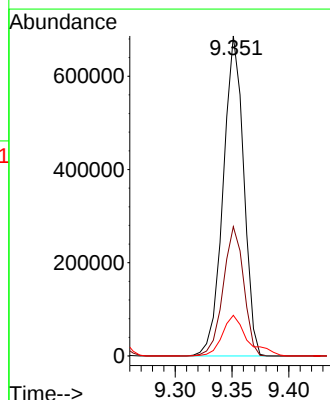
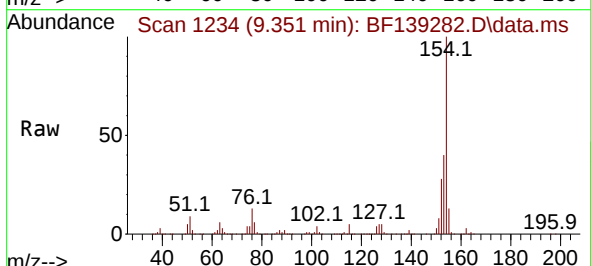
Tgt Ion:154 Resp: 863058

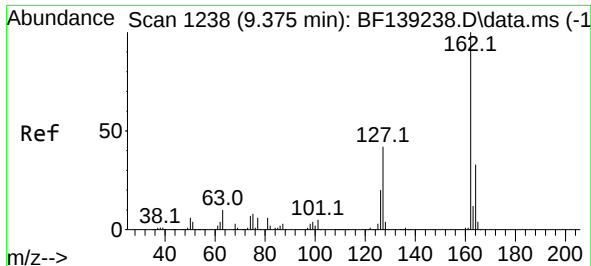
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.7 0.0 32.3





#47

2-Chloronaphthalene

Concen: 47.056 ng

RT: 9.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

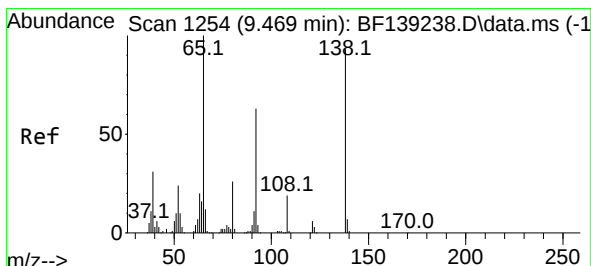
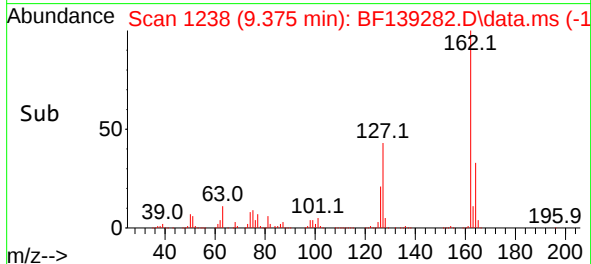
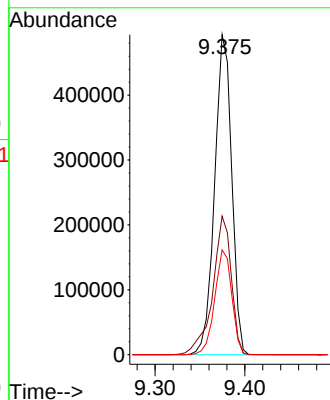
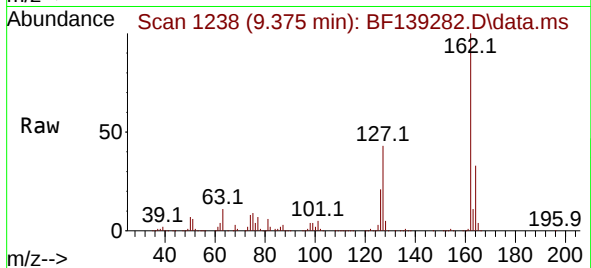
Tgt Ion:162 Resp: 651340

Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.2	51.4
164	32.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#48

2-Nitroaniline

Concen: 51.657 ng

RT: 9.469 min Scan# 1254

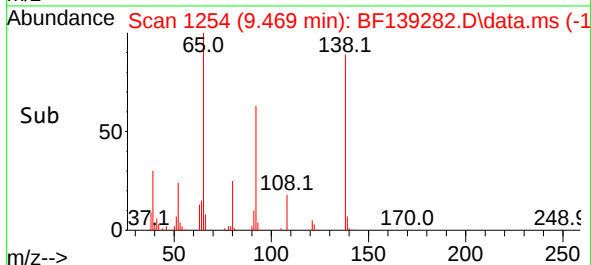
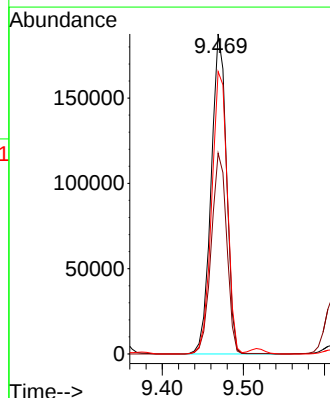
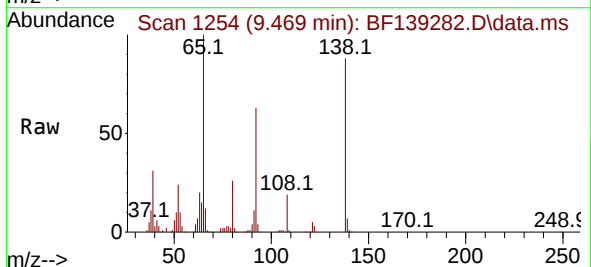
Delta R.T. -0.000 min

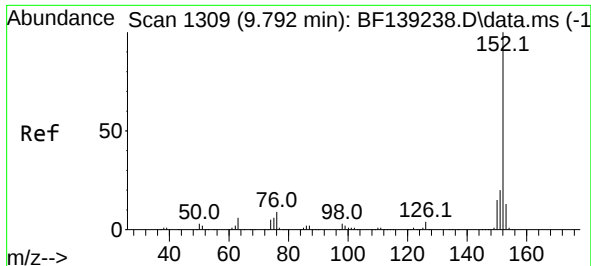
Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion: 65 Resp: 246287

Ion	Ratio	Lower	Upper
65	100		
92	62.7	50.4	75.6
138	88.2	74.2	111.4





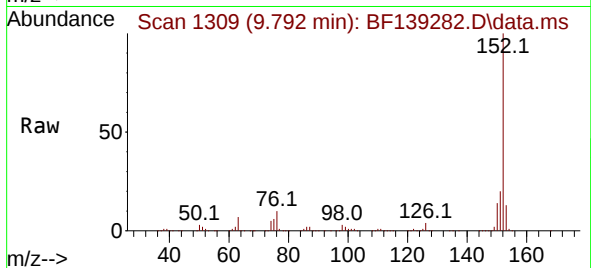
#49
Acenaphthylene
Concen: 51.438 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

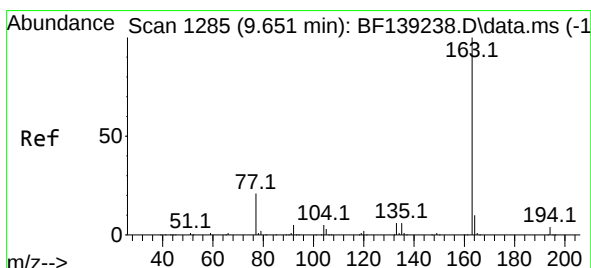
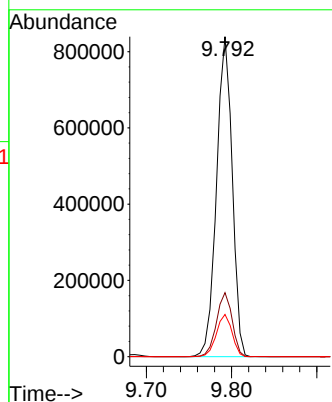
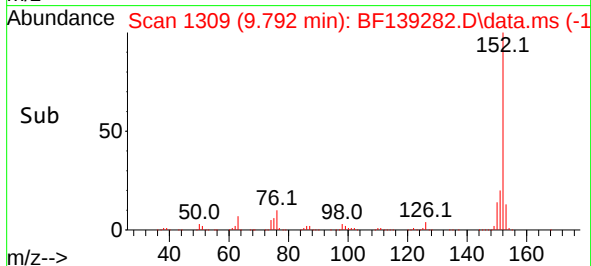


Tgt Ion:152 Resp: 107237
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.4 15.6

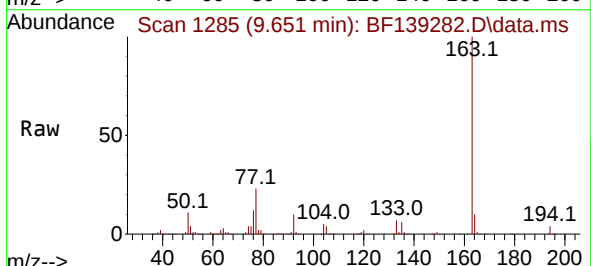
Manual Integrations

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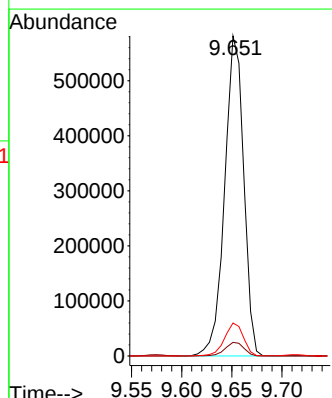
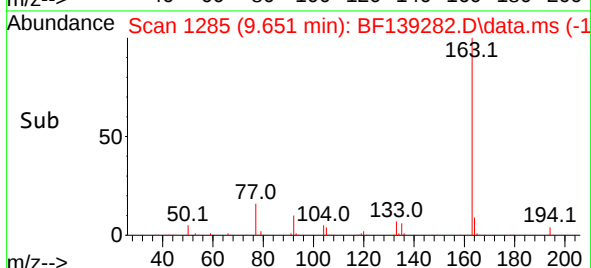
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

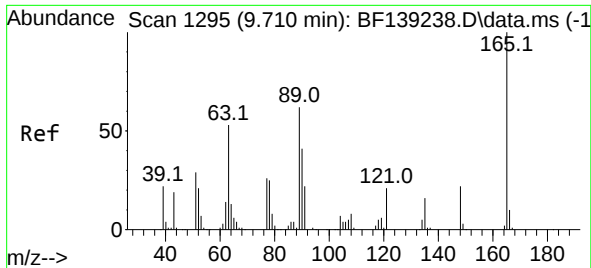


#50
Dimethylphthalate
Concen: 51.143 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



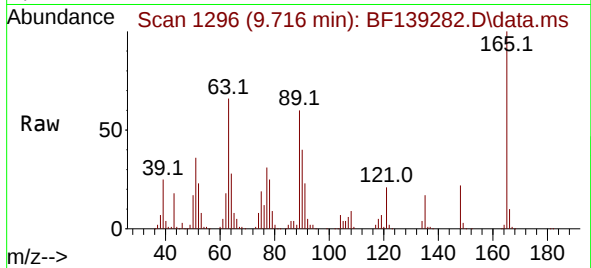
Tgt Ion:163 Resp: 766963
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.029 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

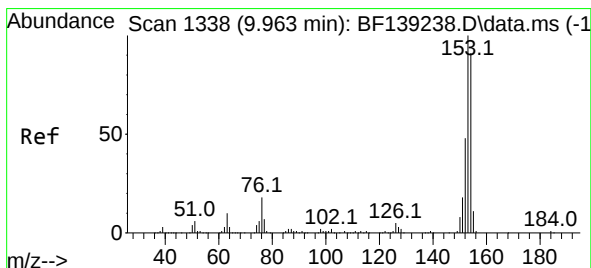
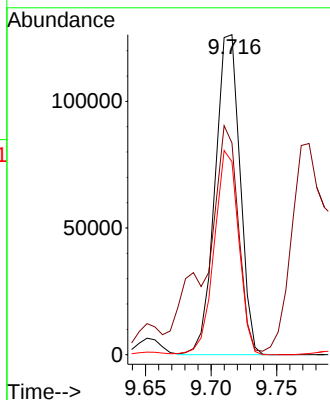
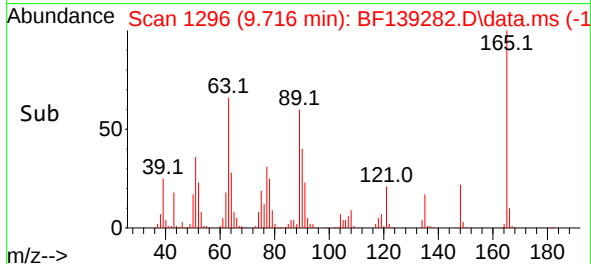
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:165 Resp: 166802
Ion Ratio Lower Upper
165 100
63 66.2 56.1 84.1
89 60.3 49.7 74.5

