

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139228.D
 Acq On : 03 Sep 2024 11:23
 Operator : RC/JU
 Sample : PB163089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163089BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 01:54:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	492919	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	281284	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495061	20.000	ng	0.00
76) Chrysene-d12	14.051	240	257821	20.000	ng	0.00
86) Perylene-d12	15.521	264	225348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	975944	118.626	ng	0.02
7) Phenol-d6	6.522	99	1274061	116.740	ng	0.00
23) Nitrobenzene-d5	7.457	82	848187	82.717	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	363497	128.830	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1421563	78.690	ng	0.00
79) Terphenyl-d14	12.998	244	1506539	84.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	113072	31.424	ng	99
3) Pyridine	3.510	79	287017	31.356	ng	99
4) n-Nitrosodimethylamine	3.475	42	226667	45.817	ng	98
6) Aniline	6.551	93	244880	24.360	ng	# 81
8) 2-Chlorophenol	6.675	128	376788	45.579	ng	99
9) Benzaldehyde	6.434	77	63875	9.178	ng	99
10) Phenol	6.540	94	494704	43.351	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	381357	45.309	ng	99
12) 1,3-Dichlorobenzene	6.828	146	407976	41.690	ng	99
13) 1,4-Dichlorobenzene	6.904	146	415278	42.000	ng	99
14) 1,2-Dichlorobenzene	7.057	146	393280	42.492	ng	99
15) Benzyl Alcohol	7.028	79	386080	45.425	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	534488	44.706	ng	90
17) 2-Methylphenol	7.140	107	309836	44.385	ng	97
18) Hexachloroethane	7.398	117	146345	42.735	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	302317	44.519	ng	99
20) 3+4-Methylphenols	7.293	107	388401	42.931	ng	95
22) Acetophenone	7.298	105	505897	40.343	ng	94
24) Nitrobenzene	7.475	77	454789	42.410	ng	99
25) Isophorone	7.710	82	804356	45.260	ng	99
26) 2-Nitrophenol	7.787	139	180196	46.941	ng	98
27) 2,4-Dimethylphenol	7.822	122	266729	47.358	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	446811	43.181	ng	99
29) 2,4-Dichlorophenol	8.028	162	317619	43.840	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	349104	41.989	ng	100
31) Naphthalene	8.193	128	1061119	41.983	ng	100
32) Benzoic acid	7.951	122	210253	42.025	ng	99
33) 4-Chloroaniline	8.240	127	199705	23.050	ng	100
34) Hexachlorobutadiene	8.310	225	223584	40.796	ng	99
35) Caprolactam	8.616	113	87536m	40.557	ng	
36) 4-Chloro-3-methylphenol	8.722	107	352023	44.261	ng	98
37) 2-Methylnaphthalene	8.887	142	681071	42.769	ng	100
38) 1-Methylnaphthalene	8.981	142	631600	40.216	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	322532	38.581	ng	99
41) Hexachlorocyclopentadiene	9.034	237	286735	97.926	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	236362	44.450	ng	99

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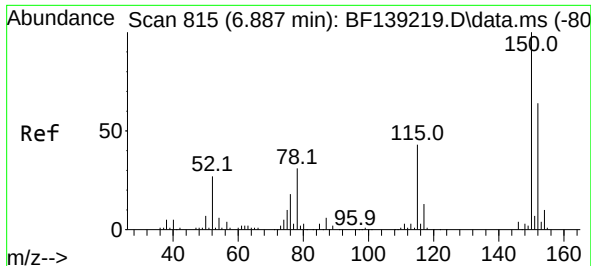
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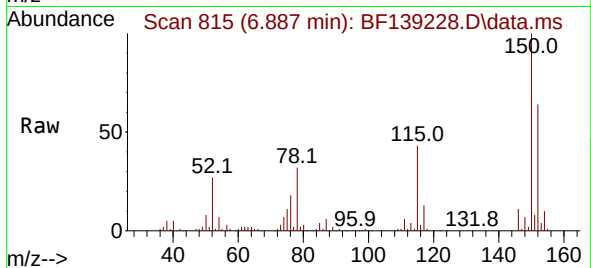
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	237925	41.576	ng	98
46) 1,1'-Biphenyl	9.351	154	789643	39.169	ng	100
47) 2-Chloronaphthalene	9.375	162	667470	41.710	ng	99
48) 2-Nitroaniline	9.469	65	236491	47.992	ng	98
49) Acenaphthylene	9.792	152	1043119	45.857	ng	100
50) Dimethylphthalate	9.651	163	784129	44.520	ng	99
51) 2,6-Dinitrotoluene	9.710	165	174347	45.801	ng	96
52) Acenaphthene	9.963	154	715327	47.100	ng	99
53) 3-Nitroaniline	9.881	138	130995	34.935	ng	95
54) 2,4-Dinitrophenol	9.986	184	167483	82.503	ng #	90
55) Dibenzofuran	10.134	168	947308	43.304	ng	99
56) 4-Nitrophenol	10.039	139	259598	90.543	ng	97
57) 2,4-Dinitrotoluene	10.116	165	231936	48.368	ng	98
58) Fluorene	10.475	166	733852	42.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	205190	45.217	ng	97
60) Diethylphthalate	10.351	149	756390	44.932	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	371490	42.768	ng	100
62) 4-Nitroaniline	10.498	138	159718	43.378	ng	96
63) Azobenzene	10.628	77	831743	44.826	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	119265	48.769	ng	98
66) n-Nitrosodiphenylamine	10.586	169	637510	43.357	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	232035	43.126	ng	97
68) Hexachlorobenzene	11.022	284	249367	42.375	ng	98
69) Atrazine	11.116	200	157358	43.027	ng	99
70) Pentachlorophenol	11.216	266	303622	81.539	ng	98
71) Phenanthrene	11.439	178	1085116	43.578	ng	99
72) Anthracene	11.492	178	1064220	43.784	ng	99
73) Carbazole	11.645	167	936390	43.665	ng	100
74) Di-n-butylphthalate	11.975	149	1084302	47.291	ng	100
75) Fluoranthene	12.622	202	1054510	43.016	ng	99
77) Benzidine	12.745	184	21648	4.249	ng	98
78) Pyrene	12.851	202	1043943	42.136	ng	100
80) Butylbenzylphthalate	13.469	149	308639	53.456	ng	99
81) Benzo(a)anthracene	14.039	228	773936	45.834	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	166993	37.664	ng	99
83) Chrysene	14.074	228	705132	44.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	318180	51.225	ng	100
85) Di-n-octyl phthalate	14.645	149	553913	47.148	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	794288	49.990	ng	100
88) Benzo(b)fluoranthene	15.092	252	656594	48.647	ng	99
89) Benzo(k)fluoranthene	15.121	252	636744	54.102	ng	99
90) Benzo(a)pyrene	15.463	252	610104	53.609	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	662832	50.130	ng	100
92) Benzo(g,h,i)perylene	17.457	276	624021	46.826	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

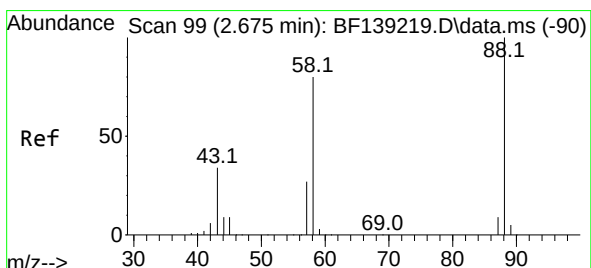
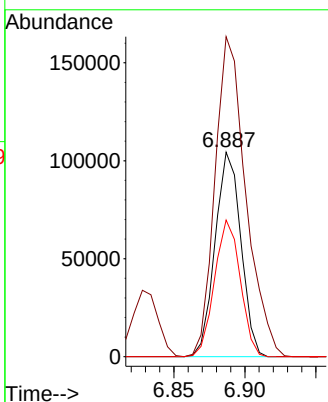
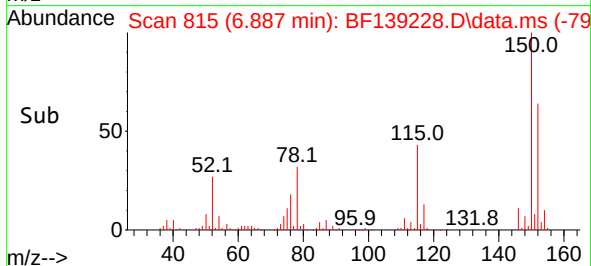
Instrument :
BNA_F
ClientSampleId :
PB163089BS



Tgt Ion: 152 Resp: 131884
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 66.9 54.2 81.4

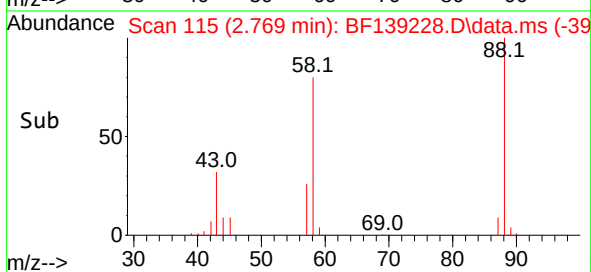
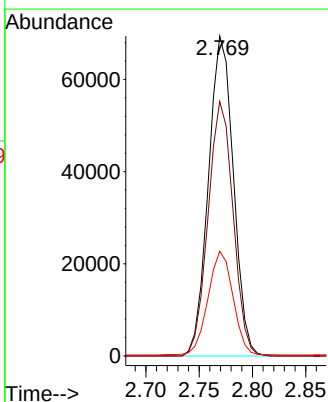
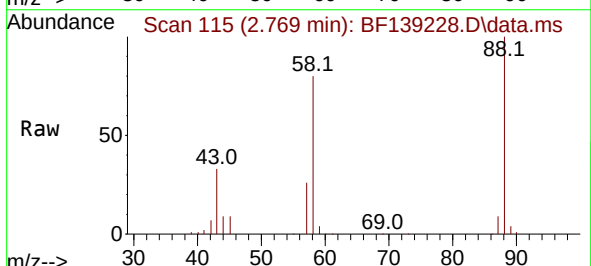
Manual Integrations
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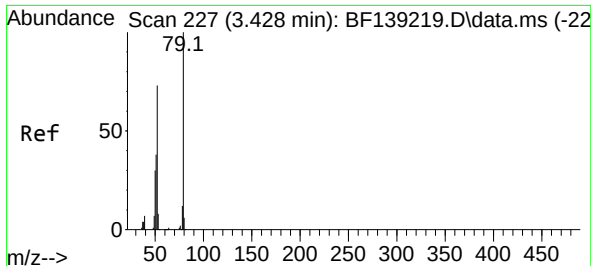
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#2
1,4-Dioxane
Concen: 31.424 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.094 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 88 Resp: 113072
Ion Ratio Lower Upper
88 100
58 79.6 63.3 94.9
43 32.6 27.1 40.7





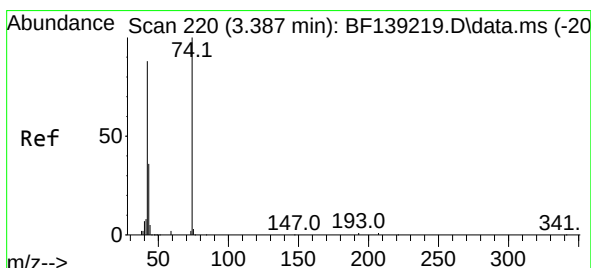
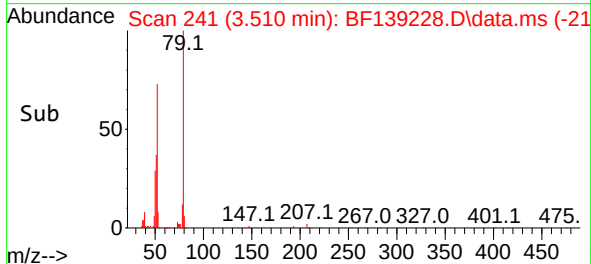
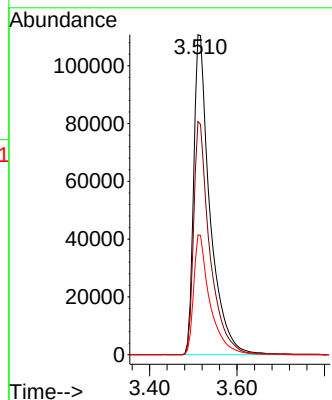
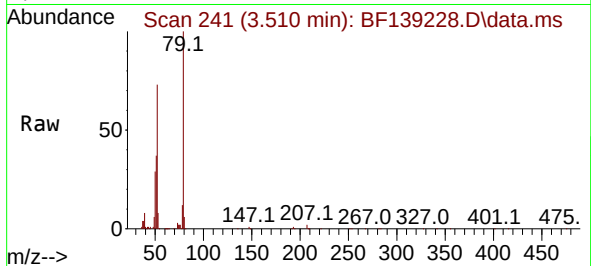
#3
Pyridine
Concen: 31.356 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.082 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion: 79 Resp: 28701
Ion Ratio Lower Upper
79 100
52 72.9 58.6 87.8
51 37.5 30.6 46.0

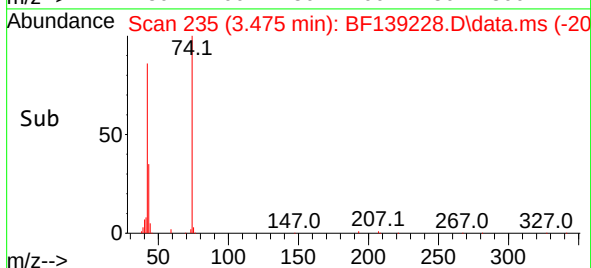
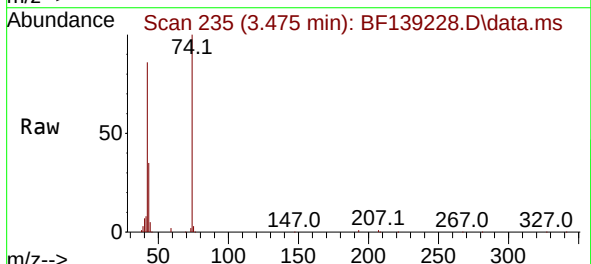
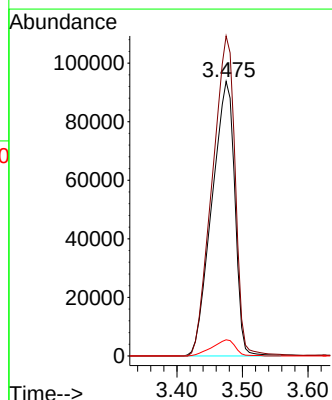
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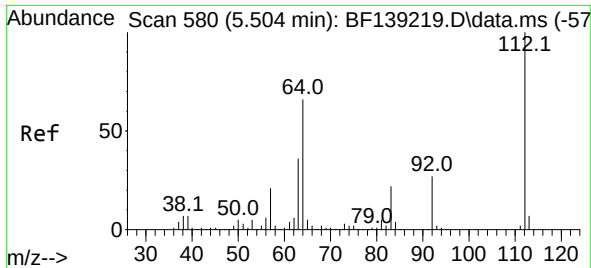
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#4
n-Nitrosodimethylamine
Concen: 45.817 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.088 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 42 Resp: 226667
Ion Ratio Lower Upper
42 100
74 116.6 91.4 137.0
44 5.9 4.8 7.2





#5
2-Fluorophenol
Concen: 118.626 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

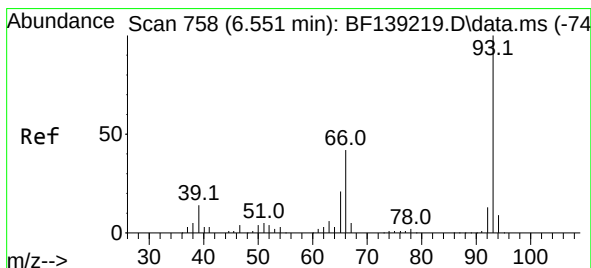
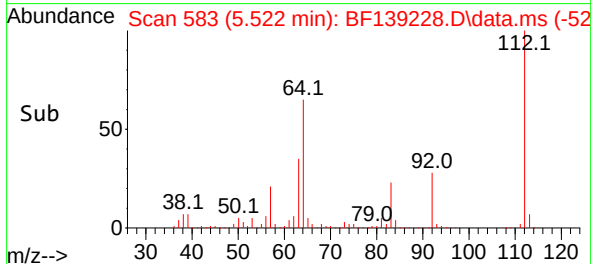
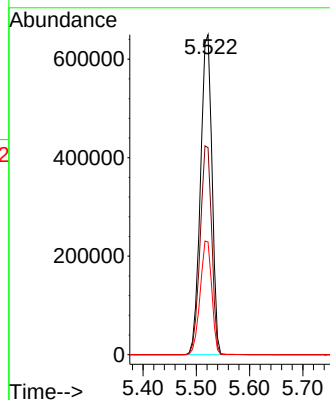
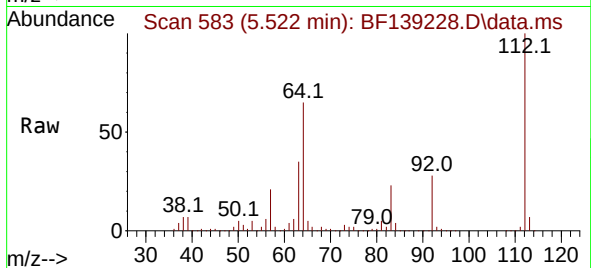
PB163089BS

