

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139295.D
 Acq On : 10 Sep 2024 12:49
 Operator : RC/JU
 Sample : PB163252BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163252BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 13:25:59 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	128326	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	478766	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	261903	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487030	20.000	ng	0.00
76) Chrysene-d12	14.057	240	254178	20.000	ng	0.00
86) Perylene-d12	15.527	264	223368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1007254	131.306	ng	0.02
7) Phenol-d6	6.522	99	1329177	129.794	ng	0.00
23) Nitrobenzene-d5	7.451	82	865793	94.077	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	336339	148.719	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1555893	91.703	ng	0.00
79) Terphenyl-d14	13.004	244	1590243	101.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	128031	35.840	ng	98
3) Pyridine	3.558	79	349578	40.540	ng	97
4) n-Nitrosodimethylamine	3.516	42	241003	43.039	ng	99
6) Aniline	6.551	93	442110	46.948	ng	97
8) 2-Chlorophenol	6.675	128	371396	46.716	ng	96
9) Benzaldehyde	6.440	77	92378	14.902	ng	99
10) Phenol	6.534	94	489720	45.337	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	349247	45.130	ng	98
12) 1,3-Dichlorobenzene	6.828	146	382777	42.538	ng	98
13) 1,4-Dichlorobenzene	6.904	146	393682	43.710	ng	99
14) 1,2-Dichlorobenzene	7.057	146	376601	44.832	ng	99
15) Benzyl Alcohol	7.028	79	357493	47.868	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	671898	45.609	ng	97
17) 2-Methylphenol	7.140	107	300230	46.232	ng	98
18) Hexachloroethane	7.398	117	144289	44.855	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	278400	47.202	ng	98
20) 3+4-Methylphenols	7.293	107	371321	45.369	ng	95
22) Acetophenone	7.298	105	509385	44.660	ng	99
24) Nitrobenzene	7.475	77	421851	43.187	ng	99
25) Isophorone	7.710	82	743654	47.264	ng	100
26) 2-Nitrophenol	7.787	139	192429	50.158	ng	99
27) 2,4-Dimethylphenol	7.822	122	306643	56.043	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	428831	45.746	ng	100
29) 2,4-Dichlorophenol	8.028	162	306615	46.802	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	328188	43.863	ng	99
31) Naphthalene	8.193	128	1068487	44.070	ng	100
32) Benzoic acid	7.940	122	207980	41.731	ng	99
33) 4-Chloroaniline	8.240	127	260683	31.052	ng	98
34) Hexachlorobutadiene	8.310	225	210848	44.472	ng	98
35) Caprolactam	8.610	113	96964m	47.809	ng	
36) 4-Chloro-3-methylphenol	8.722	107	339594	47.569	ng	99
37) 2-Methylnaphthalene	8.887	142	696392	45.909	ng	99
38) 1-Methylnaphthalene	8.987	142	648930	43.498	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	323635	43.676	ng	99
41) Hexachlorocyclopentadiene	9.040	237	422442	177.394	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	236535	48.788	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	234710	46.198	ng	99
46) 1,1'-Biphenyl	9.351	154	868415	44.753	ng	100
47) 2-Chloronaphthalene	9.375	162	653454	44.598	ng	99
48) 2-Nitroaniline	9.469	65	248604	49.260	ng	98
49) Acenaphthylene	9.792	152	1072786	48.612	ng	100
50) Dimethylphthalate	9.651	163	760628	47.917	ng	99
51) 2,6-Dinitrotoluene	9.710	165	168088	46.676	ng	98
52) Acenaphthene	9.963	154	758465	51.818	ng	98
53) 3-Nitroaniline	9.881	138	141951	36.997	ng	99
54) 2,4-Dinitrophenol	9.987	184	189015	98.280	ng	# 69
55) Dibenzofuran	10.134	168	981271	46.760	ng	99
56) 4-Nitrophenol	10.039	139	282743	99.841	ng	97
57) 2,4-Dinitrotoluene	10.116	165	229791	50.134	ng	98
58) Fluorene	10.481	166	749907	46.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	202628	50.667	ng	99
60) Diethylphthalate	10.351	149	757430	48.486	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	360954	46.003	ng	99
62) 4-Nitroaniline	10.498	138	179313	49.096	ng	98
63) Azobenzene	10.628	77	781425	47.461	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	121019	53.777	ng	96
66) n-Nitrosodiphenylamine	10.592	169	657786	46.399	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	218222	46.181	ng	98
68) Hexachlorobenzene	11.022	284	247397	45.734	ng	99
69) Atrazine	11.116	200	210917	64.486	ng	100
70) Pentachlorophenol	11.216	266	297138	95.091	ng	99
71) Phenanthrene	11.439	178	1073536	47.184	ng	100
72) Anthracene	11.492	178	1097840	49.395	ng	100
73) Carbazole	11.645	167	1000011	48.140	ng	100
74) Di-n-butylphthalate	11.975	149	1131942	53.219	ng	99
75) Fluoranthene	12.628	202	1131600	49.610	ng	99
77) Benzidine	12.751	184	392589	76.708	ng	99
78) Pyrene	12.857	202	1162338	47.338	ng	100
80) Butylbenzylphthalate	13.475	149	375549	64.972	ng	99
81) Benzo(a)anthracene	14.045	228	790566	48.709	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	180231	41.814	ng	99
83) Chrysene	14.080	228	727422	48.021	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	412006	60.728	ng	100
85) Di-n-octyl phthalate	14.651	149	612951	47.190	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	694035	49.737	ng	98
88) Benzo(b)fluoranthene	15.098	252	606676	47.162	ng	99
89) Benzo(k)fluoranthene	15.127	252	599534	51.980	ng	100
90) Benzo(a)pyrene	15.469	252	577003	52.825	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	566090	49.227	ng	99
92) Benzo(g,h,i)perylene	17.462	276	528854	44.554	ng	99

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

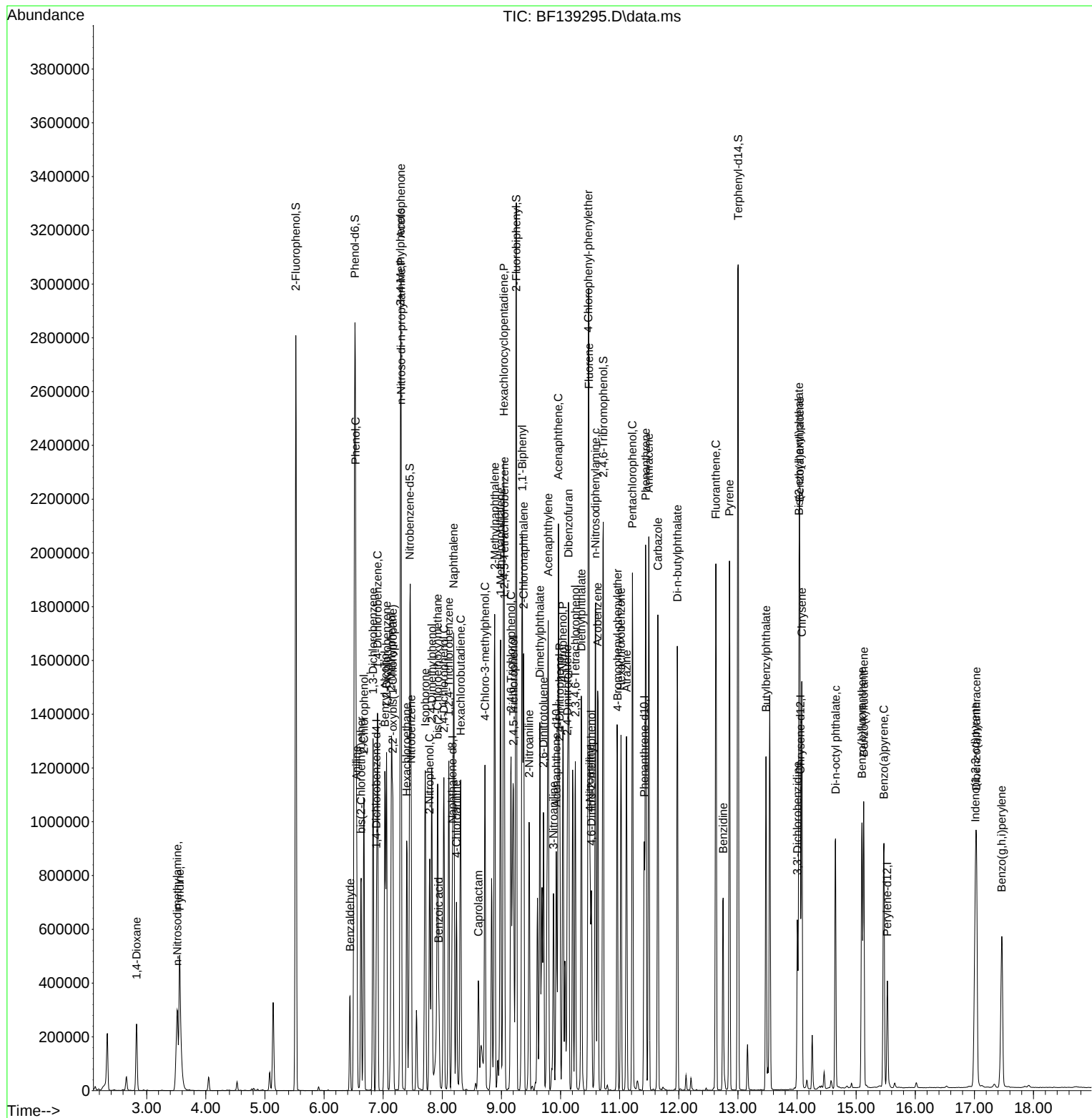
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
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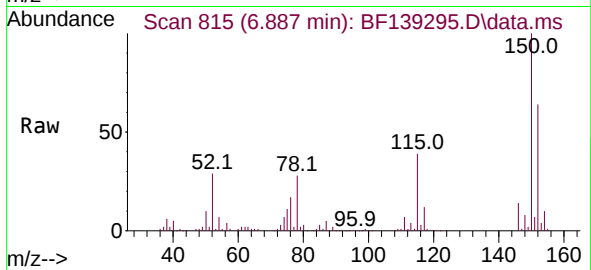
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

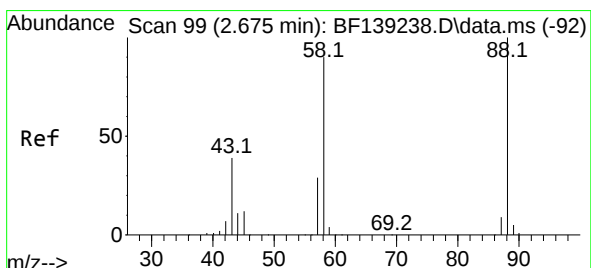
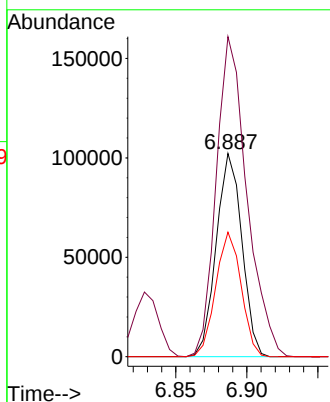
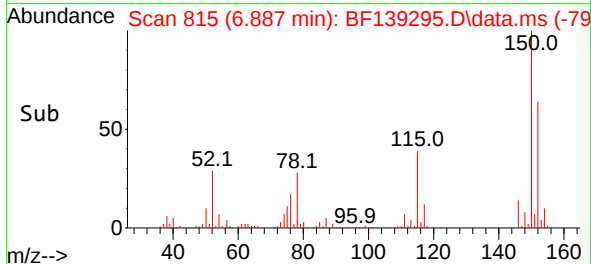
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion: 152 Resp: 128320
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.4
115 61.2 46.9 70.3

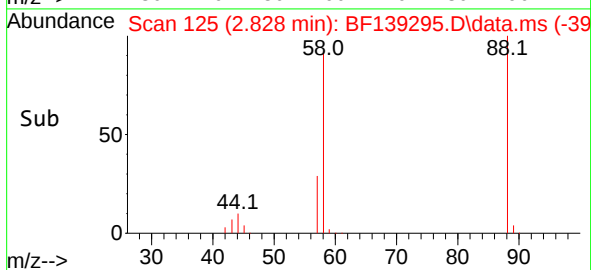
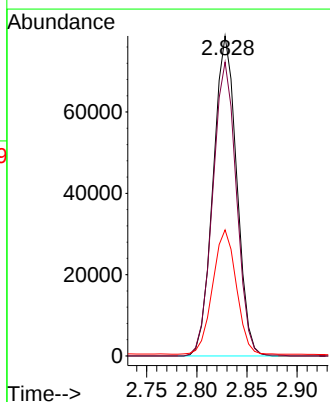
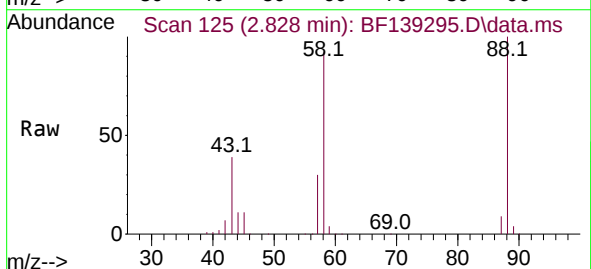
Manual Integrations
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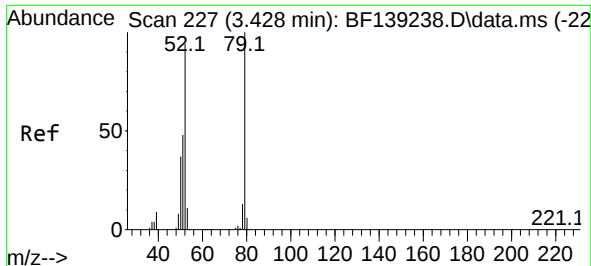
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#2
1,4-Dioxane
Concen: 35.840 ng
RT: 2.828 min Scan# 125
Delta R.T. 0.153 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion: 88 Resp: 128031
Ion Ratio Lower Upper
88 100
58 92.7 72.5 108.7
43 39.8 31.4 47.2





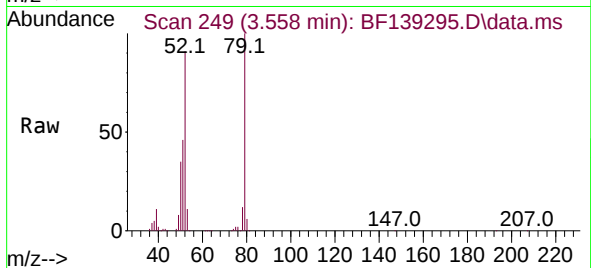
#3
Pyridine
Concen: 40.540 ng
RT: 3.558 min Scan# 241
Delta R.T. 0.129 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

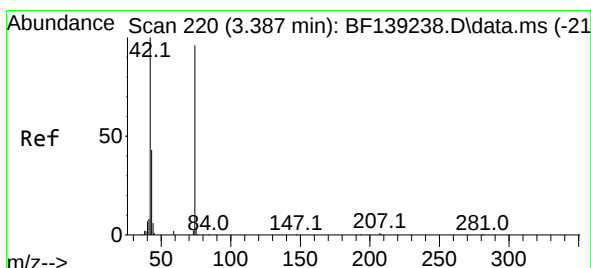
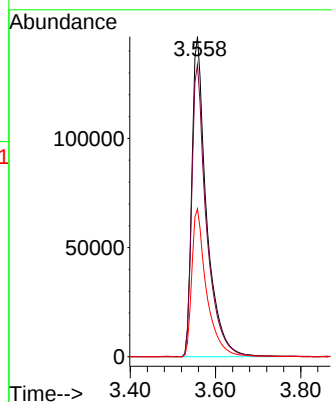
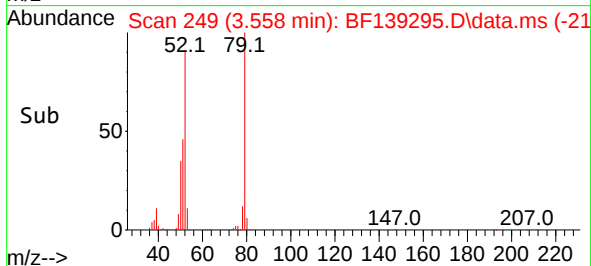


Tgt Ion: 79 Resp: 349578
Ion Ratio Lower Upper
79 100
52 91.3 75.3 112.9
51 46.3 38.2 57.2

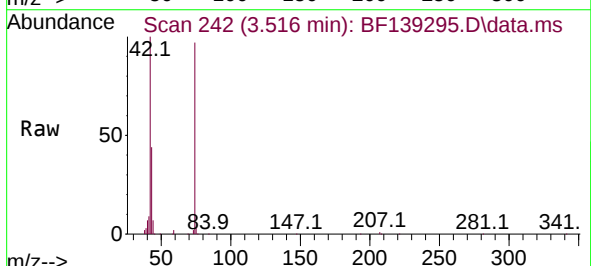
Manual Integrations

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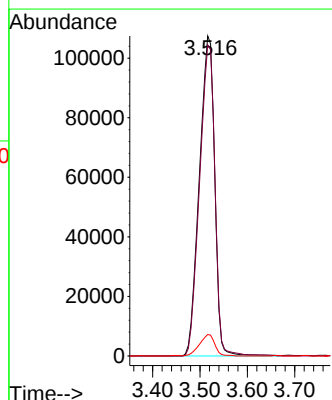
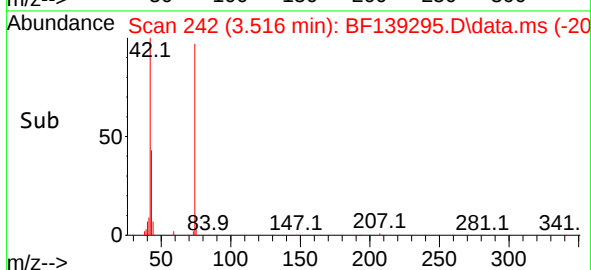
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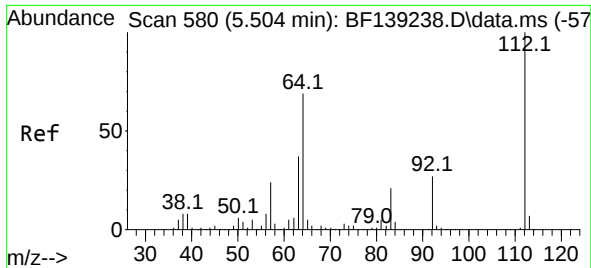


#4
n-Nitrosodimethylamine
Concen: 43.039 ng
RT: 3.516 min Scan# 242
Delta R.T. 0.129 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion: 42 Resp: 241003
Ion Ratio Lower Upper
42 100
74 97.2 77.2 115.8
44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 131.306 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

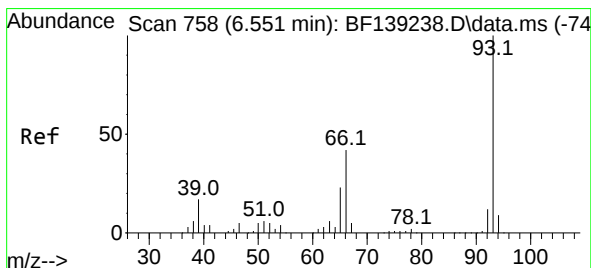
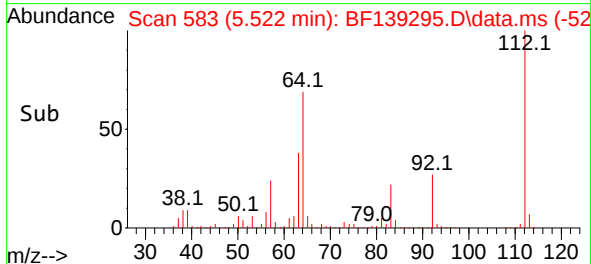
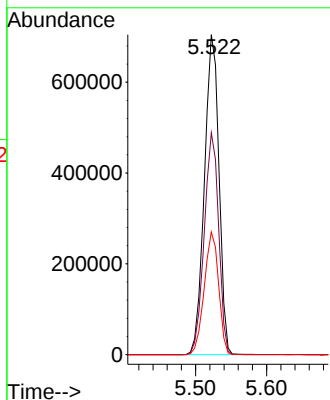
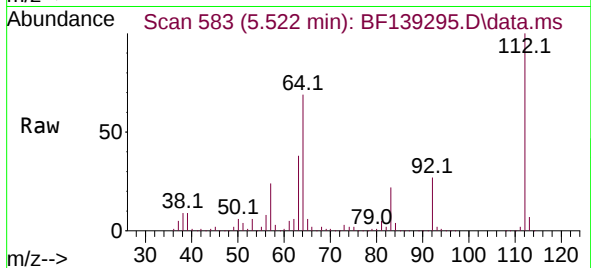
PB163252BS

Tgt Ion:112 Resp: 1007254
Ion Ratio Lower Upper
112 100
64 69.4 55.0 82.4
63 38.3 29.9 44.9

Manual Integrations

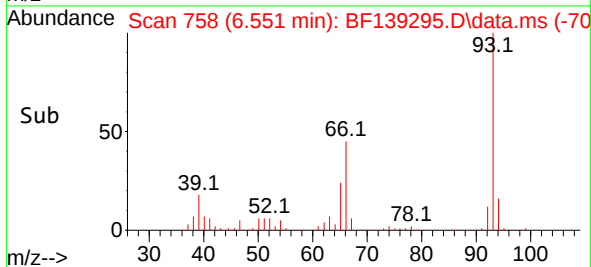
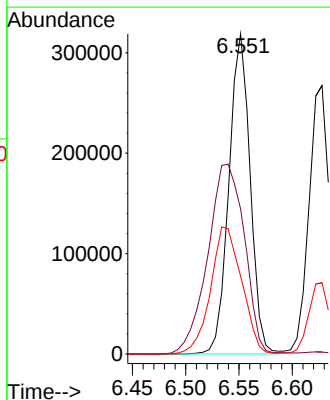
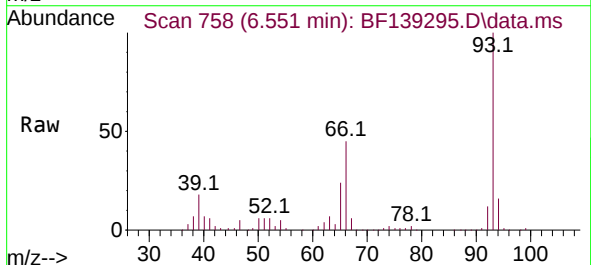
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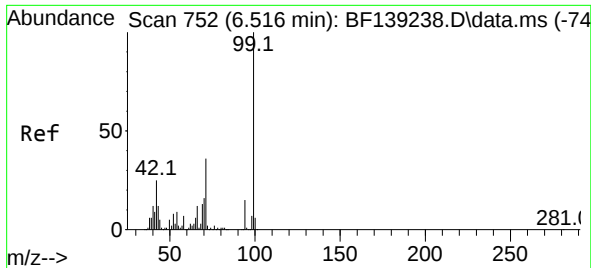
Reviewed By :Jagrut Upadhyay 09/11/2024
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#6
Aniline
Concen: 46.948 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

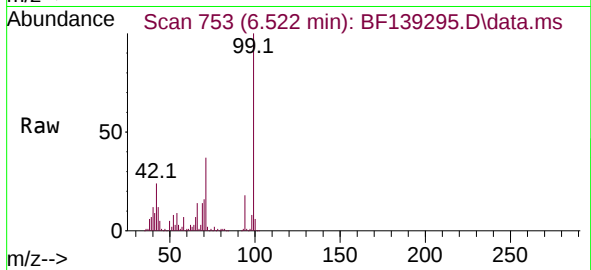
Tgt Ion: 93 Resp: 442110
Ion Ratio Lower Upper
93 100
66 45.3 34.4 51.6
65 24.3 18.2 27.4





#7
Phenol-d6
Concen: 129.794 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

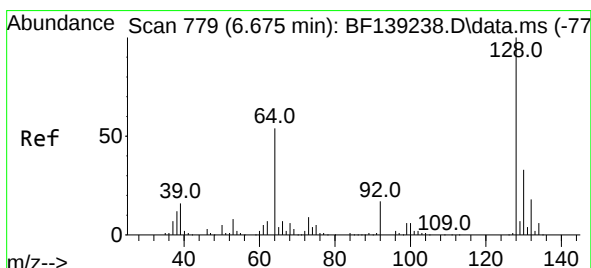
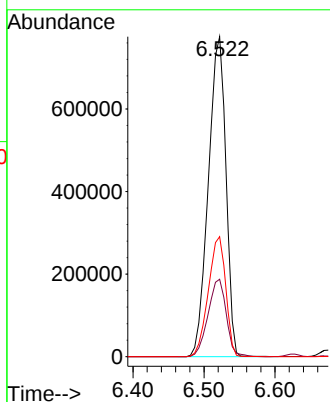
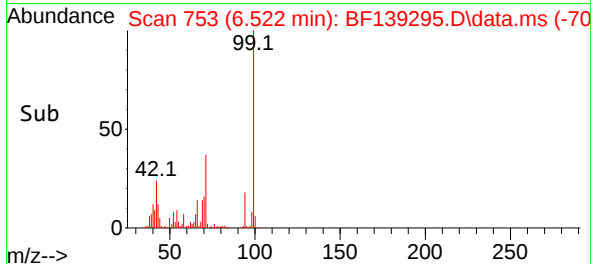
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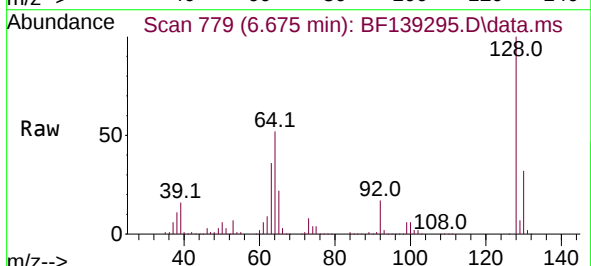
Tgt Ion: 99 Resp: 132917
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 37.5 28.8 43.2