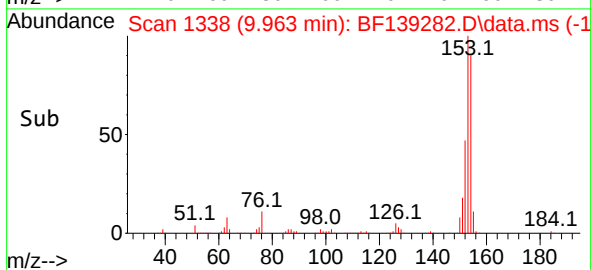
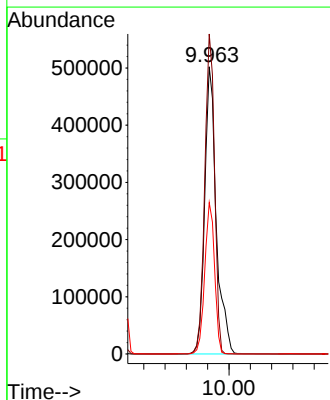
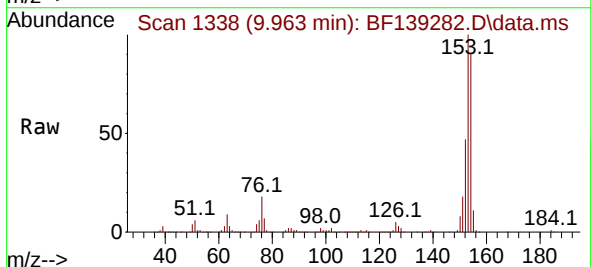
Manual Integrations
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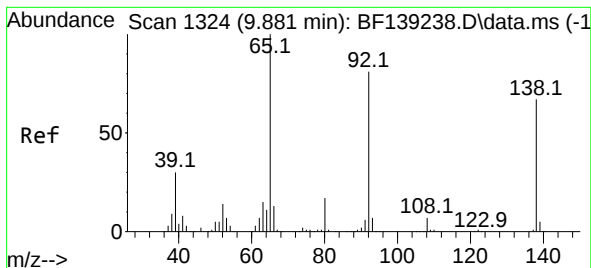
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#52
Acenaphthene
Concen: 54.847 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:154 Resp: 758414
Ion Ratio Lower Upper
154 100
153 111.4 87.8 131.6
152 52.7 41.7 62.5





#53

3-Nitroaniline

Concen: 37.344 ng

RT: 9.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

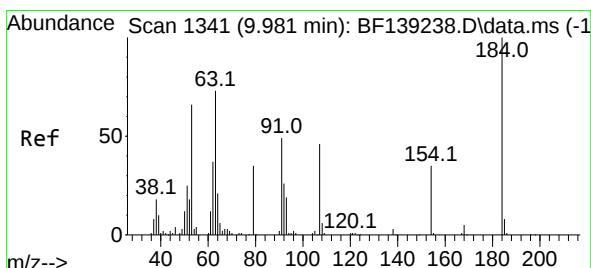
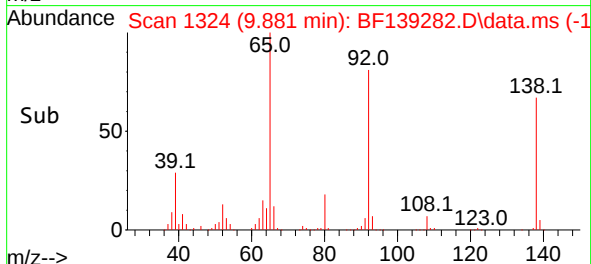
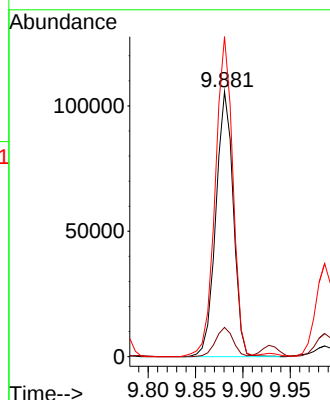
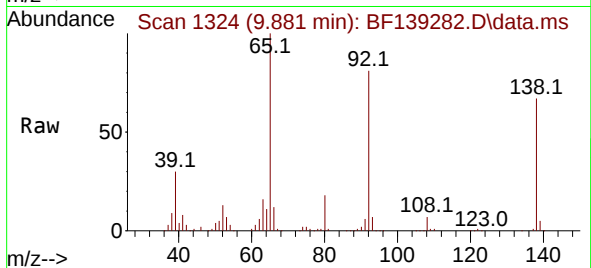
PB163214BS

Tgt Ion:138 Resp: 13536
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.6 13.0
 92 120.7 96.4 144.6

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Reviewed By :Jagrut Upadhyay 09/10/2024
 Supervised By :mohammad ahmed 09/12/2024



#54

2,4-Dinitrophenol

Concen: 101.871 ng

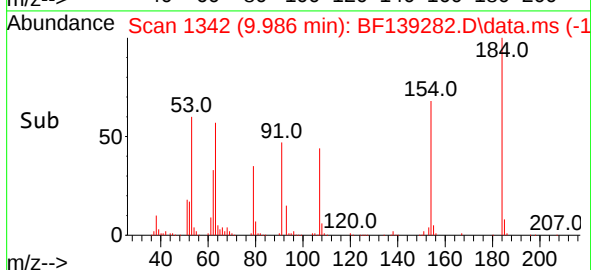
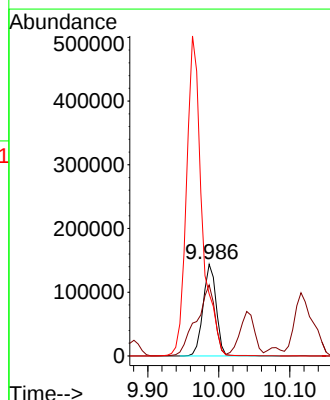
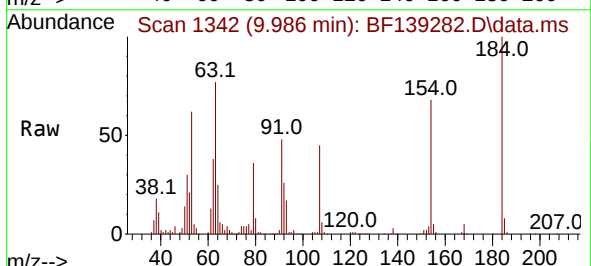
RT: 9.986 min Scan# 1342

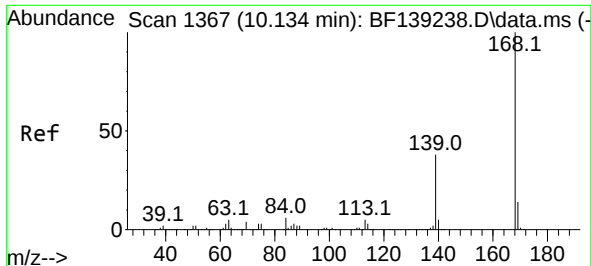
Delta R.T. 0.005 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

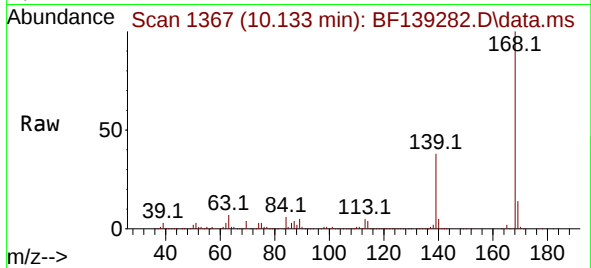
Tgt Ion:184 Resp: 185630
 Ion Ratio Lower Upper
 184 100
 63 77.4 66.4 99.6
 154 67.6 97.0 145.6#





#55
Dibenzenofuran
Concen: 49.505 ng
RT: 10.133 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

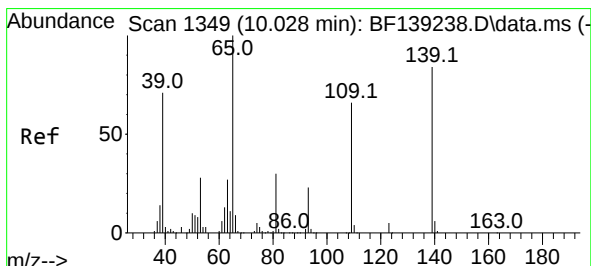
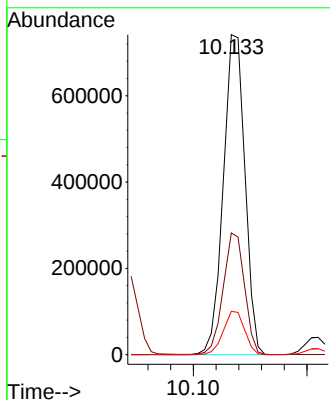
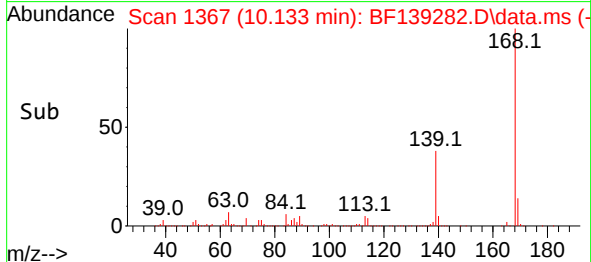
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:168 Resp: 98142
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 13.5 10.8 16.2

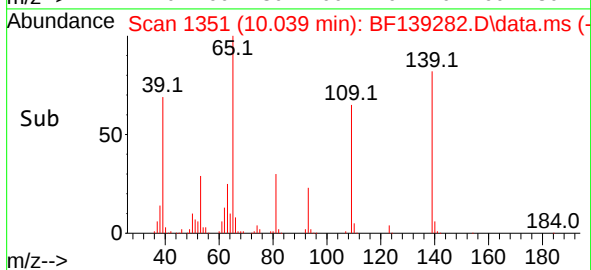
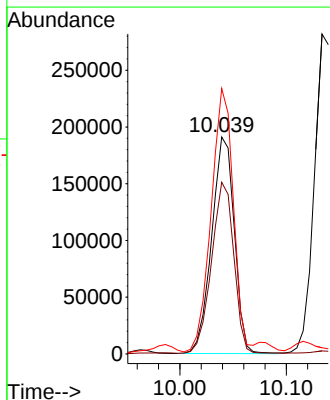
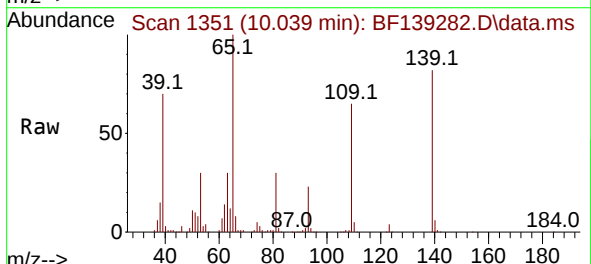
Manual Integrations
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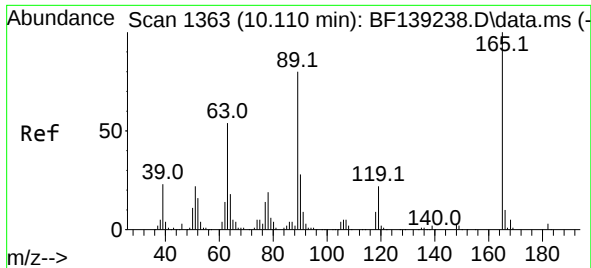
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#56
4-Nitrophenol
Concen: 105.057 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:139 Resp: 281066
Ion Ratio Lower Upper
139 100
109 79.1 58.7 98.7
65 122.3 100.3 140.3





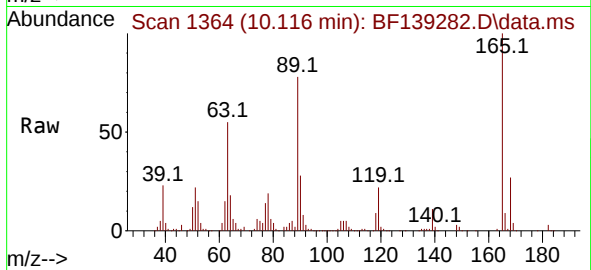
#57
2,4-Dinitrotoluene
Concen: 53.129 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