Tgt Ion:112 Resp: 97594
Ion Ratio Lower Upper
112 100
64 64.7 52.5 78.7
63 35.3 28.5 42.7

Manual Integrations

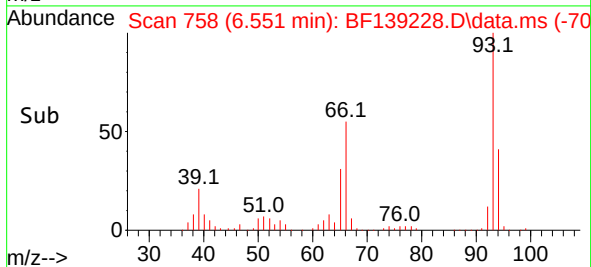
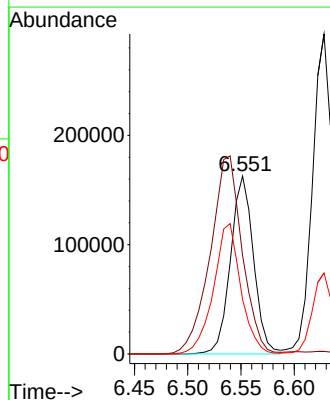
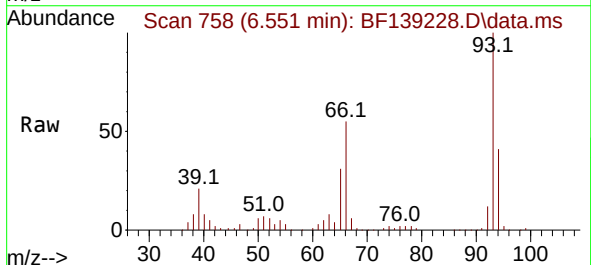
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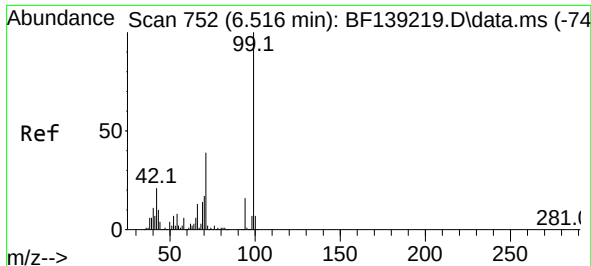
Reviewed By :Jagrut Upadhyay 09/04/2024
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#6
Aniline
Concen: 24.360 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

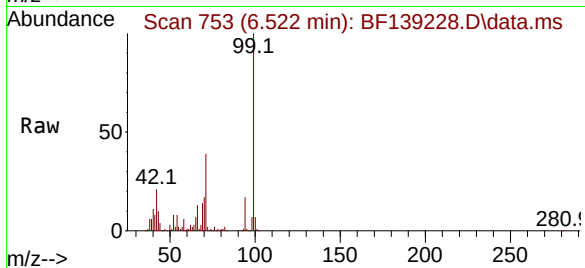
Tgt Ion: 93 Resp: 244880
Ion Ratio Lower Upper
93 100
66 55.3 34.2 51.4#
65 30.6 17.1 25.7#





#7
Phenol-d6
Concen: 116.740 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

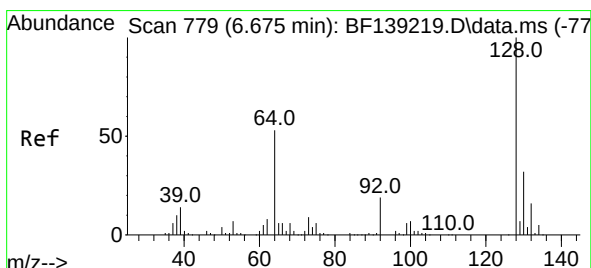
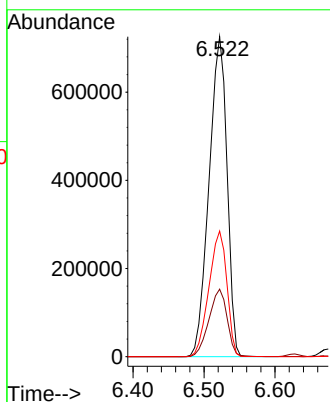
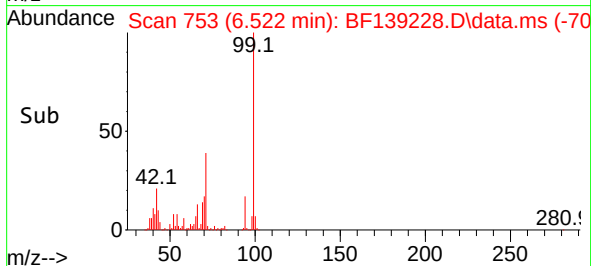
Instrument :
BNA_F
ClientSampleId :
PB163089BS



Tgt Ion: 99 Resp: 127406
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 39.2 31.3 46.9

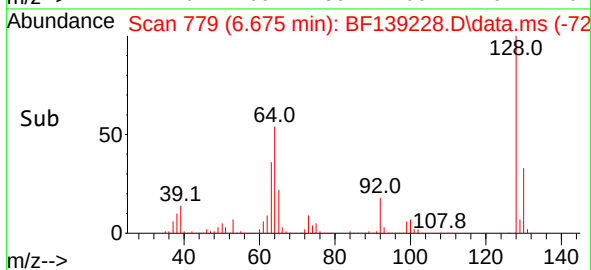
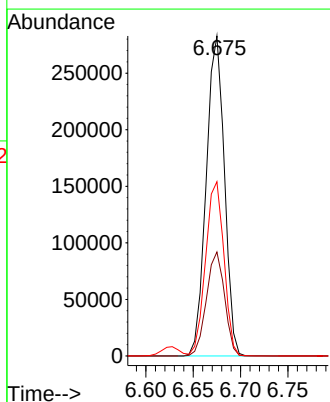
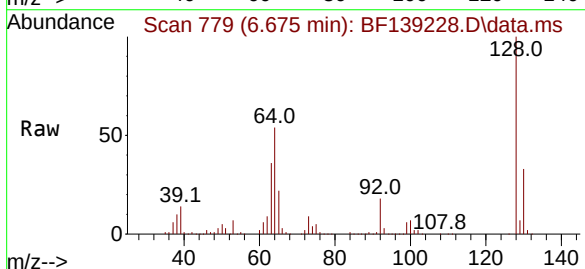
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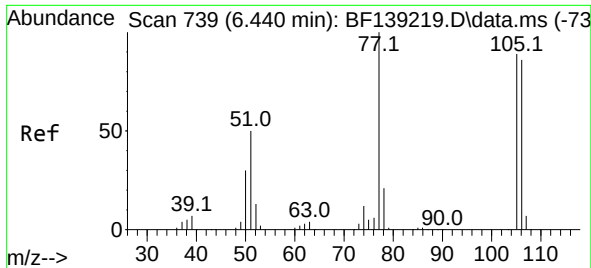
Reviewed By :Jagrut Upadhyay 09/04/2024
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#8
2-Chlorophenol
Concen: 45.579 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:128 Resp: 376788
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 54.4 35.5 75.5





#9
Benzaldehyde
Concen: 9.178 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

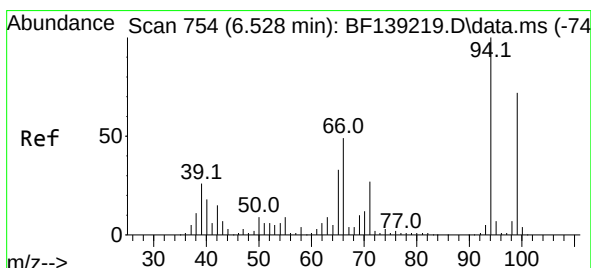
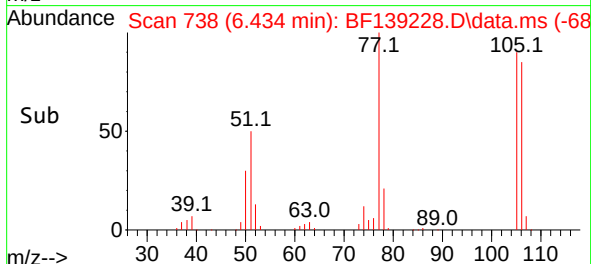
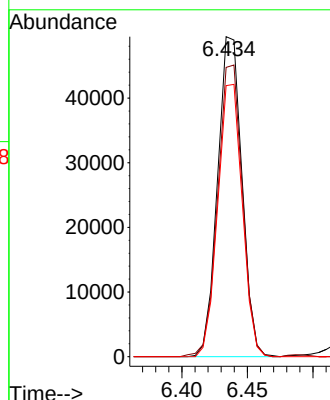
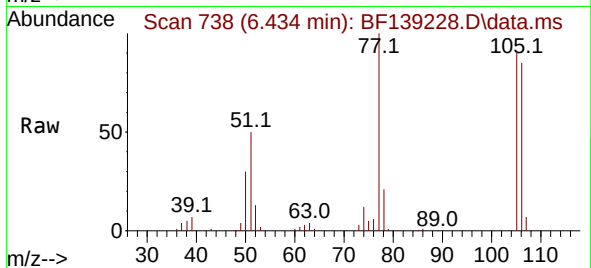
PB163089BS

Tgt Ion: 77 Resp: 6387
Ion Ratio Lower Upper
77 100
105 90.4 69.3 109.3
106 84.7 65.8 105.8

Manual Integrations

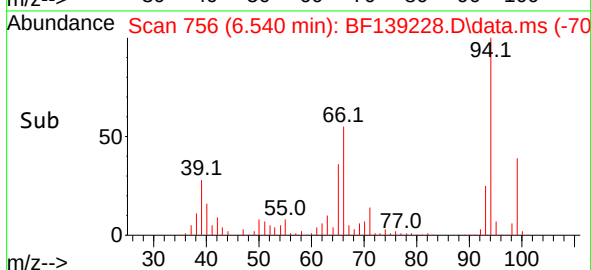
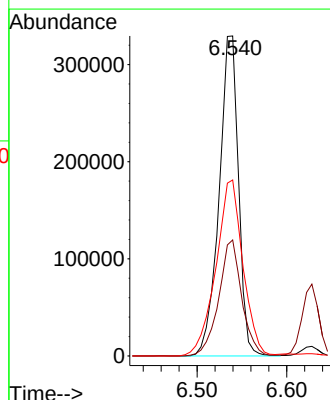
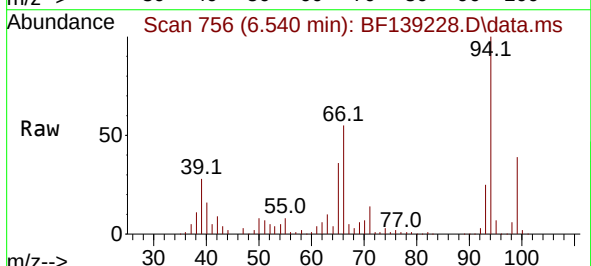
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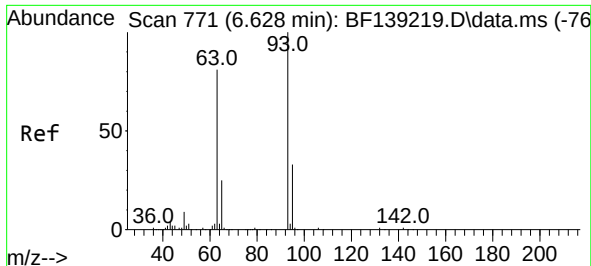
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#10
Phenol
Concen: 43.351 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 94 Resp: 494704
Ion Ratio Lower Upper
94 100
65 36.2 12.8 52.8
66 55.0 29.3 69.3





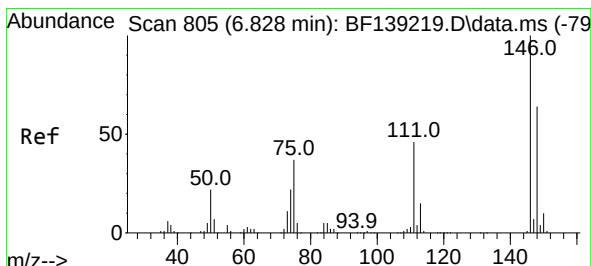
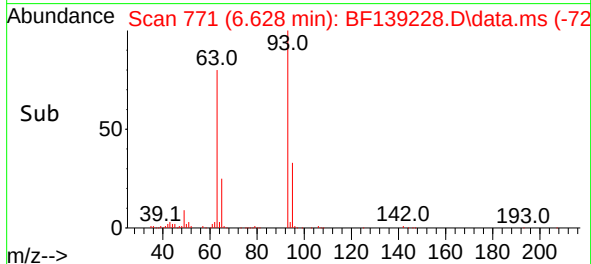
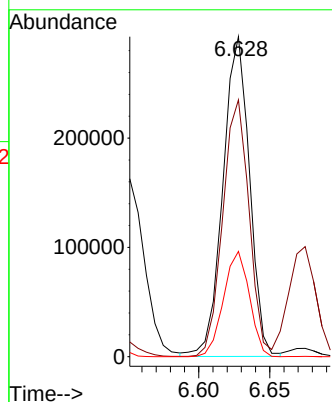
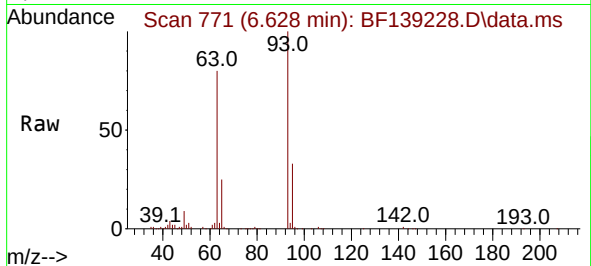
#11
bis(2-Chloroethyl)ether
Concen: 45.309 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion: 93 Resp: 38135
Ion Ratio Lower Upper
93 100
63 80.3 60.8 100.8
95 32.9 12.7 52.7

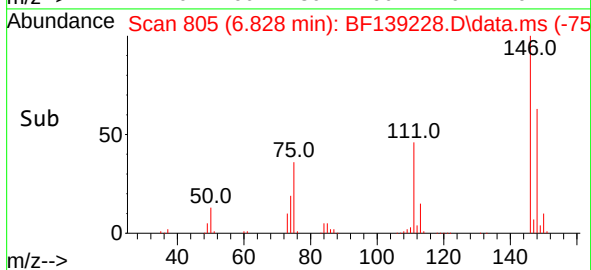
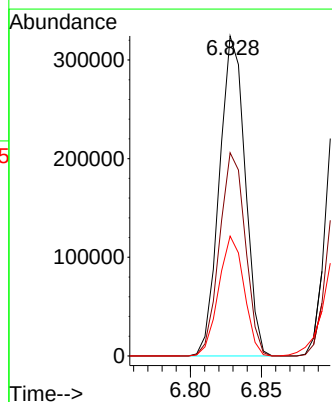
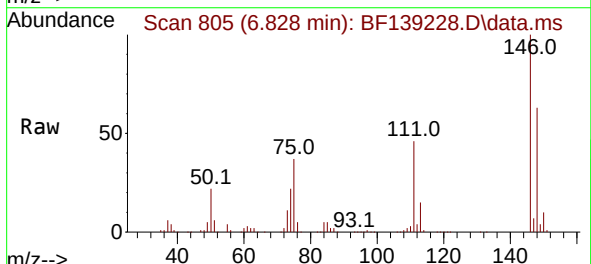
Manual Integrations
APPROVED

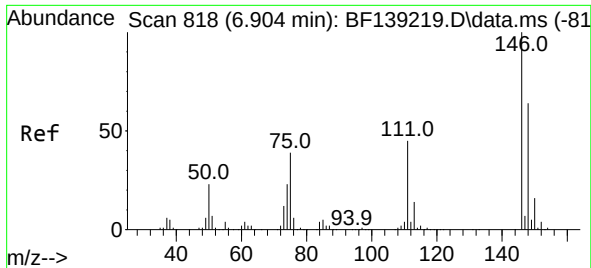
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#12
1,3-Dichlorobenzene
Concen: 41.690 ng
RT: 6.828 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:146 Resp: 407976
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 37.5 29.4 44.0