Manual Integrations
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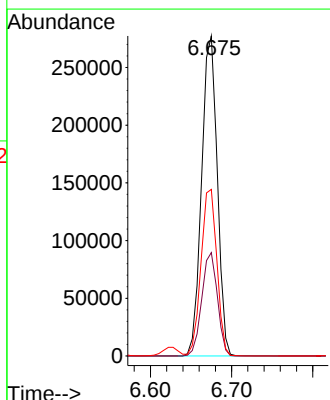
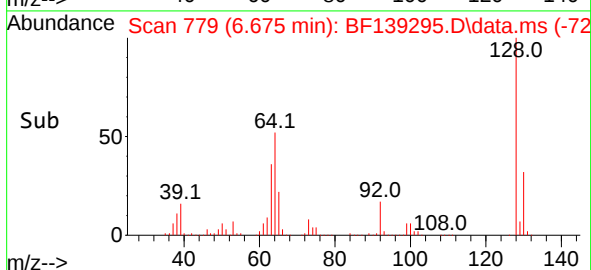
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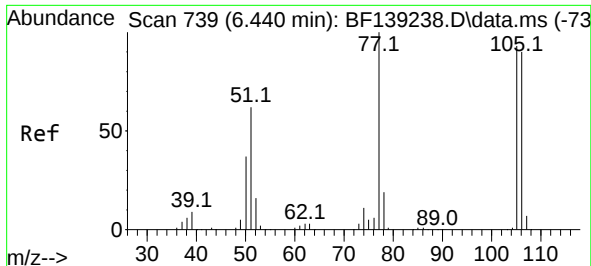


#8
2-Chlorophenol
Concen: 46.716 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:128 Resp: 371396
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 52.1 36.6 76.6





#9

Benzaldehyde

Concen: 14.902 ng

RT: 6.440 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139295.D

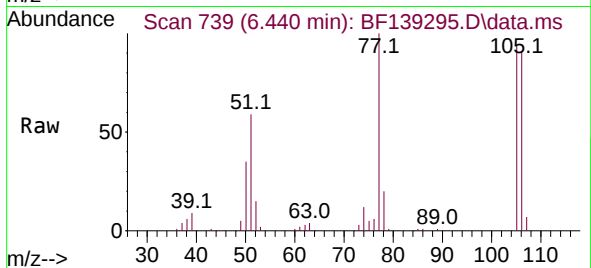
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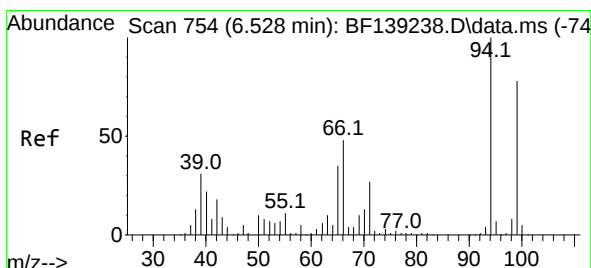
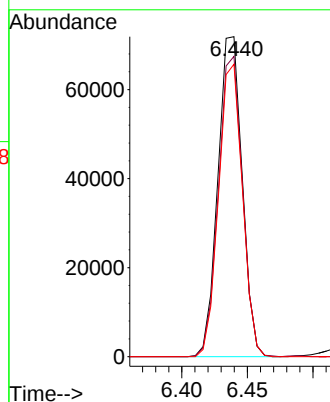
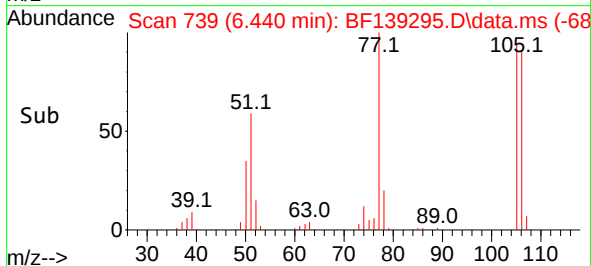


Tgt Ion:	77	Resp:	92378
Ion Ratio	Lower	Upper	
77	100		
105	93.8	72.9	112.9
106	91.4	69.6	109.6

Manual Integrations

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#10

Phenol

Concen: 45.337 ng

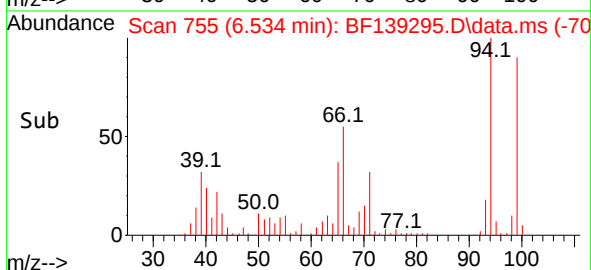
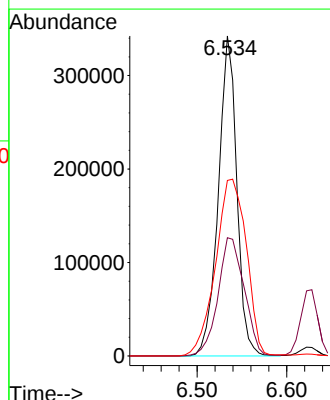
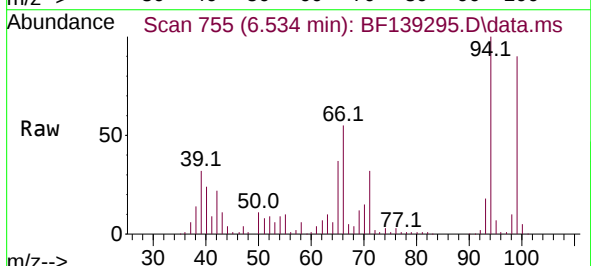
RT: 6.534 min Scan# 755

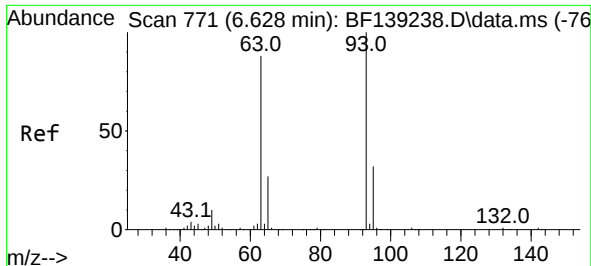
Delta R.T. 0.006 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

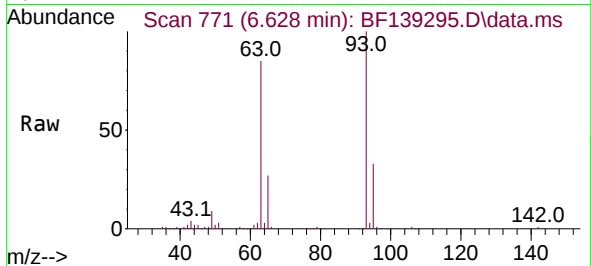
Tgt Ion:	94	Resp:	489720
Ion Ratio	Lower	Upper	
94	100		
65	37.0	14.7	54.7
66	54.9	28.5	68.5





#11
bis(2-Chloroethyl)ether
Concen: 45.130 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

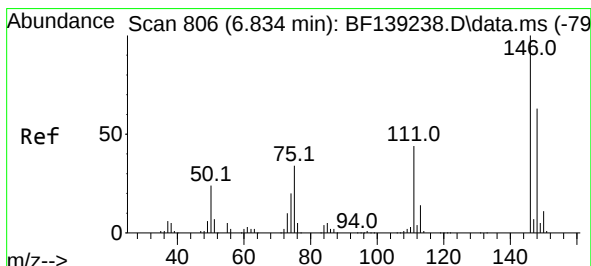
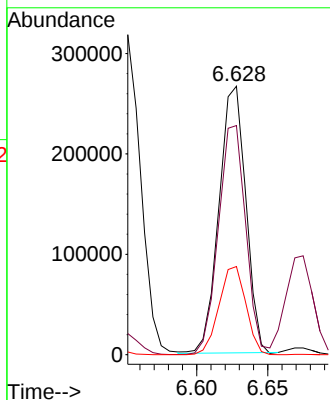
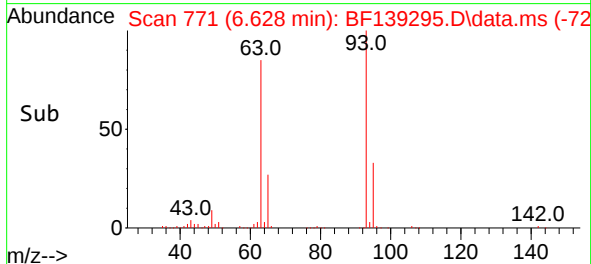
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion: 93 Resp: 34924
Ion Ratio Lower Upper
93 100
63 85.3 67.1 107.1
95 32.8 12.2 52.2

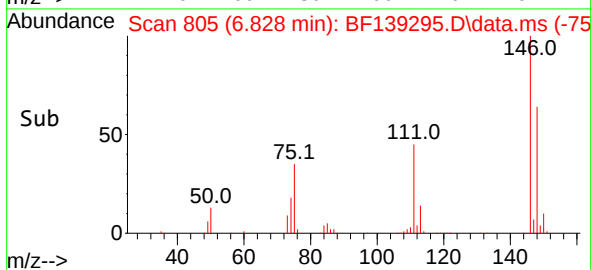
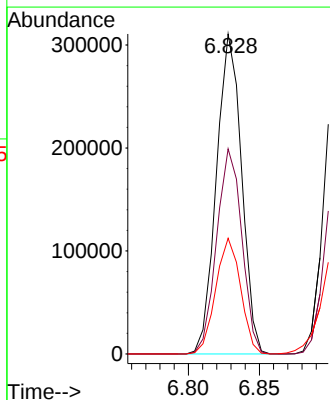
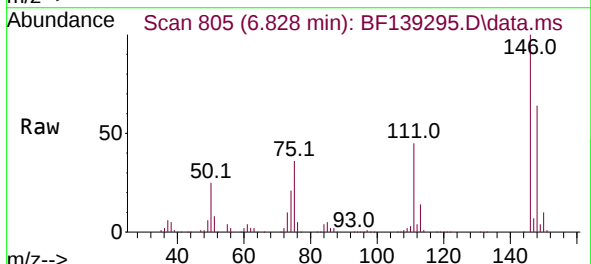
Manual Integrations
APPROVED

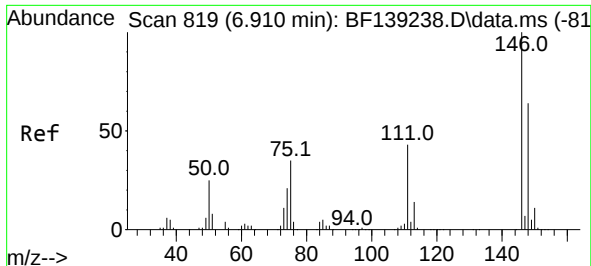
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#12
1,3-Dichlorobenzene
Concen: 42.538 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:146 Resp: 382777
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
75 36.1 27.3 40.9





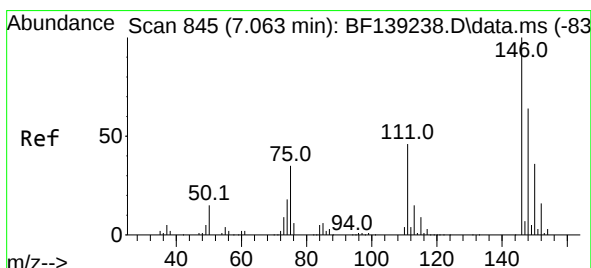
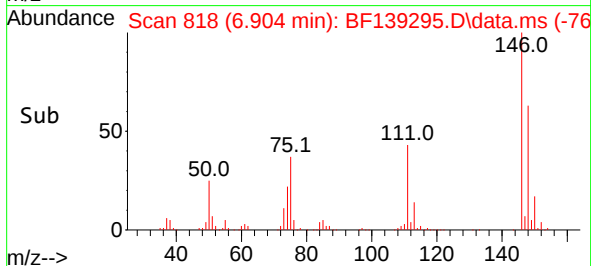
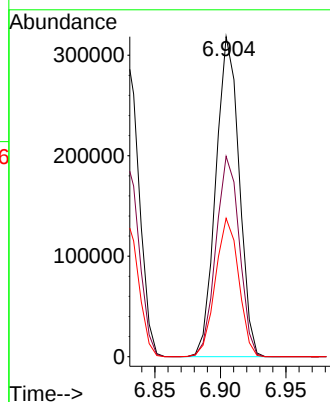
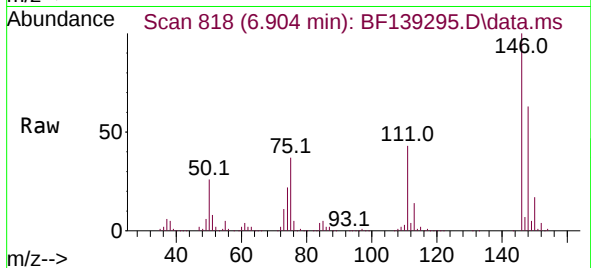
#13
1,4-Dichlorobenzene
Concen: 43.710 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :
BNA_F
ClientSampleId :
PB163252BS

Tgt Ion:146 Resp: 393682
Ion Ratio Lower Upper
146 100
148 62.6 51.2 76.8
111 43.3 34.6 51.8

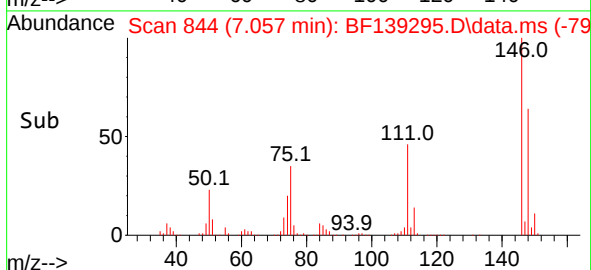
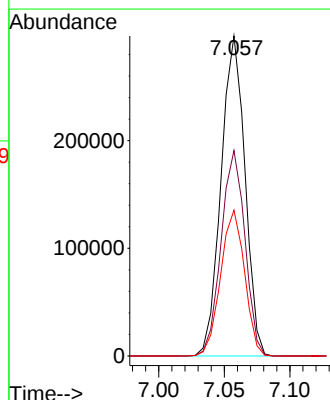
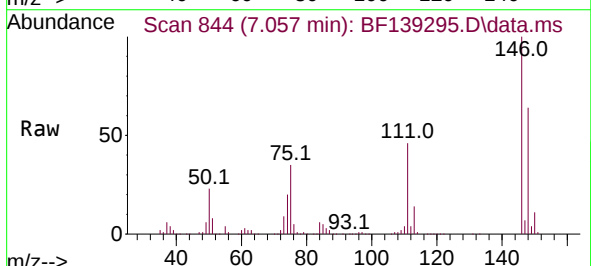
Manual Integrations
APPROVED

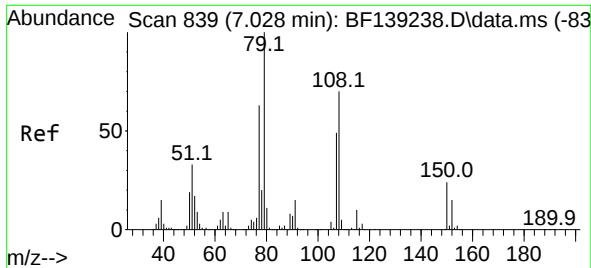
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#14
1,2-Dichlorobenzene
Concen: 44.832 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

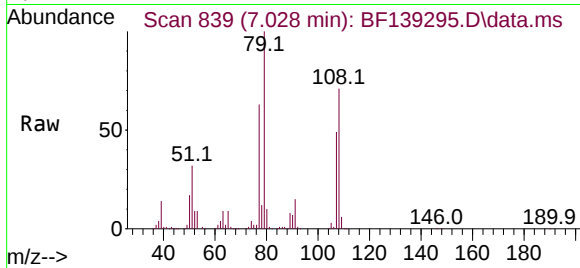
Tgt Ion:146 Resp: 376601
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 45.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 47.868 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

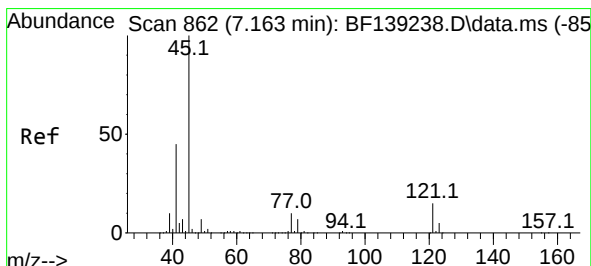
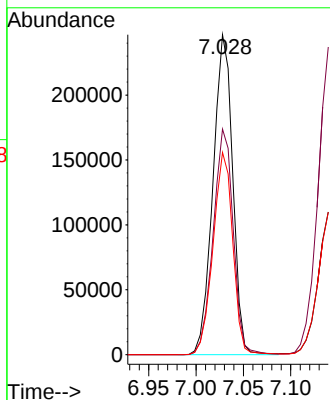
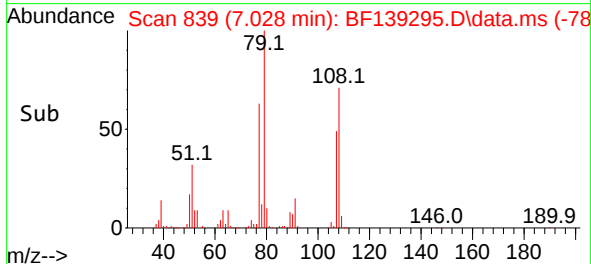
Instrument :
BNA_F
ClientSampleId :
PB163252BS



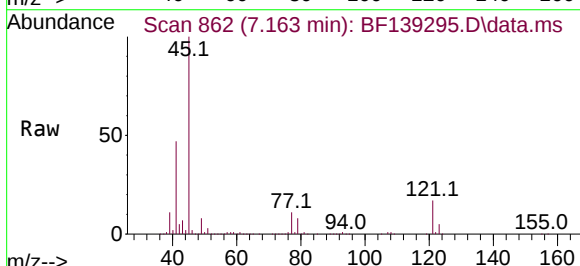
Tgt Ion: 79 Resp: 35749
Ion Ratio Lower Upper
79 100
108 70.5 56.1 84.1
77 63.2 50.6 76.0

Manual Integrations
APPROVED

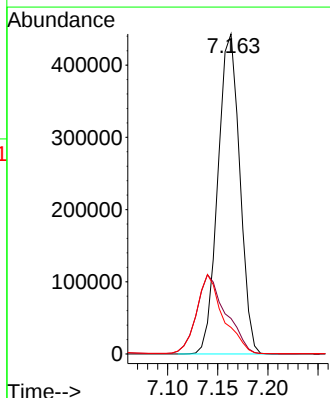
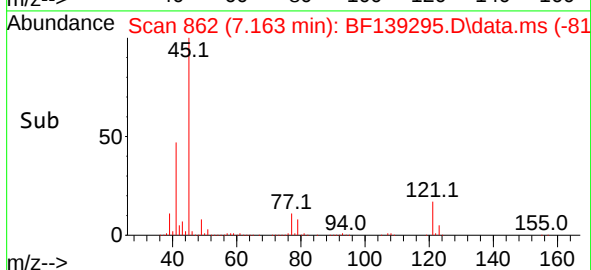
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

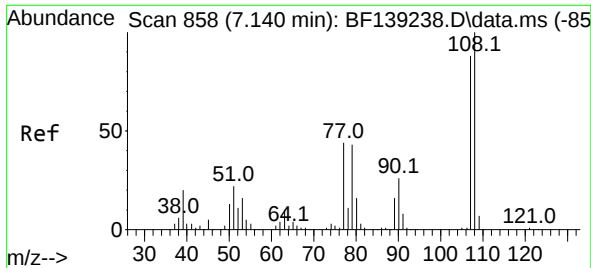


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.609 ng
RT: 7.163 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion: 45 Resp: 671898
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.0
79 8.3 0.0 27.6





#17
2-Methylphenol
Concen: 46.232 ng
RT: 7.140 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

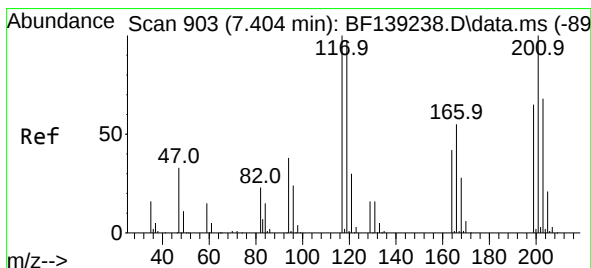
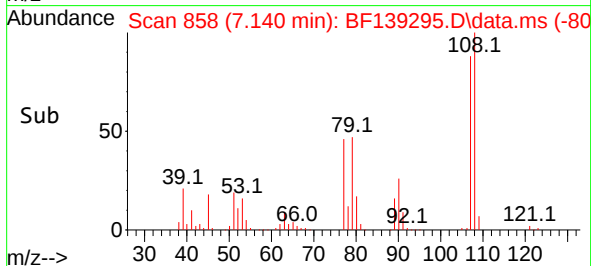
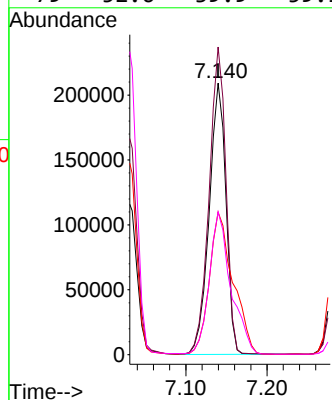
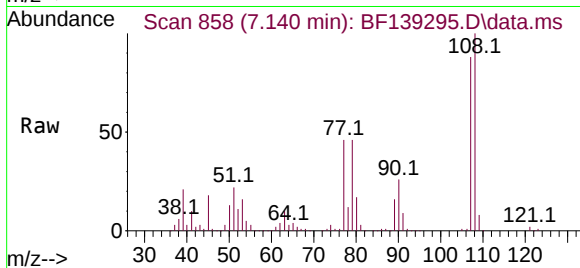
PB163252BS

Tgt Ion:107 Resp: 300230
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.2
77 52.5 40.1 60.1
79 52.6 39.9 59.9

Manual Integrations

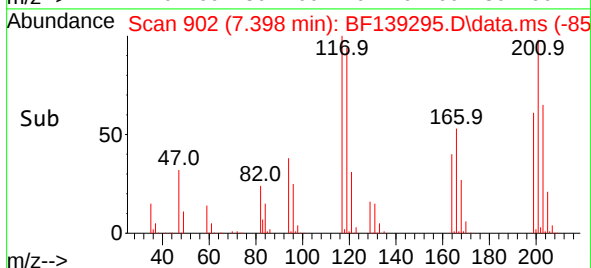
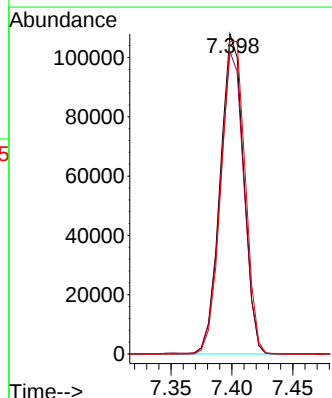
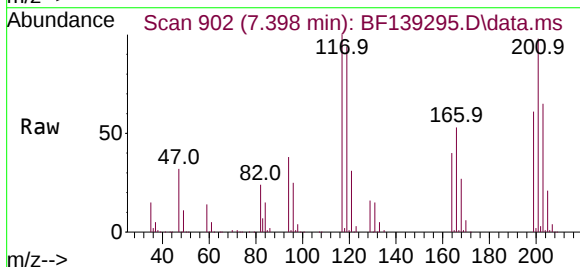
APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#18
Hexachloroethane
Concen: 44.855 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:117 Resp: 144289
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.2
201 97.7 80.0 120.0





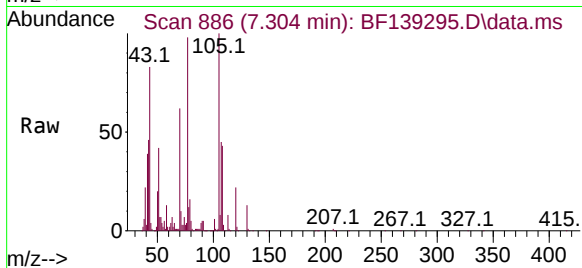
#19
n-Nitroso-di-n-propylamine
Concen: 47.202 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

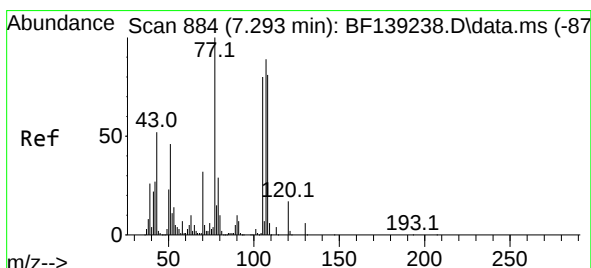
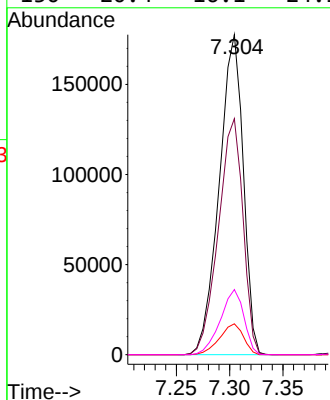
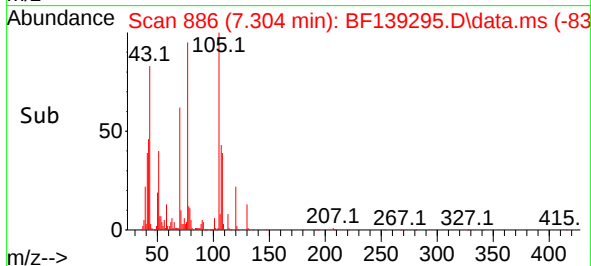


Tgt Ion: 70 Resp: 278400
Ion Ratio Lower Upper
70 100
42 73.7 61.0 91.6
101 9.6 7.2 10.8
130 20.4 16.1 24.1

Manual Integrations

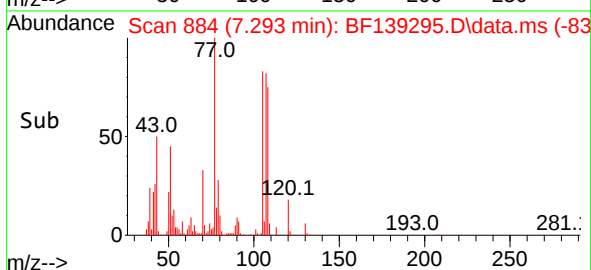
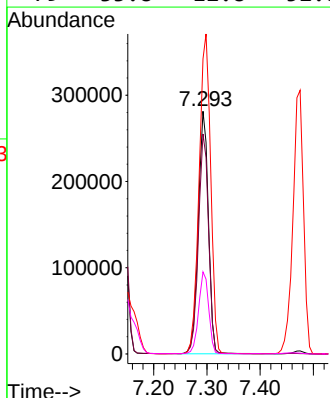
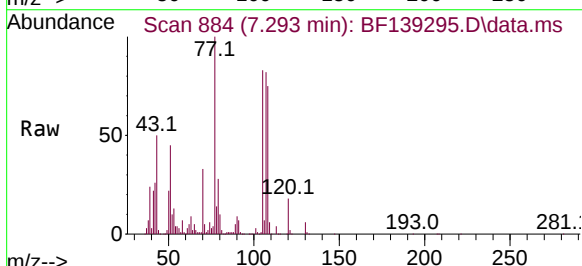
APPROVED