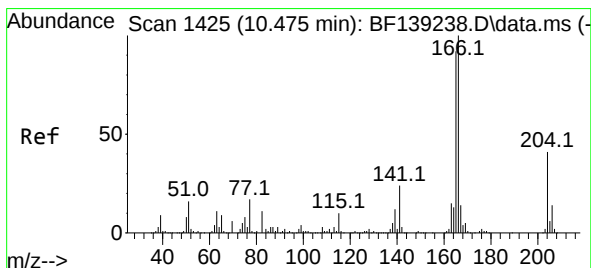
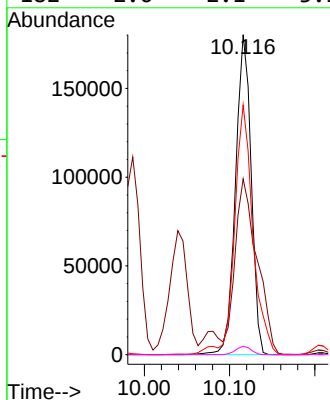
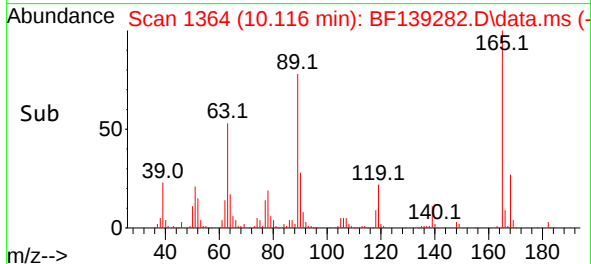


Tgt Ion:165 Resp: 23005
Ion Ratio Lower Upper
165 100
63 55.0 43.4 65.0
89 78.1 64.2 96.4
182 2.6 2.1 3.1

Manual Integrations

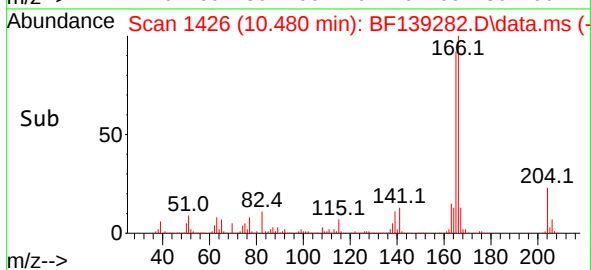
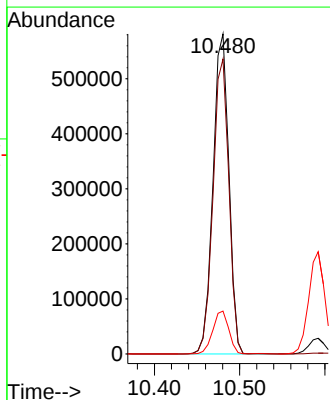
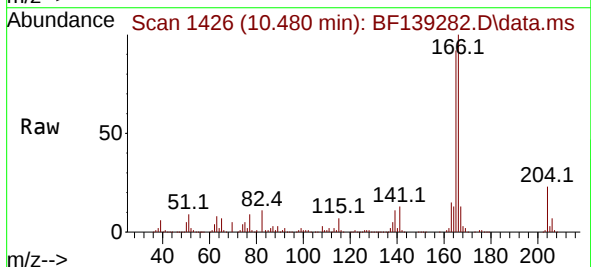
APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#58
Fluorene
Concen: 48.873 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

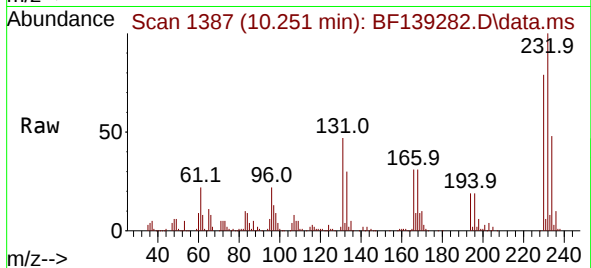
Tgt Ion:166 Resp: 751211
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.434 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

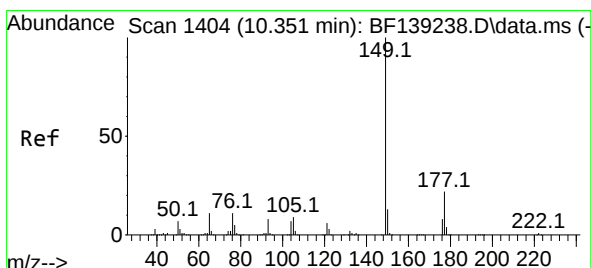
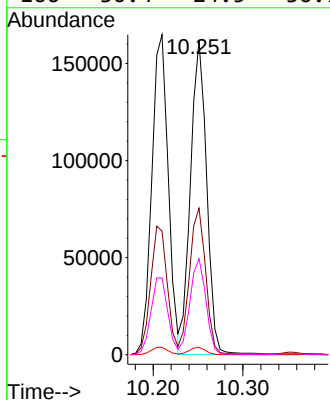
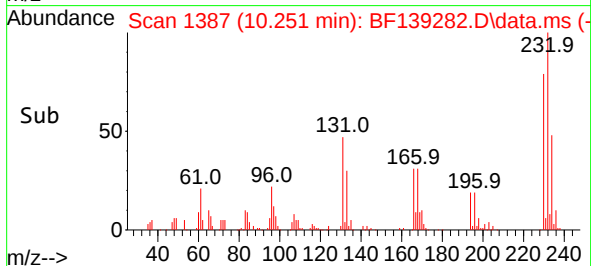
Instrument :
BNA_F
ClientSampleId :
PB163214BS



Tgt Ion:232 Resp: 201878
Ion Ratio Lower Upper
232 100
131 47.0 37.7 56.5
130 2.4 1.9 2.9
166 30.4 24.5 36.7

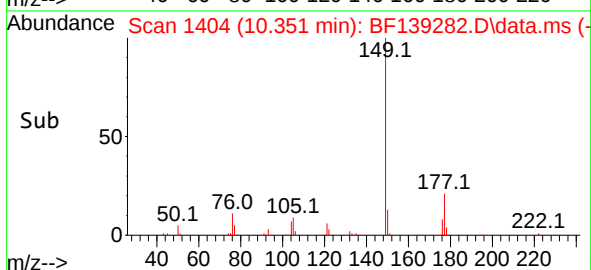
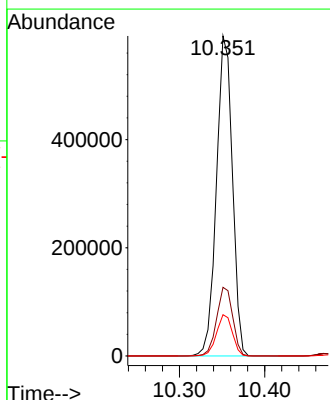
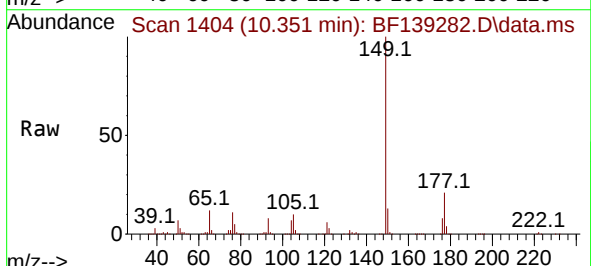
Manual Integrations
APPROVED

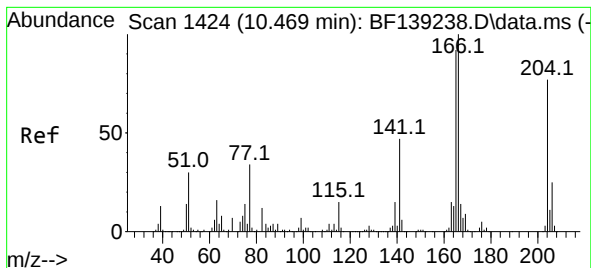
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#60
Diethylphthalate
Concen: 52.268 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

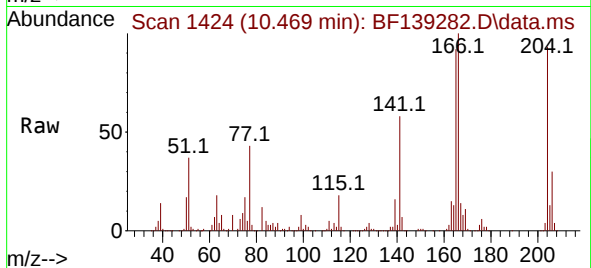
Tgt Ion:149 Resp: 771367
Ion Ratio Lower Upper
149 100
177 21.5 17.7 26.5
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.228 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

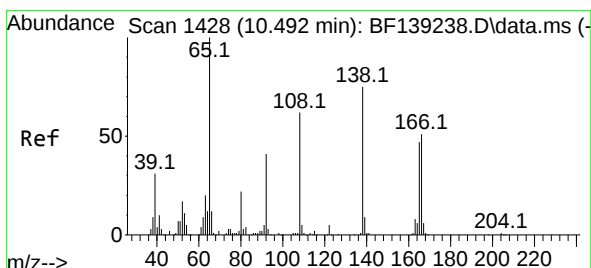
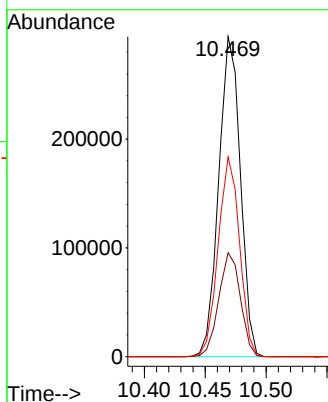
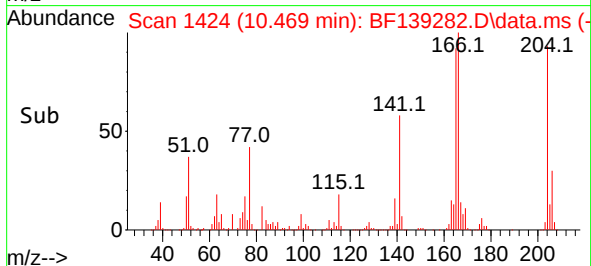
Instrument :
BNA_F
ClientSampleId :
PB163214BS



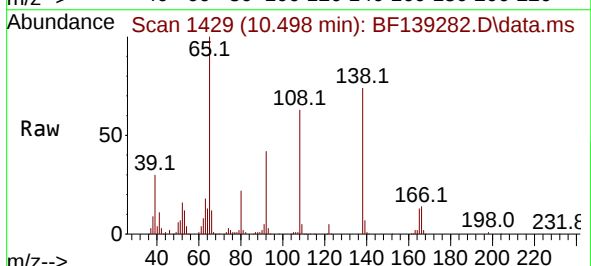
Tgt Ion:204 Resp: 364904
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 62.4 48.6 72.8

Manual Integrations
APPROVED

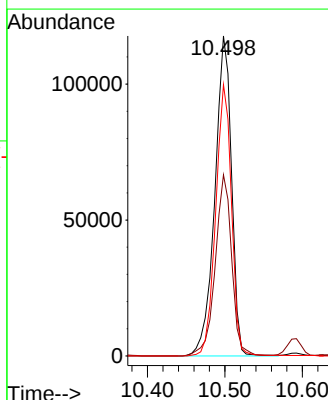
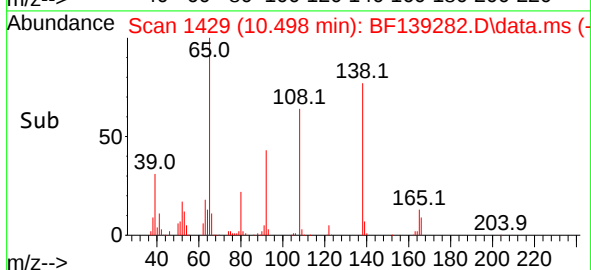
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#62
4-Nitroaniline
Concen: 51.191 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:138 Resp: 176628
Ion Ratio Lower Upper
138 100
92 56.6 34.4 74.4
108 84.8 62.7 102.7





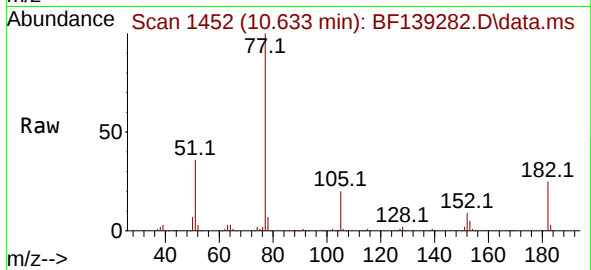
#63
Azobenzene
Concen: 50.958 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