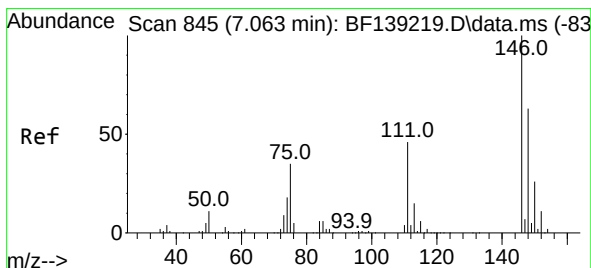
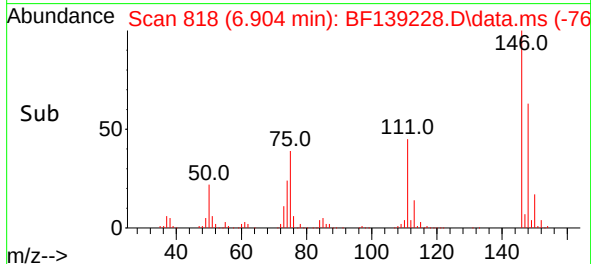
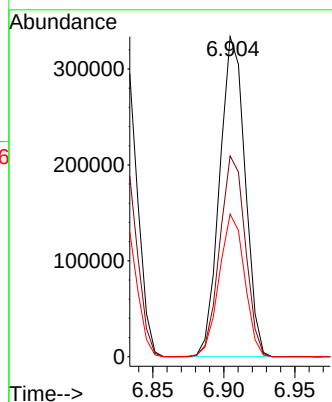
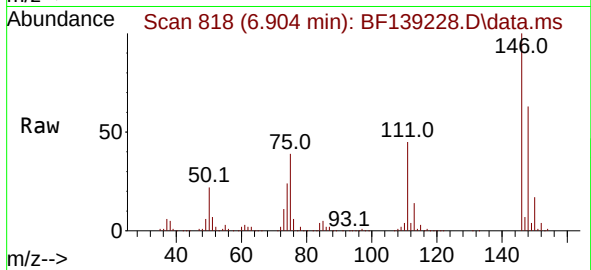
#13
1,4-Dichlorobenzene
Concen: 42.000 ng
RT: 6.904 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion:146 Resp: 415278
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 44.5 35.6 53.4

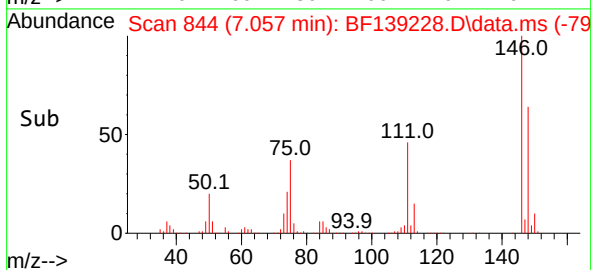
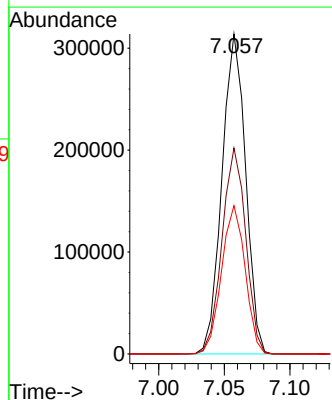
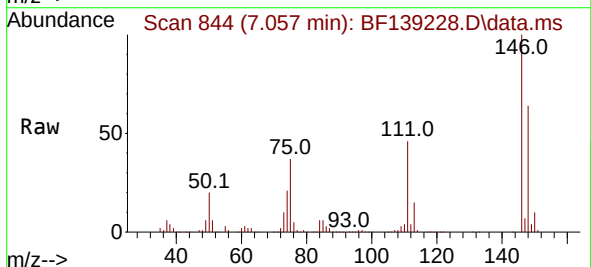
Manual Integrations
APPROVED

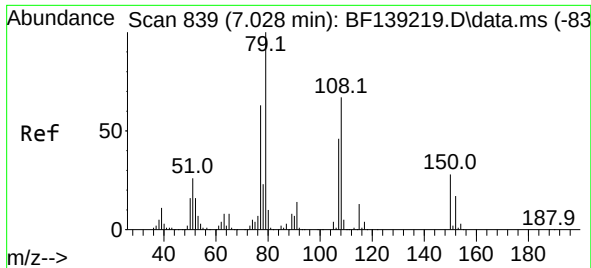
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#14
1,2-Dichlorobenzene
Concen: 42.492 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

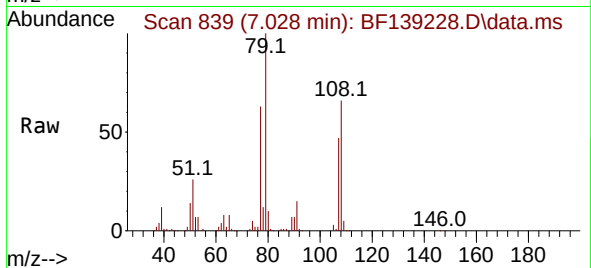
Tgt Ion:146 Resp: 393280
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
111 46.3 37.0 55.6





#15
Benzyl Alcohol
Concen: 45.425 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

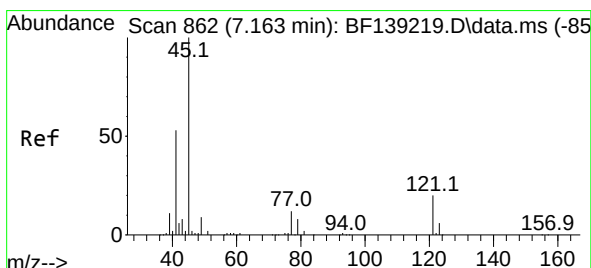
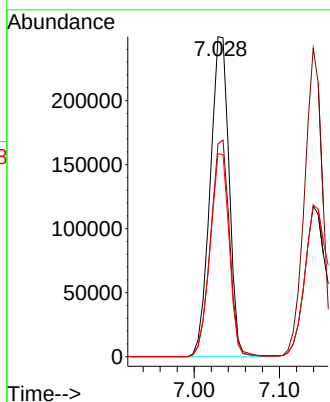
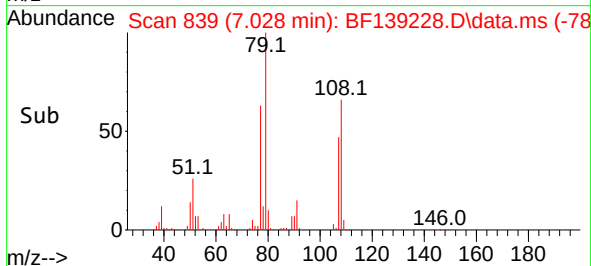
Instrument :
BNA_F
ClientSampleId :
PB163089BS



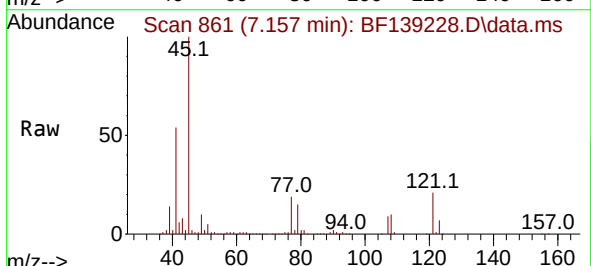
Tgt Ion: 79 Resp: 386080
Ion Ratio Lower Upper
79 100
108 66.5 53.4 80.2
77 63.4 50.4 75.6

Manual Integrations
APPROVED

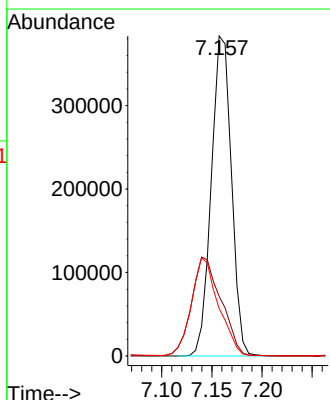
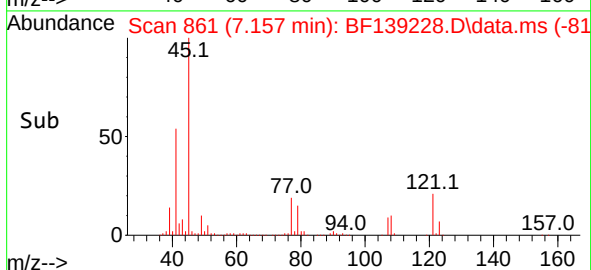
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

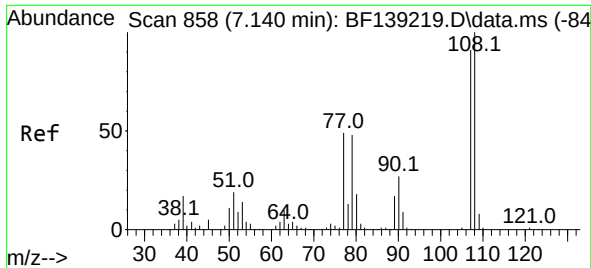


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.706 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion: 45 Resp: 534488
Ion Ratio Lower Upper
45 100
77 18.6 0.0 34.7
79 14.8 0.0 31.0





#17
2-Methylphenol
Concen: 44.385 ng
RT: 7.140 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

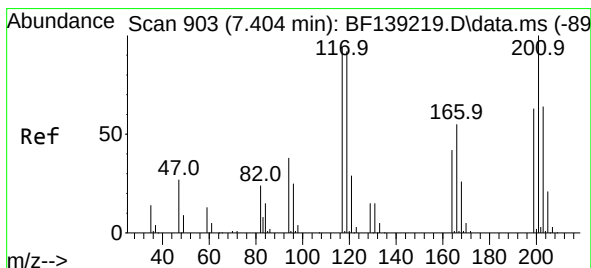
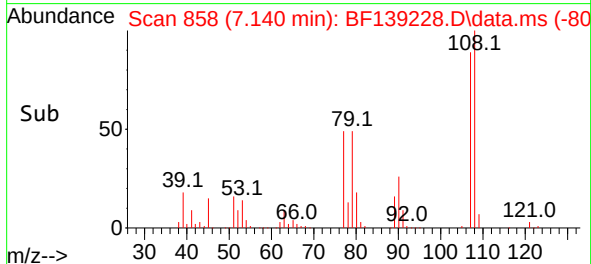
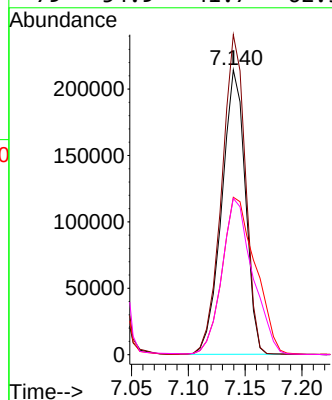
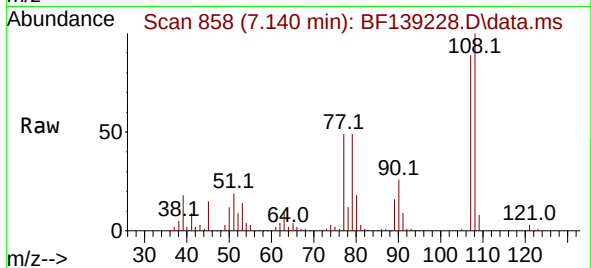
PB163089BS

Tgt Ion:107 Resp: 309830
Ion Ratio Lower Upper
107 100
108 112.4 87.6 131.4
77 55.3 43.2 64.8
79 54.9 41.7 62.5

Manual Integrations

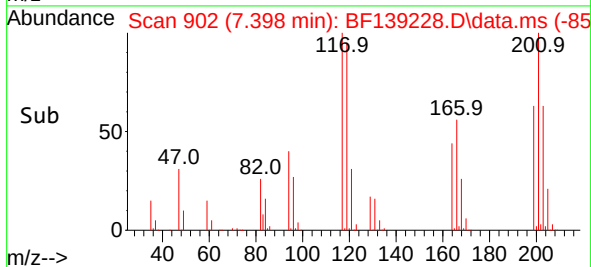
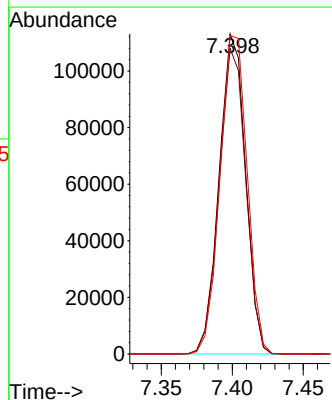
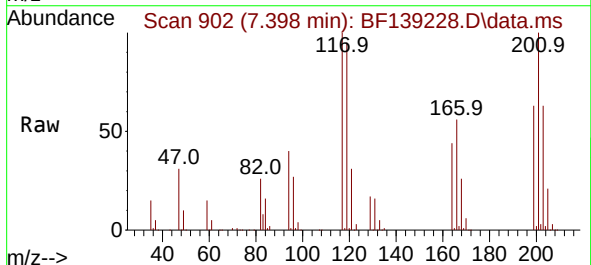
APPROVED

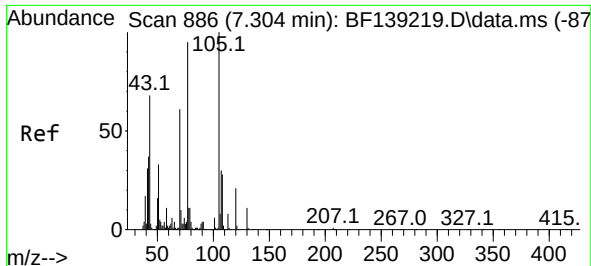
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#18
Hexachloroethane
Concen: 42.735 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:117 Resp: 146345
Ion Ratio Lower Upper
117 100
119 95.4 78.3 117.5
201 99.5 85.4 128.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.519 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

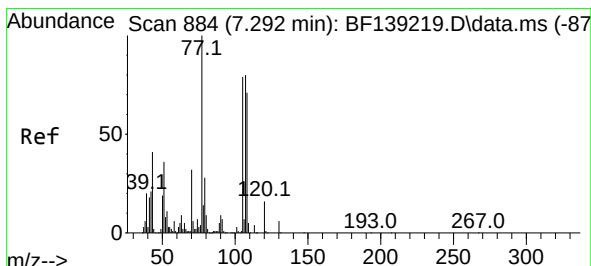
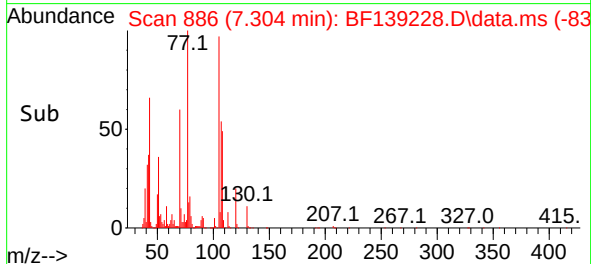
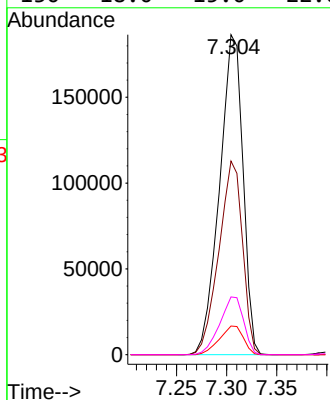
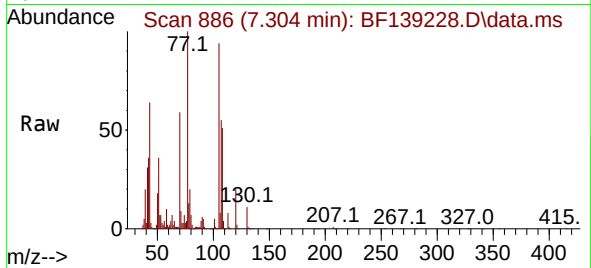
ClientSampleId :

PB163089BS

Tgt Ion: 70 Resp: 30231
Ion Ratio Lower Upper
70 100
42 60.5 49.0 73.4
101 9.0 7.6 11.4
130 18.0 15.0 22.6

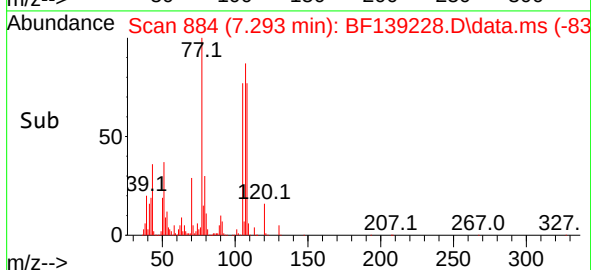
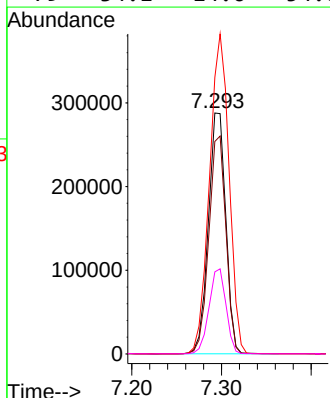
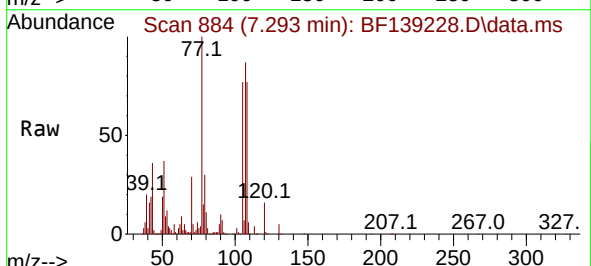
Manual Integrations
APPROVED