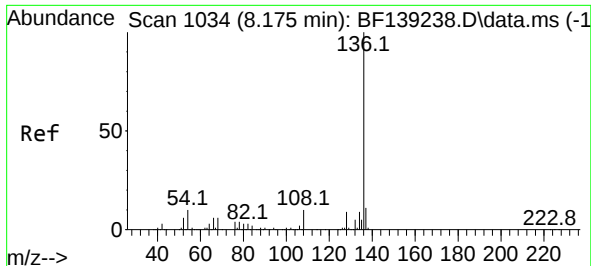
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#20
3+4-Methylphenols
Concen: 45.369 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:107 Resp: 371321
Ion Ratio Lower Upper
107 100
108 90.6 70.4 110.4
77 121.6 92.2 132.2
79 33.8 12.8 52.8





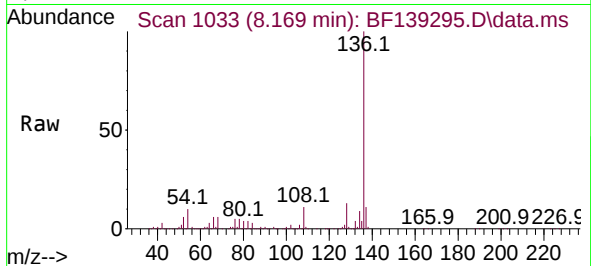
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

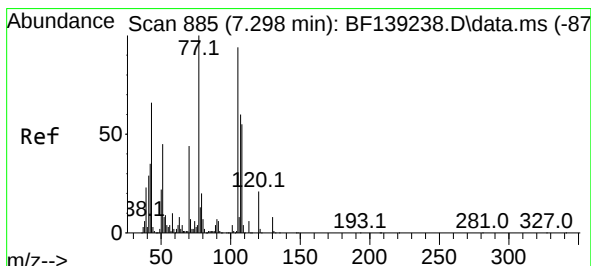
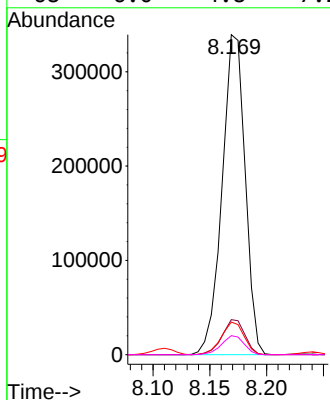
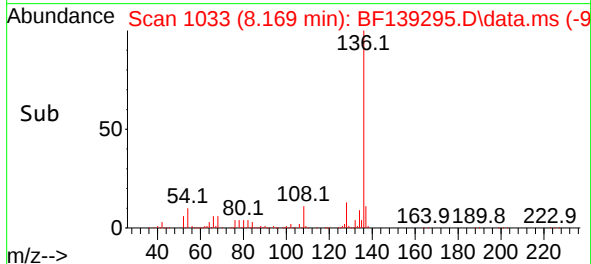


Tgt Ion:136 Resp: 478760
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.4 12.6
68 6.0 4.8 7.2

Manual Integrations

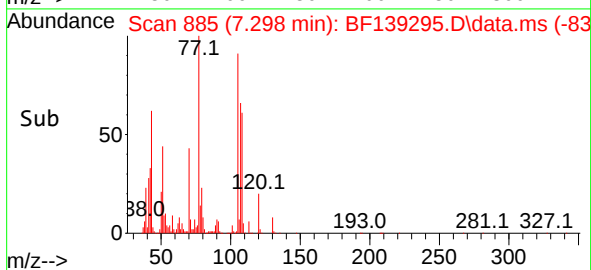
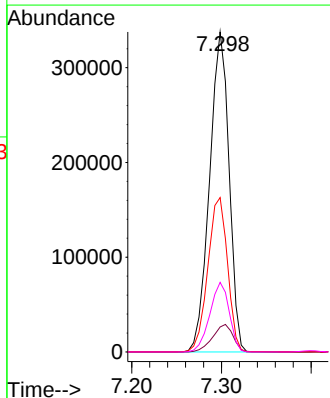
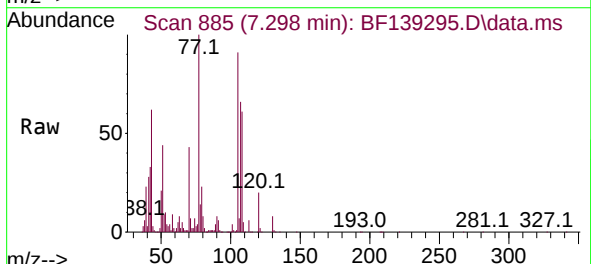
APPROVED

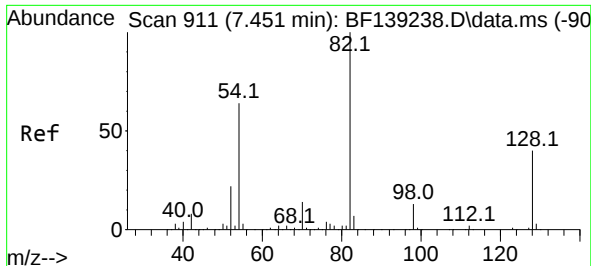
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#22
Acetophenone
Concen: 44.660 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:105 Resp: 509385
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 48.2 38.2 57.2
120 21.8 17.7 26.5





#23

Nitrobenzene-d5

Concen: 94.077 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

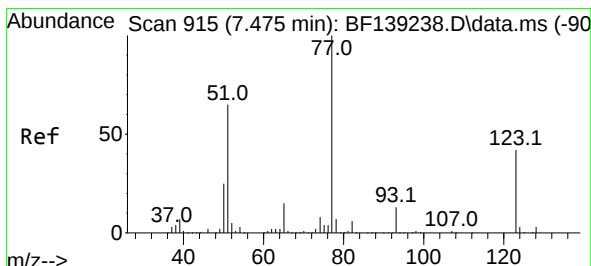
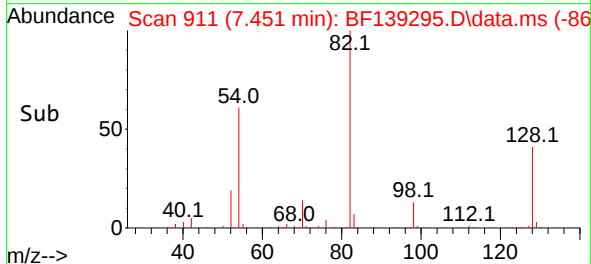
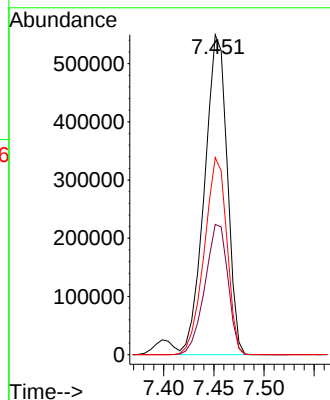
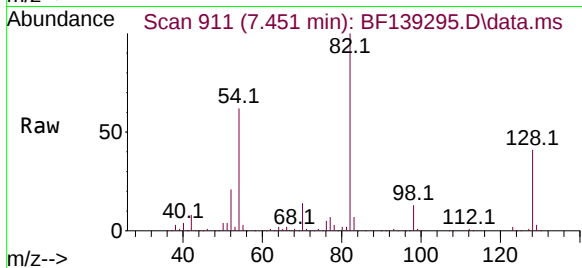
Tgt Ion: 82 Resp: 86579

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.3	48.5
54	61.6	51.2	76.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#24

Nitrobenzene

Concen: 43.187 ng

RT: 7.475 min Scan# 915

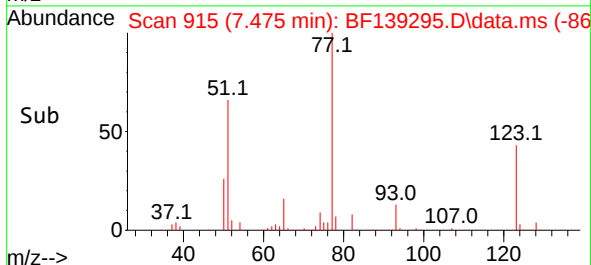
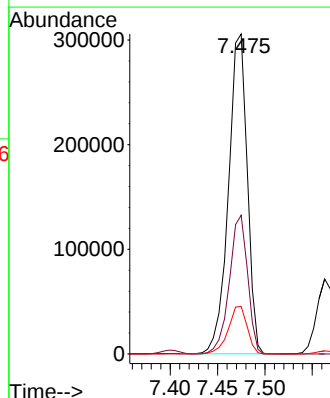
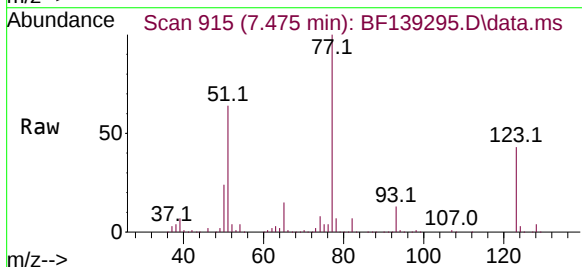
Delta R.T. 0.000 min

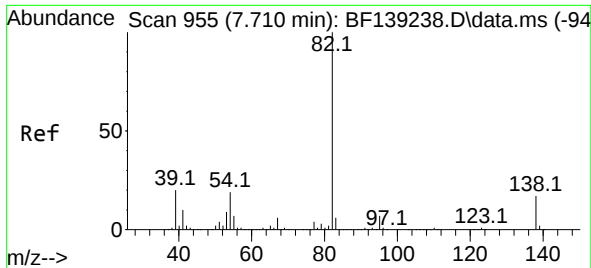
Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Tgt Ion: 77 Resp: 421851

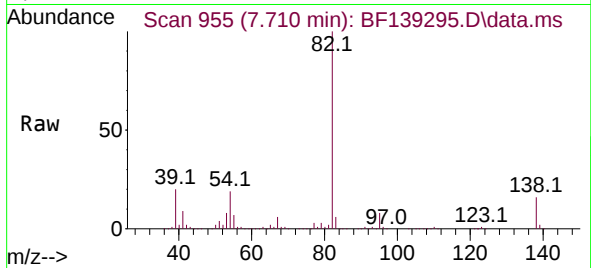
Ion	Ratio	Lower	Upper
77	100		
123	43.3	34.0	51.0
65	14.9	12.1	18.1





#25
Isophorone
Concen: 47.264 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

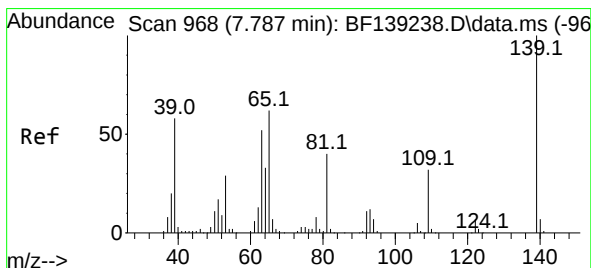
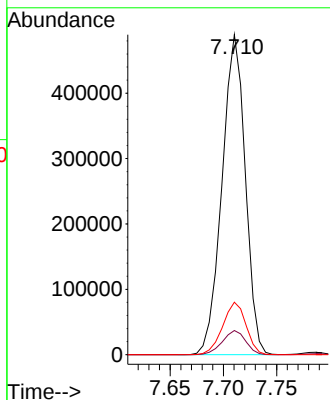
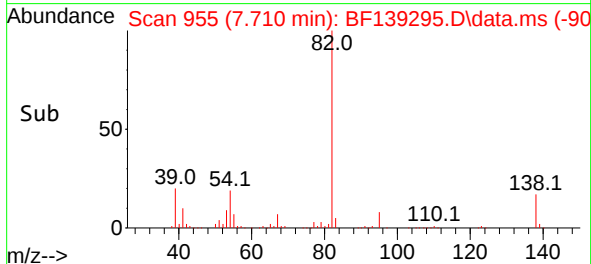
Instrument :
BNA_F
ClientSampleId :
PB163252BS



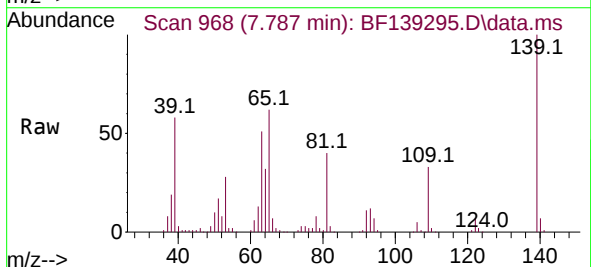
Tgt Ion: 82 Resp: 743654
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.4 13.4 20.0

Manual Integrations
APPROVED

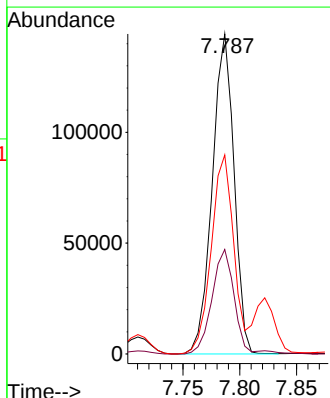
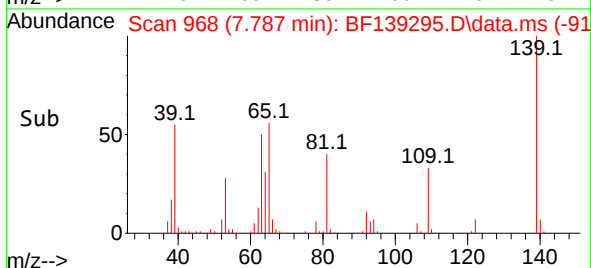
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

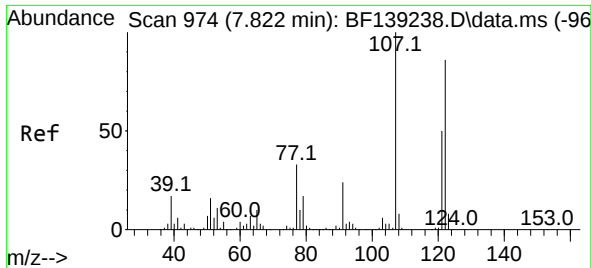


#26
2-Nitrophenol
Concen: 50.158 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:139 Resp: 192429
Ion Ratio Lower Upper
139 100
109 32.7 25.4 38.2
65 62.2 49.4 74.2





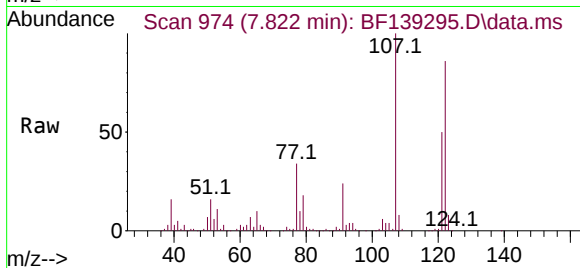
#27
2,4-Dimethylphenol
Concen: 56.043 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

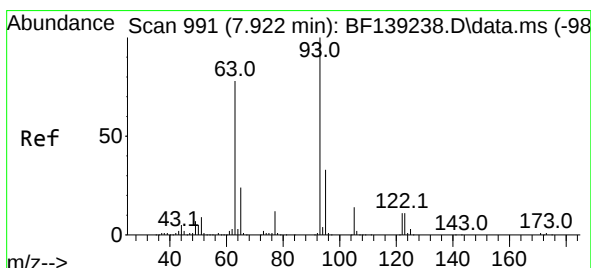
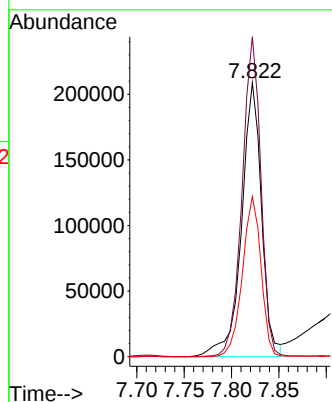
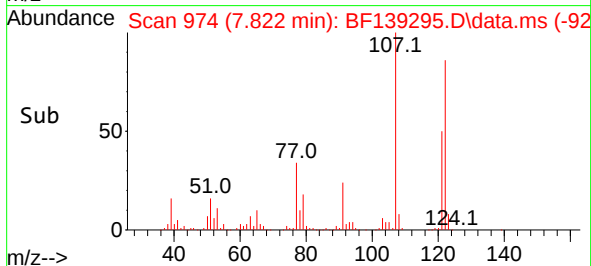


Tgt Ion:122 Resp: 30664
Ion Ratio Lower Upper
122 100
107 116.8 93.4 140.2
121 58.5 46.6 70.0

Manual Integrations

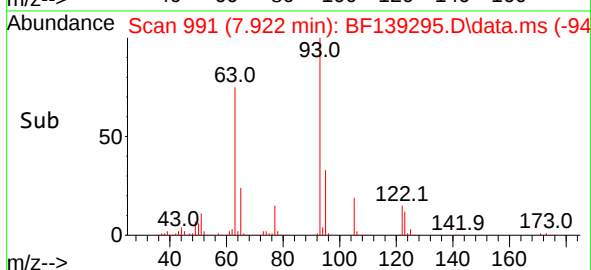
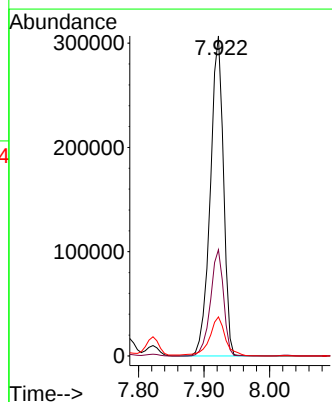
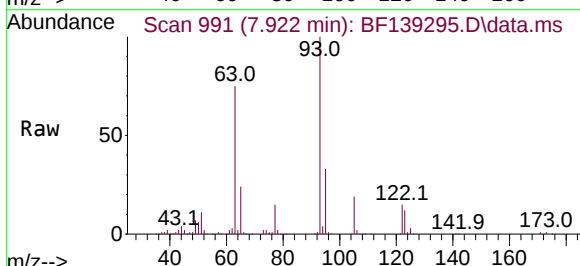
APPROVED

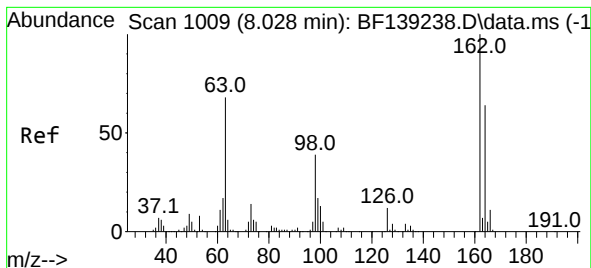
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.746 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion: 93 Resp: 428831
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 46.802 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139295.D

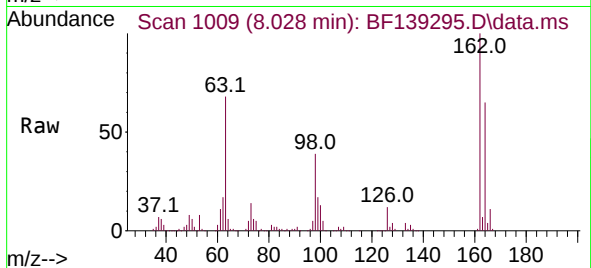
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS



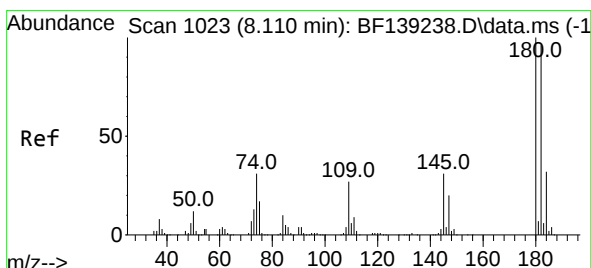
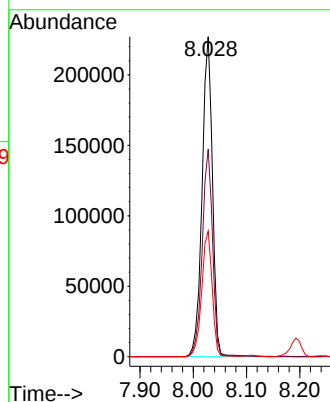
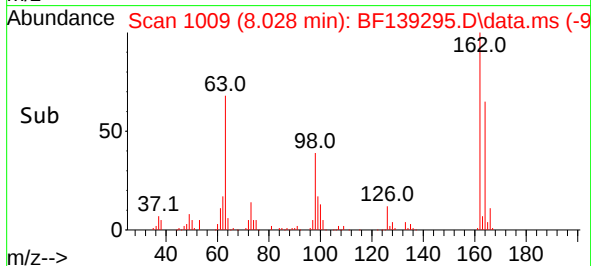
Tgt Ion:162 Resp: 30661

Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.6	83.6
98	39.2	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#30

1,2,4-Trichlorobenzene

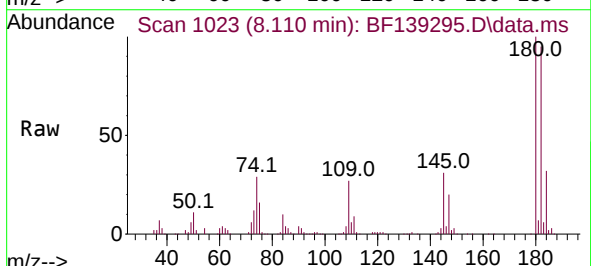
Concen: 43.863 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

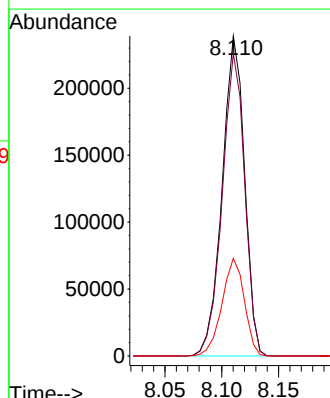
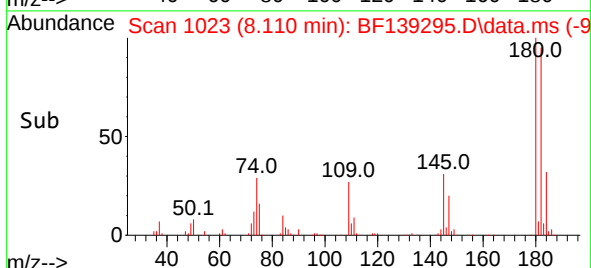
Lab File: BF139295.D

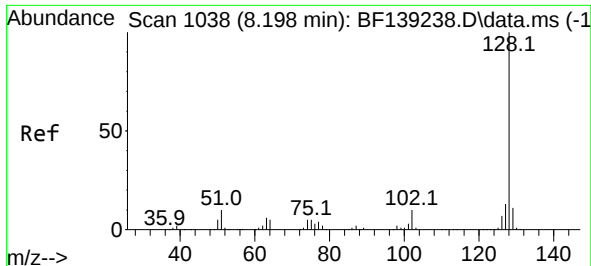
Acq: 10 Sep 2024 12:49



Tgt Ion:180 Resp: 328188

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.5	114.7
145	30.5	25.1	37.7





#31
Naphthalene
Concen: 44.070 ng
RT: 8.193 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

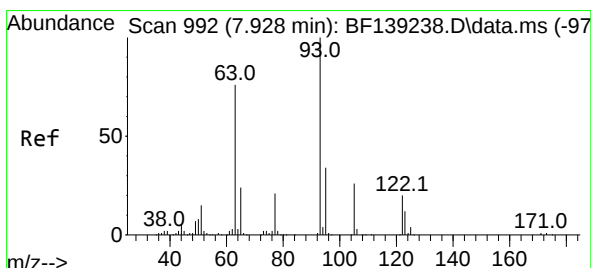
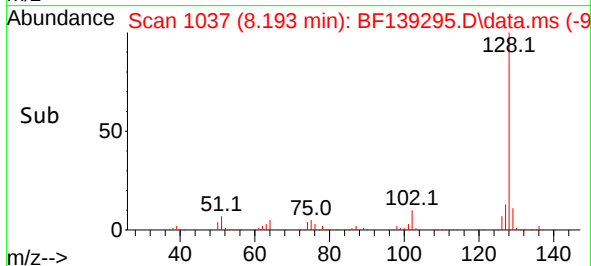
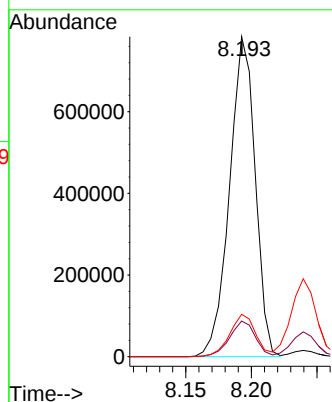
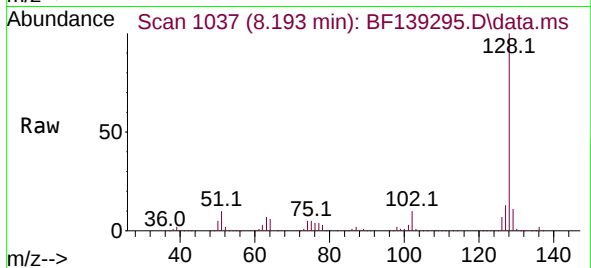
PB163252BS

Tgt Ion:128 Resp: 106848
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 15.8

Manual Integrations

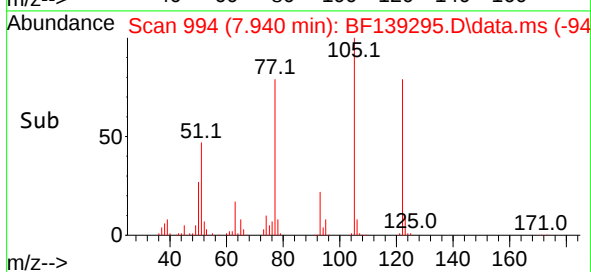
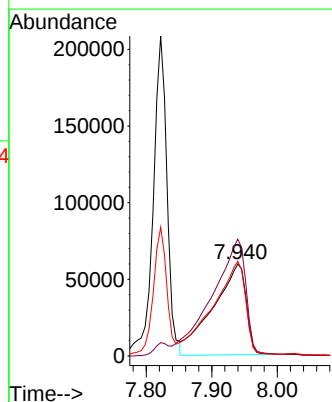
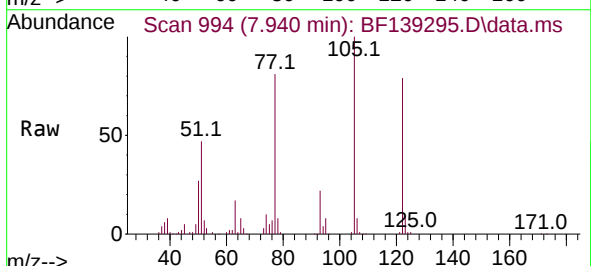
APPROVED