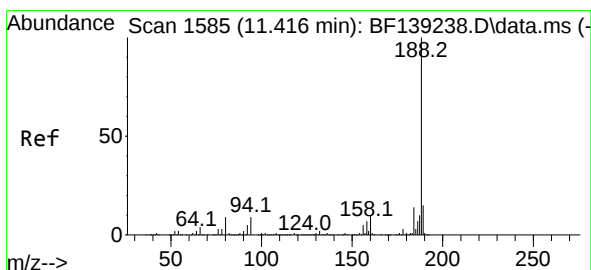
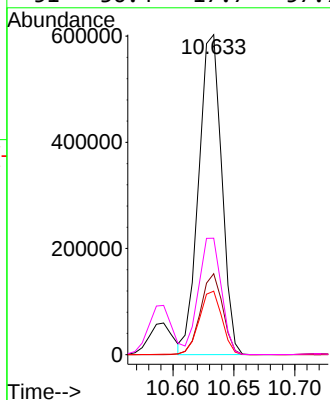
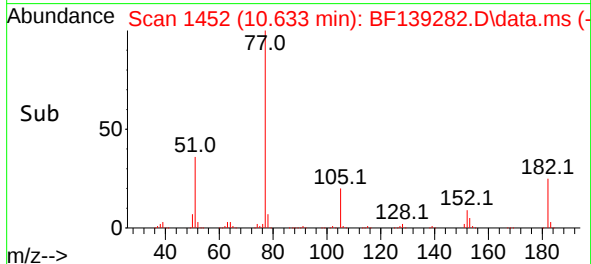


Tgt Ion: 77 Resp: 79262
Ion Ratio Lower Upper
77 100
182 25.3 3.0 43.0
105 19.8 0.0 39.4
51 36.4 17.7 57.7

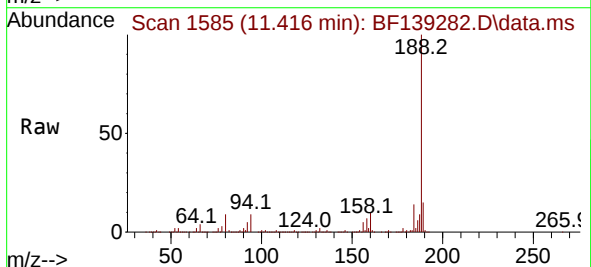
Manual Integrations

APPROVED

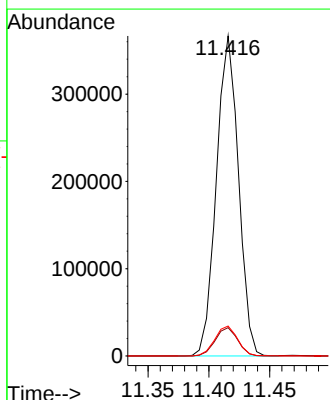
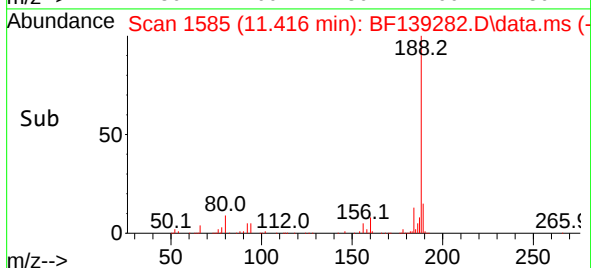
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

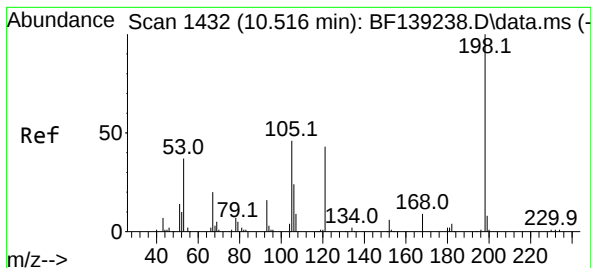


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



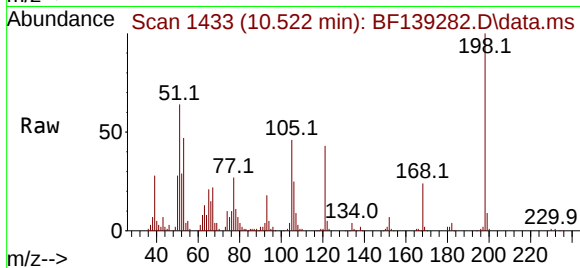
Tgt Ion:188 Resp: 463457
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 54.701 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

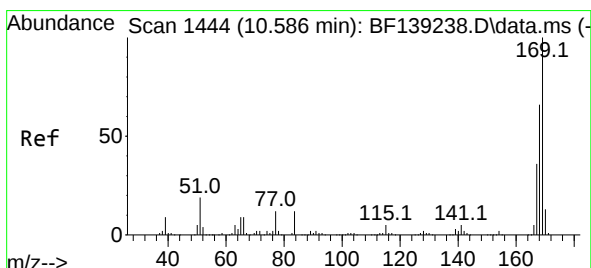
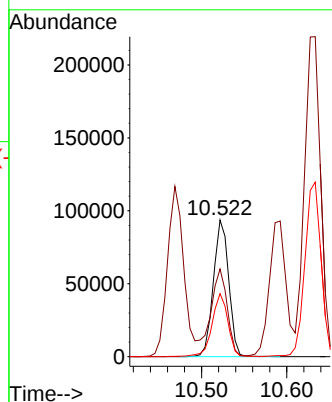
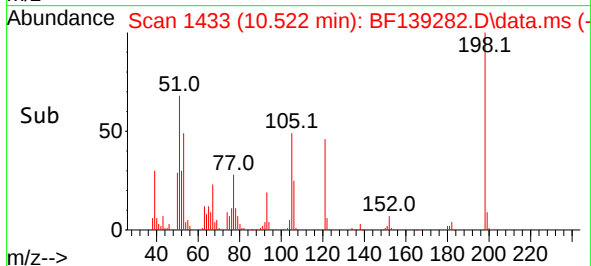
Instrument :
BNA_F
ClientSampleId :
PB163214BS



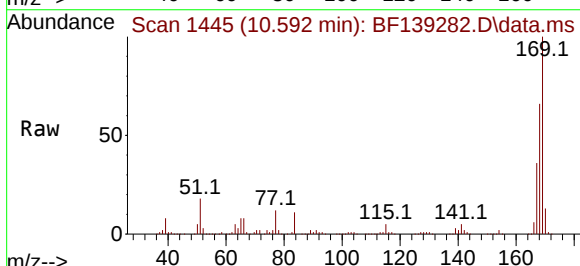
Tgt Ion:198 Resp: 117139
Ion Ratio Lower Upper
198 100
51 64.2 47.2 87.2
105 46.1 27.1 67.1

Manual Integrations
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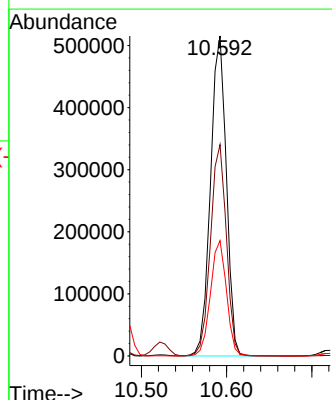
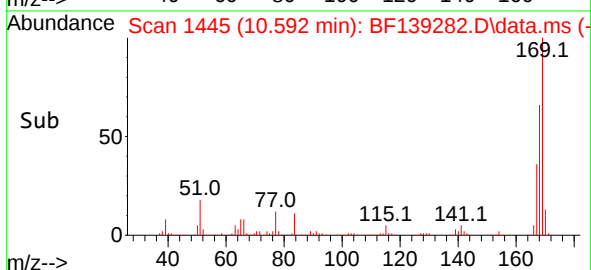
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

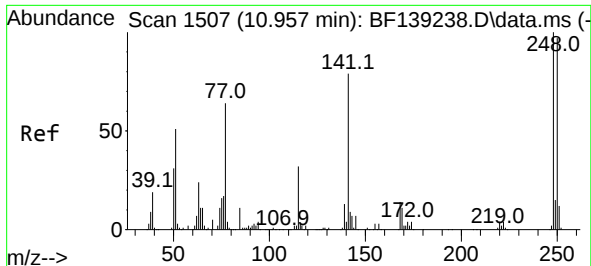


#66
n-Nitrosodiphenylamine
Concen: 49.179 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:169 Resp: 663458
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.1 29.0 43.6





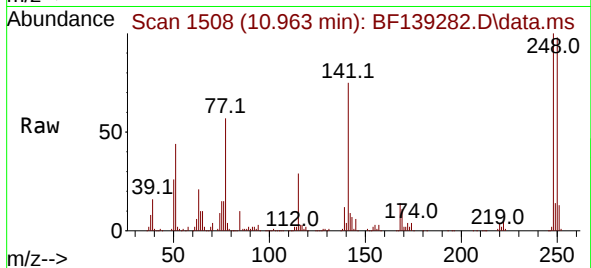
#67
4-Bromophenyl-phenylether
Concen: 49.292 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

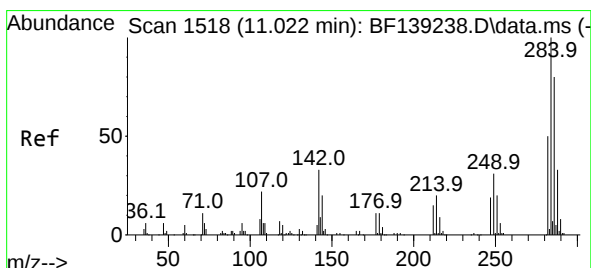
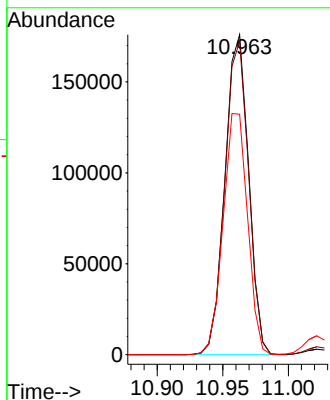
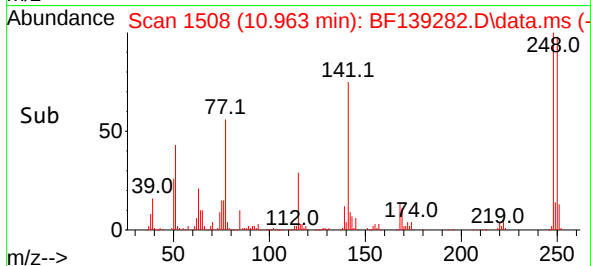


Tgt Ion:248 Resp: 22164
Ion Ratio Lower Upper
248 100
250 98.0 77.2 115.8
141 75.1 63.6 95.4

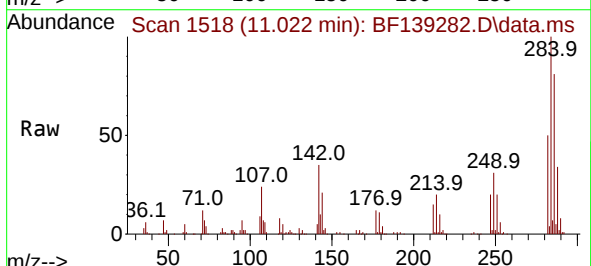
Manual Integrations

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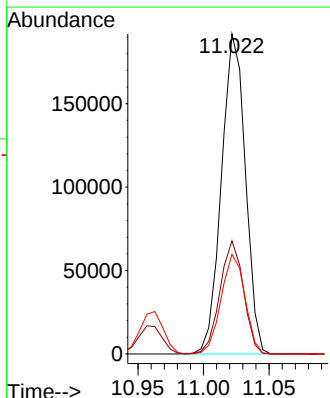
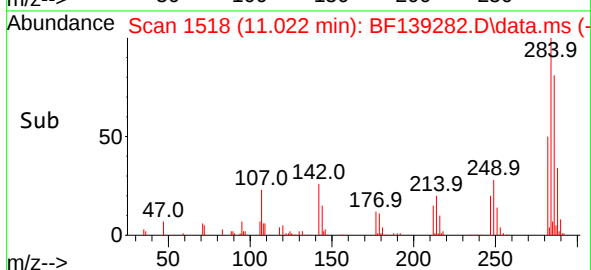
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

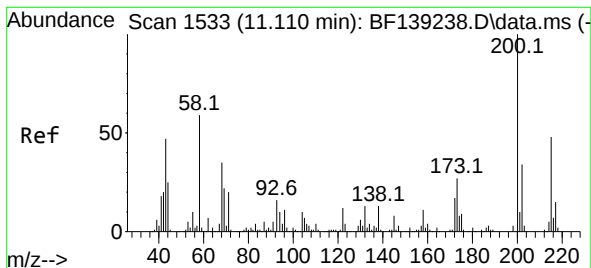


#68
Hexachlorobenzene
Concen: 47.284 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:284 Resp: 243401
Ion Ratio Lower Upper
284 100
142 35.3 26.5 39.7
249 31.1 24.8 37.2





#69

Atrazine

Concen: 67.794 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139282.D

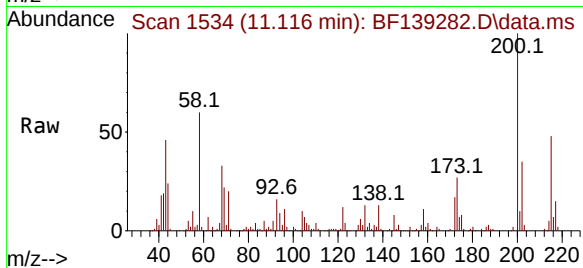
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