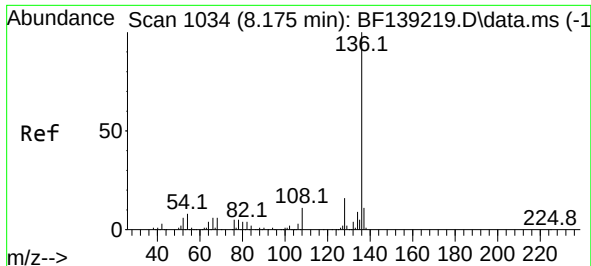
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#20
3+4-Methylphenols
Concen: 42.931 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:107 Resp: 388401
Ion Ratio Lower Upper
107 100
108 88.1 69.2 109.2
77 114.7 105.6 145.6
79 34.1 14.6 54.6





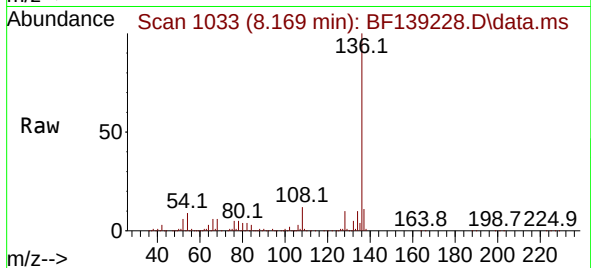
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

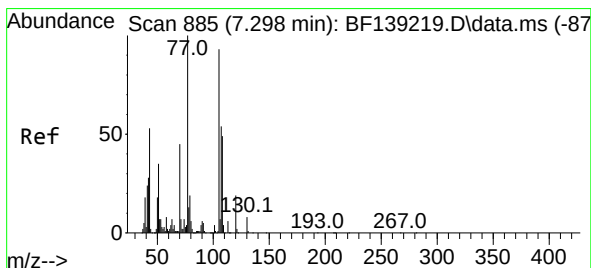
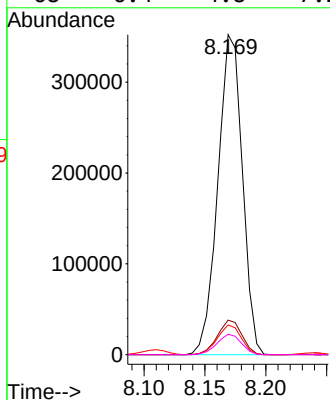
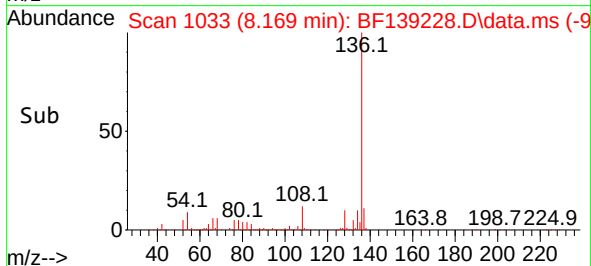


Tgt Ion:	136	Resp:	492919
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	9.3	6.9	10.3
68	6.4	4.8	7.2

Manual Integrations

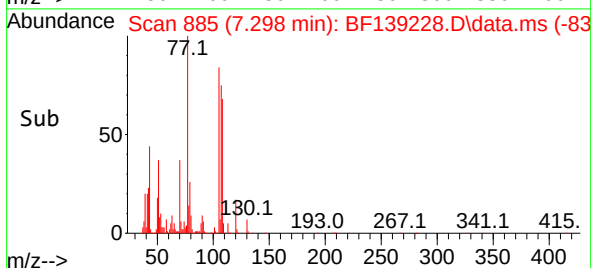
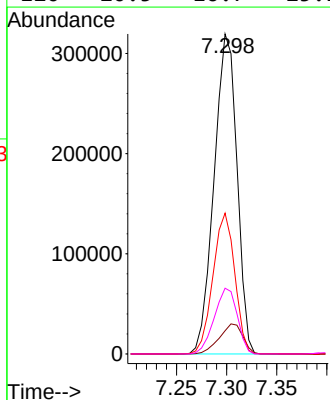
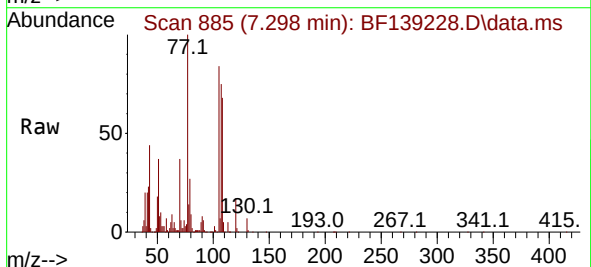
APPROVED

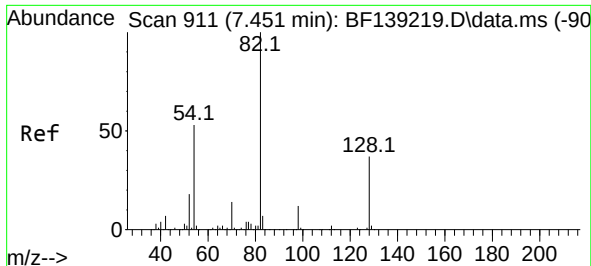
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#22
Acetophenone
Concen: 40.343 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:	105	Resp:	505897
Ion Ratio	Lower	Upper	
105	100		
71	7.3	6.5	9.7
51	44.0	30.7	46.1
120	20.5	16.7	25.1





#23

Nitrobenzene-d5

Concen: 82.717 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

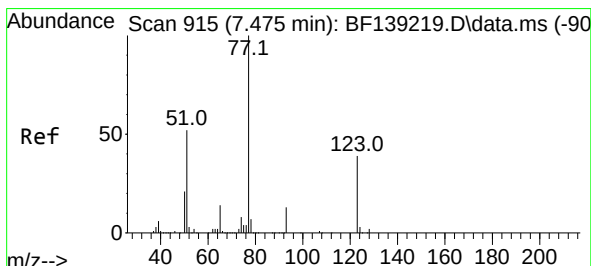
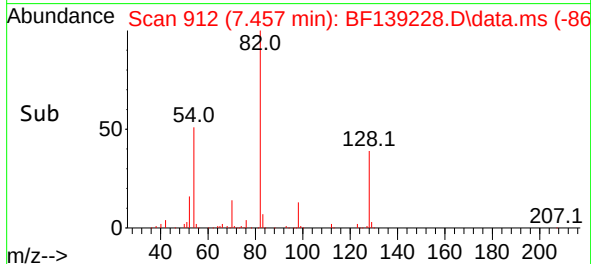
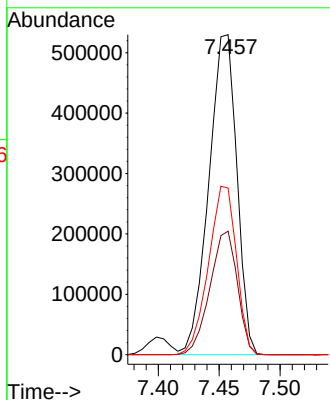
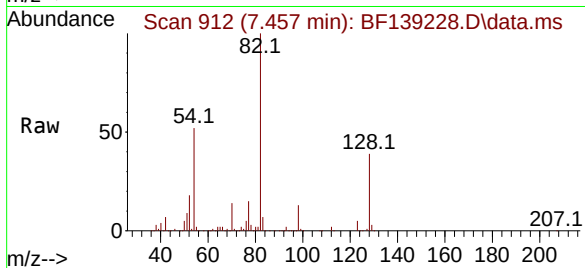
PB163089BS

Tgt Ion: 82	Resp: 84818
Ion Ratio	Lower Upper
82 100	
128 38.6	29.4 44.2
54 52.0	42.4 63.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#24

Nitrobenzene

Concen: 42.410 ng

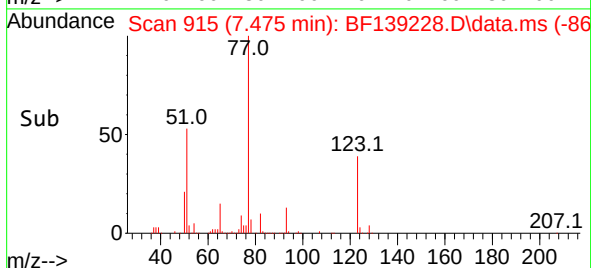
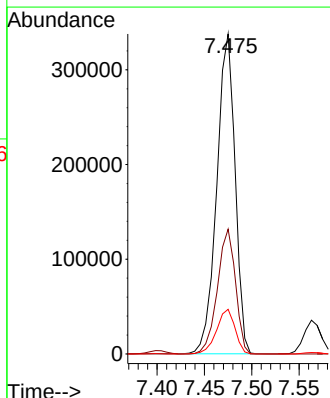
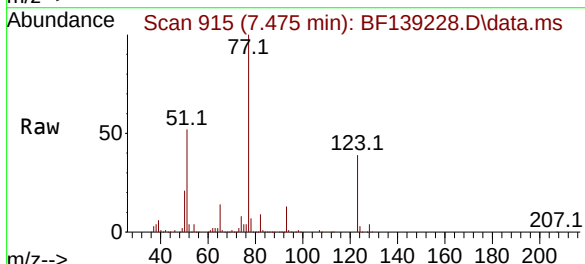
RT: 7.475 min Scan# 915

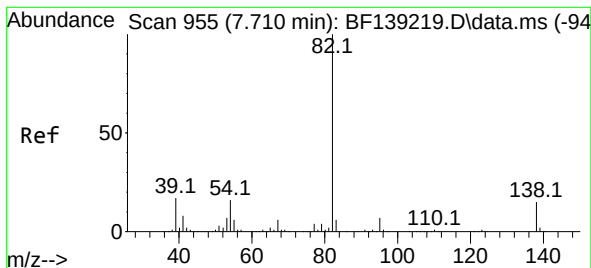
Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion: 77	Resp: 454789
Ion Ratio	Lower Upper
77 100	
123 39.0	32.0 48.0
65 13.9	11.1 16.7





#25

Isophorone

Concen: 45.260 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

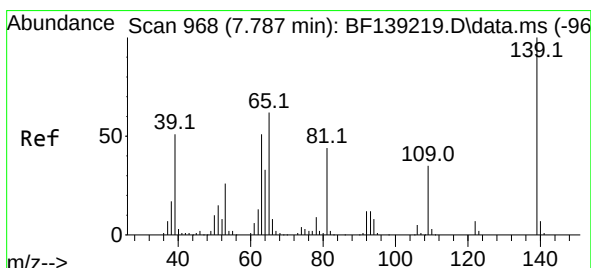
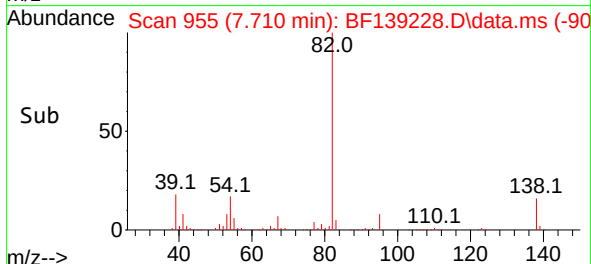
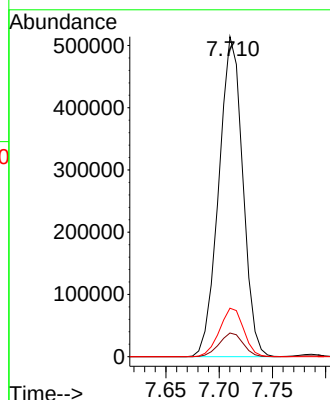
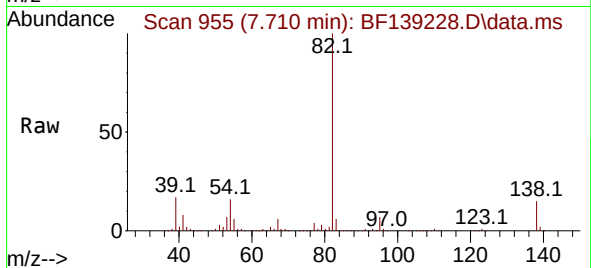
PB163089BS

Tgt Ion: 82 Resp: 804350
 Ion Ratio Lower Upper
 82 100
 95 7.4 5.8 8.8
 138 15.1 12.3 18.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024



#26

2-Nitrophenol

Concen: 46.941 ng

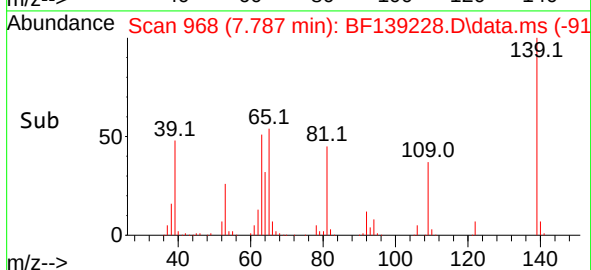
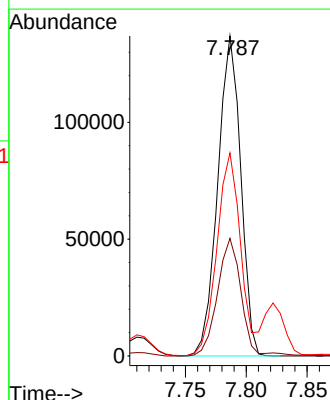
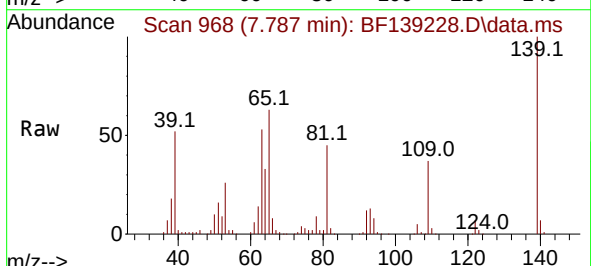
RT: 7.787 min Scan# 968

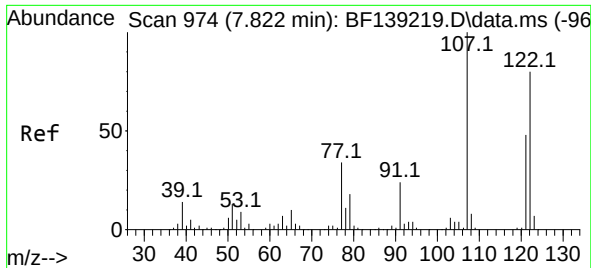
Delta R.T. -0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:139 Resp: 180196
 Ion Ratio Lower Upper
 139 100
 109 36.7 28.2 42.2
 65 63.4 49.6 74.4





#27
2,4-Dimethylphenol
Concen: 47.358 ng
RT: 7.822 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

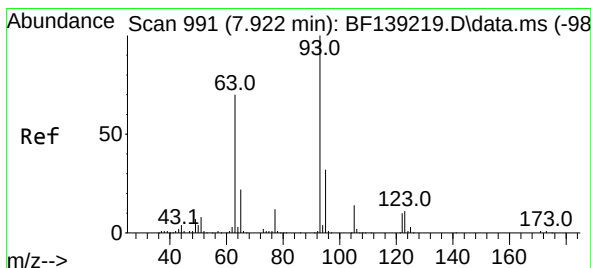
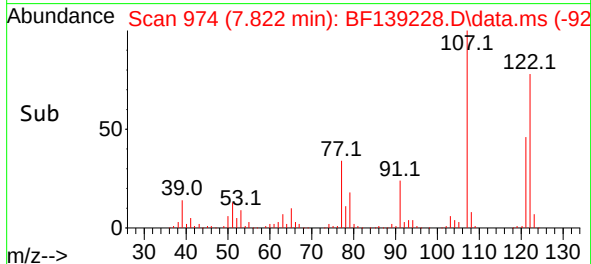
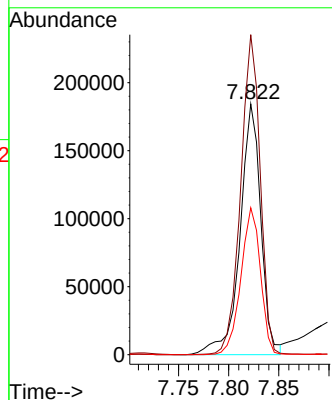
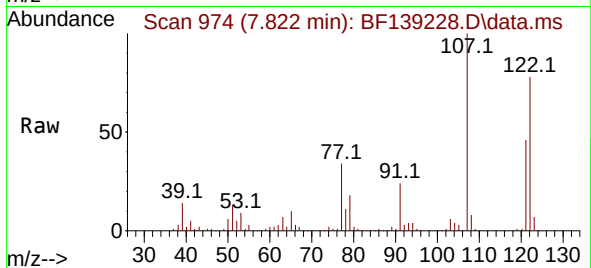
PB163089BS

Tgt Ion:122 Resp: 266729
Ion Ratio Lower Upper
122 100
107 127.6 99.8 149.8
121 58.6 47.5 71.3