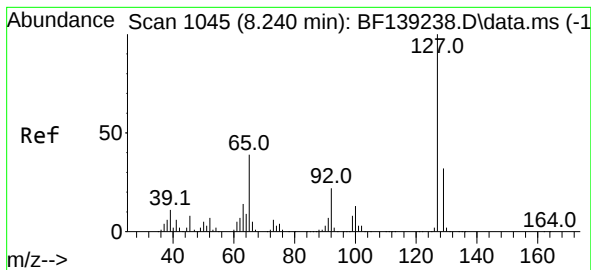
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#32
Benzoic acid
Concen: 41.731 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:122 Resp: 207980
Ion Ratio Lower Upper
122 100
105 127.0 106.3 146.3
77 102.7 84.1 124.1





#33
4-Chloroaniline
Concen: 31.052 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

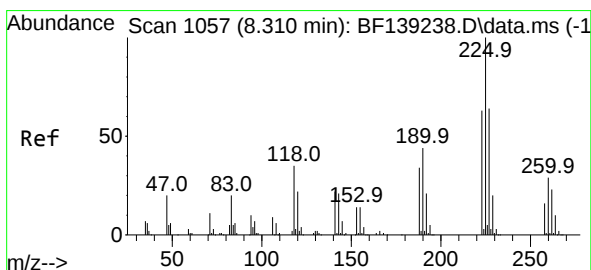
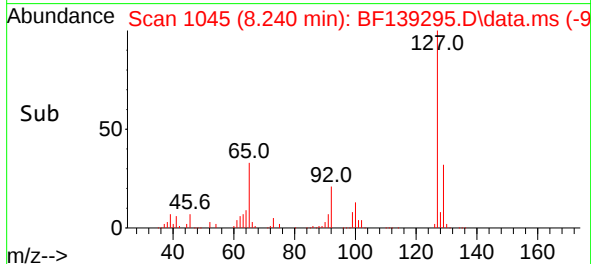
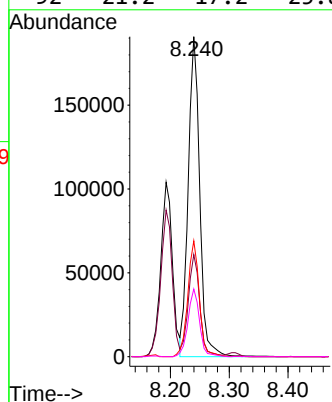
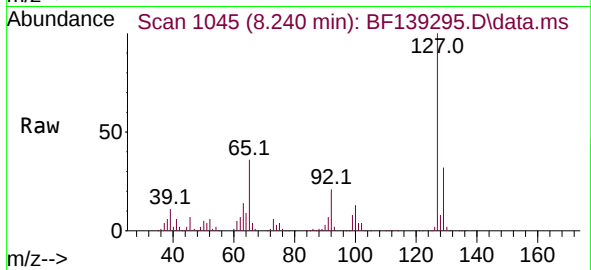
PB163252BS

Tgt Ion:127 Resp: 26068
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 36.2 30.6 45.8
92 21.2 17.2 25.8

Manual Integrations

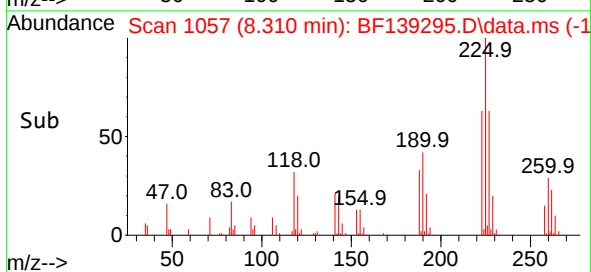
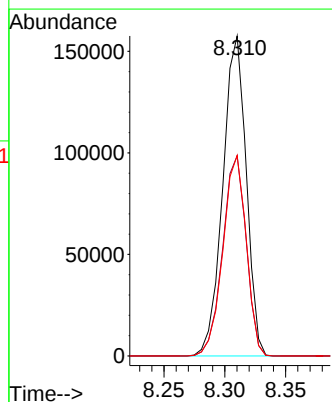
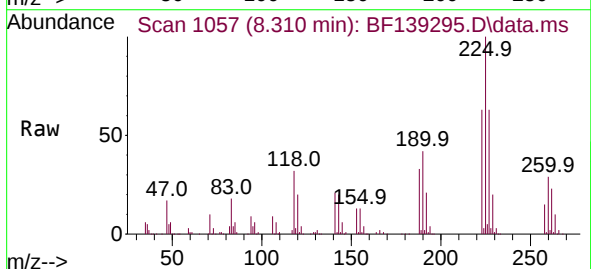
APPROVED

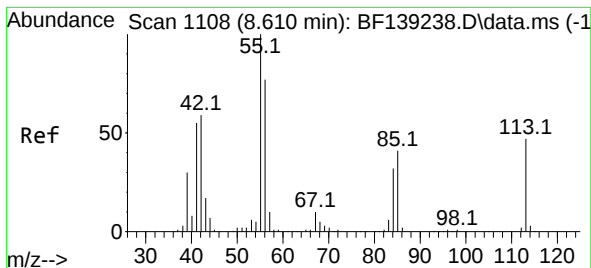
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#34
Hexachlorobutadiene
Concen: 44.472 ng
RT: 8.310 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

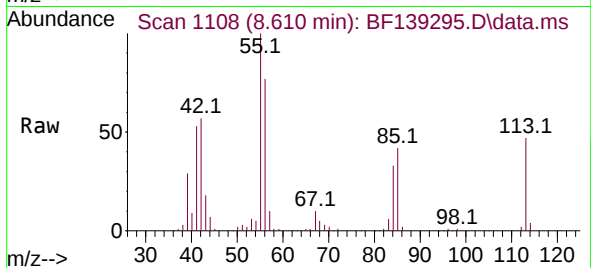
Tgt Ion:225 Resp: 210848
Ion Ratio Lower Upper
225 100
223 62.6 50.7 76.1
227 62.7 51.5 77.3





#35
Caprolactam
Concen: 47.809 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

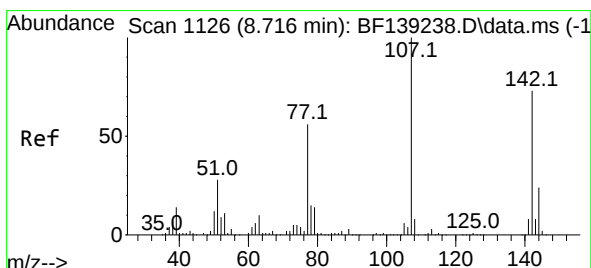
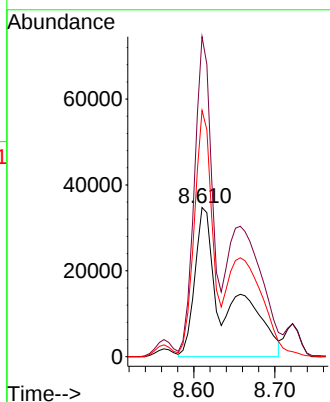
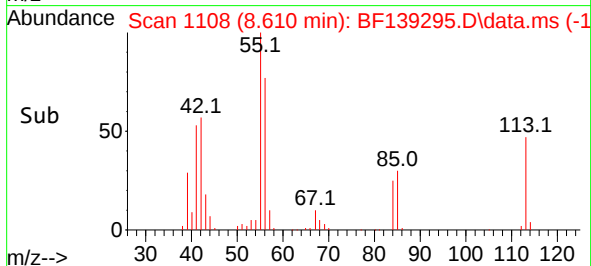
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion:113 Resp: 96964
Ion Ratio Lower Upper
113 100
55 214.5 193.7 233.7
56 165.0 145.0 185.0

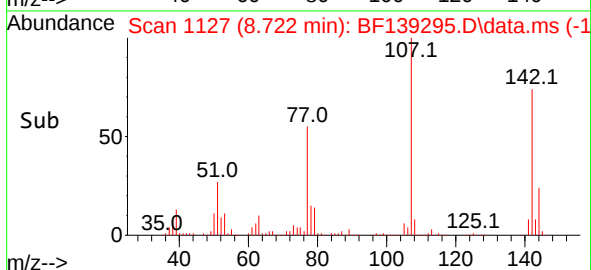
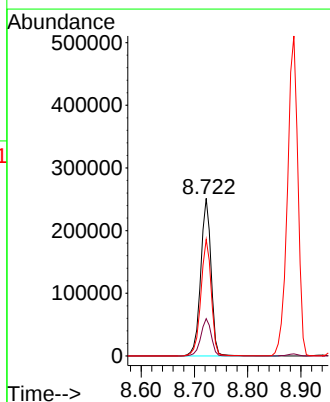
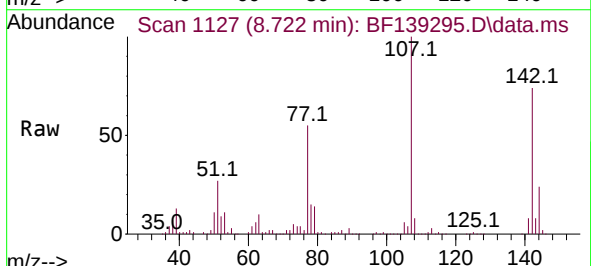
Manual Integrations
APPROVED

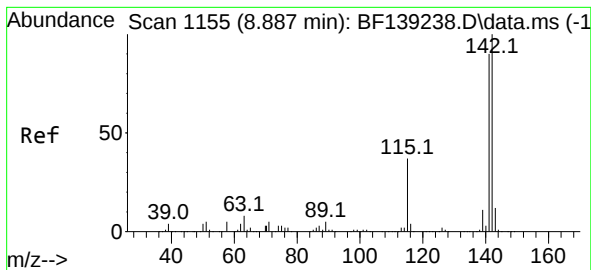
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#36
4-Chloro-3-methylphenol
Concen: 47.569 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:107 Resp: 339594
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 73.9 58.3 87.5





#37
2-Methylnaphthalene
Concen: 45.909 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

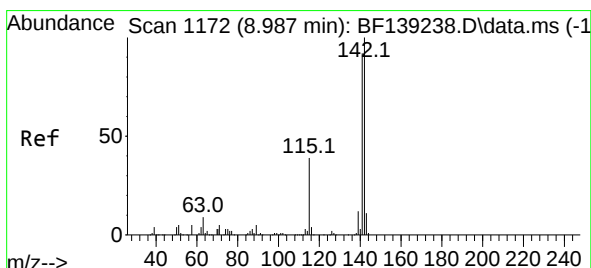
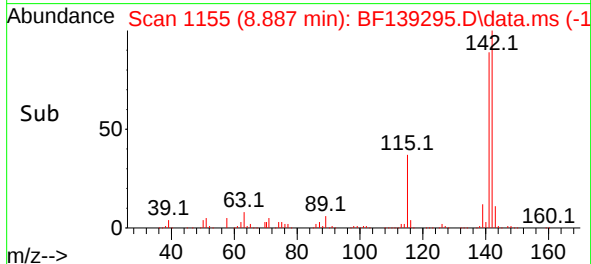
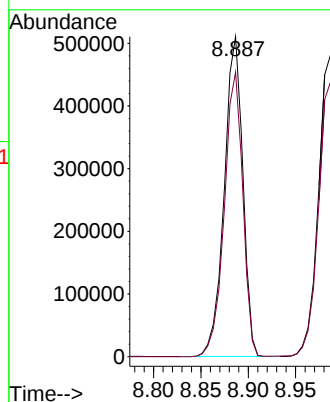
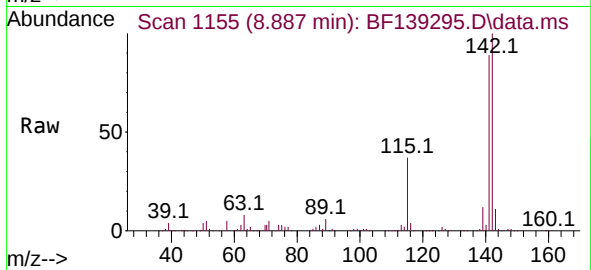
PB163252BS

Tgt Ion:142 Resp: 696392
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4

Manual Integrations

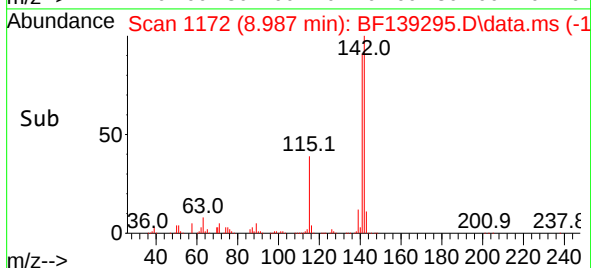
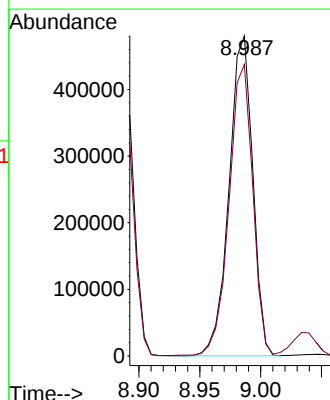
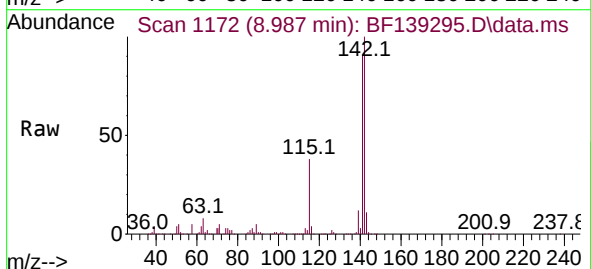
APPROVED

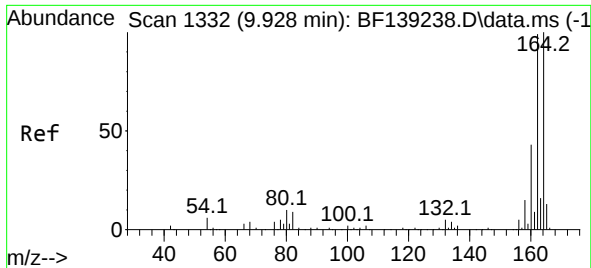
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#38
1-Methylnaphthalene
Concen: 43.498 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:142 Resp: 648930
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3





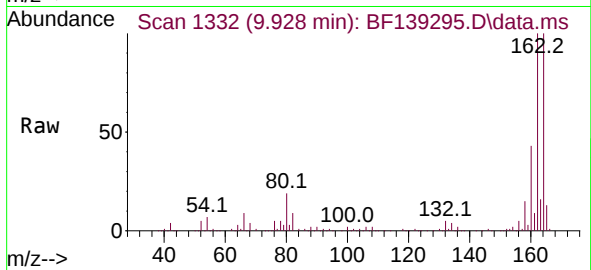
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

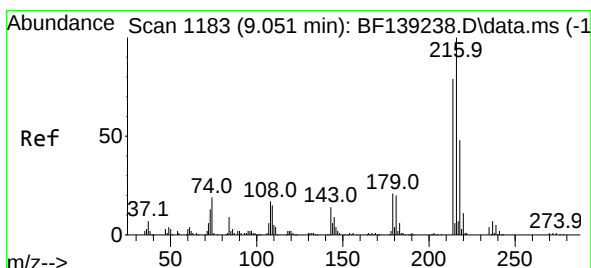
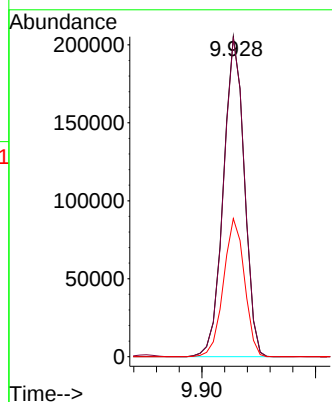
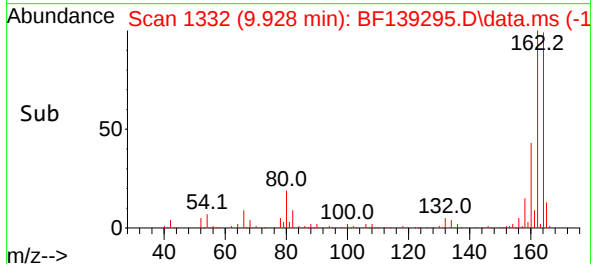


Tgt Ion:164 Resp: 26190
Ion Ratio Lower Upper
164 100
162 99.6 79.2 118.8
160 43.2 34.2 51.2

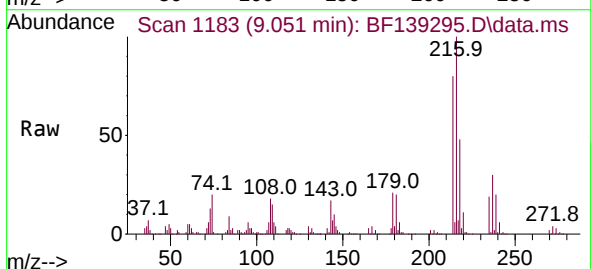
Manual Integrations

APPROVED

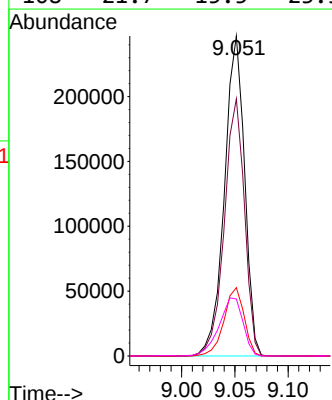
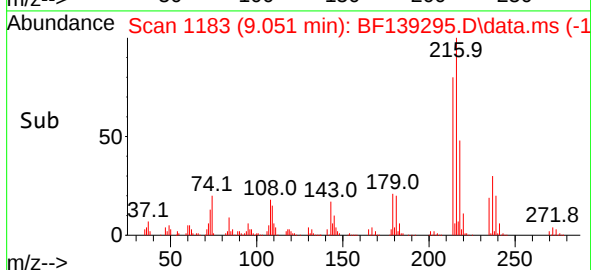
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

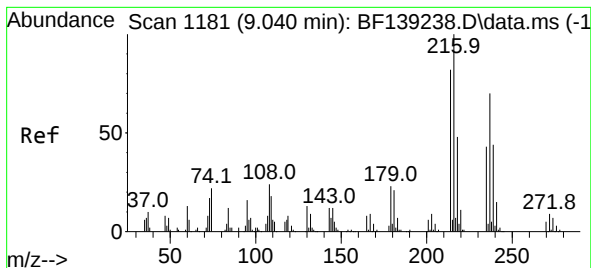


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.676 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:216 Resp: 323635
Ion Ratio Lower Upper
216 100
214 80.3 63.8 95.8
179 21.4 16.9 25.3
108 21.7 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 177.394 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

Tgt Ion:237 Resp: 42244

Ion Ratio Lower Upper

237 100

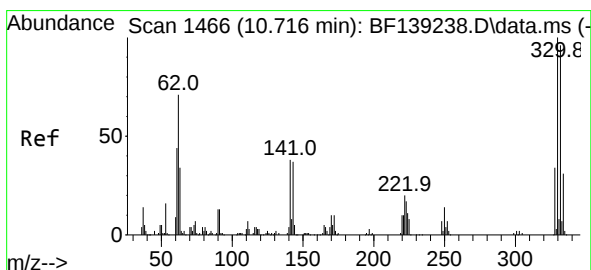
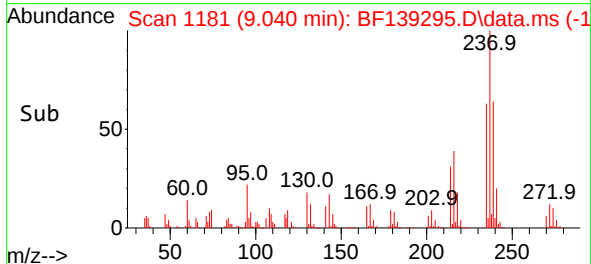
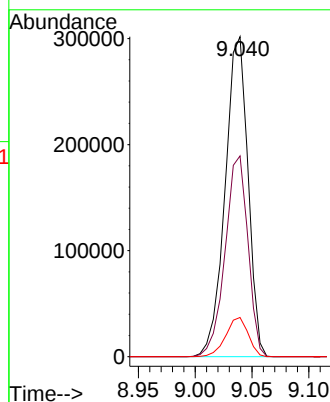
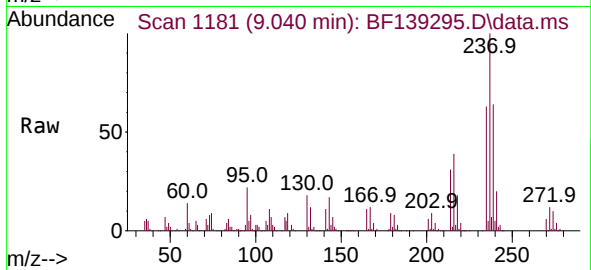
235 62.7 41.4 81.4

272 12.2 0.0 32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#42

2,4,6-Tribromophenol

Concen: 148.719 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

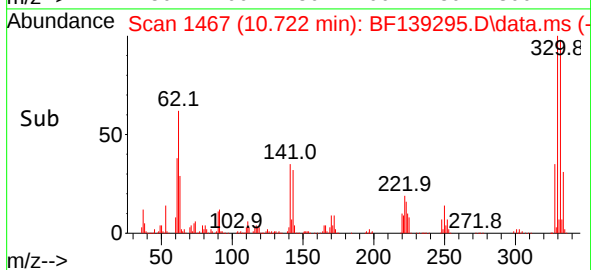
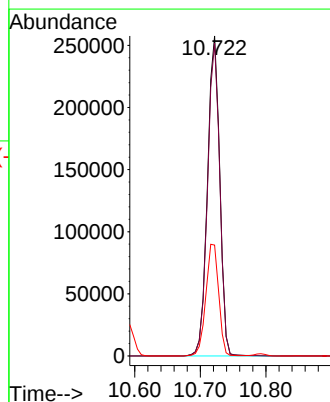
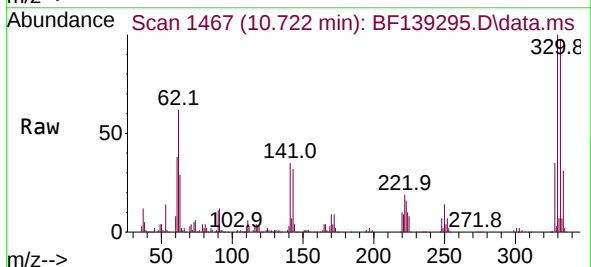
Tgt Ion:330 Resp: 336339

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

141 36.6 30.1 45.1





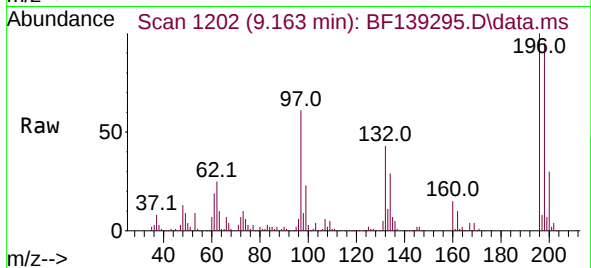
#43
2,4,6-Trichlorophenol
Concen: 48.788 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

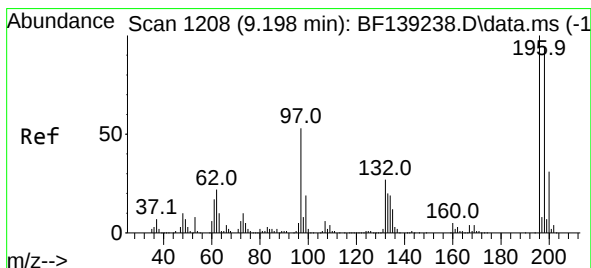
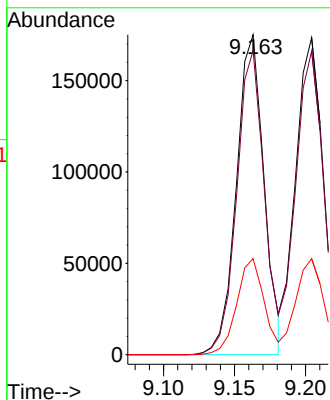
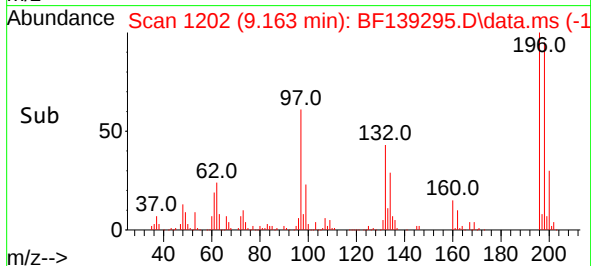


Tgt Ion:196 Resp: 23653
Ion Ratio Lower Upper
196 100
198 95.0 77.0 115.4
200 30.0 24.7 37.1

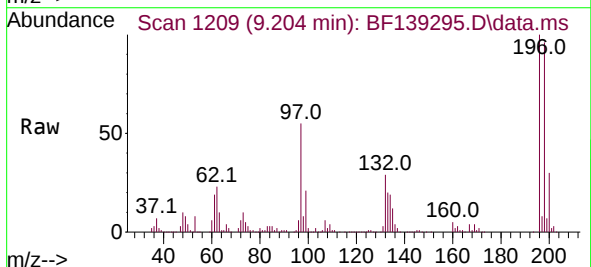
Manual Integrations

APPROVED

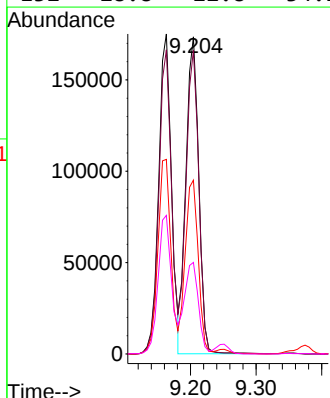
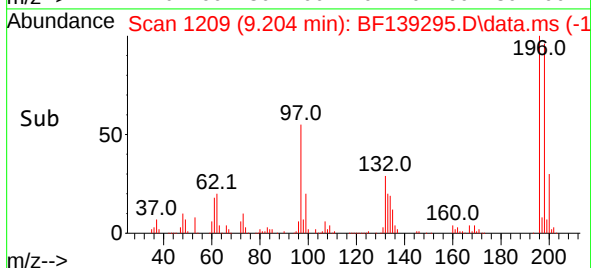
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