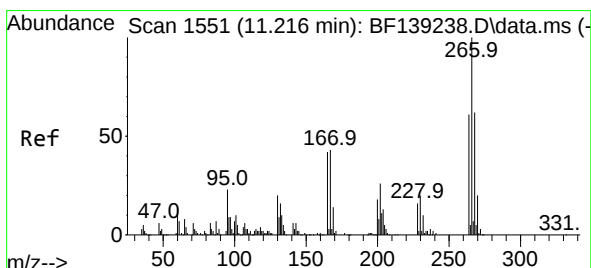
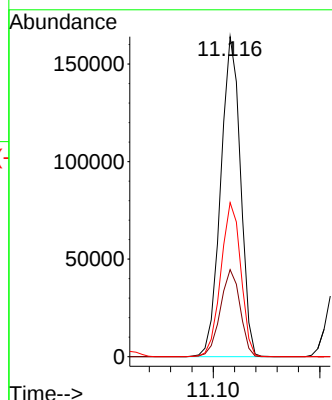
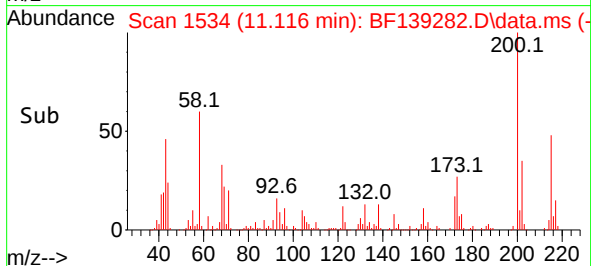


Tgt Ion:	200	Resp:	21100
Ion Ratio	Lower	Upper	
200	100		
173	27.2	7.1	47.1
215	48.1	28.5	68.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#70

Pentachlorophenol

Concen: 98.538 ng

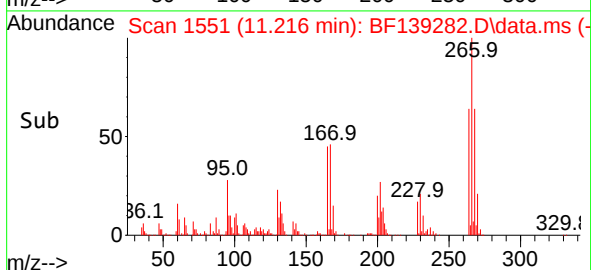
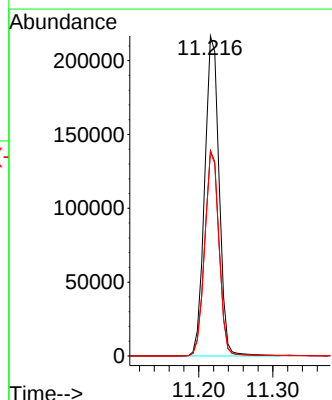
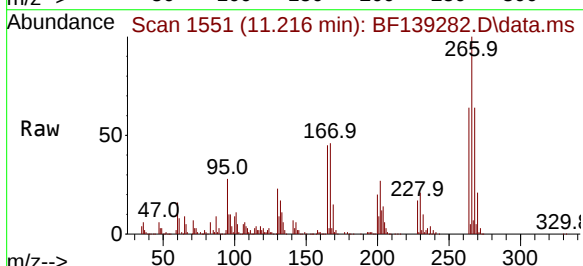
RT: 11.216 min Scan# 1551

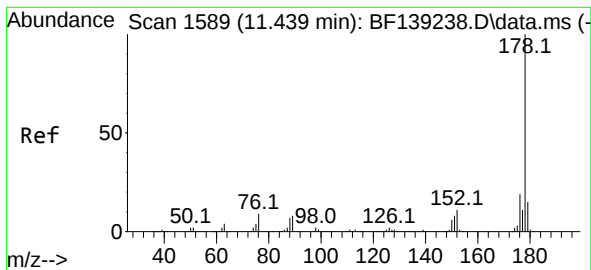
Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

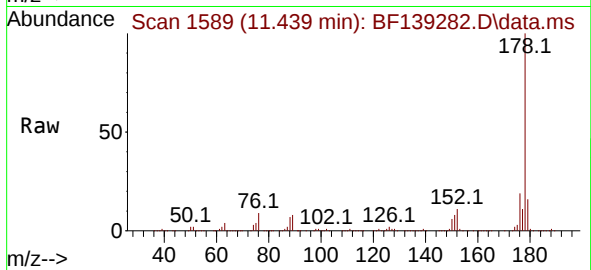
Tgt Ion:	266	Resp:	293006
Ion Ratio	Lower	Upper	
266	100		
268	64.1	49.7	74.5
264	63.9	49.2	73.8





#71
Phenanthrene
Concen: 49.945 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

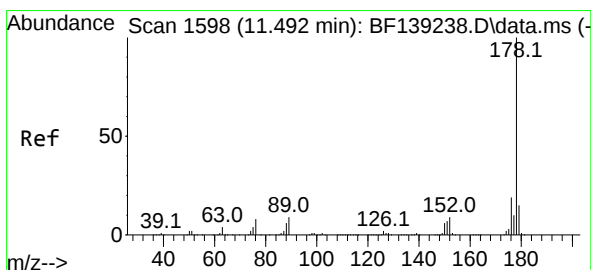
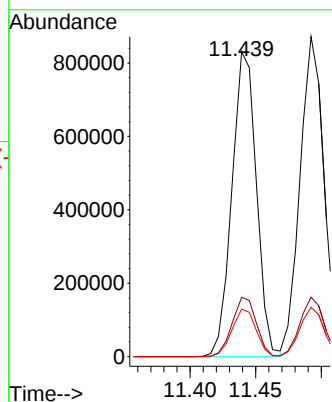
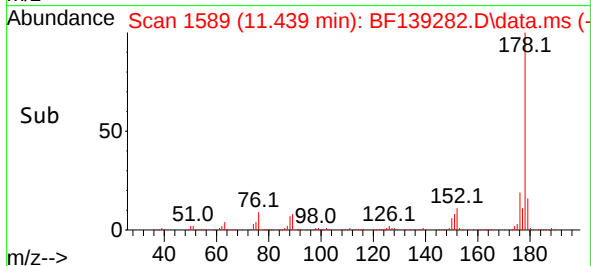
Instrument :
BNA_F
ClientSampleId :
PB163214BS



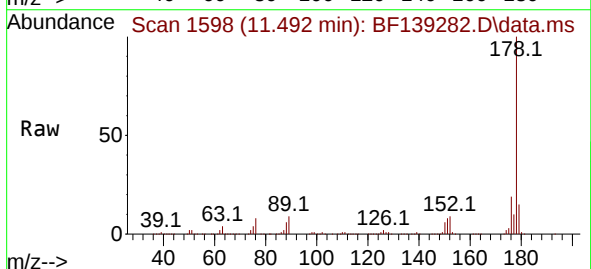
Tgt Ion:178 Resp: 1081340
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.3 18.5

Manual Integrations
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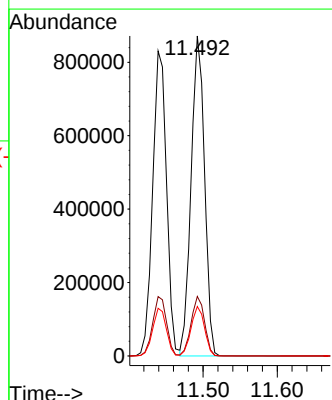
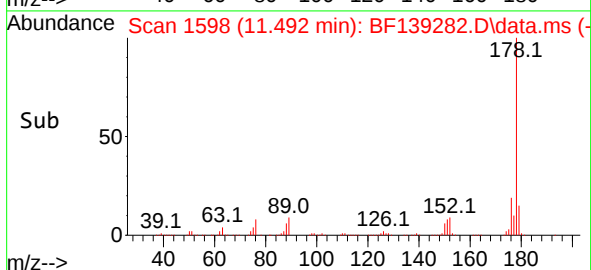
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

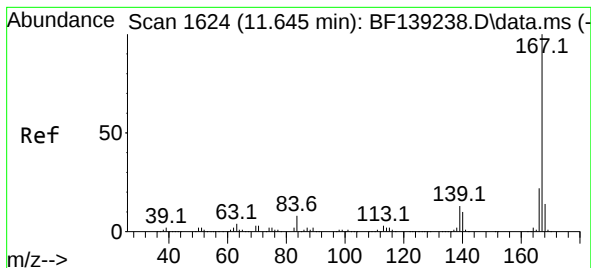


#72
Anthracene
Concen: 51.948 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:178 Resp: 1098698
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.3 18.5





#73

Carbazole

Concen: 49.797 ng

RT: 11.645 min Scan# 1624

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

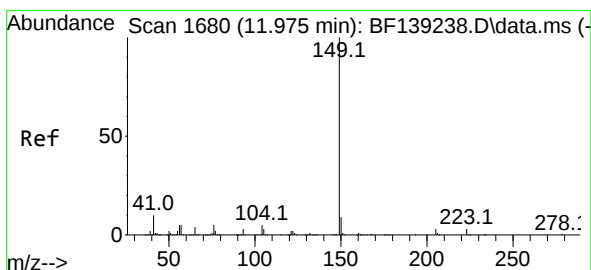
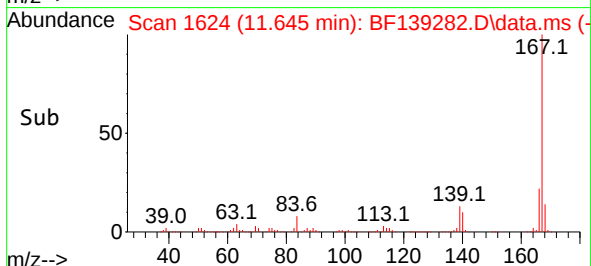
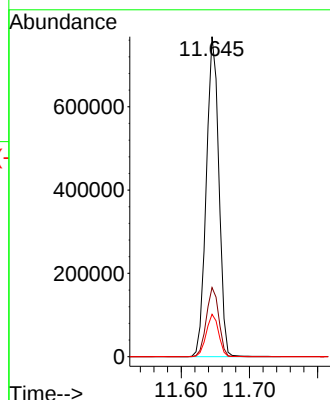
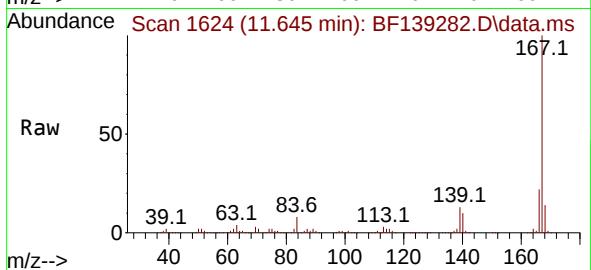
Tgt Ion:167 Resp: 98436

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.3	10.2	15.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#74

Di-n-butylphthalate

Concen: 55.649 ng

RT: 11.975 min Scan# 1680

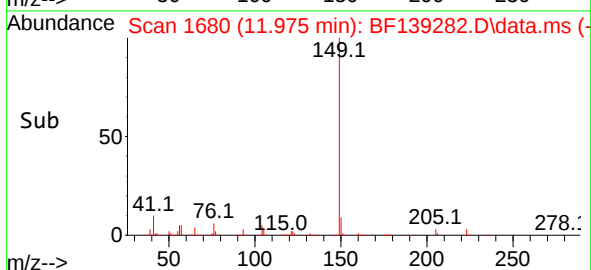
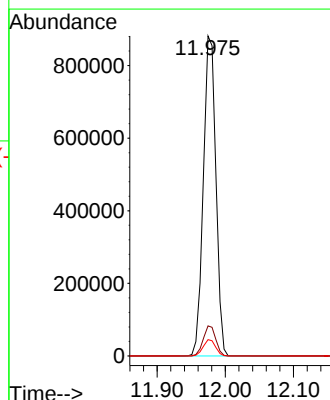
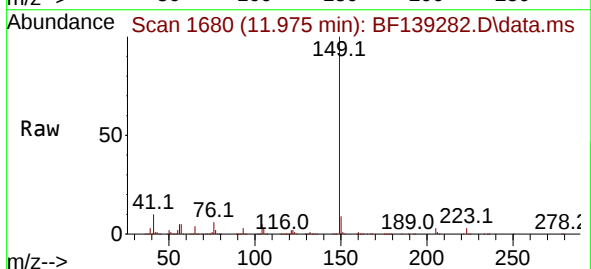
Delta R.T. -0.000 min

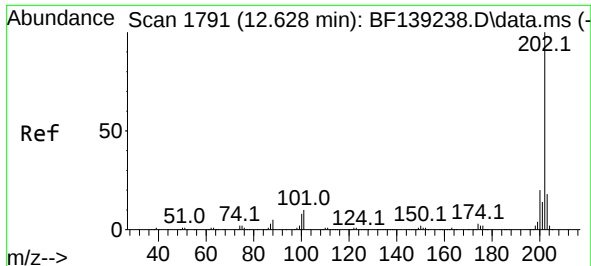
Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion:149 Resp: 1126324