Manual Integrations

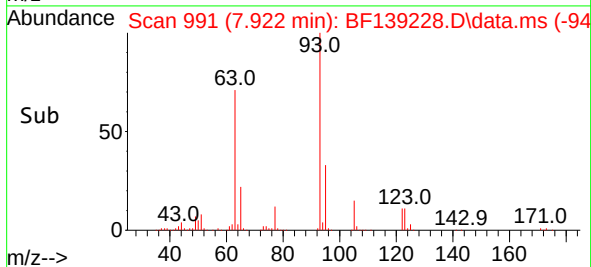
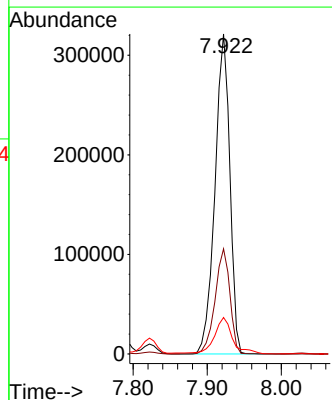
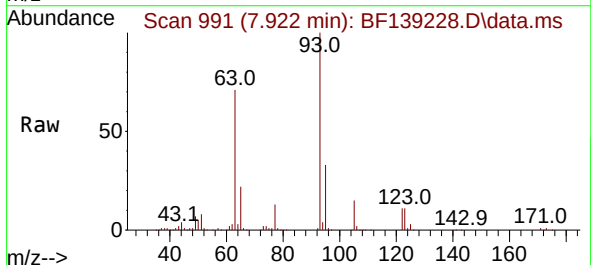
APPROVED

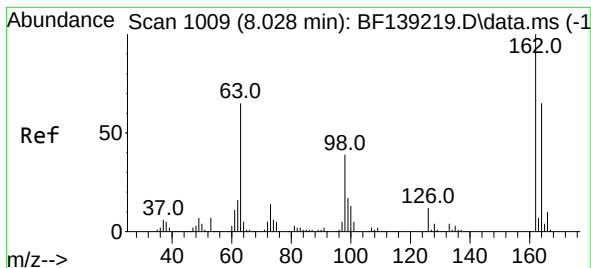
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.181 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 93 Resp: 446811
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.4 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 43.840 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

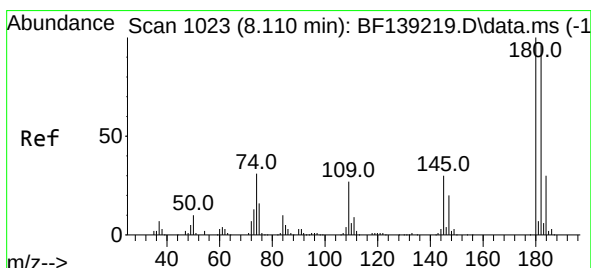
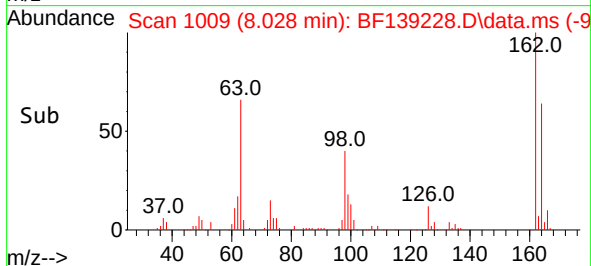
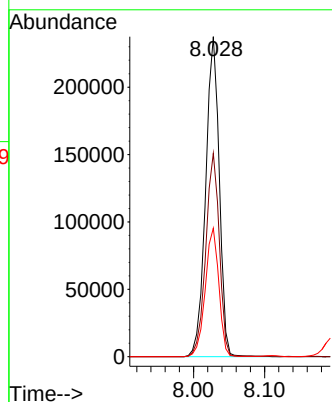
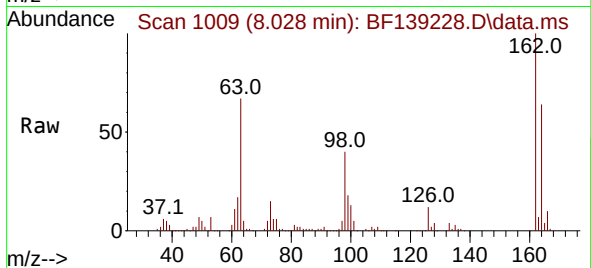
PB163089BS

Tgt Ion:162 Resp: 317619
Ion Ratio Lower Upper
162 100
164 63.5 45.3 85.3
98 40.2 19.1 59.1

Manual Integrations

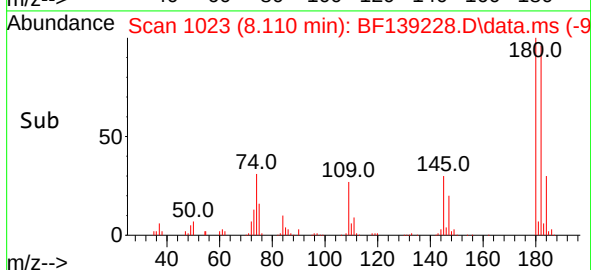
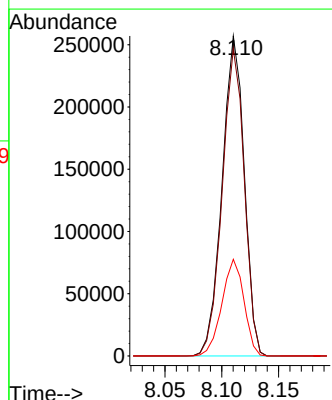
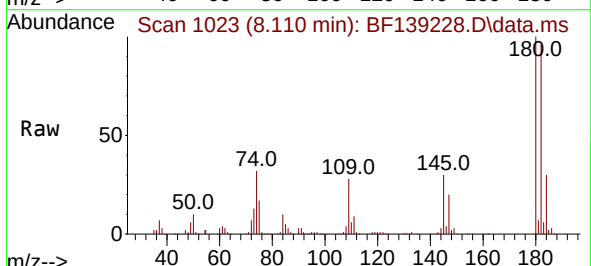
APPROVED

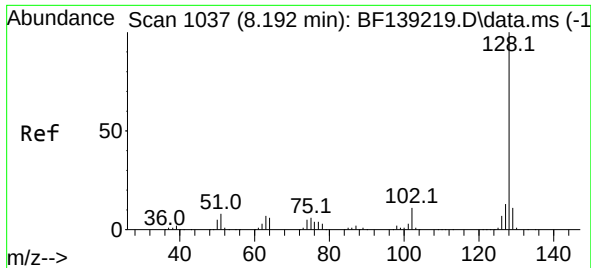
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.989 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:180 Resp: 349104
Ion Ratio Lower Upper
180 100
182 96.0 76.5 114.7
145 30.2 24.2 36.2





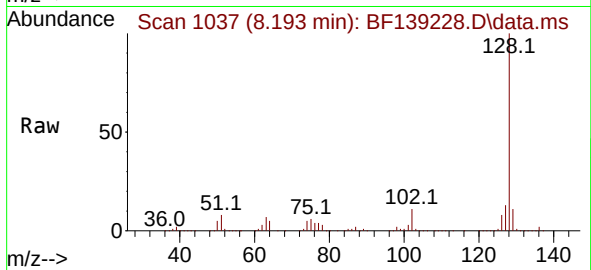
#31
Naphthalene
Concen: 41.983 ng
RT: 8.193 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

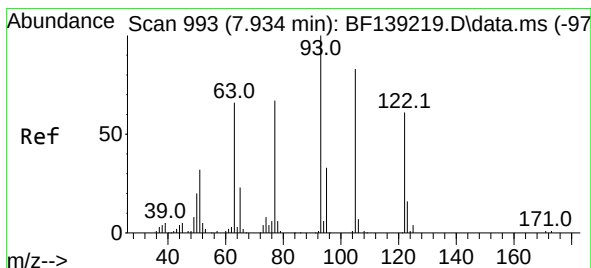
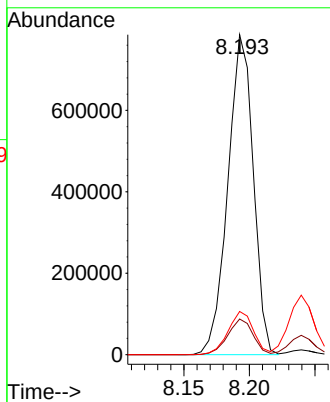
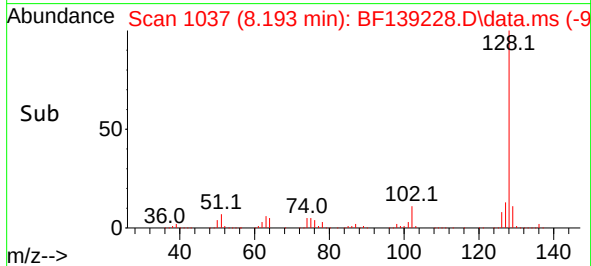


Tgt Ion:128 Resp: 1061119
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1

Manual Integrations

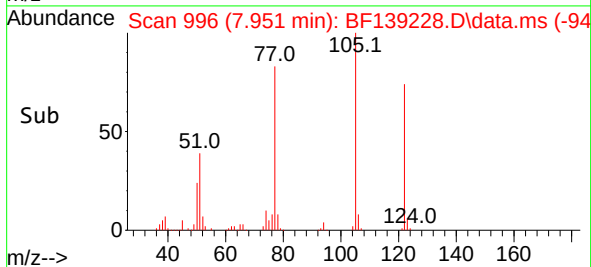
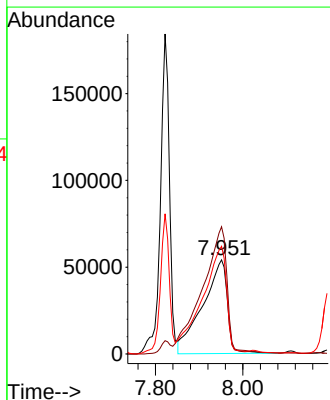
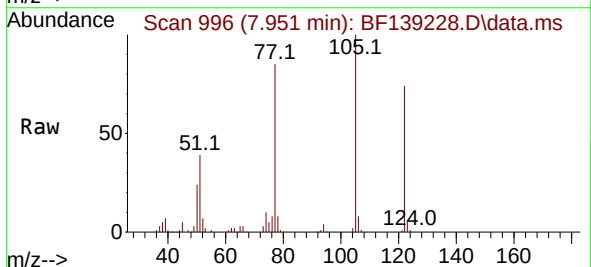
APPROVED

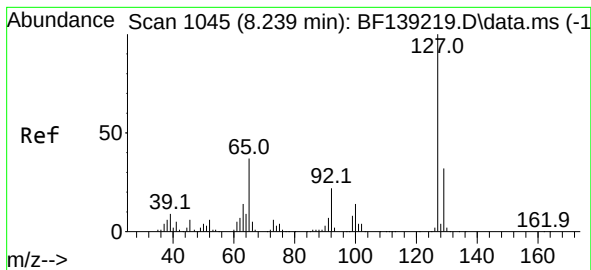
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#32
Benzoic acid
Concen: 42.025 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:122 Resp: 210253
Ion Ratio Lower Upper
122 100
105 135.2 115.3 155.3
77 114.4 91.0 131.0





#33
4-Chloroaniline
Concen: 23.050 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

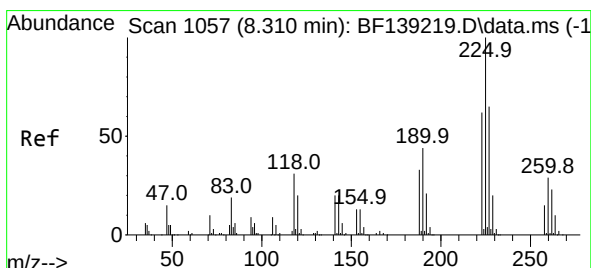
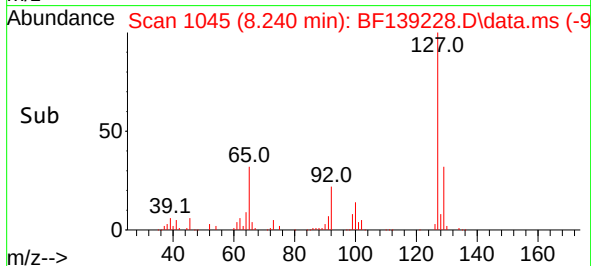
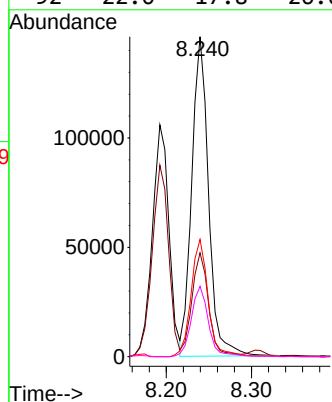
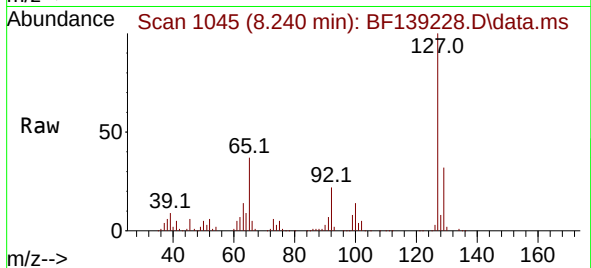
PB163089BS

Tgt Ion:127 Resp: 19970
Ion Ratio Lower Upper
127 100
129 32.4 25.5 38.3
65 36.6 29.3 43.9
92 22.0 17.8 26.6

Manual Integrations

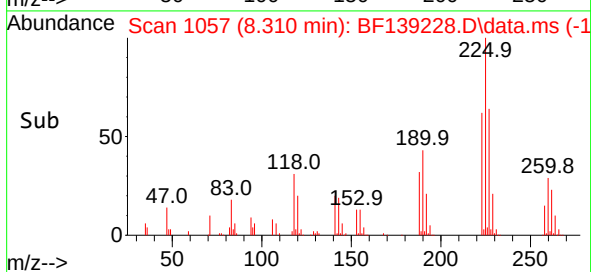
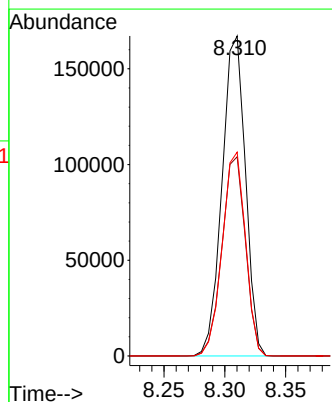
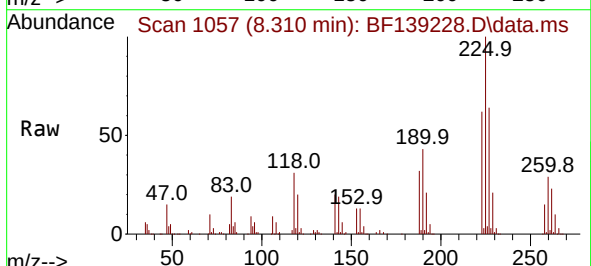
APPROVED

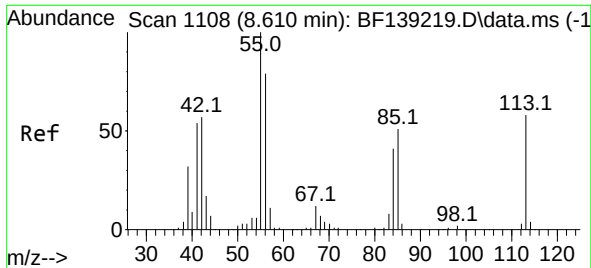
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#34
Hexachlorobutadiene
Concen: 40.796 ng
RT: 8.310 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:225 Resp: 223584
Ion Ratio Lower Upper
225 100
223 62.3 49.4 74.0
227 63.7 51.7 77.5





#35
Caprolactam
Concen: 40.557 ng m
RT: 8.616 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

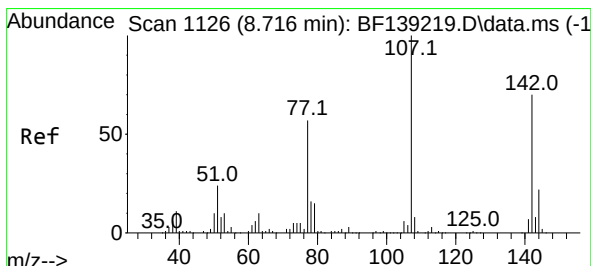
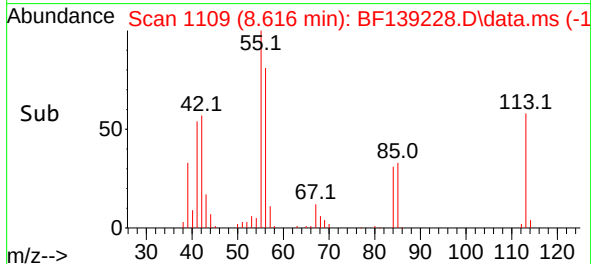
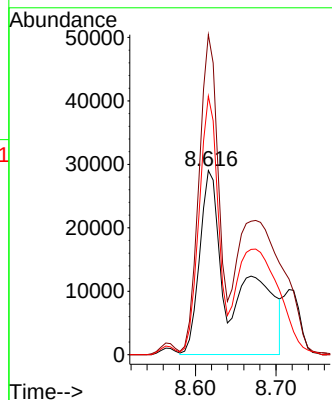
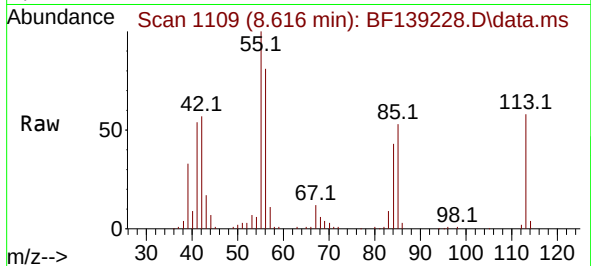
PB163089BS