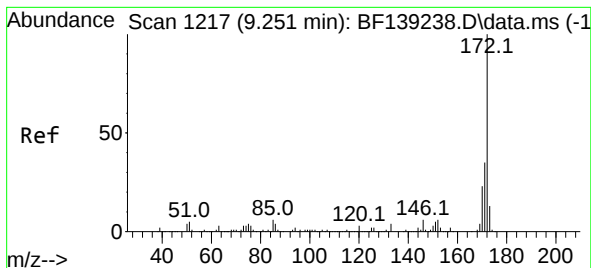


#44
2,4,5-Trichlorophenol
Concen: 46.198 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:196 Resp: 234710
Ion Ratio Lower Upper
196 100
198 95.7 75.6 113.4
97 54.8 43.6 65.4
132 28.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 91.703 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

Tgt Ion:172 Resp: 155589

Ion Ratio Lower Upper

172 100

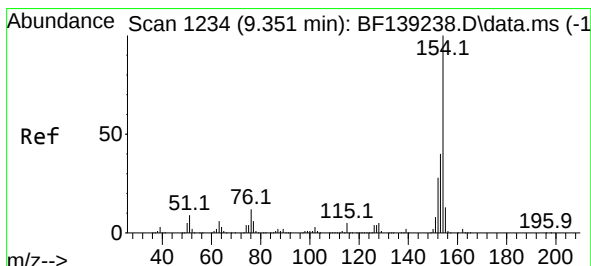
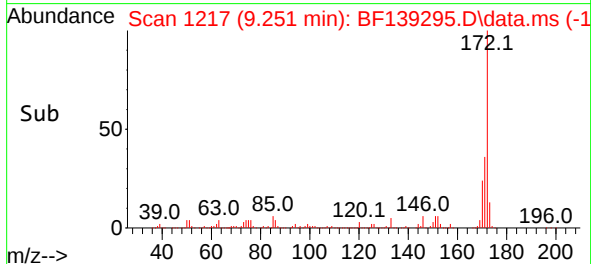
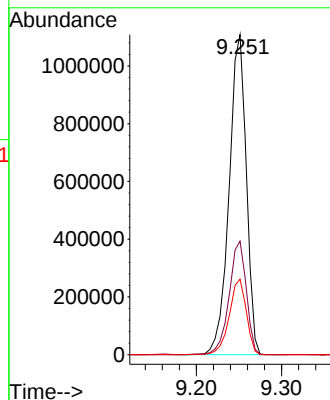
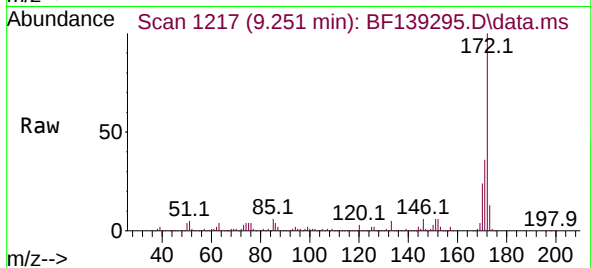
171 35.5 28.3 42.5

170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#46

1,1'-Biphenyl

Concen: 44.753 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

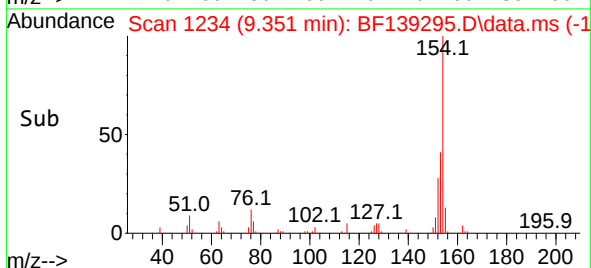
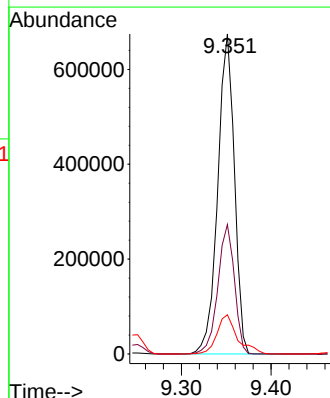
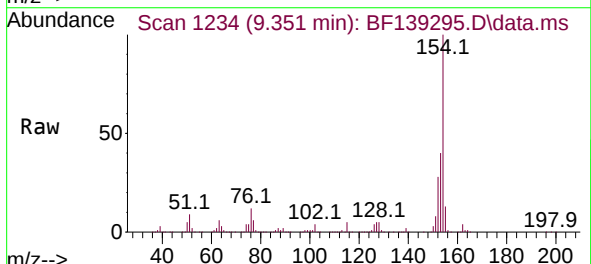
Tgt Ion:154 Resp: 868415

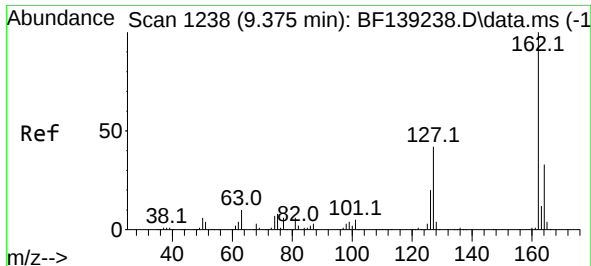
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.3 0.0 32.3





#47

2-Chloronaphthalene

Concen: 44.598 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

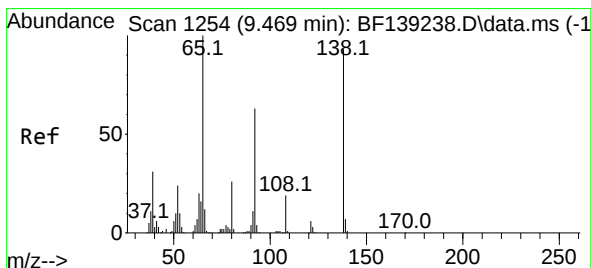
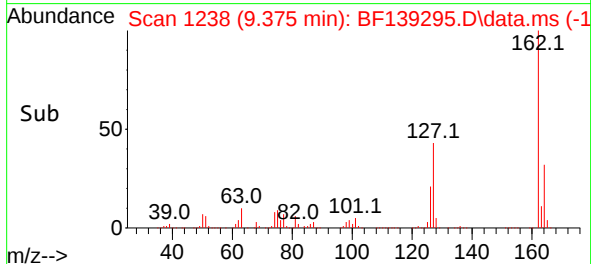
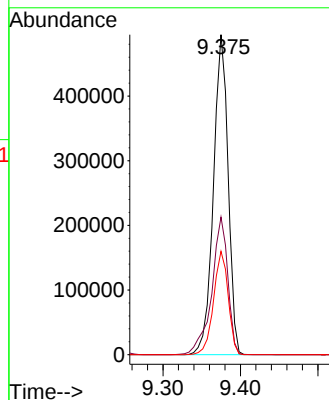
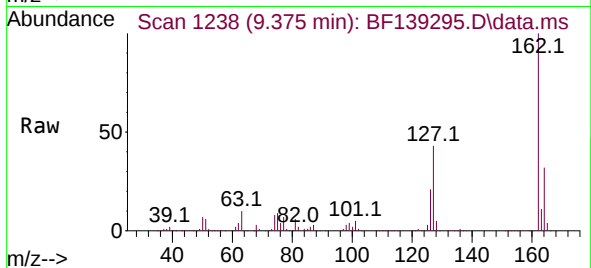
PB163252BS

Tgt Ion:	162	Resp:	65345
Ion Ratio	Lower	Upper	
162	100		
127	43.0	34.2	51.4
164	32.3	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#48

2-Nitroaniline

Concen: 49.260 ng

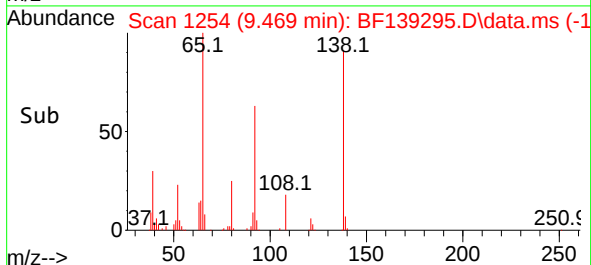
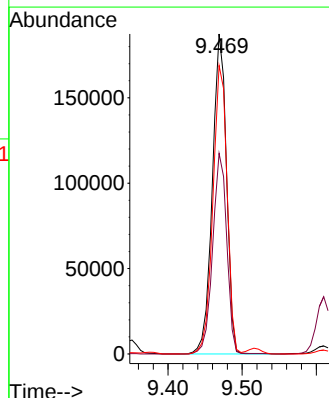
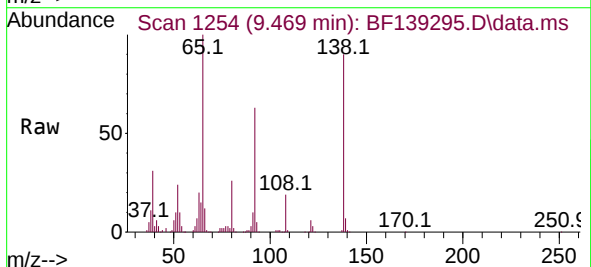
RT: 9.469 min Scan# 1254

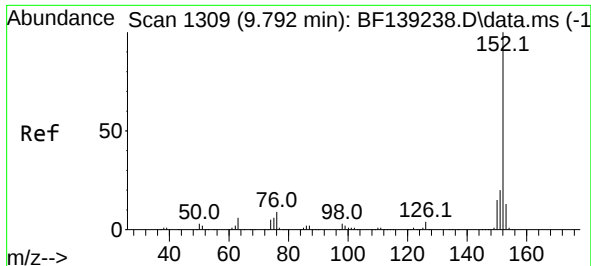
Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Tgt Ion:	65	Resp:	248604
Ion Ratio	Lower	Upper	
65	100		
92	62.7	50.4	75.6
138	90.1	74.2	111.4





#49

Acenaphthylene

Concen: 48.612 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139295.D

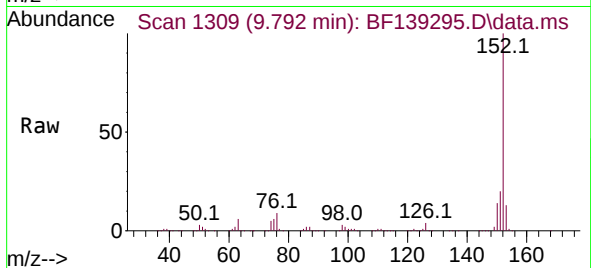
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS



Tgt Ion:152 Resp: 107278

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

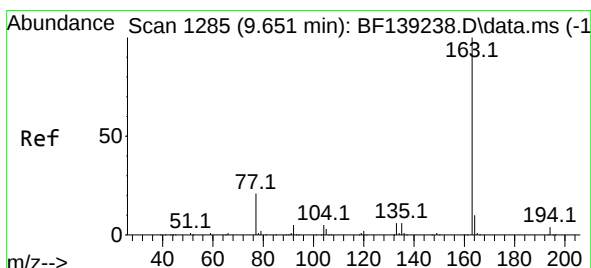
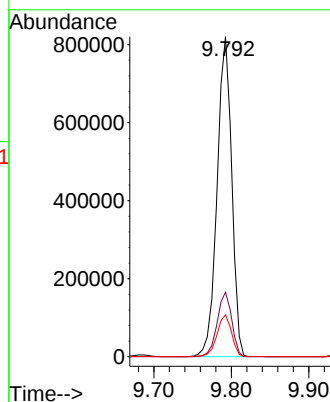
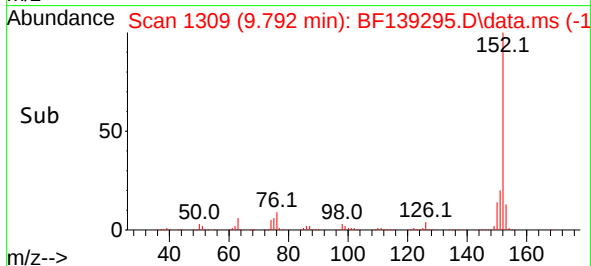
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024

Supervised By :mohammad ahmed 09/12/2024



#50

Dimethylphthalate

Concen: 47.917 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

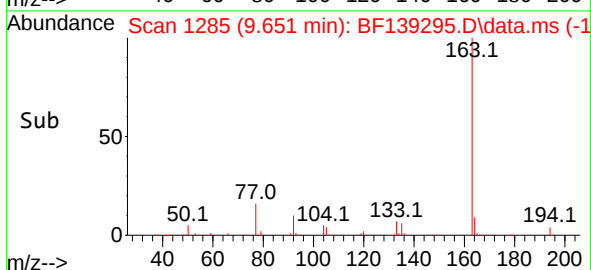
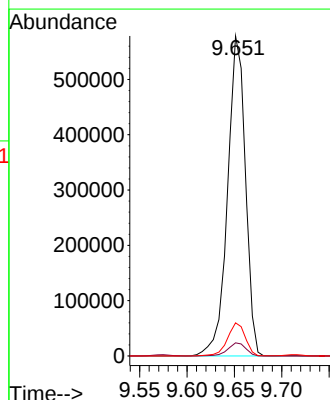
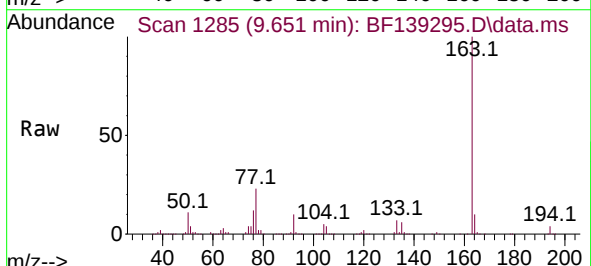
Tgt Ion:163 Resp: 760628

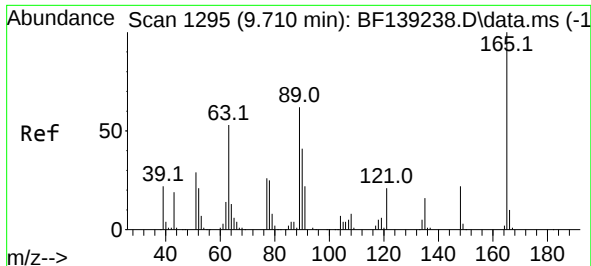
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

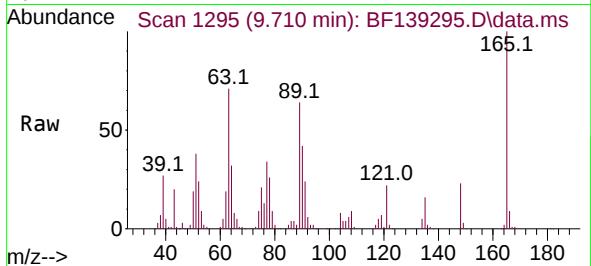
164 10.4 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.676 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

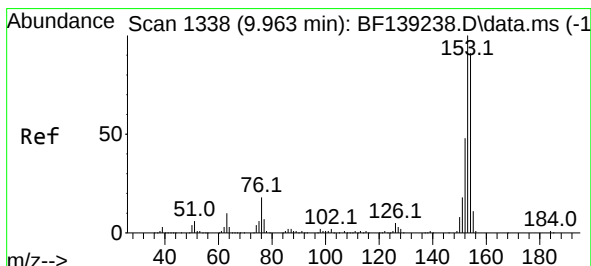
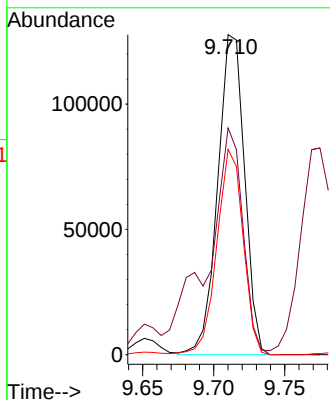
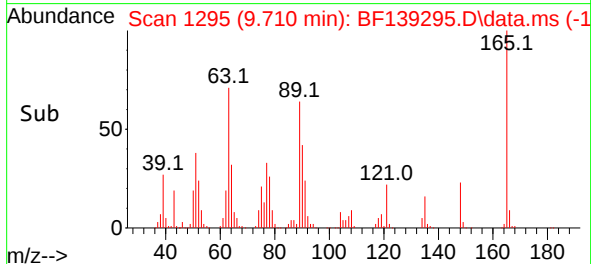
Instrument :
BNA_F
ClientSampleId :
PB163252BS



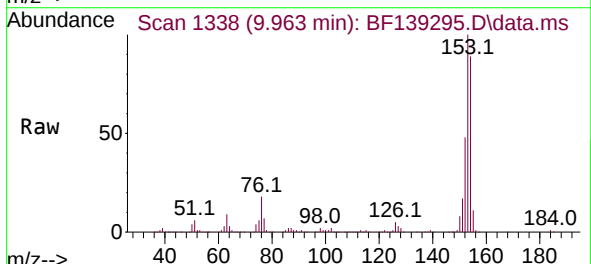
Tgt Ion:165 Resp: 168088
Ion Ratio Lower Upper
165 100
63 70.8 56.1 84.1
89 64.1 49.7 74.5

Manual Integrations
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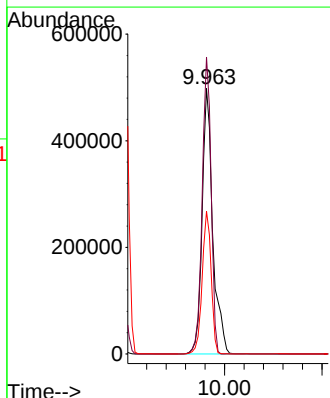
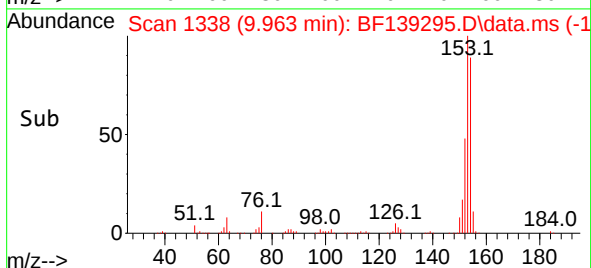
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

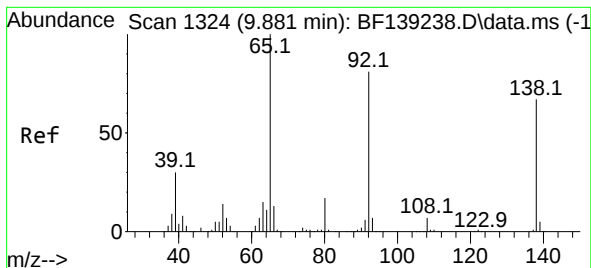


#52
Acenaphthene
Concen: 51.818 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:154 Resp: 758465
Ion Ratio Lower Upper
154 100
153 111.8 87.8 131.6
152 53.8 41.7 62.5





#53
3-Nitroaniline
Concen: 36.997 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

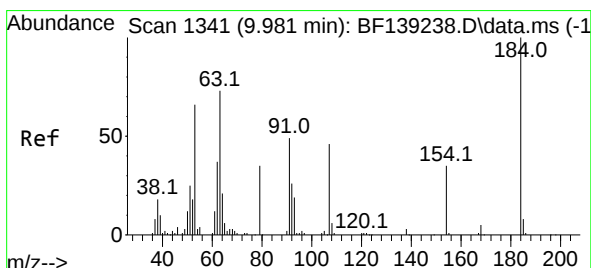
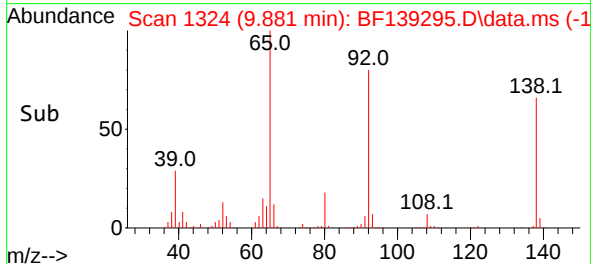
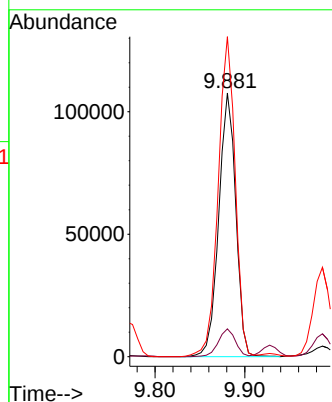
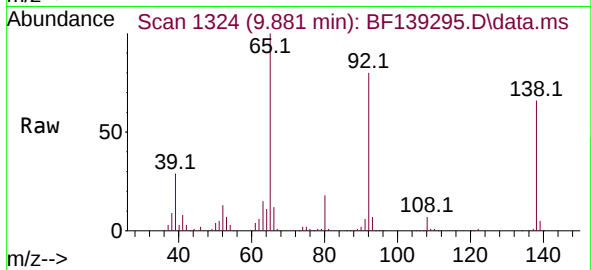
PB163252BS

Tgt Ion:138 Resp: 14195
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 121.3 96.4 144.6

Manual Integrations

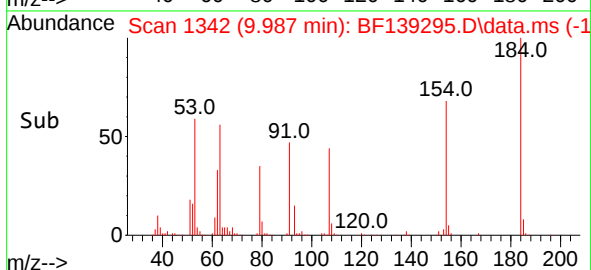
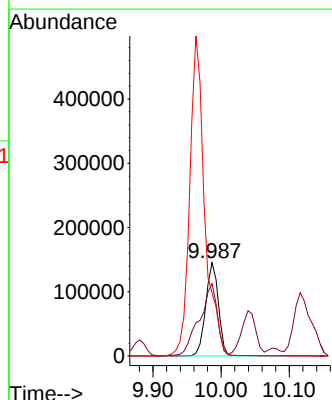
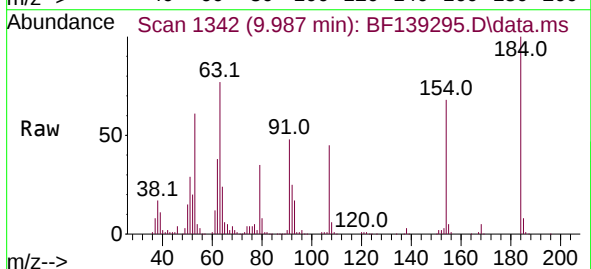
APPROVED

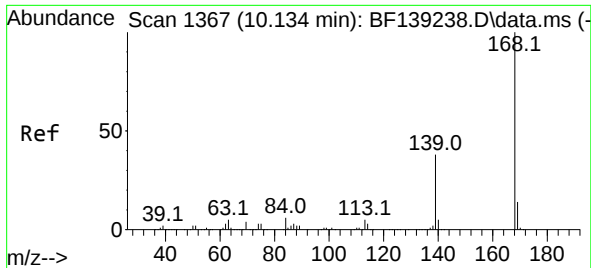
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#54
2,4-Dinitrophenol
Concen: 98.280 ng
RT: 9.987 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

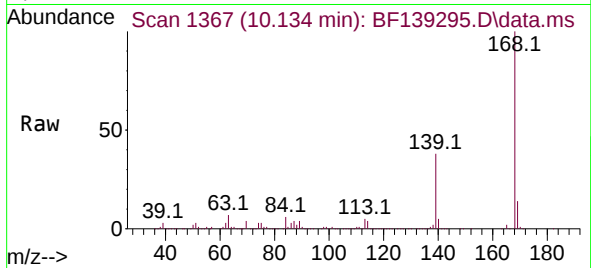
Tgt Ion:184 Resp: 189015
Ion Ratio Lower Upper
184 100
63 77.5 66.4 99.6
154 67.8 97.0 145.6#





#55
Dibenzenofuran
Concen: 46.760 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

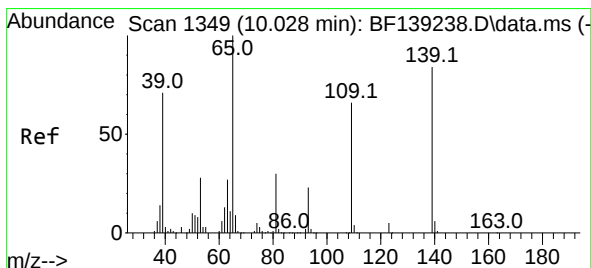
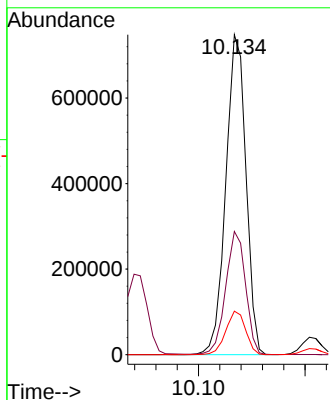
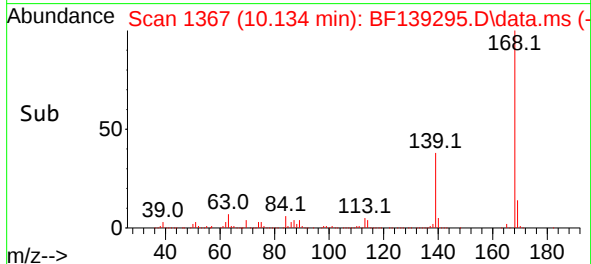
Instrument :
BNA_F
ClientSampleId :
PB163252BS



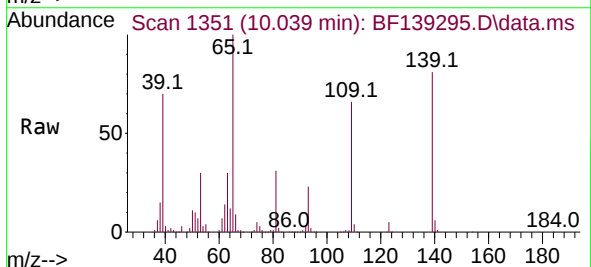
Tgt Ion:168 Resp: 98127
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 13.6 10.8 16.2