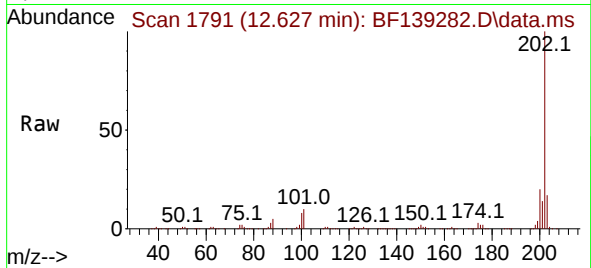
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	3.9	5.9





#75
Fluoranthene
Concen: 50.405 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

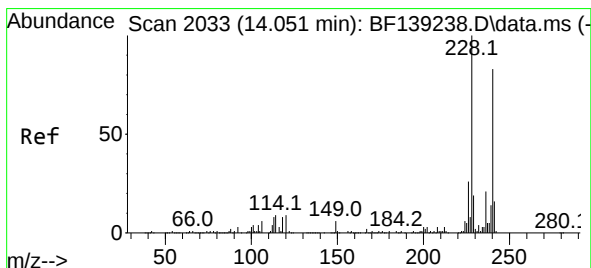
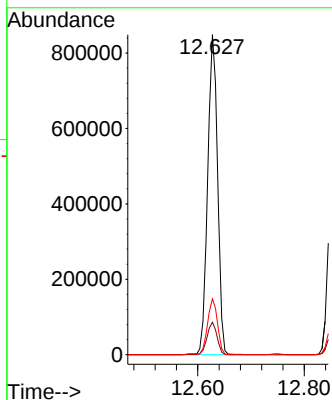
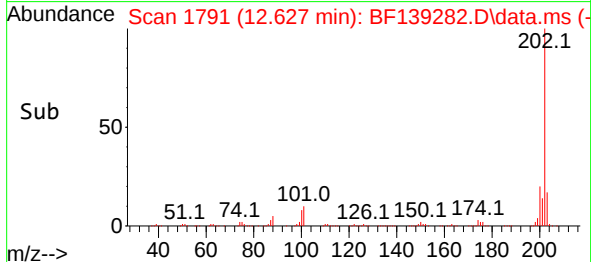
Instrument :
BNA_F
ClientSampleId :
PB163214BS



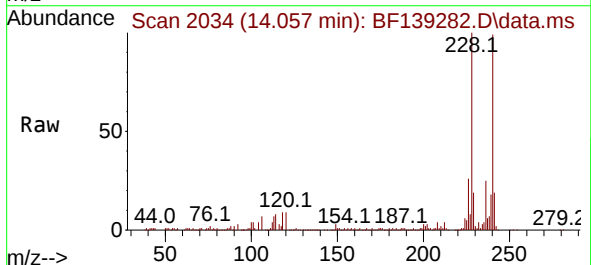
Tgt Ion:202 Resp: 109407
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 17.5 0.0 37.7

Manual Integrations
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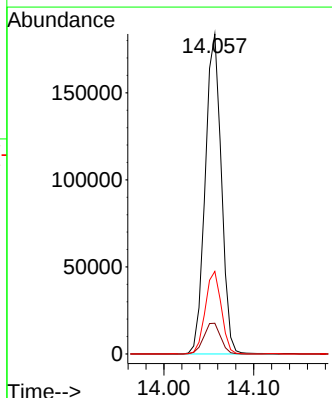
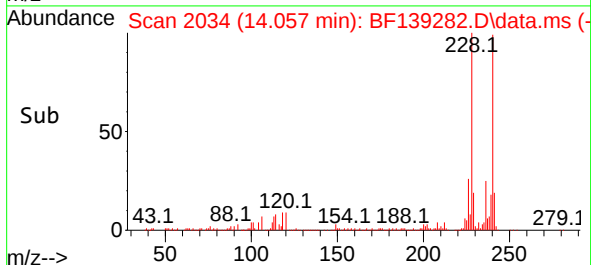
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

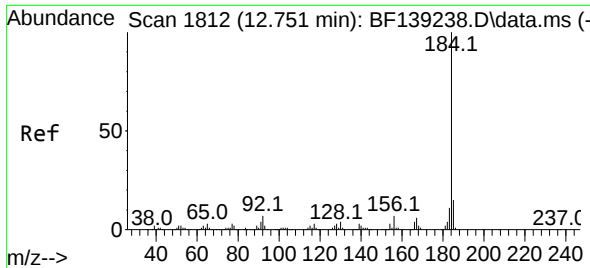


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



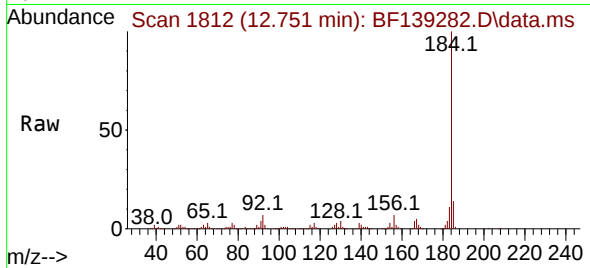
Tgt Ion:240 Resp: 229103
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.8 20.7 31.1





#77
Benzidine
Concen: 74.970 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

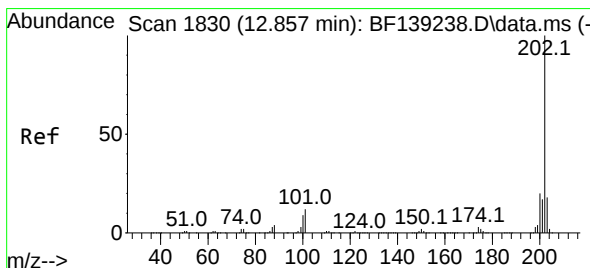
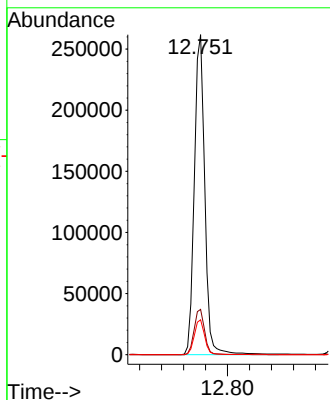
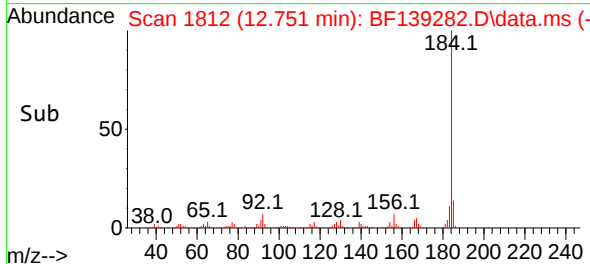
Instrument :
BNA_F
ClientSampleId :
PB163214BS



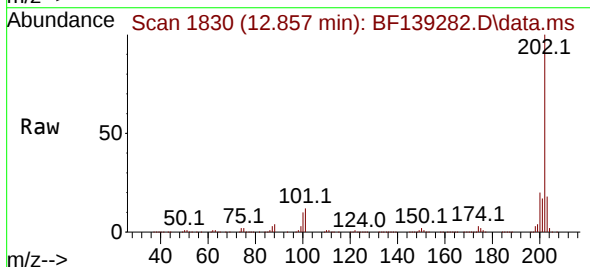
Tgt Ion:184 Resp: 34584
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 10.9 8.8 13.2

Manual Integrations
APPROVED

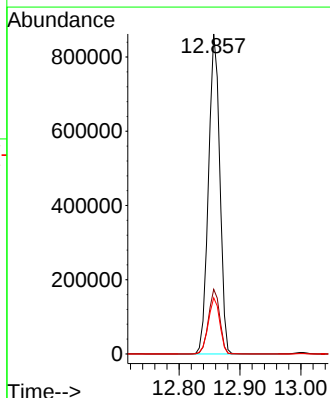
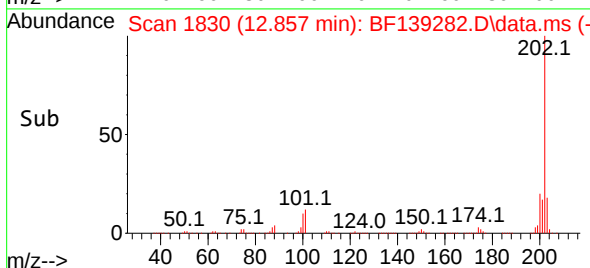
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

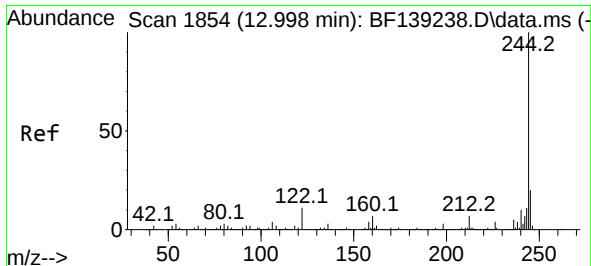


#78
Pyrene
Concen: 50.260 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:202 Resp: 1112324
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 17.5 14.1 21.1





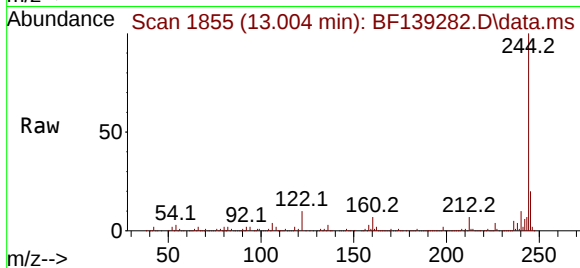
#79
Terphenyl-d14
Concen: 105.977 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

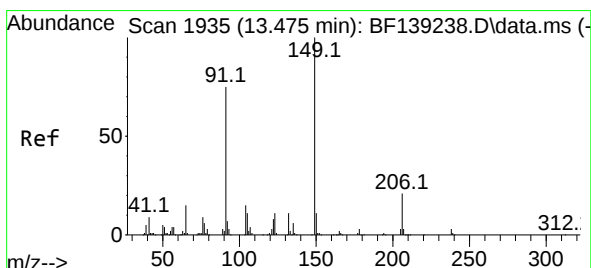
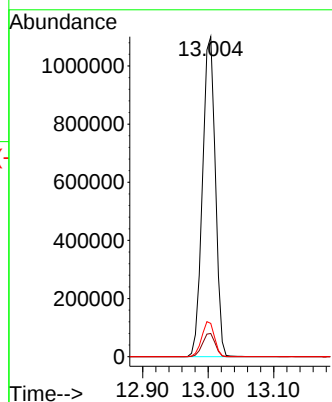
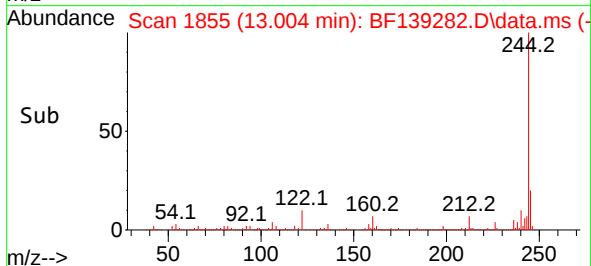


Tgt Ion:244 Resp: 1503770
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.4 8.7 13.1

Manual Integrations

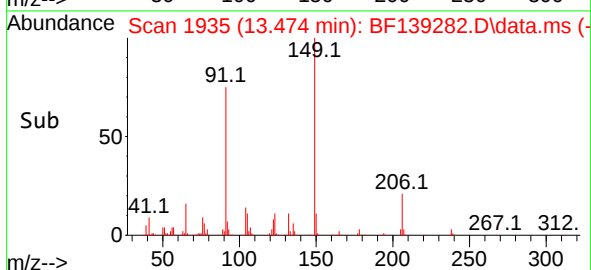
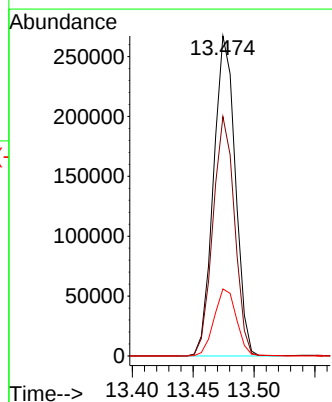
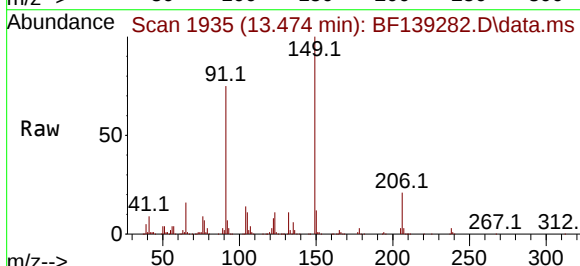
APPROVED