Tgt Ion:113 Resp: 87530
Ion Ratio Lower Upper
113 100
55 173.7 153.2 193.2
56 140.3 116.8 156.8

Manual Integrations

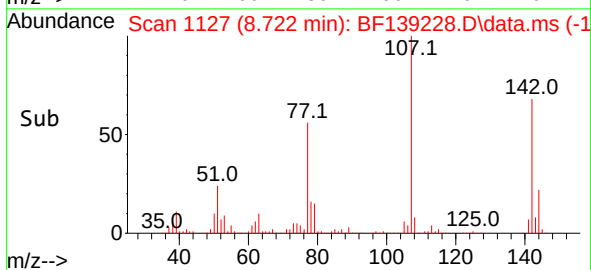
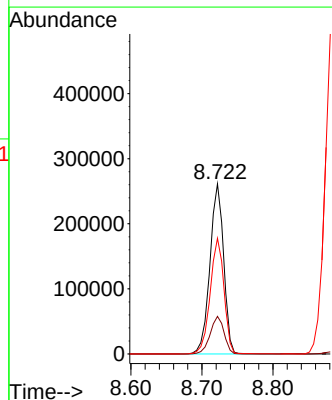
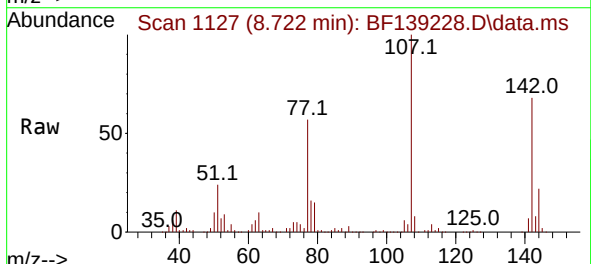
APPROVED

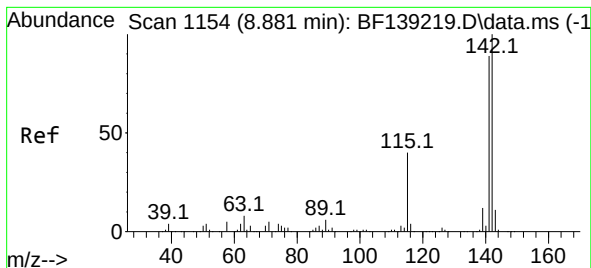
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#36
4-Chloro-3-methylphenol
Concen: 44.261 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:107 Resp: 352023
Ion Ratio Lower Upper
107 100
144 22.1 17.8 26.8
142 68.0 55.8 83.8





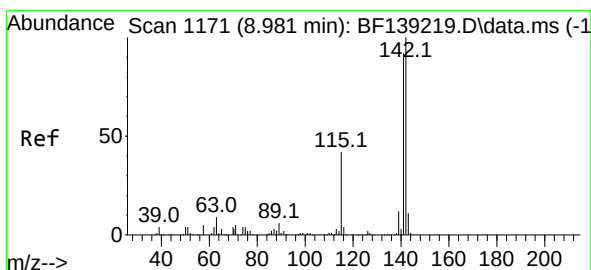
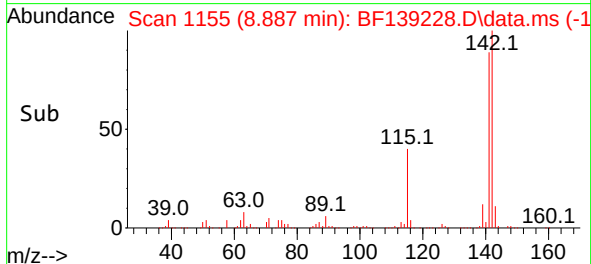
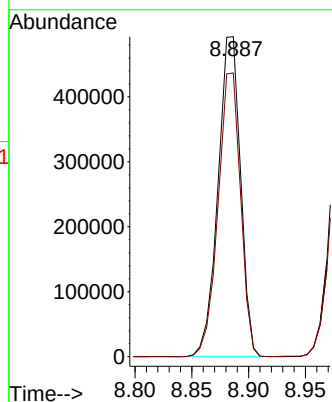
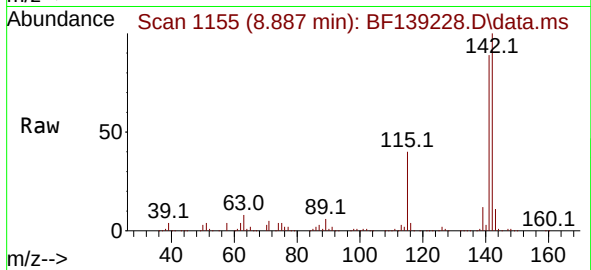
#37
2-Methylnaphthalene
Concen: 42.769 ng
RT: 8.887 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion:142 Resp: 68107
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3

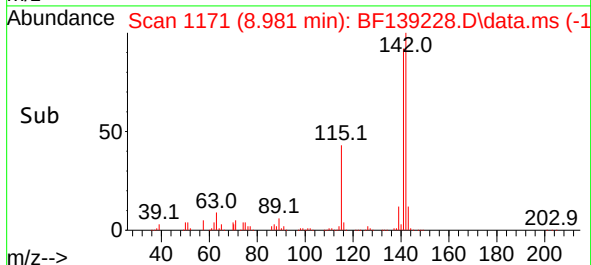
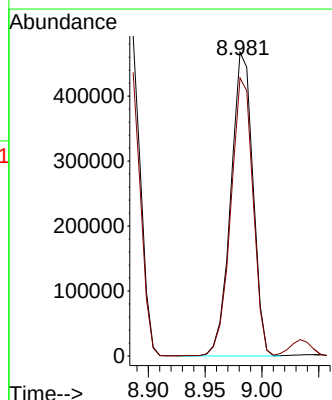
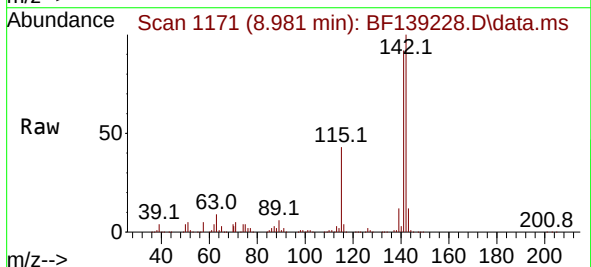
Manual Integrations
APPROVED

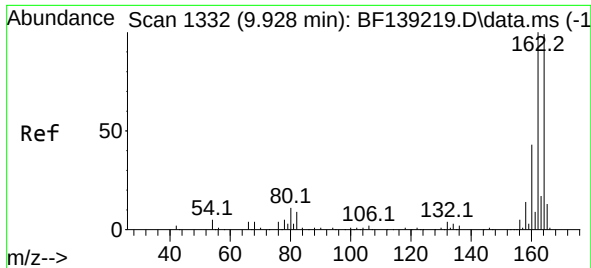
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#38
1-Methylnaphthalene
Concen: 40.216 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:142 Resp: 631600
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2





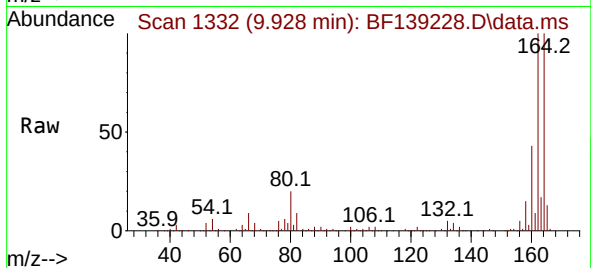
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

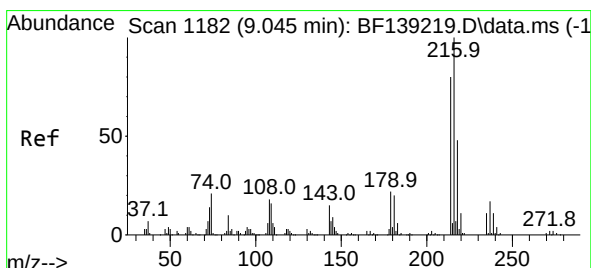
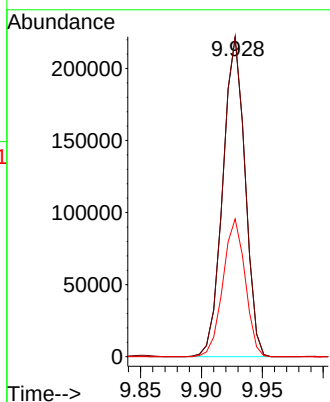
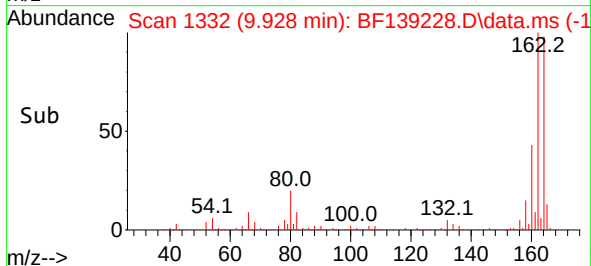


Tgt Ion:164 Resp: 281284
Ion Ratio Lower Upper
164 100
162 100.4 80.8 121.2
160 43.2 34.4 51.6

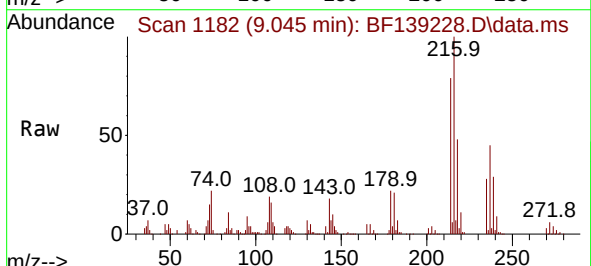
Manual Integrations

APPROVED

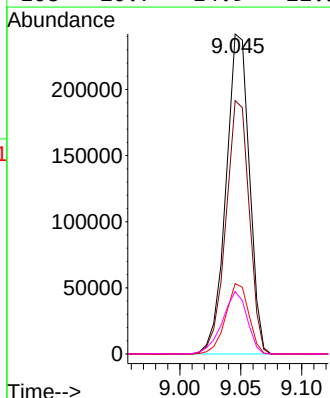
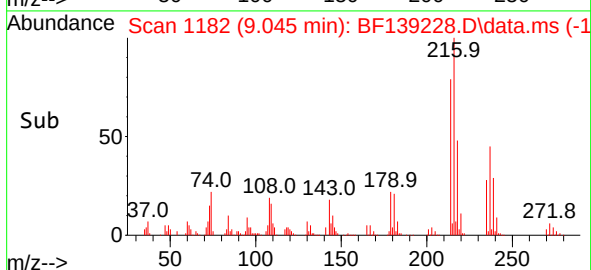
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

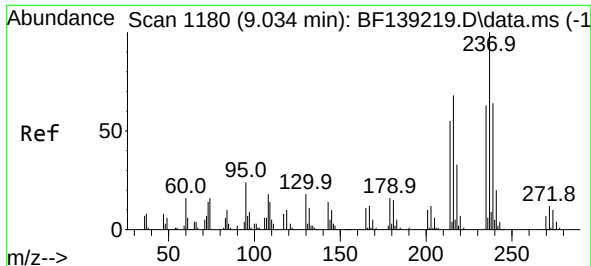


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.581 ng
RT: 9.045 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



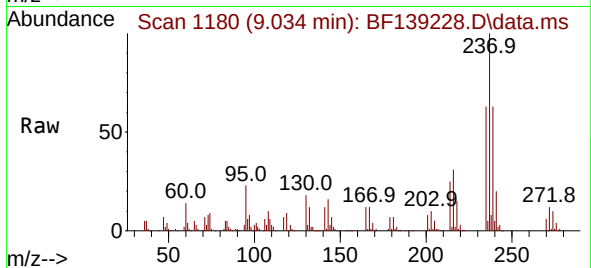
Tgt Ion:216 Resp: 322532
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 21.8 17.1 25.7
108 20.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 97.926 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

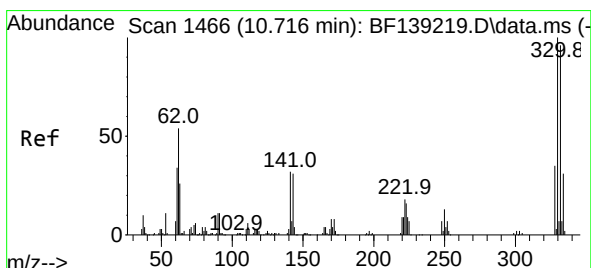
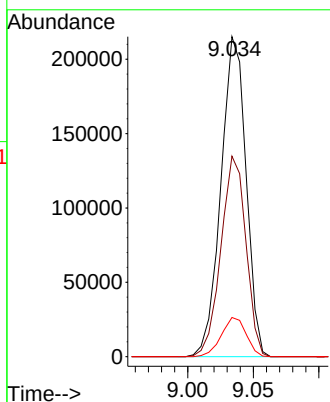
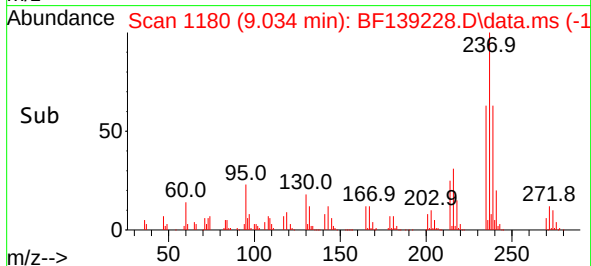
Instrument :
BNA_F
ClientSampleId :
PB163089BS



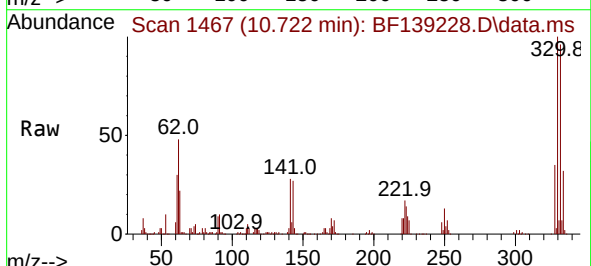
Tgt Ion: 237 Resp: 286735
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 12.2 0.0 32.1

Manual Integrations
APPROVED

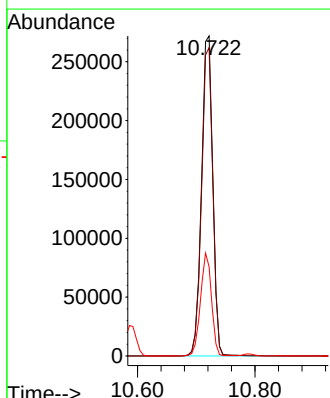
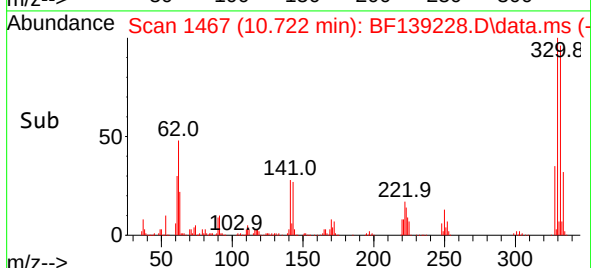
Reviewed By : Jagrut Upadhyay 09/04/2024
Supervised By : mohammad ahmed 09/06/2024

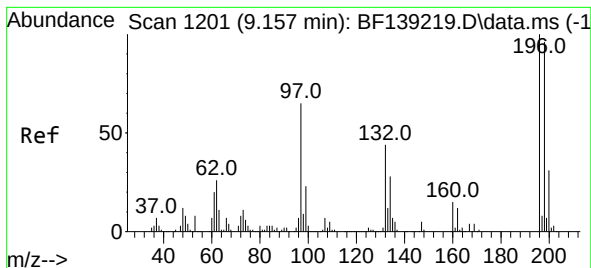


#42
2,4,6-Tribromophenol
Concen: 128.830 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion: 330 Resp: 363497
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 31.3 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 44.450 ng
RT: 9.157 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