Manual Integrations
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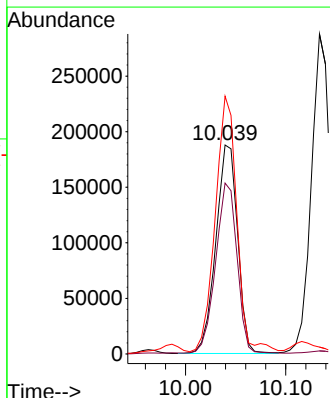
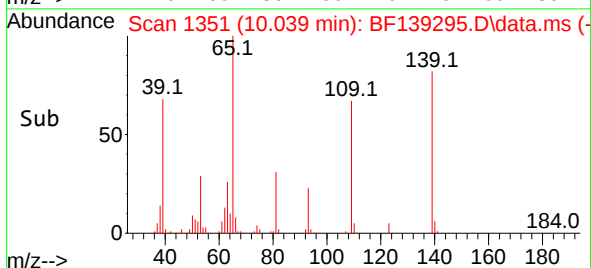
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

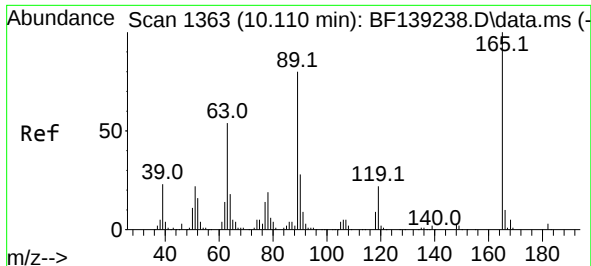


#56
4-Nitrophenol
Concen: 99.841 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:139 Resp: 282743
Ion Ratio Lower Upper
139 100
109 81.7 58.7 98.7
65 123.3 100.3 140.3





#57
2,4-Dinitrotoluene
Concen: 50.134 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

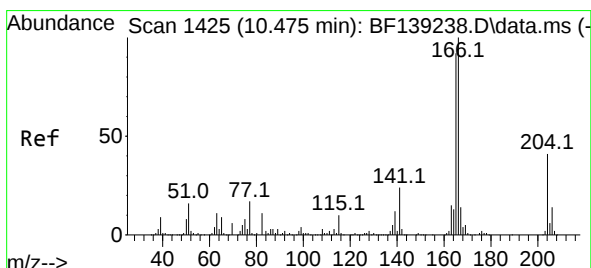
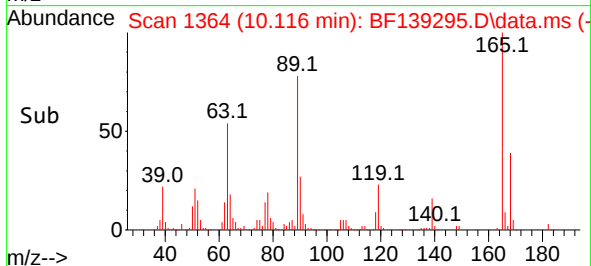
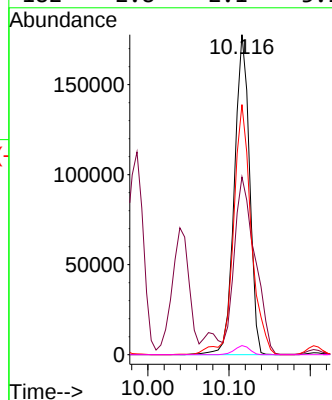
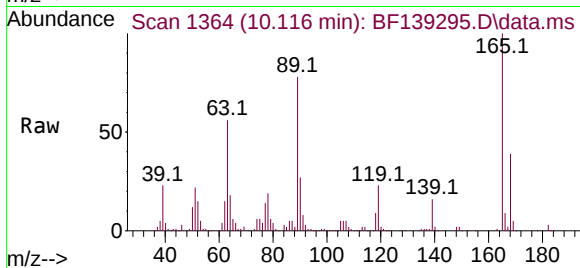
PB163252BS

Tgt Ion:165 Resp: 22979
Ion Ratio Lower Upper
165 100
63 55.6 43.4 65.0
89 78.1 64.2 96.4
182 2.8 2.1 3.1

Manual Integrations

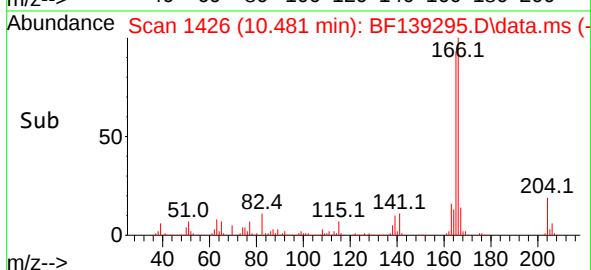
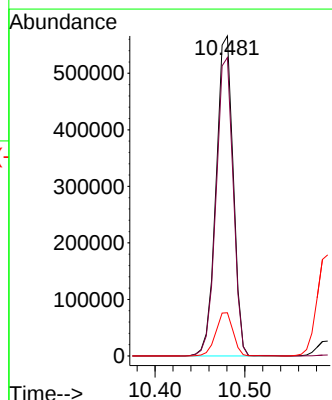
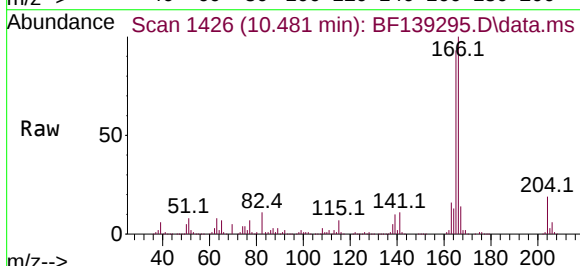
APPROVED

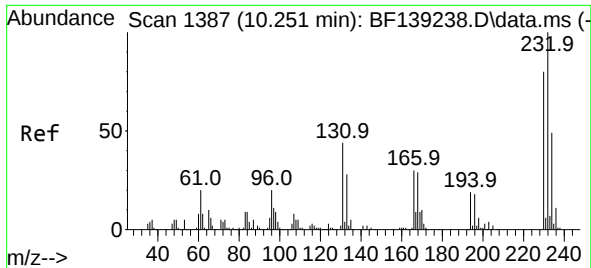
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#58
Fluorene
Concen: 46.091 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

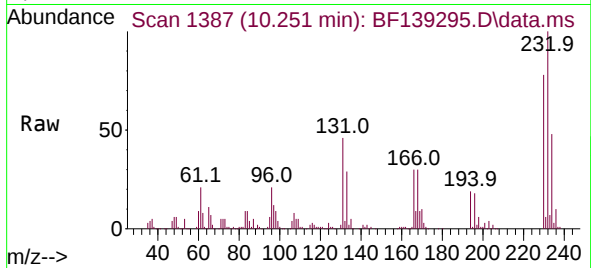
Tgt Ion:166 Resp: 749907
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.667 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

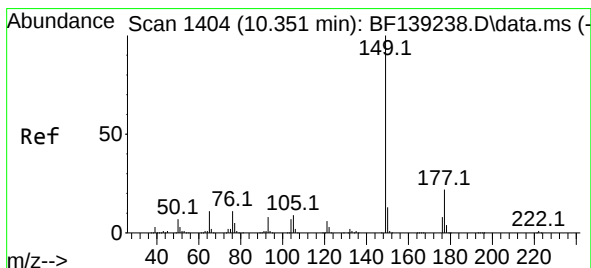
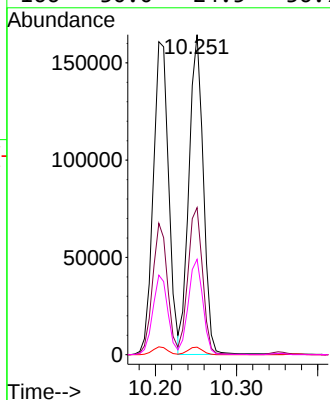
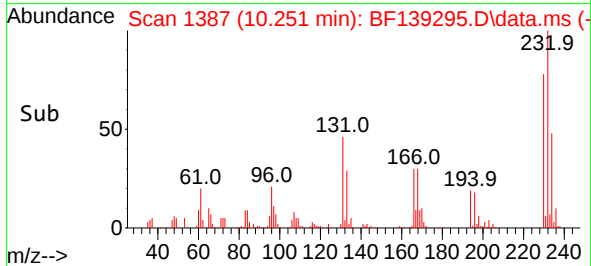
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion:232 Resp: 202628
Ion Ratio Lower Upper
232 100
131 46.9 37.7 56.5
130 2.4 1.9 2.9
166 30.0 24.5 36.7

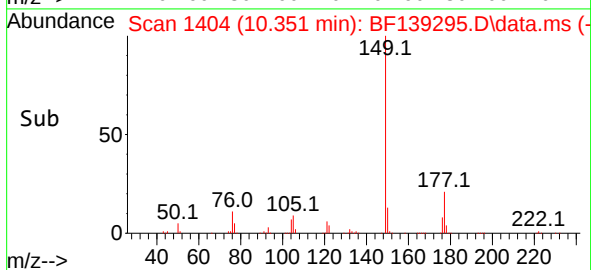
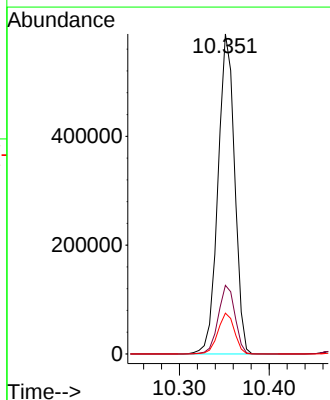
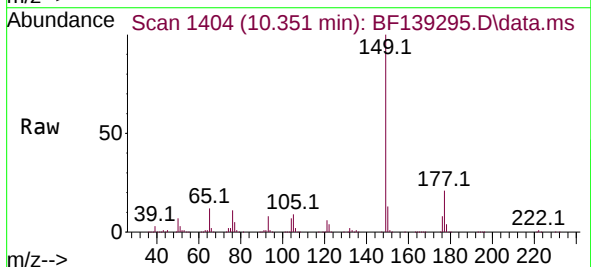
Manual Integrations
APPROVED

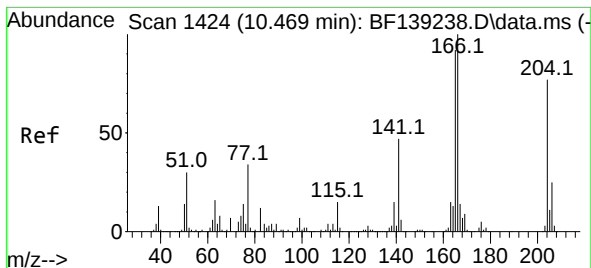
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#60
Diethylphthalate
Concen: 48.486 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

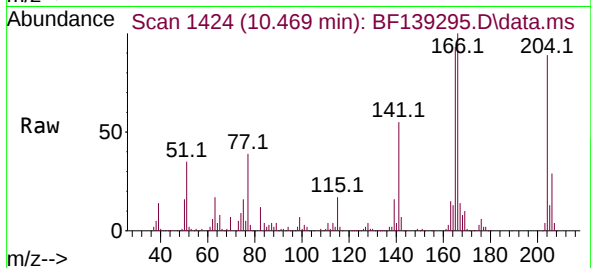
Tgt Ion:149 Resp: 757430
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.003 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

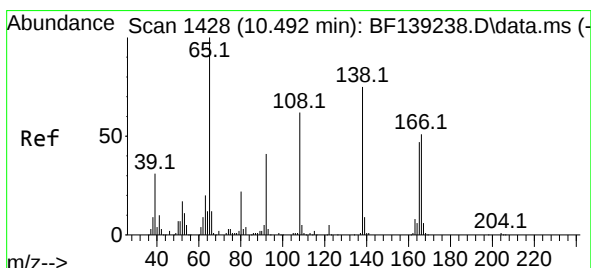
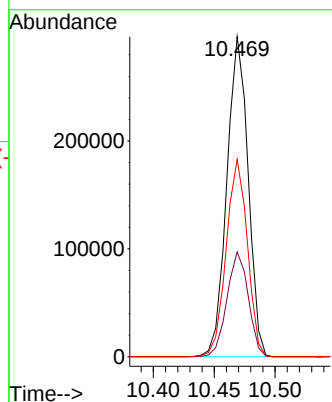
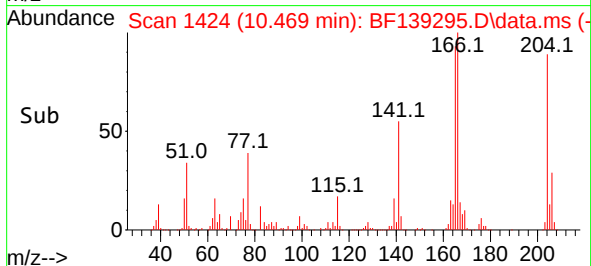
Instrument :
BNA_F
ClientSampleId :
PB163252BS



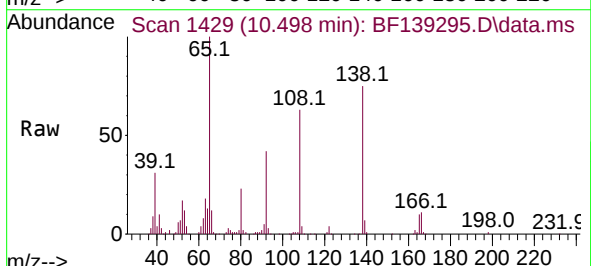
Tgt Ion:204 Resp: 360954
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 61.6 48.6 72.8

Manual Integrations
APPROVED

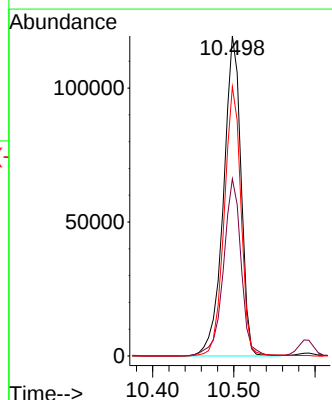
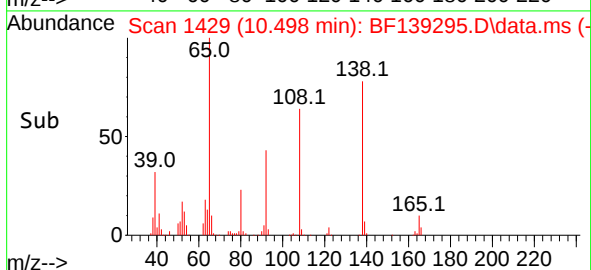
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#62
4-Nitroaniline
Concen: 49.096 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



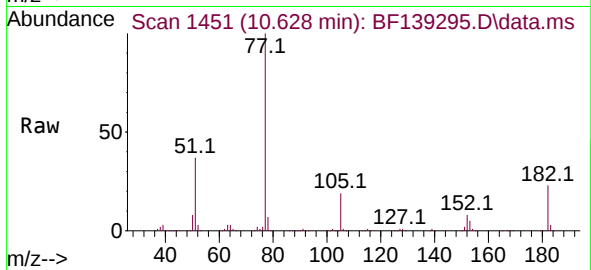
Tgt Ion:138 Resp: 179313
Ion Ratio Lower Upper
138 100
92 55.4 34.4 74.4
108 84.2 62.7 102.7





#63
Azobenzene
Concen: 47.461 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

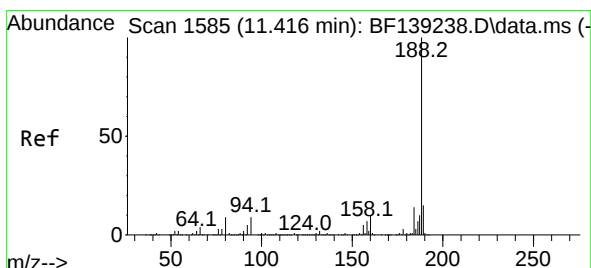
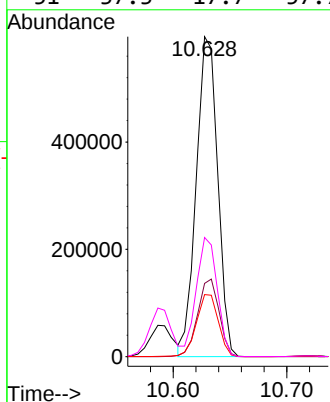
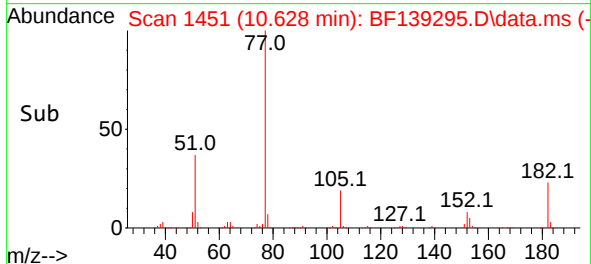
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion: 77 Resp: 781425
Ion Ratio Lower Upper
77 100
182 22.9 3.0 43.0
105 19.4 0.0 39.4
51 37.3 17.7 57.7

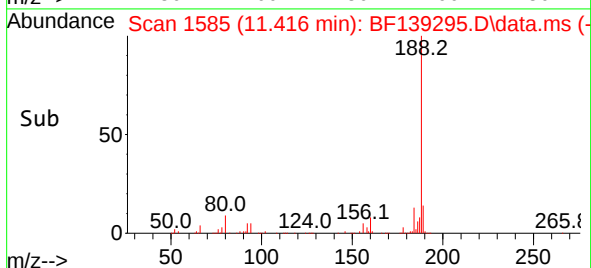
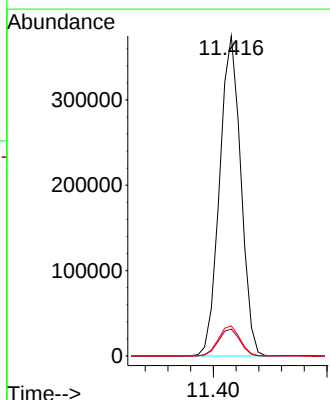
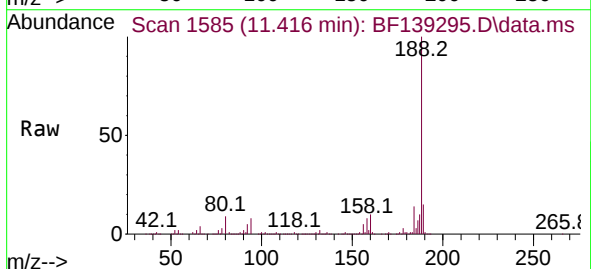
Manual Integrations
APPROVED

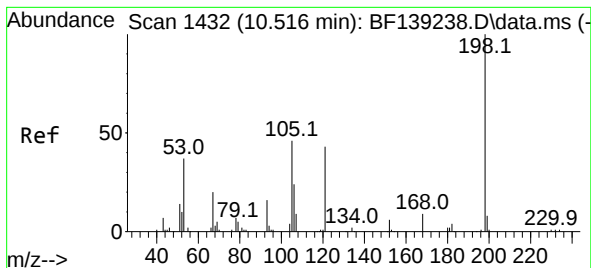
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

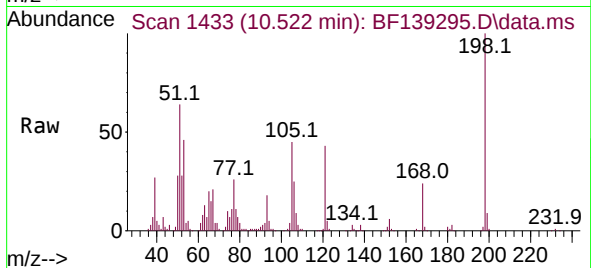
Tgt Ion:188 Resp: 487030
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 53.777 ng
RT: 10.522 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

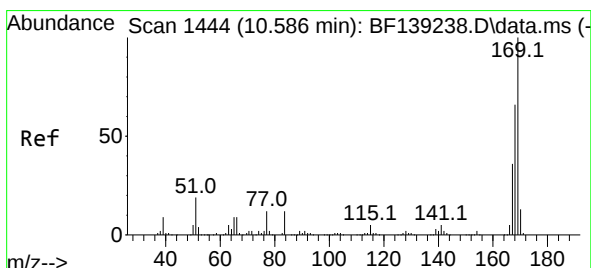
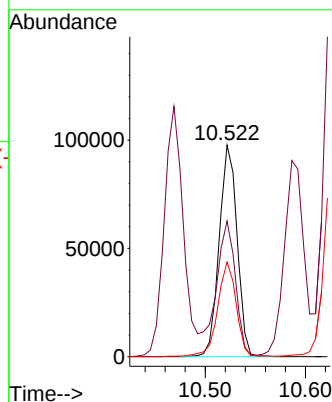
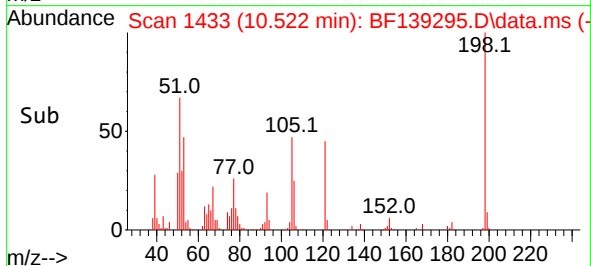
Instrument :
BNA_F
ClientSampleId :
PB163252BS



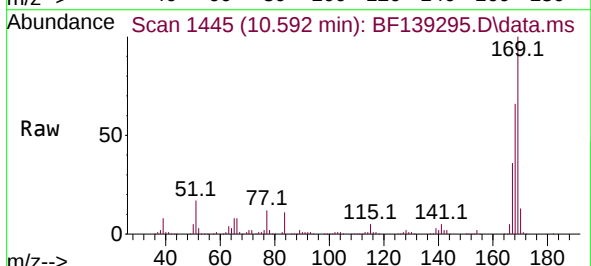
Tgt Ion:198 Resp: 121019
Ion Ratio Lower Upper
198 100
51 64.1 47.2 87.2
105 44.7 27.1 67.1

Manual Integrations
APPROVED

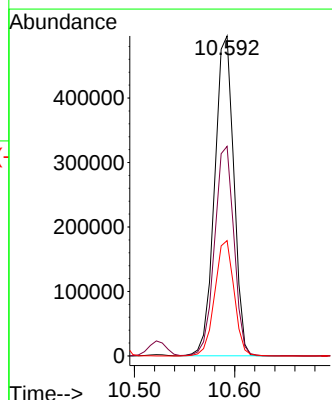
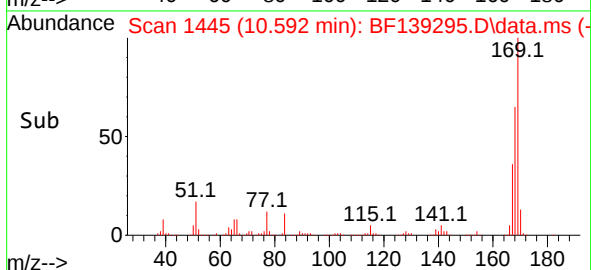
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

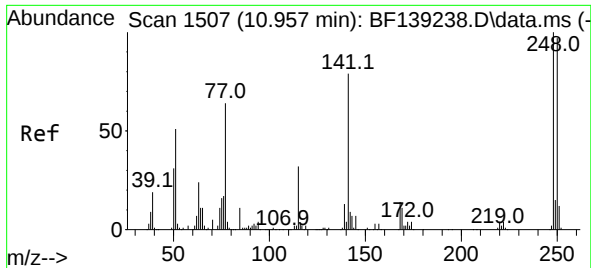


#66
n-Nitrosodiphenylamine
Concen: 46.399 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



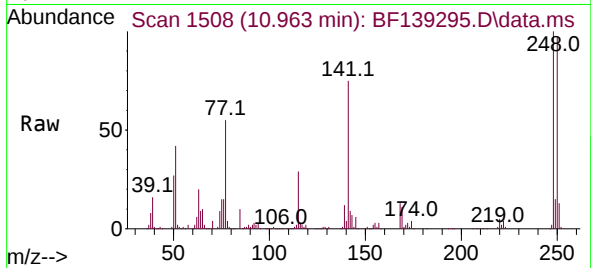
Tgt Ion:169 Resp: 657786
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.181 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

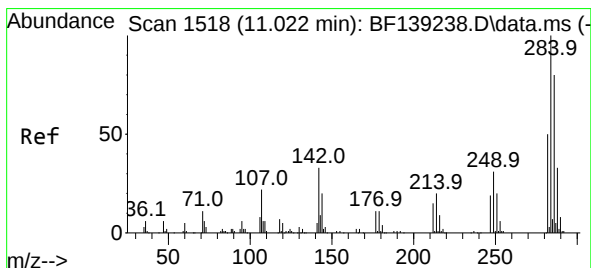
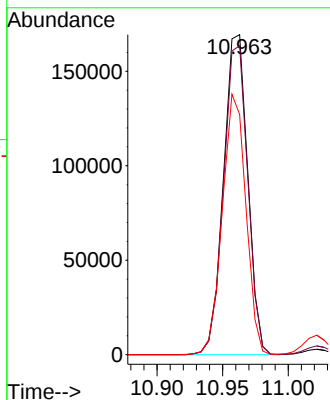
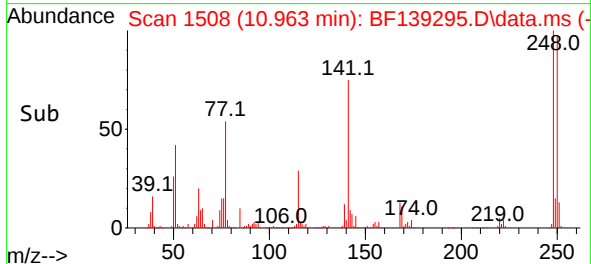
Instrument :
BNA_F
ClientSampleId :
PB163252BS



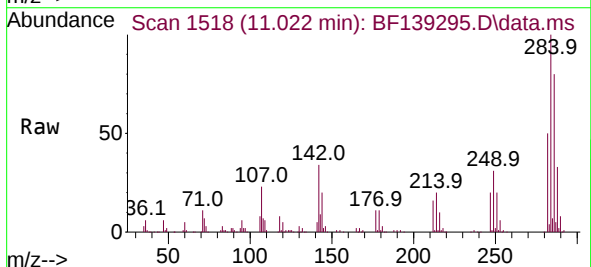
Tgt Ion:248 Resp: 21822
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 75.1 63.6 95.4