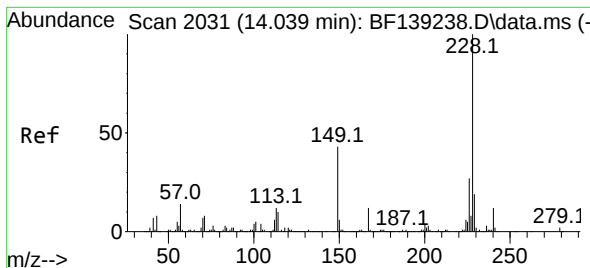
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#80
Butylbenzylphthalate
Concen: 63.826 ng
RT: 13.474 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Tgt Ion:149 Resp: 332532
Ion Ratio Lower Upper
149 100
91 74.8 60.3 90.5
206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 50.953 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139282.D

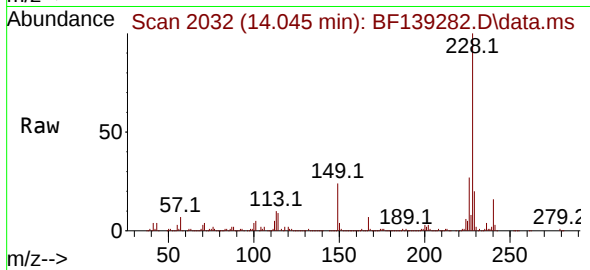
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS



Tgt Ion:228 Resp: 74540

Ion Ratio Lower Upper

228 100

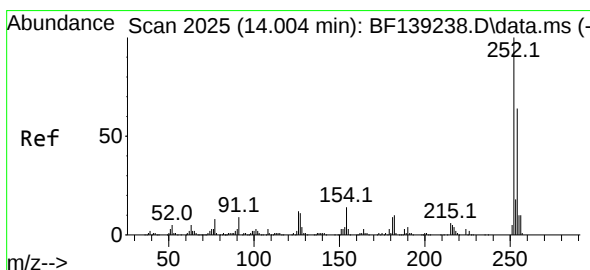
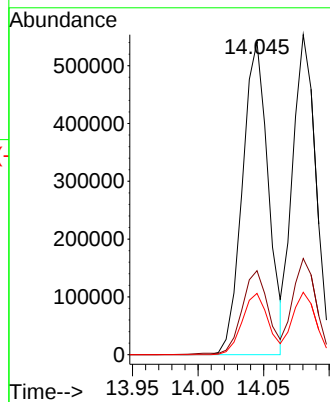
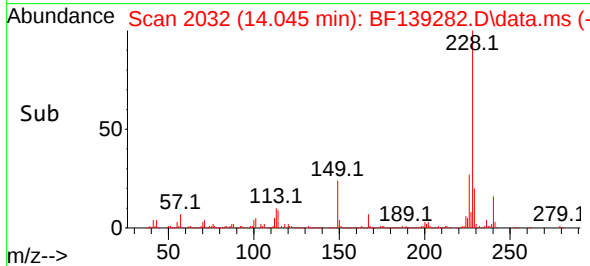
226 26.9 21.5 32.3

229 19.6 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.445 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

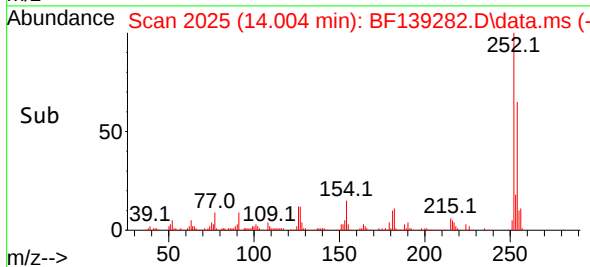
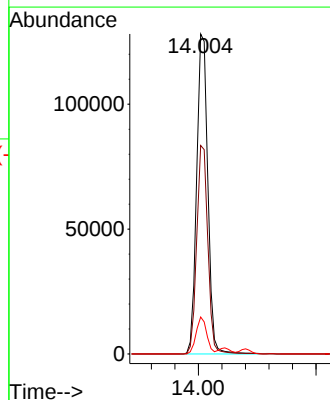
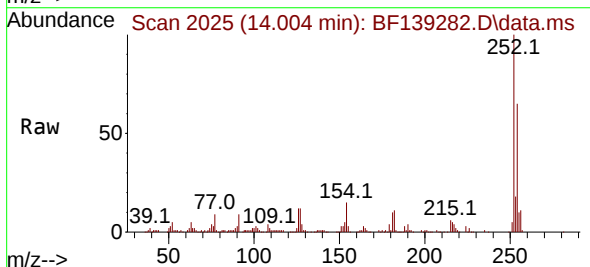
Tgt Ion:252 Resp: 168786

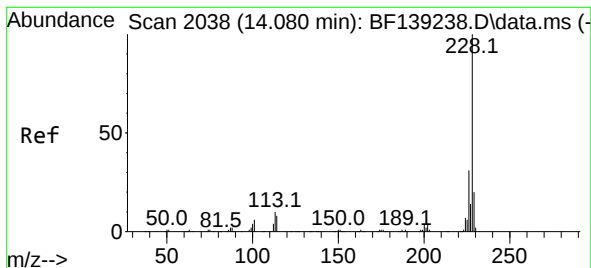
Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

126 11.5 9.2 13.8





#83

Chrysene

Concen: 49.804 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF139282.D

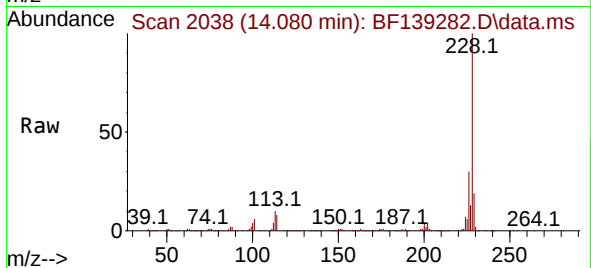
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

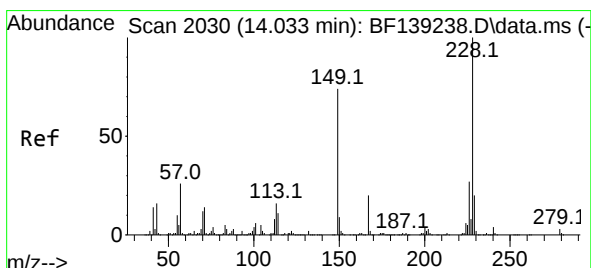
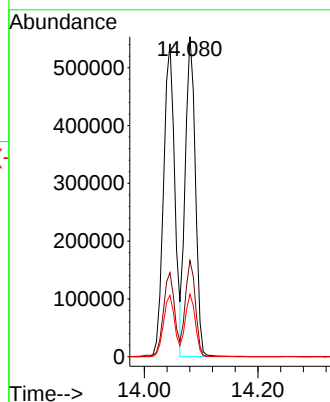
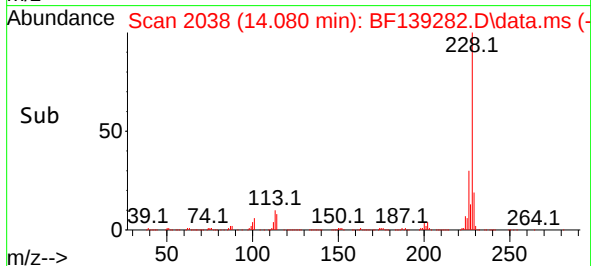


Tgt Ion:	228	Resp:	680000
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.8	35.8
229	19.5	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.122 ng

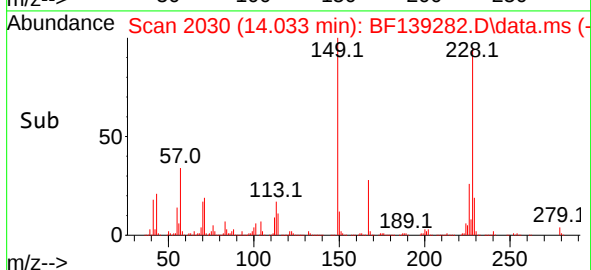
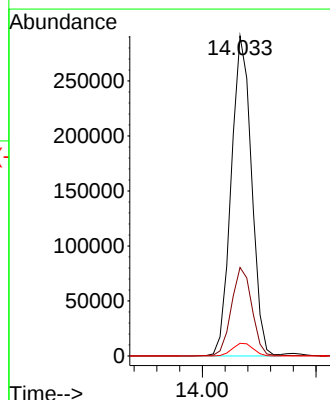
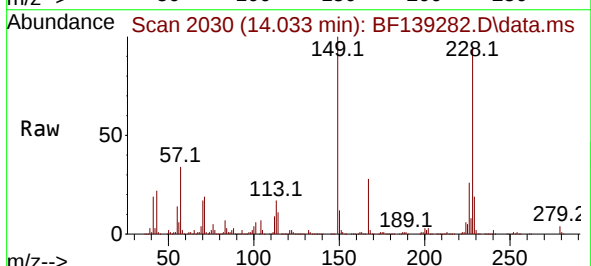
RT: 14.033 min Scan# 2030

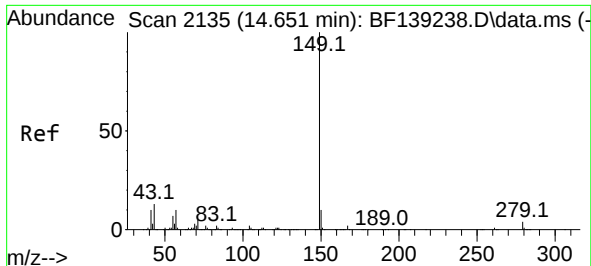
Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

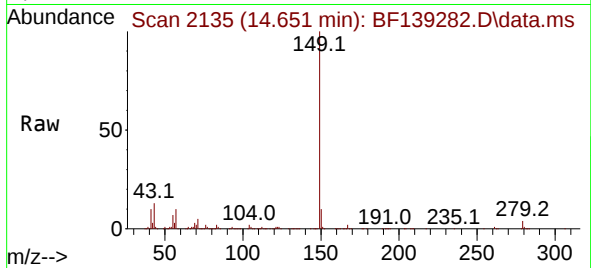
Tgt Ion:	149	Resp:	361537
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.8	32.6
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 52.131 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

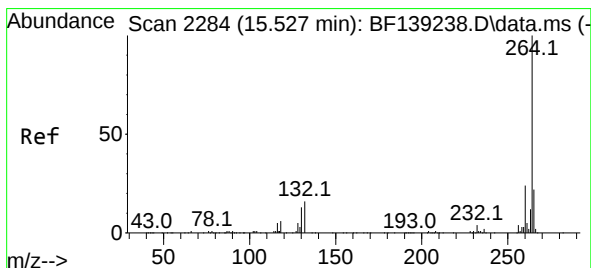
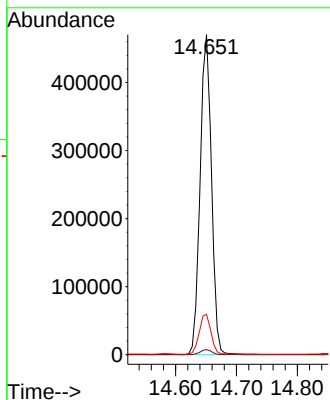
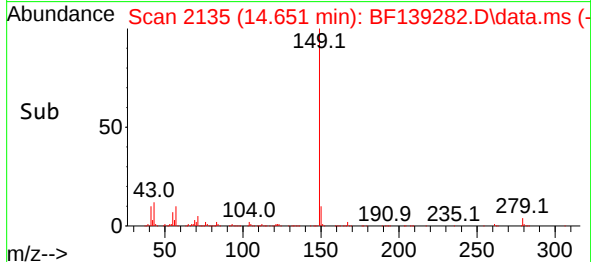
Instrument :
BNA_F
ClientSampleId :
PB163214BS



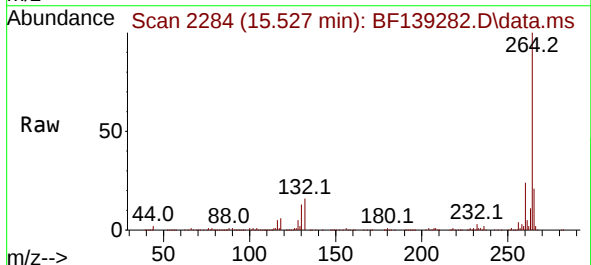
Tgt Ion:149 Resp: 610338
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.0 10.9 16.3