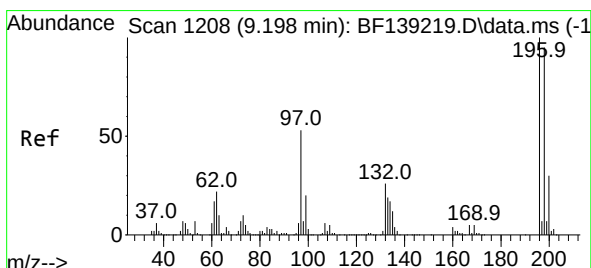
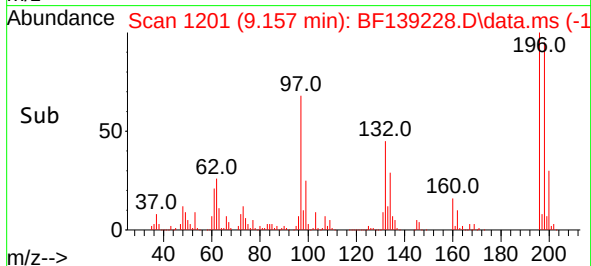
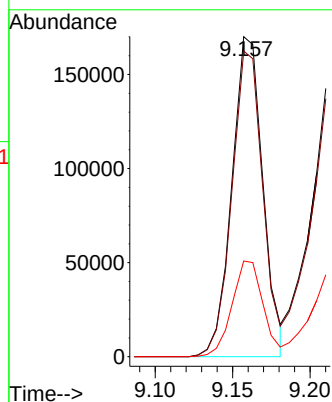
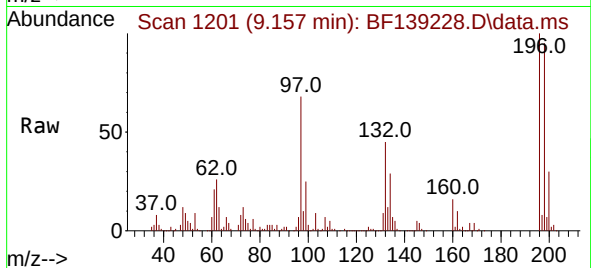
PB163089BS

Tgt Ion:196 Resp: 236362
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
200 29.9 24.7 37.1

Manual Integrations

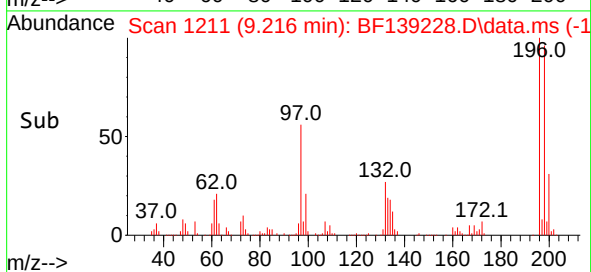
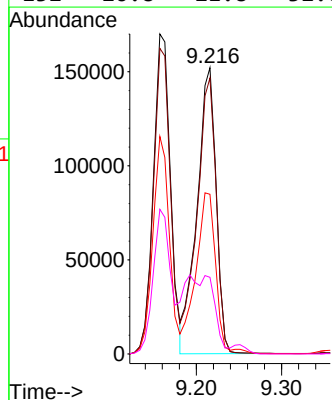
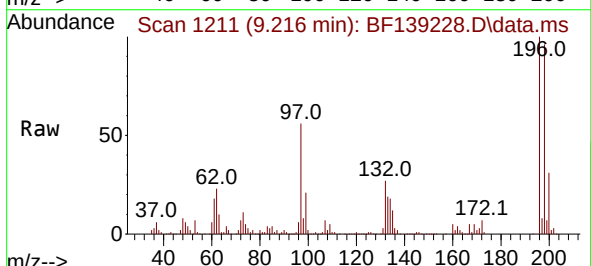
APPROVED

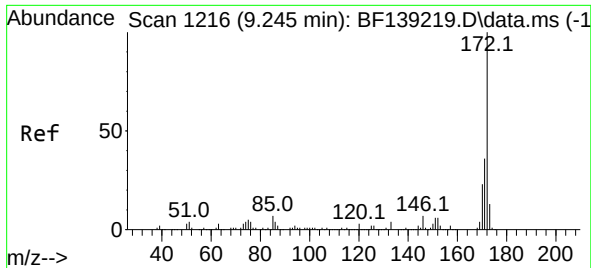
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#44
2,4,5-Trichlorophenol
Concen: 41.576 ng
RT: 9.216 min Scan# 1211
Delta R.T. 0.018 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:196 Resp: 237925
Ion Ratio Lower Upper
196 100
198 96.4 76.2 114.4
97 55.8 43.0 64.4
132 26.8 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 78.690 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

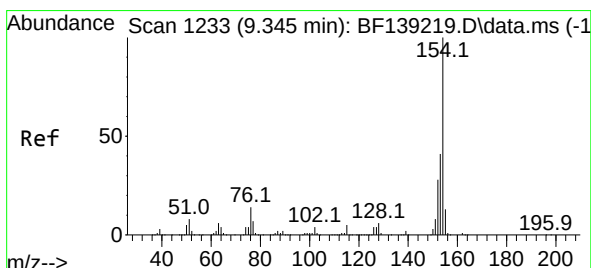
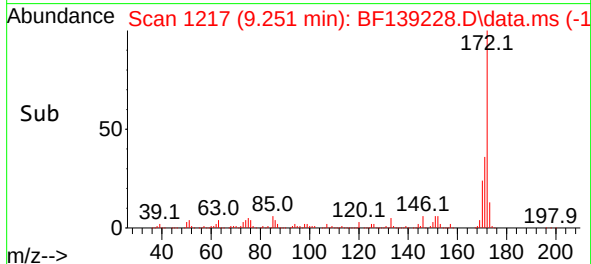
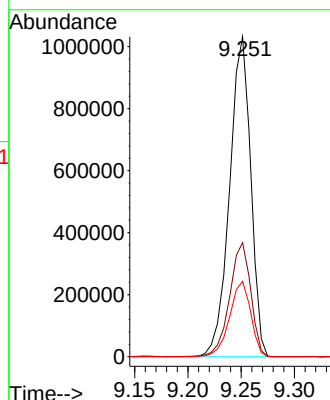
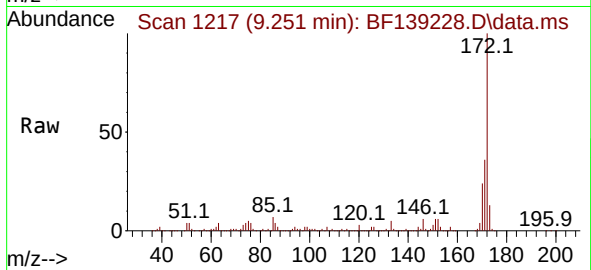
PB163089BS

Tgt Ion:172 Resp: 142156
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.6 18.7 28.1

Manual Integrations

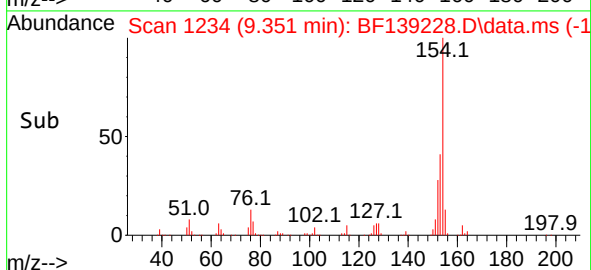
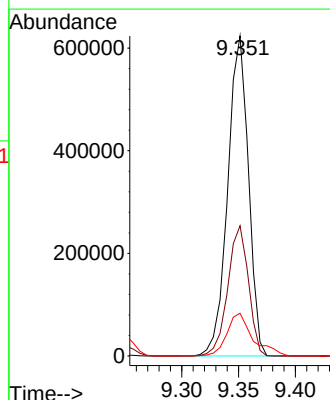
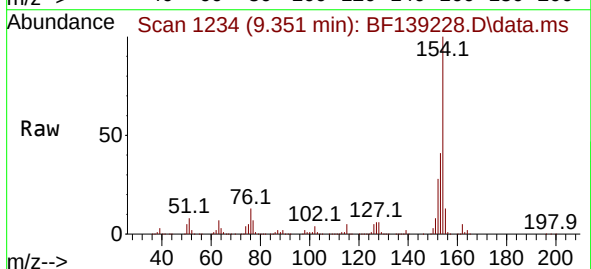
APPROVED

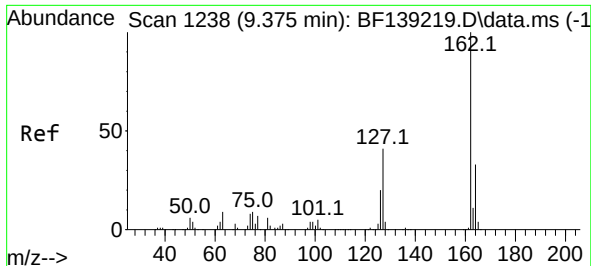
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#46
1,1'-Biphenyl
Concen: 39.169 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:154 Resp: 789643
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 41.710 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

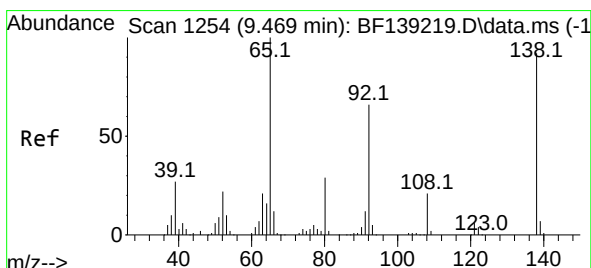
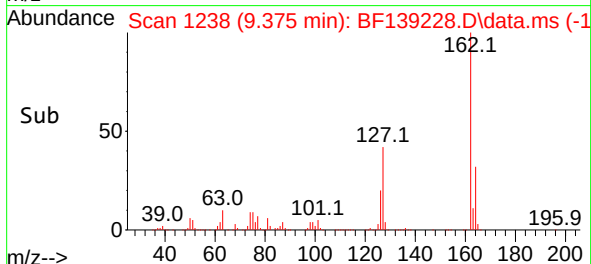
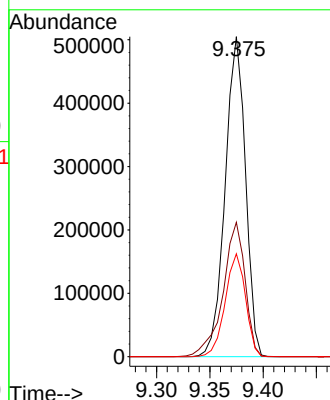
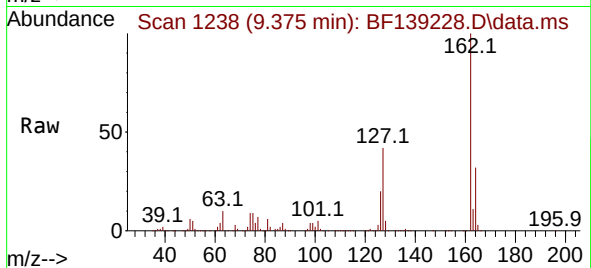
Tgt Ion:162 Resp: 667470

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.0	49.4
164	32.2	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#48

2-Nitroaniline

Concen: 47.992 ng

RT: 9.469 min Scan# 1254

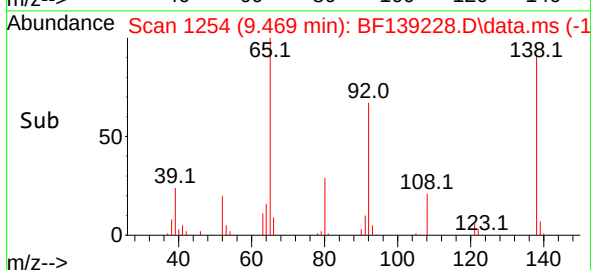
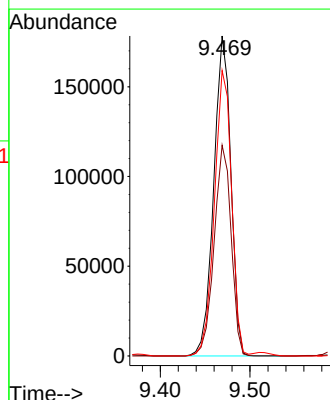
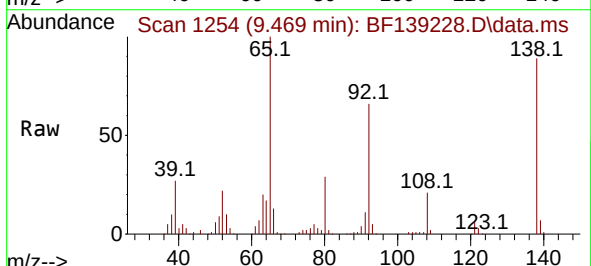
Delta R.T. 0.000 min

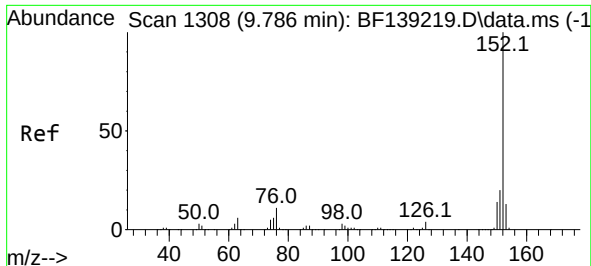
Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion: 65 Resp: 236491

Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.7	79.1
138	89.2	73.4	110.0





#49

Acenaphthylene

Concen: 45.857 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

Tgt Ion:152 Resp: 1043119

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

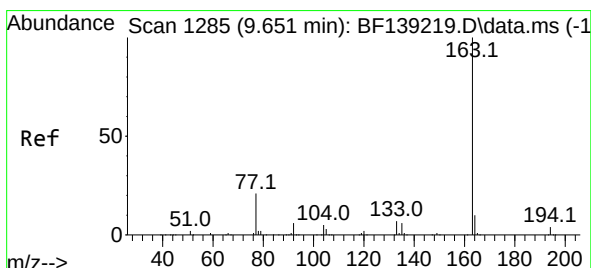
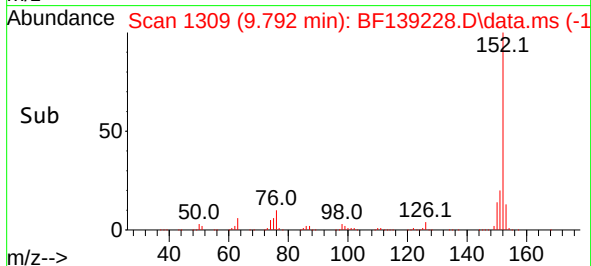
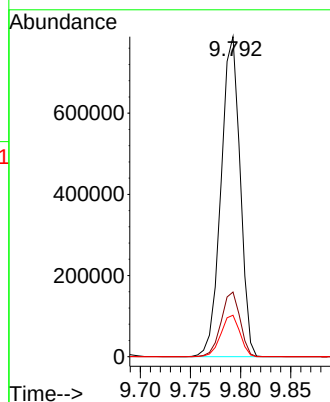
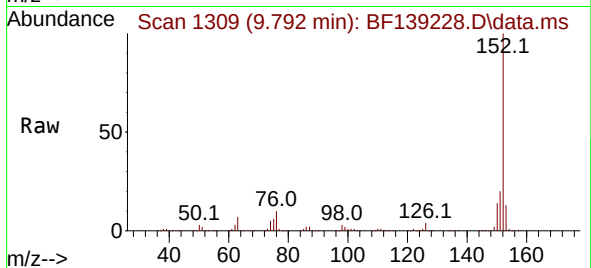
153 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#50

Dimethylphthalate

Concen: 44.520 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

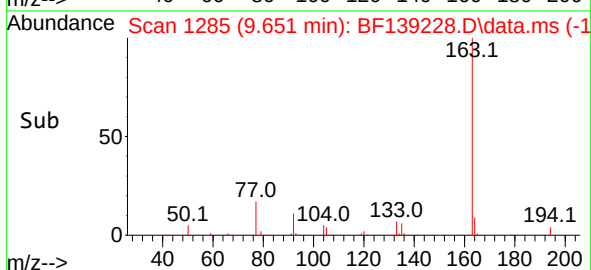
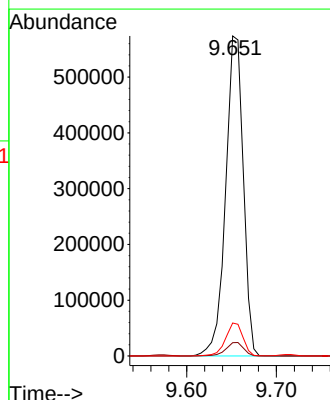
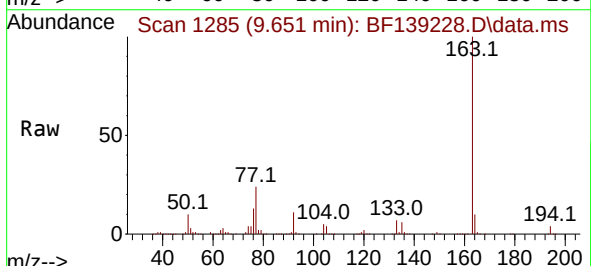
Tgt Ion:163 Resp: 784129

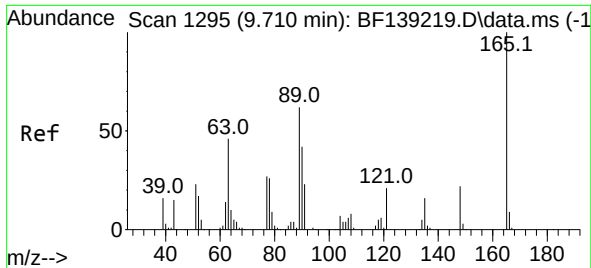
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.3 8.0 12.0