Manual Integrations
APPROVED

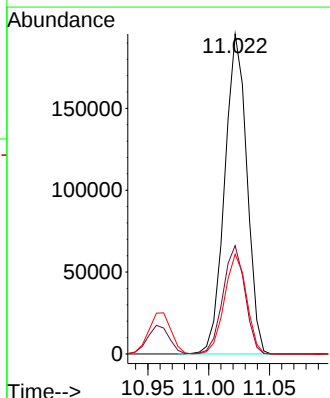
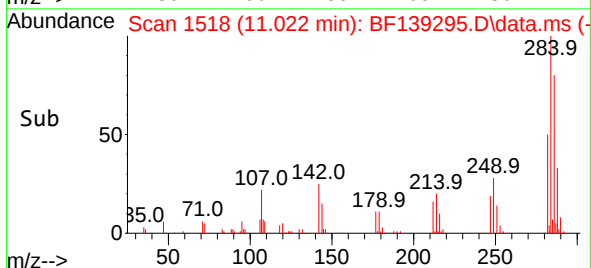
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

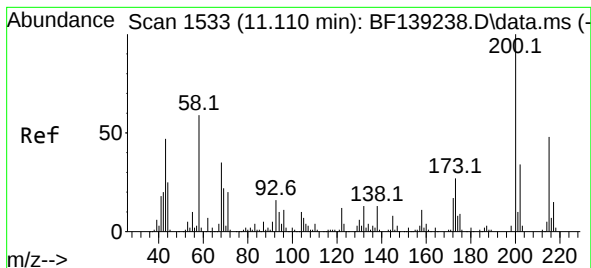


#68
Hexachlorobenzene
Concen: 45.734 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:284 Resp: 247397
Ion Ratio Lower Upper
284 100
142 33.9 26.5 39.7
249 31.1 24.8 37.2





#69

Atrazine

Concen: 64.486 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

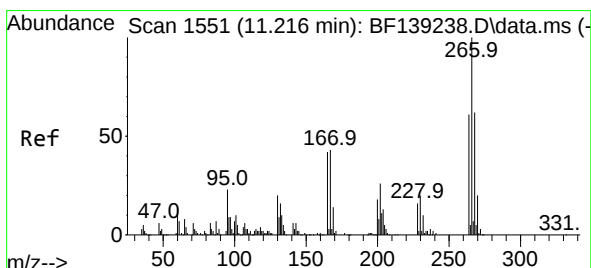
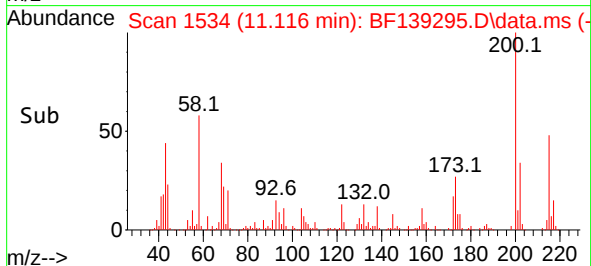
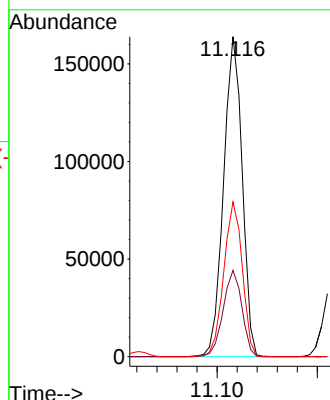
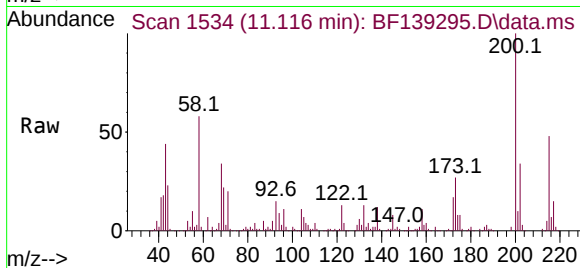
PB163252BS

Tgt Ion:200	Resp: 21091
Ion Ratio	Lower Upper
200 100	
173 27.0	7.1 47.1
215 48.3	28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#70

Pentachlorophenol

Concen: 95.091 ng

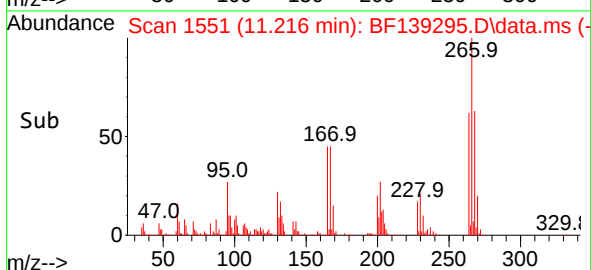
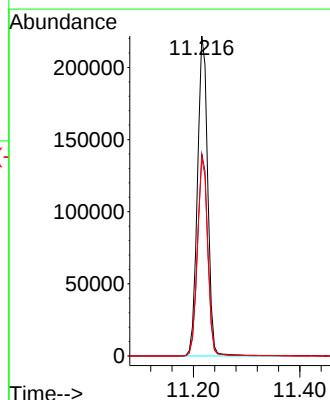
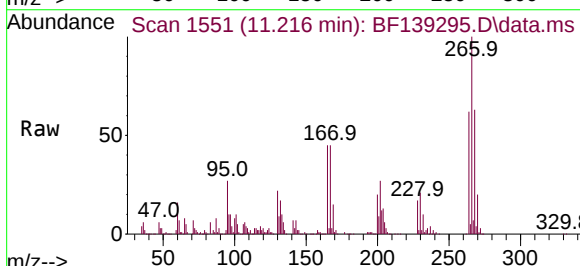
RT: 11.216 min Scan# 1551

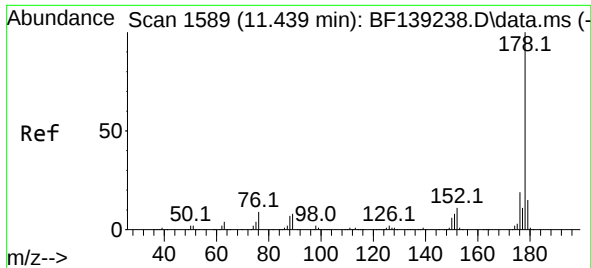
Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

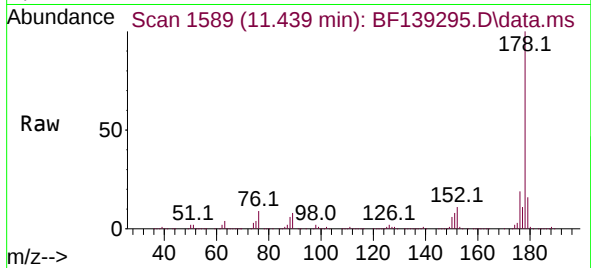
Tgt Ion:266	Resp: 297138
Ion Ratio	Lower Upper
266 100	
268 63.2	49.7 74.5
264 62.0	49.2 73.8





#71
Phenanthrene
Concen: 47.184 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

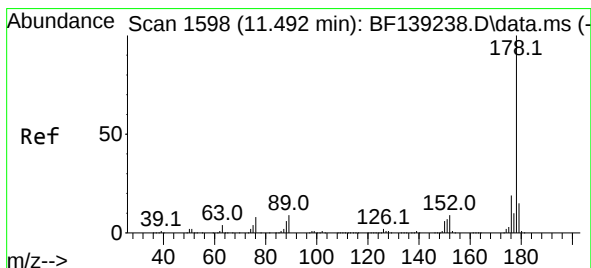
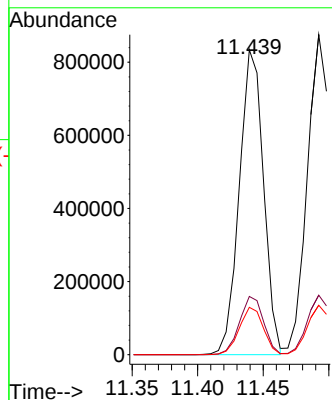
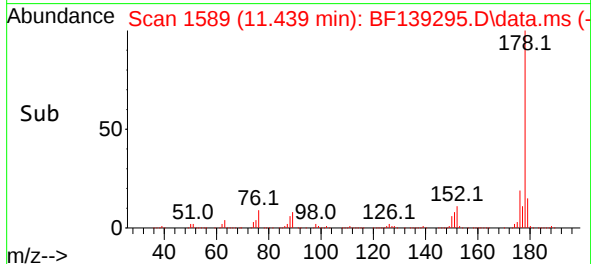
Instrument :
BNA_F
ClientSampleId :
PB163252BS



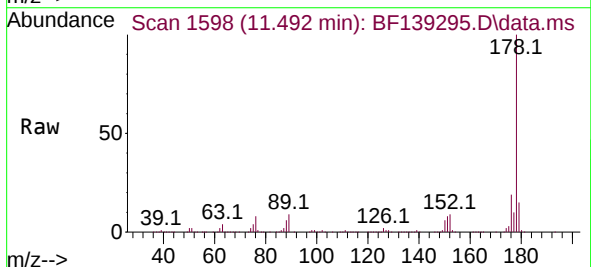
Tgt Ion:178 Resp: 1073530
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5

Manual Integrations
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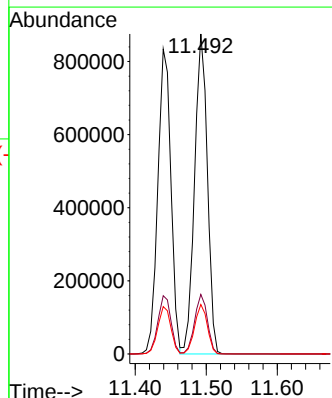
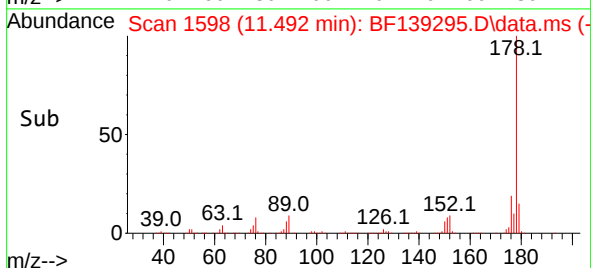
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

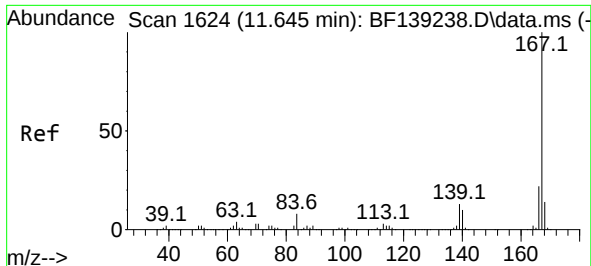


#72
Anthracene
Concen: 49.395 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



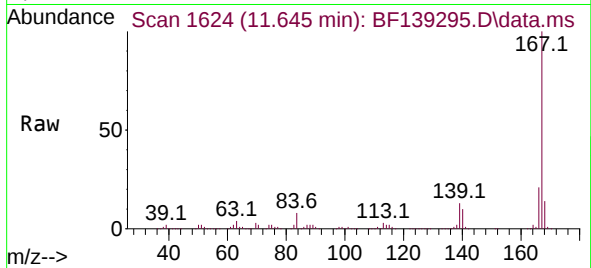
Tgt Ion:178 Resp: 1097840
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.3 18.5





#73
 Carbazole
 Concen: 48.140 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF139295.D
 Acq: 10 Sep 2024 12:49

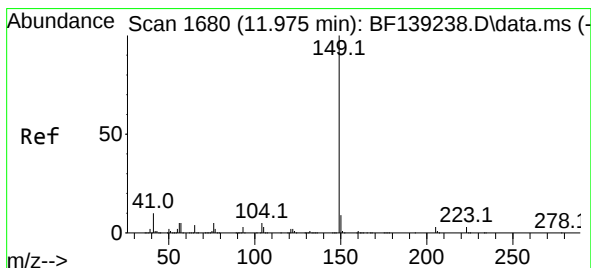
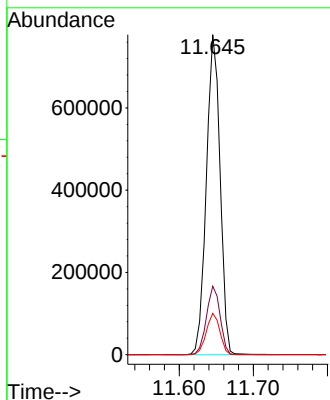
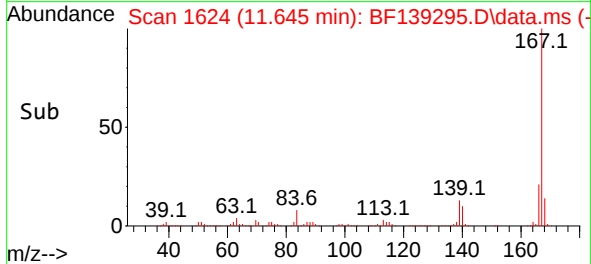
Instrument :
 BNA_F
 ClientSampleId :
 PB163252BS



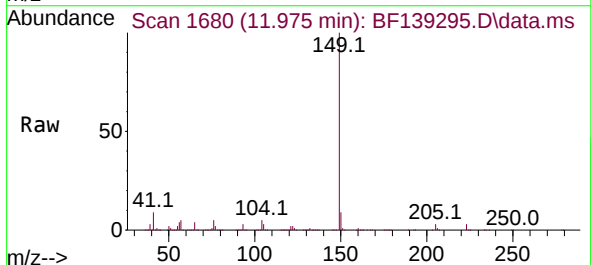
Tgt Ion:167 Resp: 100001
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.2 15.4

Manual Integrations
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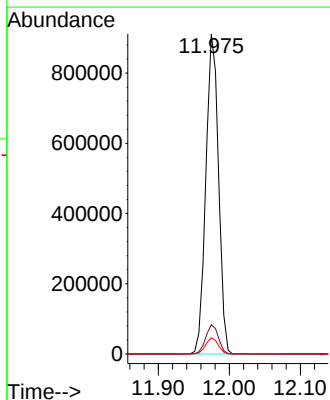
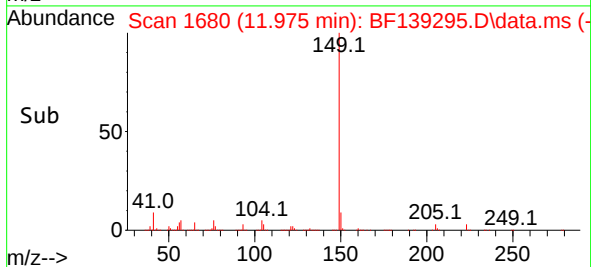
Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

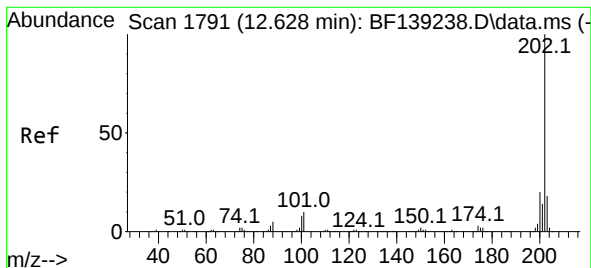


#74
 Di-n-butylphthalate
 Concen: 53.219 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139295.D
 Acq: 10 Sep 2024 12:49



Tgt Ion:149 Resp: 1131942
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 49.610 ng

RT: 12.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139295.D

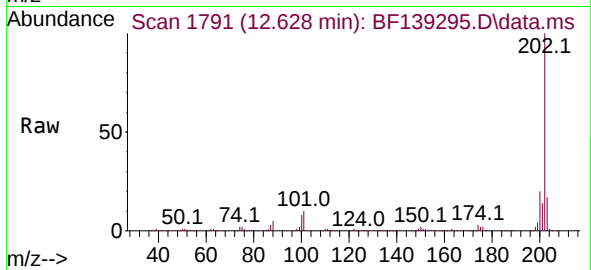
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS



Tgt Ion:202 Resp: 1131600

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.9

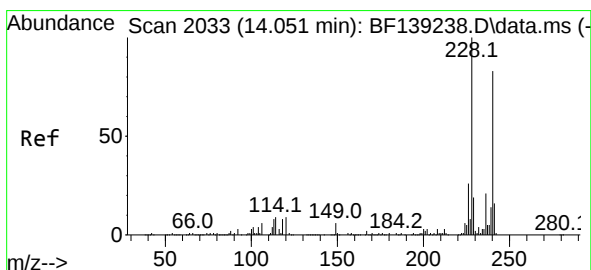
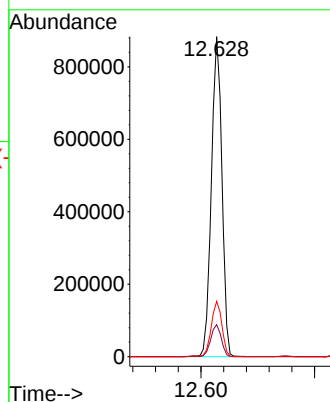
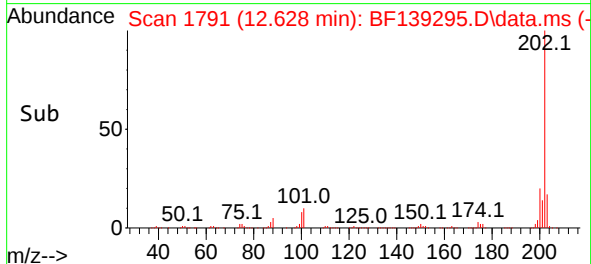
203 17.3 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024

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: BF139295.D

Acq: 10 Sep 2024 12:49

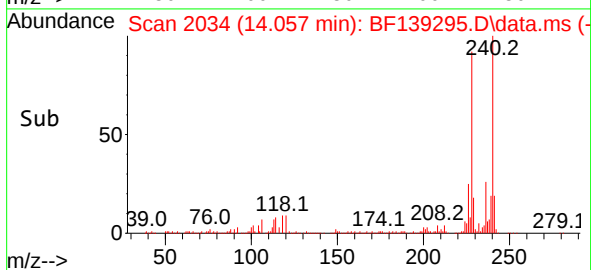
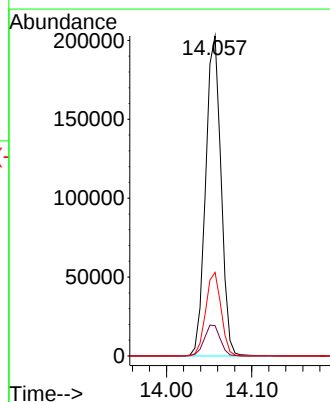
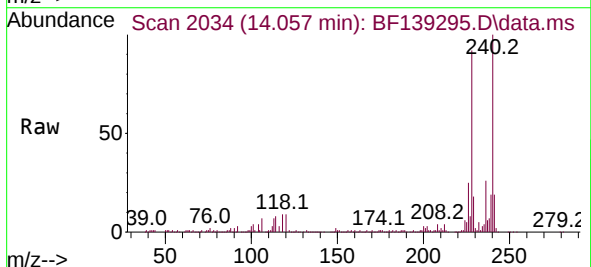
Tgt Ion:240 Resp: 254178

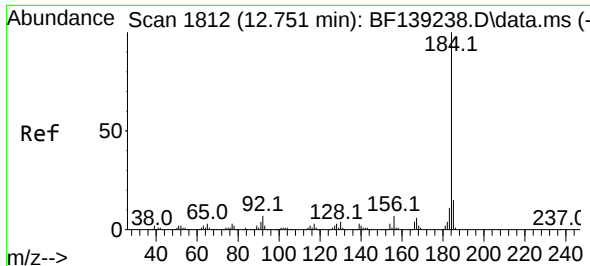
Ion Ratio Lower Upper

240 100

120 9.5 8.6 12.8

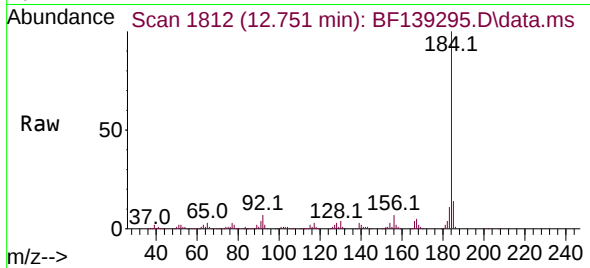
236 26.1 20.7 31.1





#77
Benzidine
Concen: 76.708 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

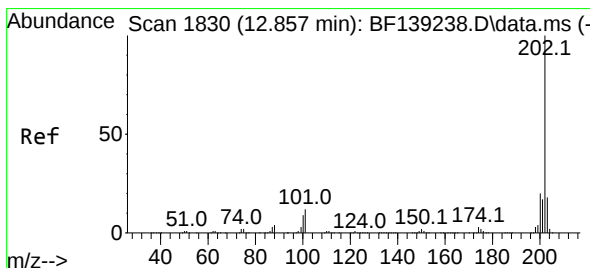
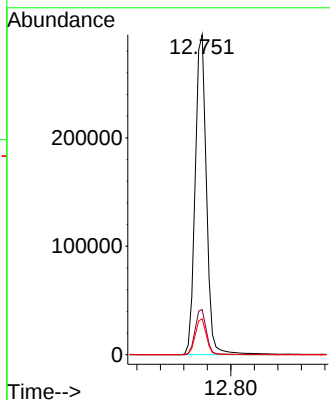
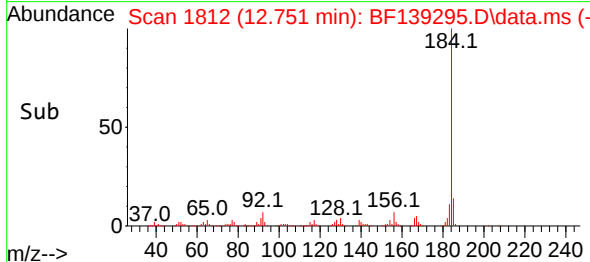
Instrument :
BNA_F
ClientSampleId :
PB163252BS



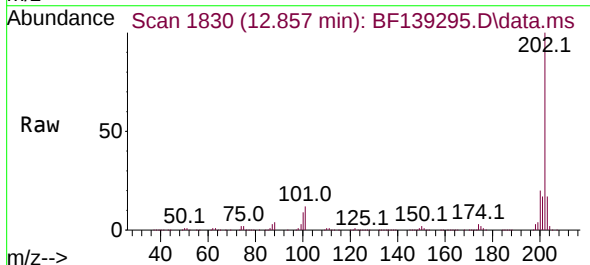
Tgt Ion:184 Resp: 392589
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.2 8.8 13.2

Manual Integrations
APPROVED

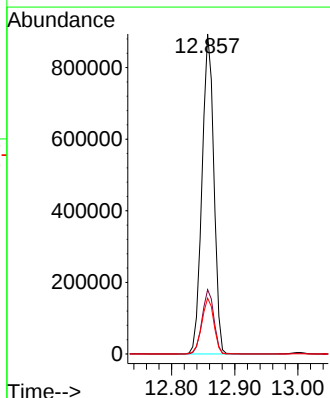
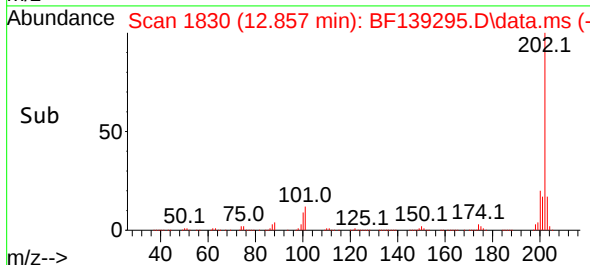
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

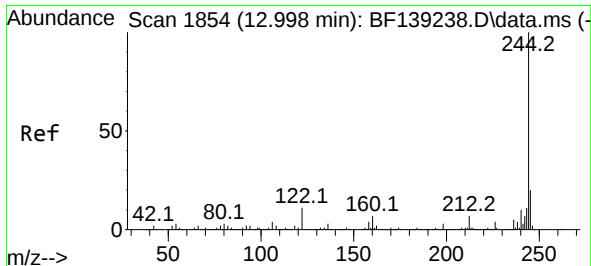


#78
Pyrene
Concen: 47.338 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



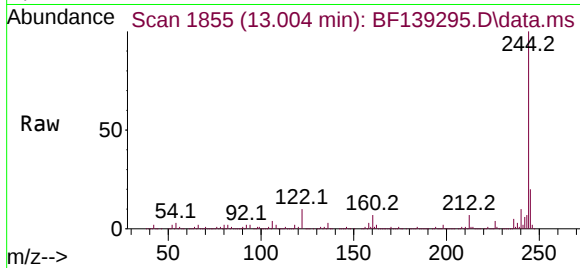
Tgt Ion:202 Resp: 1162338
Ion Ratio Lower Upper
202 100
200 20.1 15.8 23.8
203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 101.015 ng
RT: 13.004 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

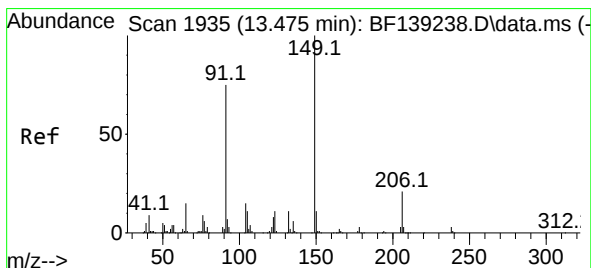
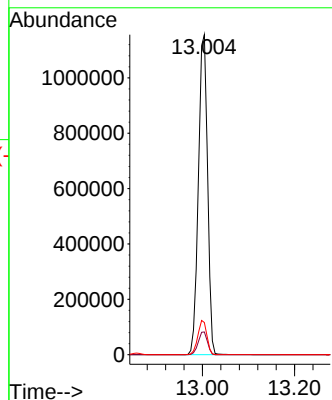
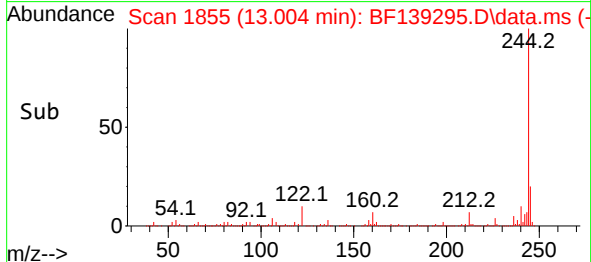
Instrument :
BNA_F
ClientSampleId :
PB163252BS



Tgt Ion:244 Resp: 159024
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.1 8.7 13.1