Manual Integrations
APPROVED

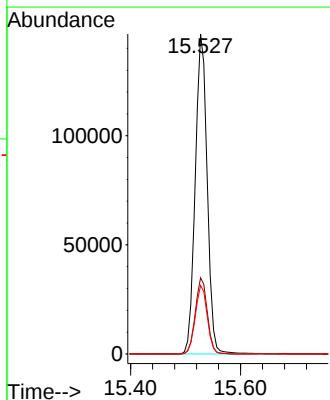
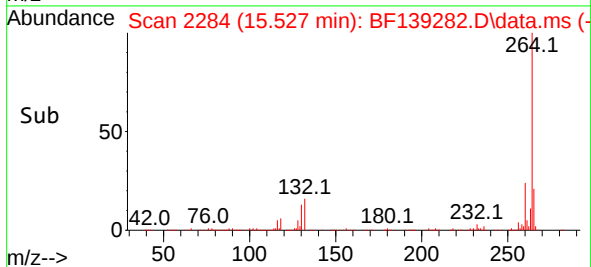
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

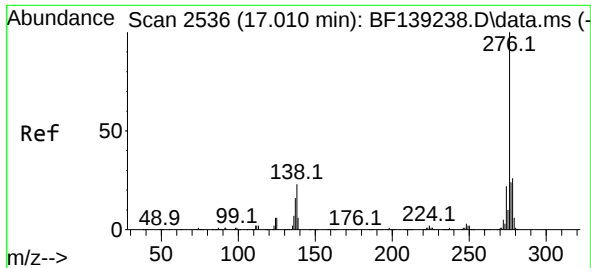


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:264 Resp: 221245
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.4 17.3 25.9





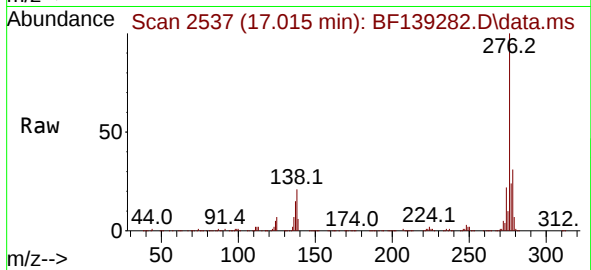
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.896 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

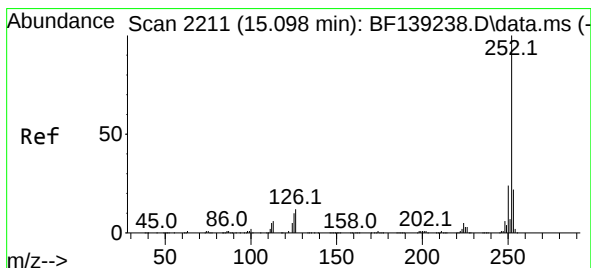
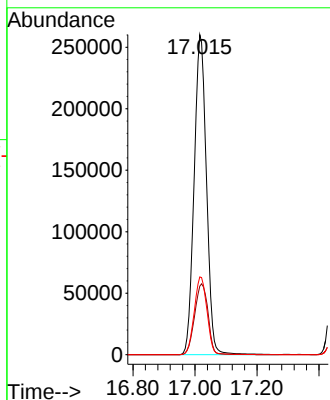
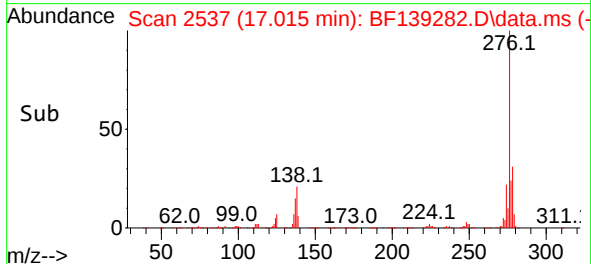


Tgt Ion:276 Resp: 717280
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.2 20.3 30.5

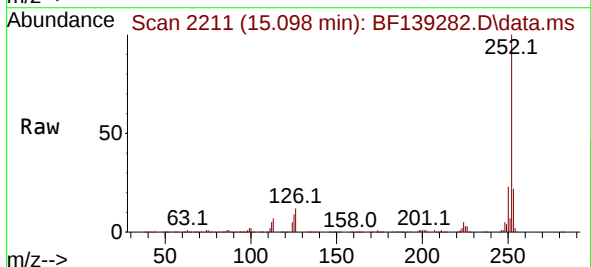
Manual Integrations

APPROVED

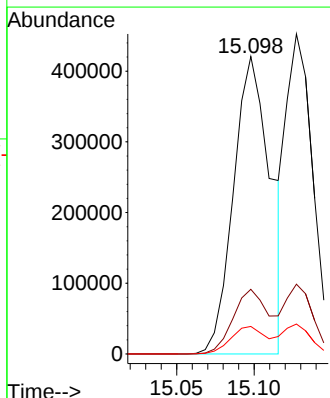
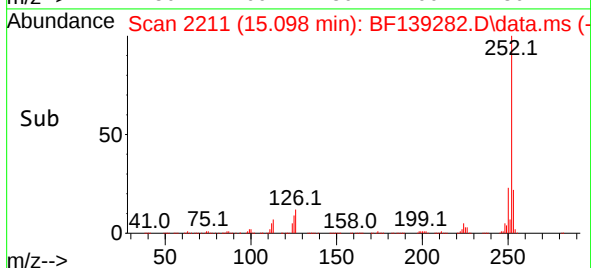
Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

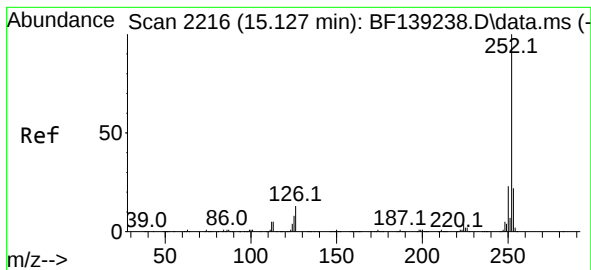


#88
Benzo(b)fluoranthene
Concen: 54.847 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139282.D
Acq: 09 Sep 2024 14:45



Tgt Ion:252 Resp: 698834
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.2 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 47.576 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

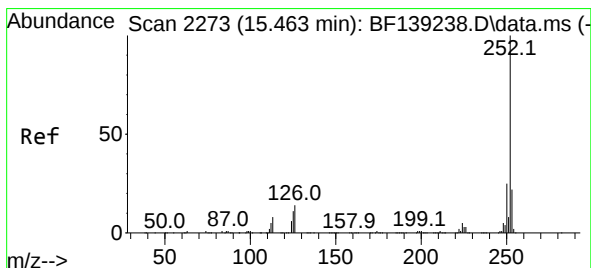
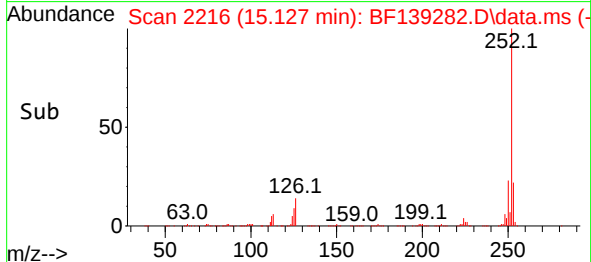
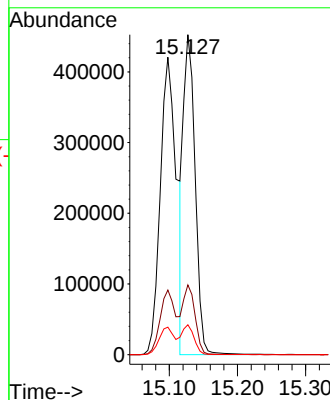
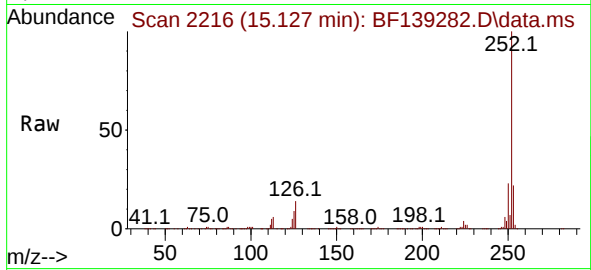
PB163214BS

Tgt Ion:252 Resp: 543520
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
 Supervised By :mohammad ahmed 09/12/2024



#90

Benzo(a)pyrene

Concen: 55.205 ng

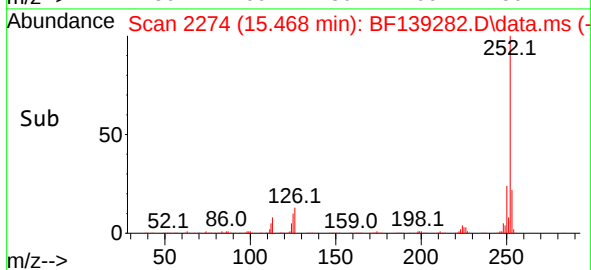
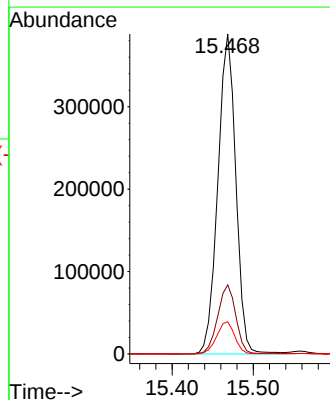
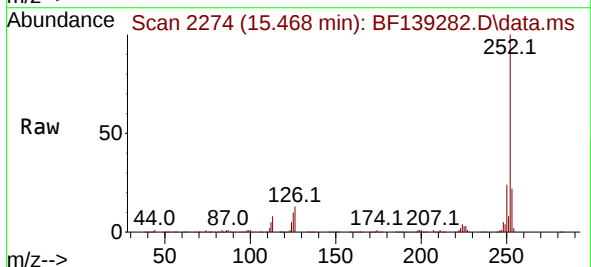
RT: 15.468 min Scan# 2274

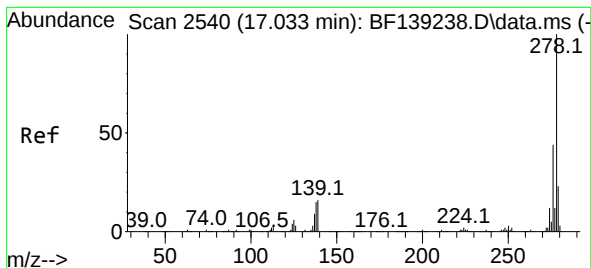
Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion:252 Resp: 597268
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 10.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.720 ng

RT: 17.039 min Scan# 2541

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB163214BS

Tgt Ion:278 Resp: 57771

Ion Ratio Lower Upper

278 100

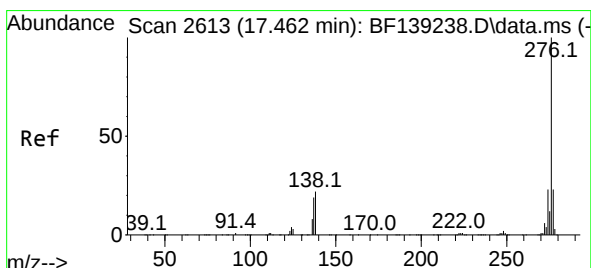
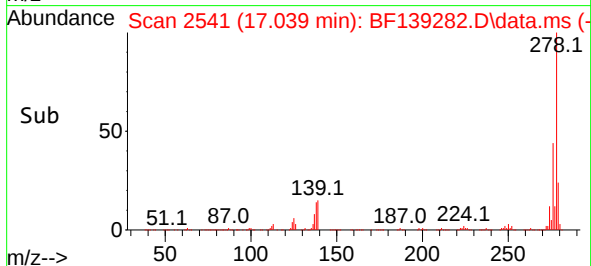
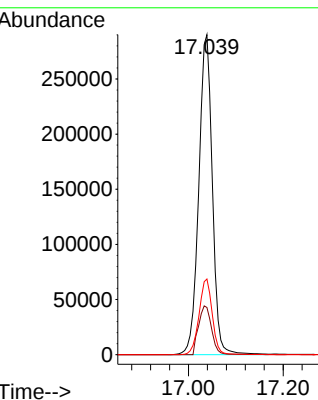
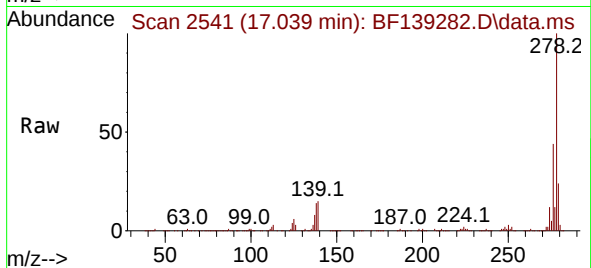
139 14.8 12.6 19.0

279 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024



#92

Benzo(g,h,i)perylene

Concen: 46.488 ng

RT: 17.468 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF139282.D

Acq: 09 Sep 2024 14:45

Tgt Ion:276 Resp: 546573

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 20.6 17.4 26.0