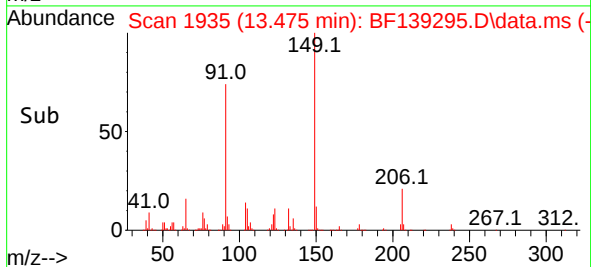
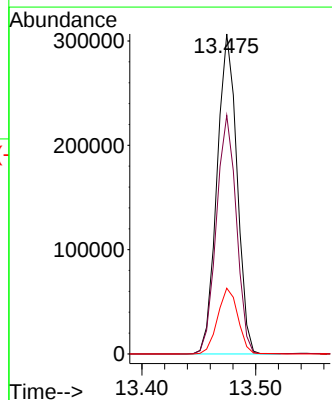
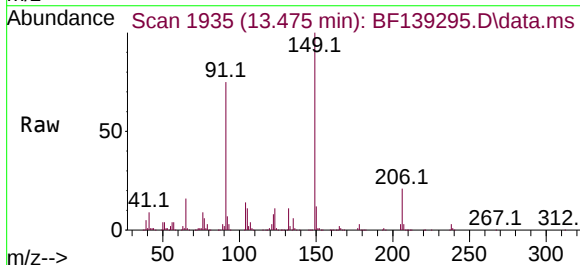
Manual Integrations
APPROVED

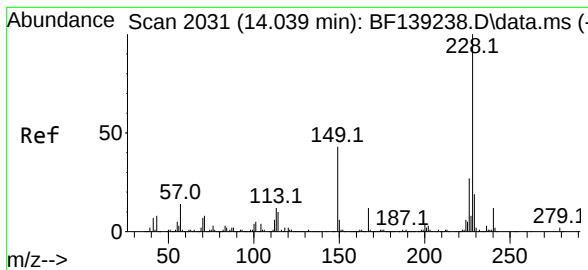
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#80
Butylbenzylphthalate
Concen: 64.972 ng
RT: 13.475 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Tgt Ion:149 Resp: 375549
Ion Ratio Lower Upper
149 100
91 74.5 60.3 90.5
206 20.5 16.7 25.1





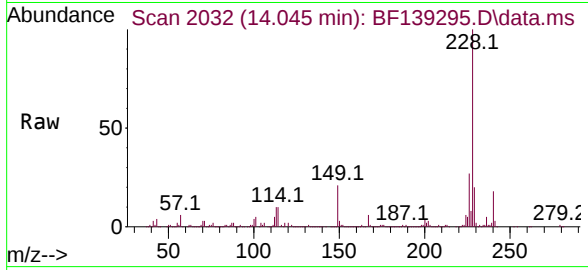
#81
Benzo(a)anthracene
Concen: 48.709 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

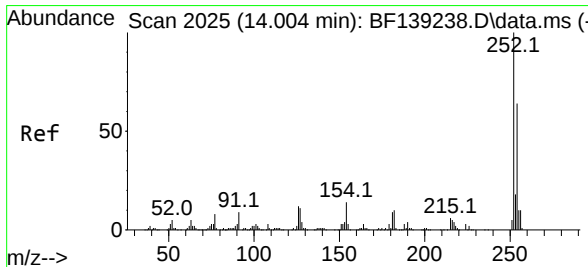
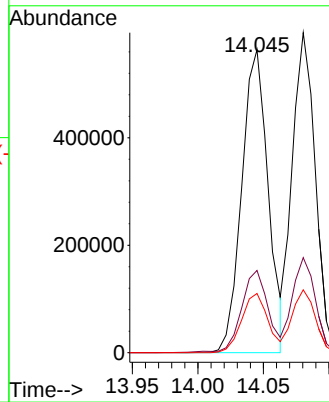
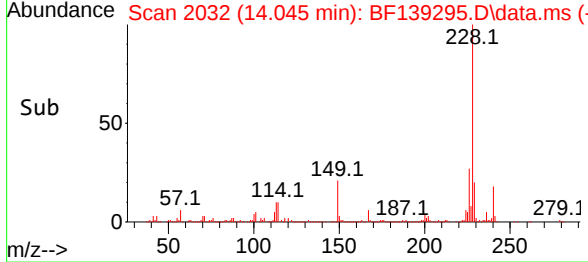


Tgt Ion:228 Resp: 790560
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 19.5 15.6 23.4

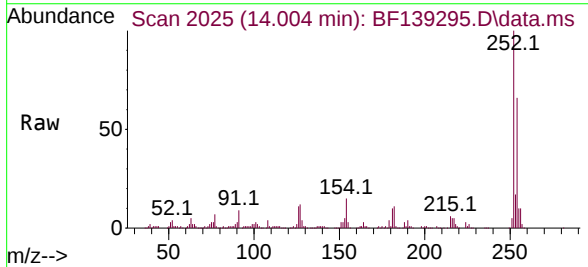
Manual Integrations

APPROVED

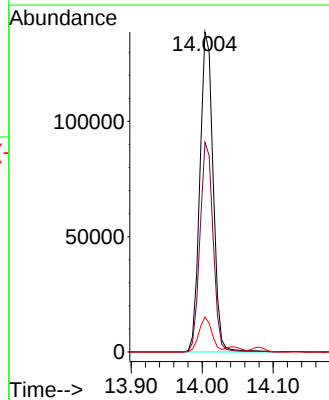
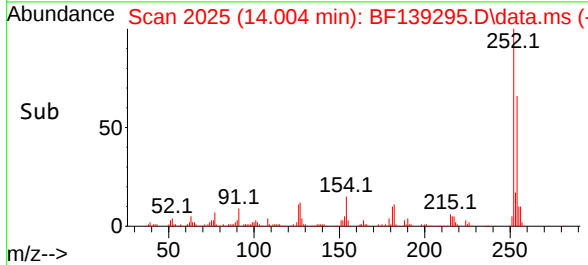
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

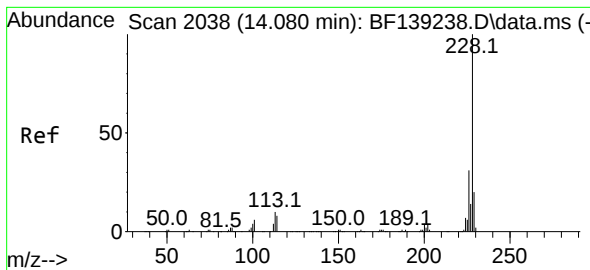


#82
3,3'-Dichlorobenzidine
Concen: 41.814 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:252 Resp: 180231
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 10.9 9.2 13.8





#83

Chrysene

Concen: 48.021 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

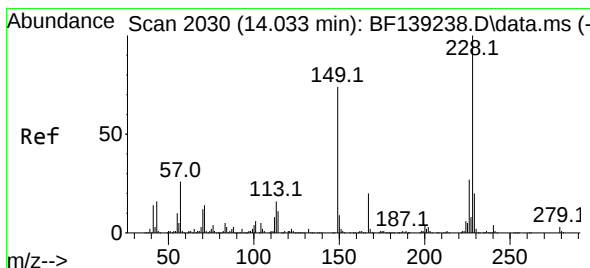
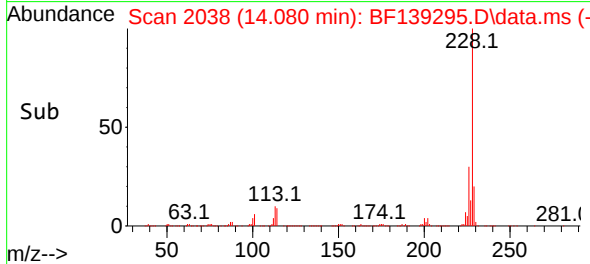
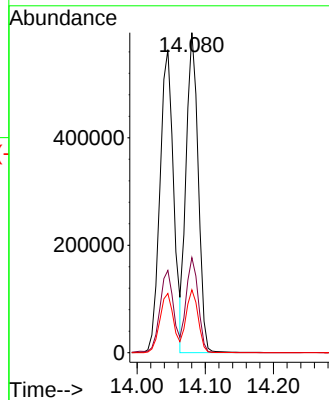
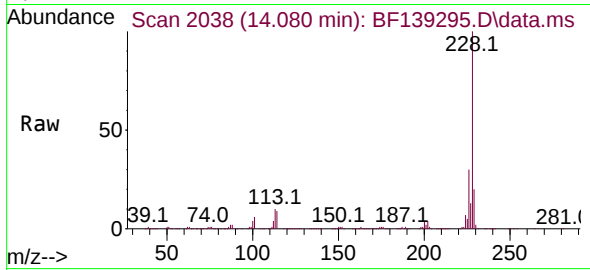
PB163252BS

Tgt Ion:	228	Resp:	72742
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.8
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.728 ng

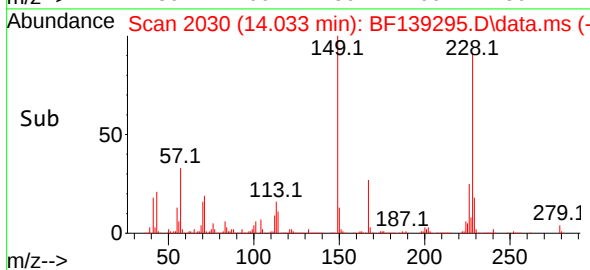
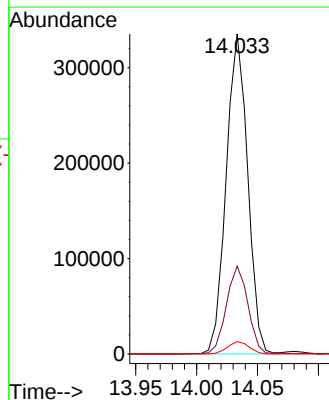
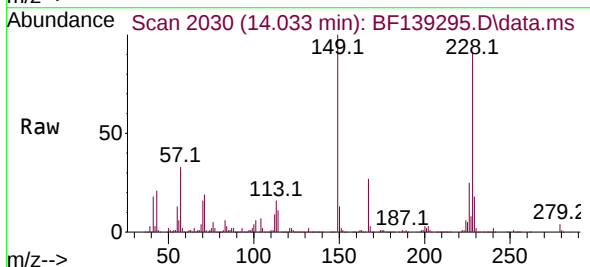
RT: 14.033 min Scan# 2030

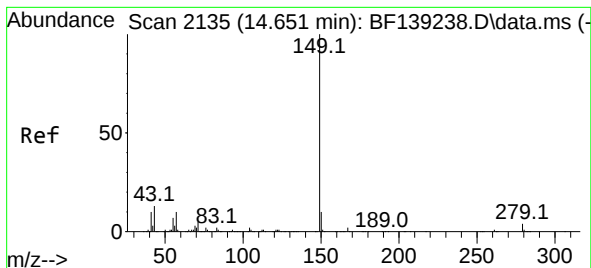
Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Tgt Ion:	149	Resp:	412006
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.6
279	3.8	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 47.190 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

Tgt Ion:149 Resp: 61295

Ion Ratio Lower Upper

149 100

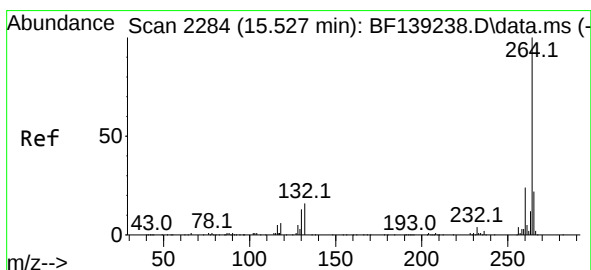
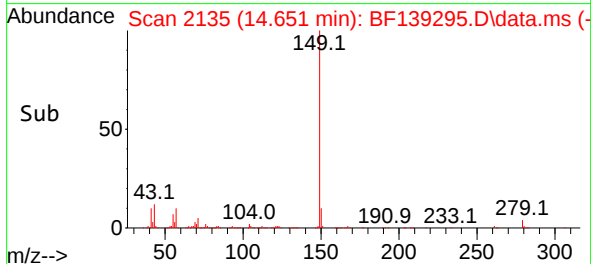
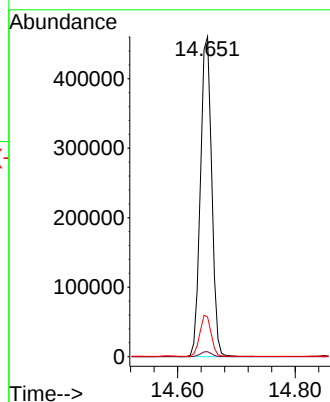
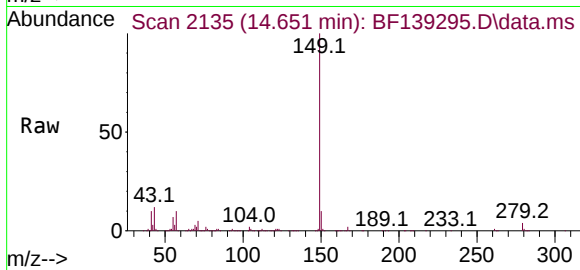
167 1.6 1.3 1.9

43 12.9 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
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: BF139295.D

Acq: 10 Sep 2024 12:49

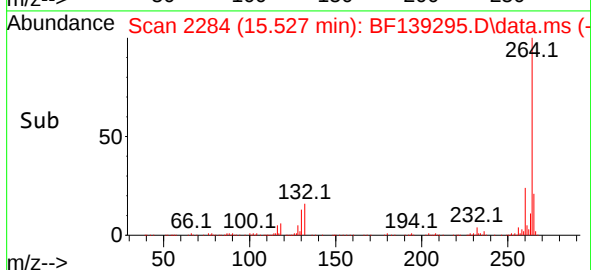
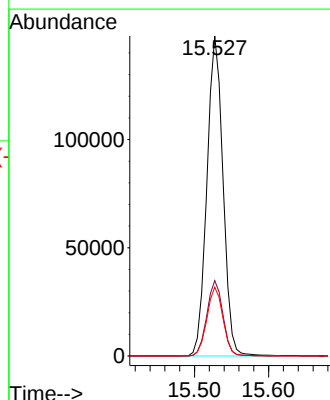
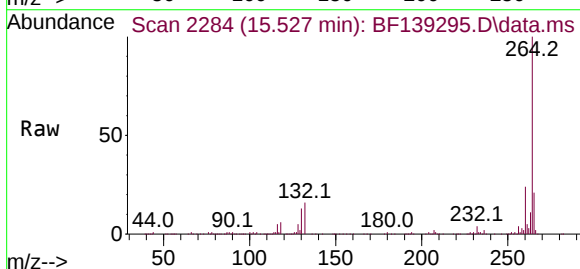
Tgt Ion:264 Resp: 223368

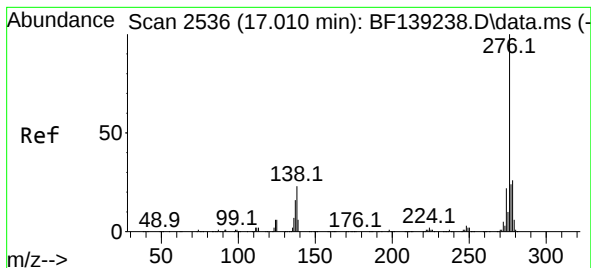
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.737 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

Tgt Ion:276 Resp: 69403

Ion Ratio Lower Upper

276 100

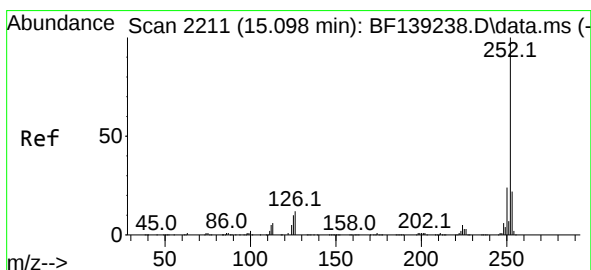
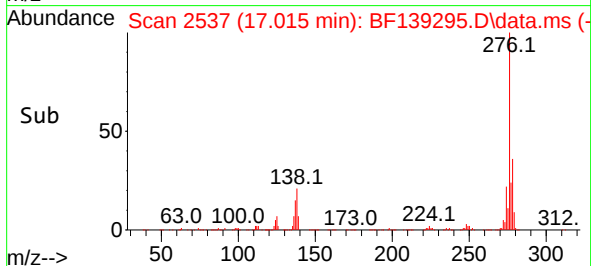
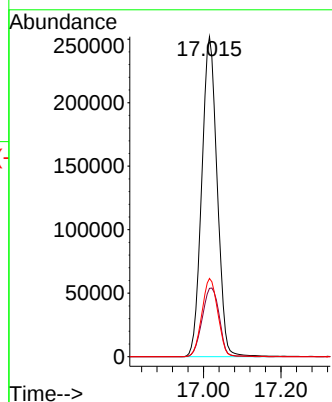
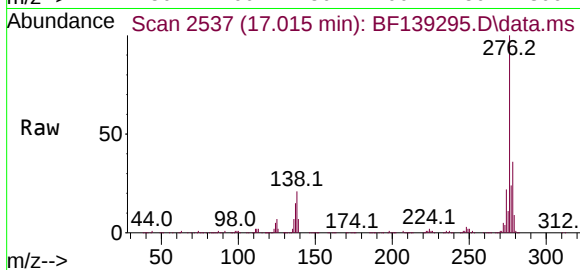
138 23.8 20.4 30.6

277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#88

Benzo(b)fluoranthene

Concen: 47.162 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

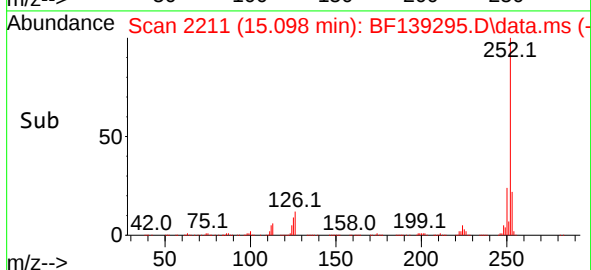
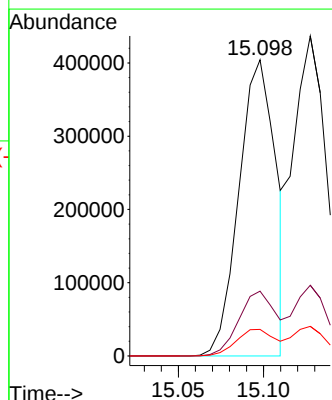
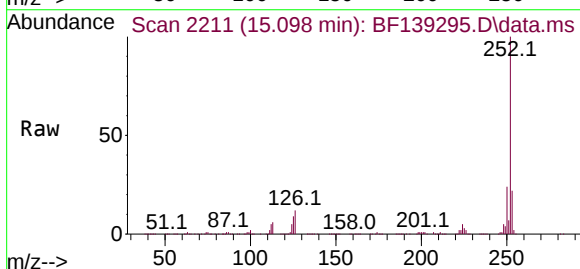
Tgt Ion:252 Resp: 606676

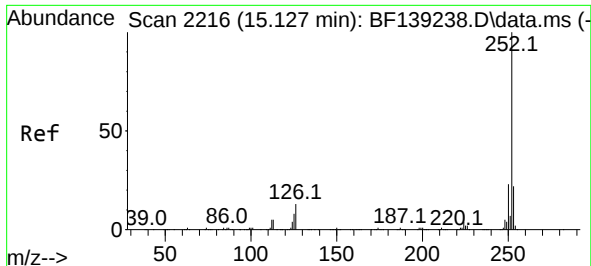
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.0 7.6 11.4





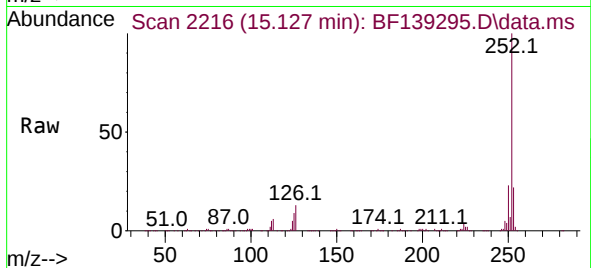
#89
Benzo(k)fluoranthene
Concen: 51.980 ng
RT: 15.127 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

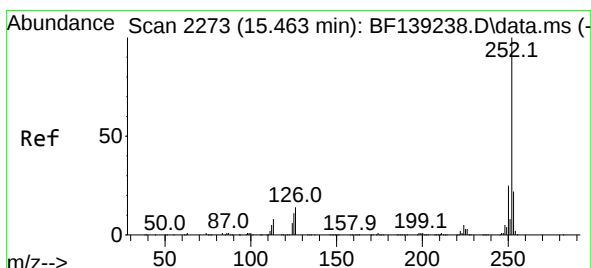
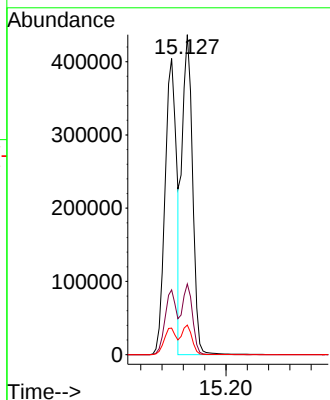
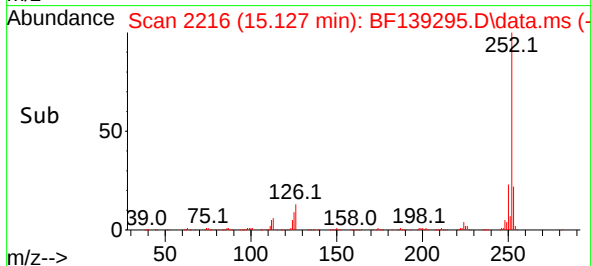


Tgt Ion:252 Resp: 599534
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.2 7.2 10.8

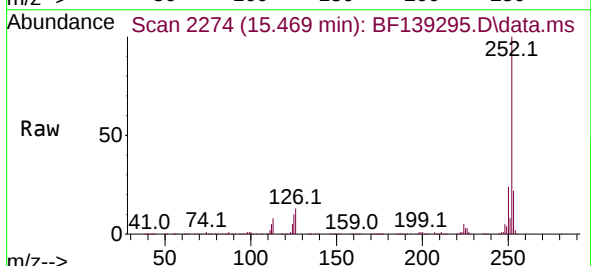
Manual Integrations

APPROVED

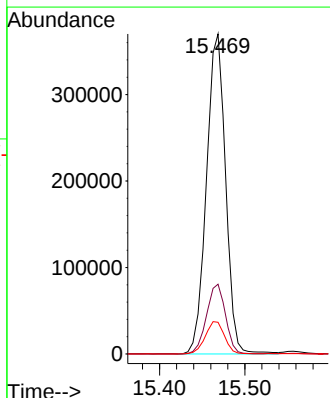
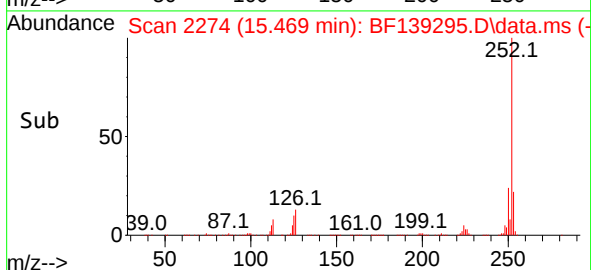
Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

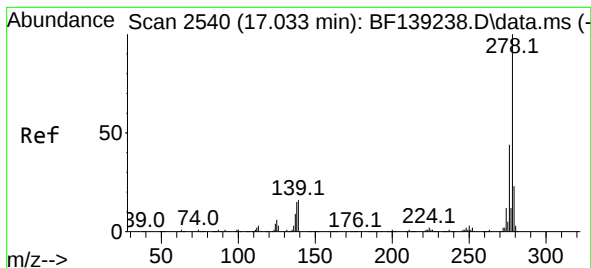


#90
Benzo(a)pyrene
Concen: 52.825 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF139295.D
Acq: 10 Sep 2024 12:49



Tgt Ion:252 Resp: 577003
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.9 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.227 ng

RT: 17.033 min Scan# 2540

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Instrument :

BNA_F

ClientSampleId :

PB163252BS

Tgt Ion:278 Resp: 566090

Ion Ratio Lower Upper

278 100

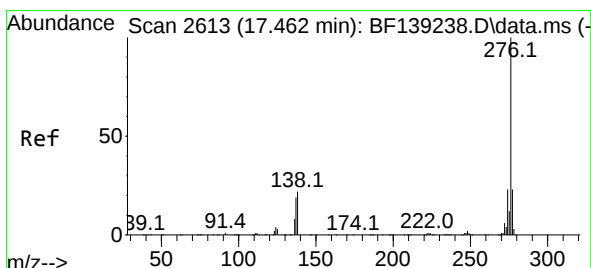
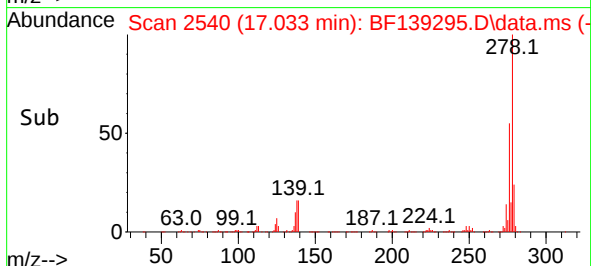
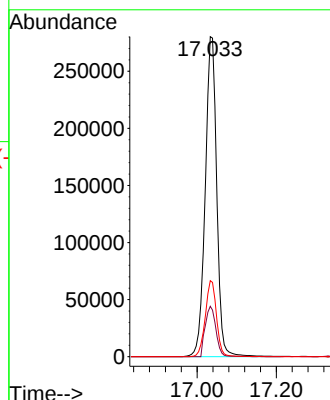
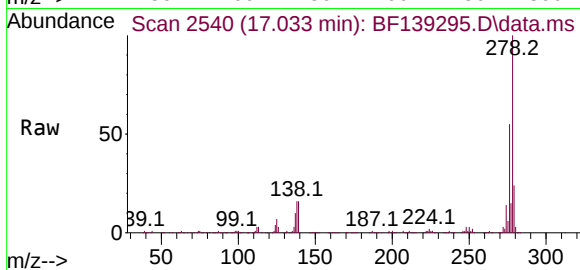
139 15.8 12.6 19.0

279 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024



#92

Benzo(g,h,i)perylene

Concen: 44.554 ng

RT: 17.462 min Scan# 2613

Delta R.T. 0.000 min

Lab File: BF139295.D

Acq: 10 Sep 2024 12:49

Tgt Ion:276 Resp: 528854

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 21.3 17.4 26.0