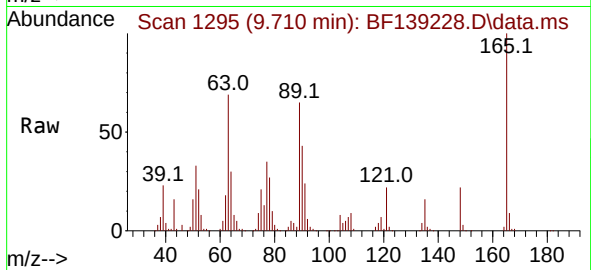
#51
2,6-Dinitrotoluene
Concen: 45.801 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

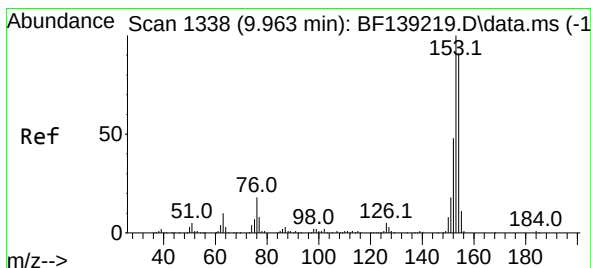
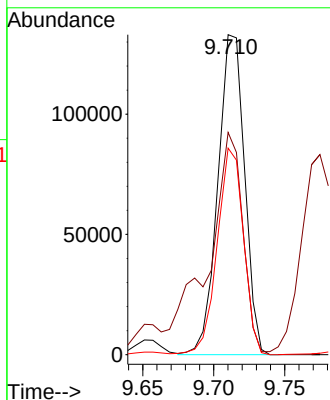
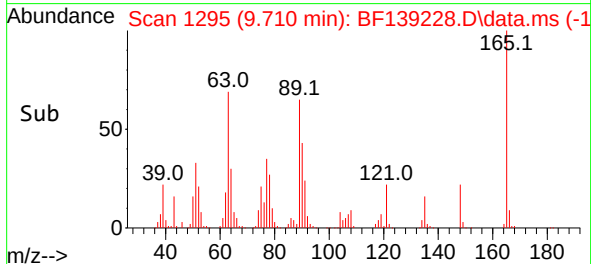


Tgt Ion:165 Resp: 17434
Ion Ratio Lower Upper
165 100
63 69.4 52.1 78.1
89 64.5 49.7 74.5

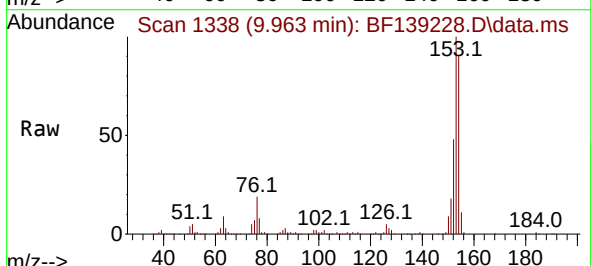
Manual Integrations

APPROVED

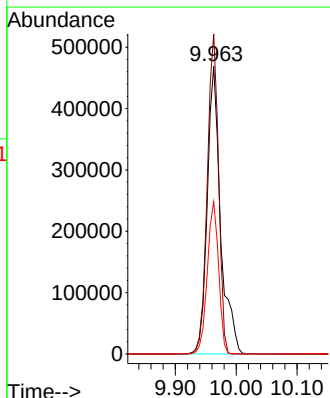
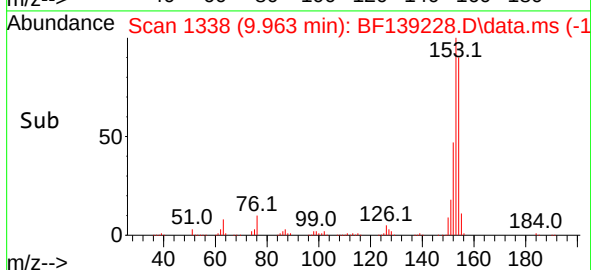
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

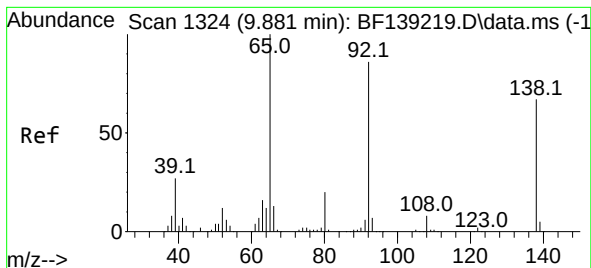


#52
Acenaphthene
Concen: 47.100 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:154 Resp: 715327
Ion Ratio Lower Upper
154 100
153 111.3 88.2 132.2
152 52.9 42.2 63.4





#53
3-Nitroaniline
Concen: 34.935 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

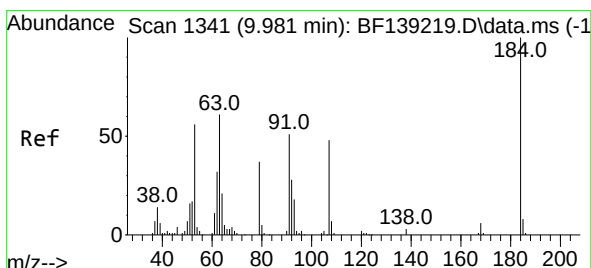
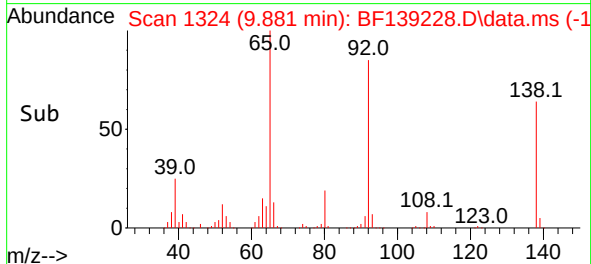
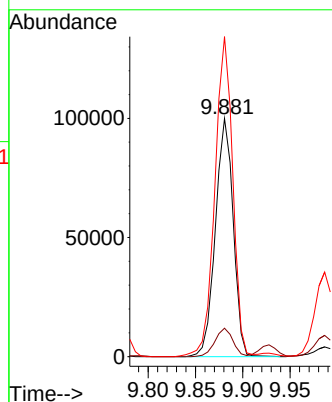
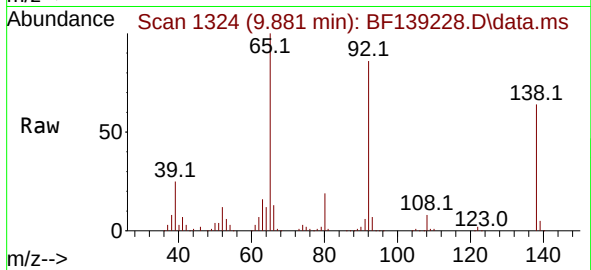
PB163089BS

Tgt Ion:138 Resp: 130999
Ion Ratio Lower Upper
138 100
108 11.9 9.4 14.0
92 134.3 102.0 153.0

Manual Integrations

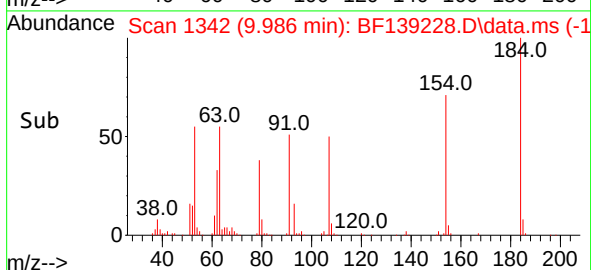
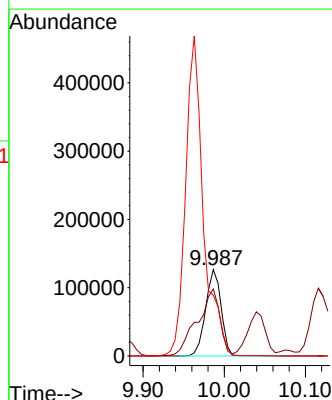
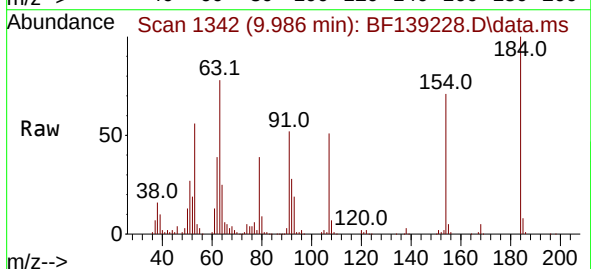
APPROVED

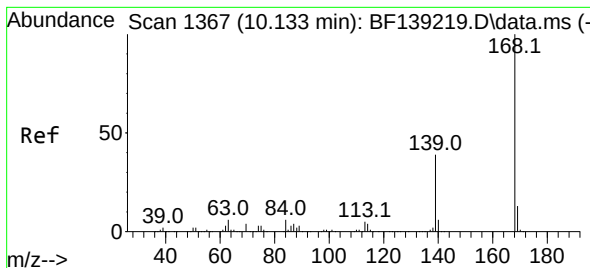
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#54
2,4-Dinitrophenol
Concen: 82.503 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

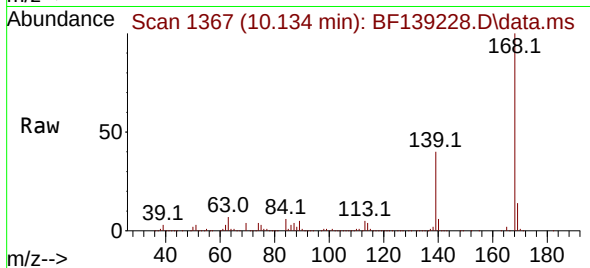
Tgt Ion:184 Resp: 167483
Ion Ratio Lower Upper
184 100
63 77.6 61.9 92.9
154 70.5 70.9 106.3





#55
Dibenzofuran
Concen: 43.304 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

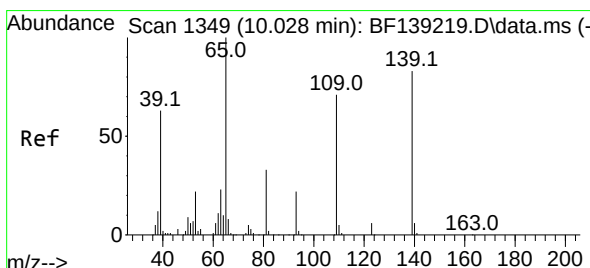
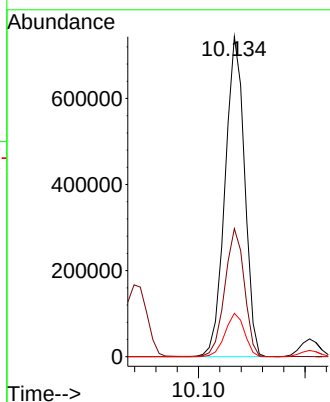
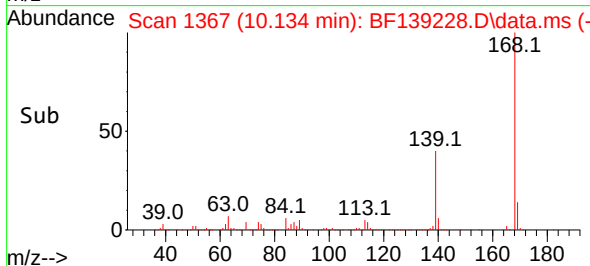
Instrument :
BNA_F
ClientSampleId :
PB163089BS



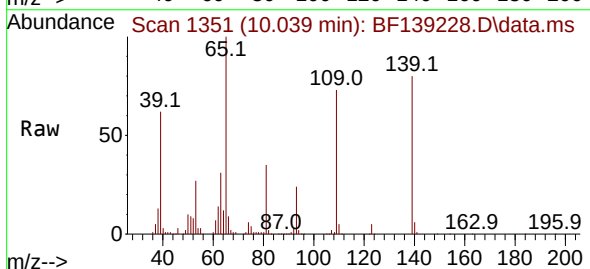
Tgt Ion:168 Resp: 947308
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.5 10.6 16.0

Manual Integrations
APPROVED

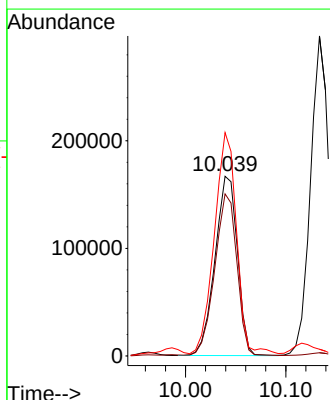
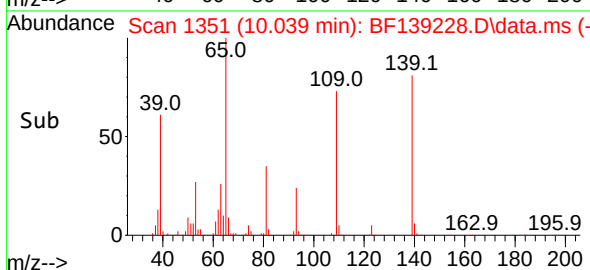
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

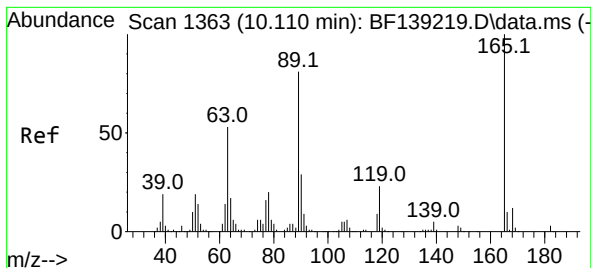


#56
4-Nitrophenol
Concen: 90.543 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:139 Resp: 259598
Ion Ratio Lower Upper
139 100
109 90.2 65.8 105.8
65 124.3 101.4 141.4





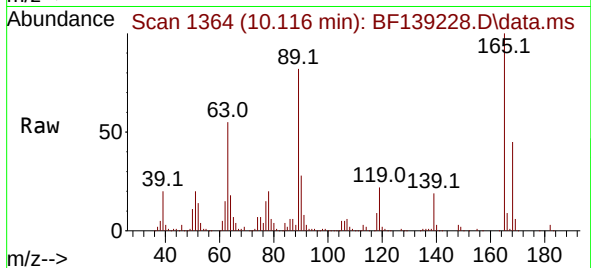
#57
2,4-Dinitrotoluene
Concen: 48.368 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

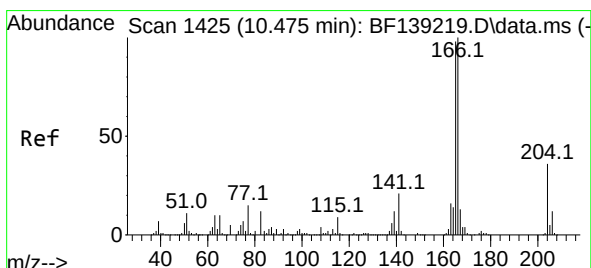
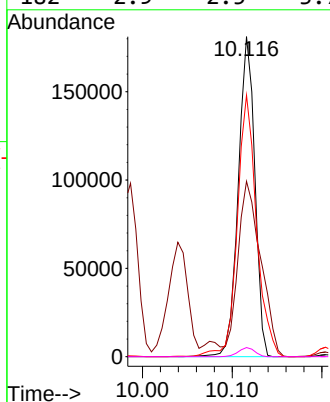
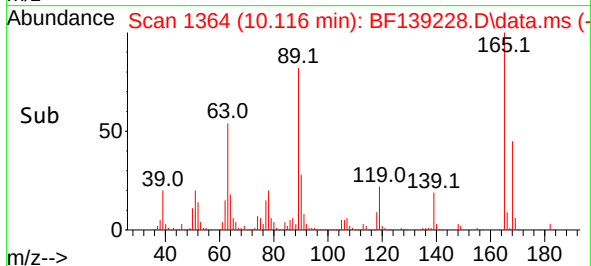


Tgt Ion:165 Resp: 231930
Ion Ratio Lower Upper
165 100
63 54.8 42.2 63.4
89 81.7 64.7 97.1
182 2.9 2.5 3.7

Manual Integrations

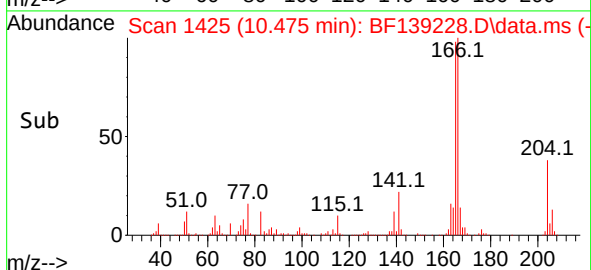
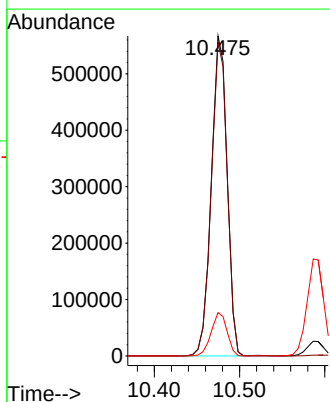
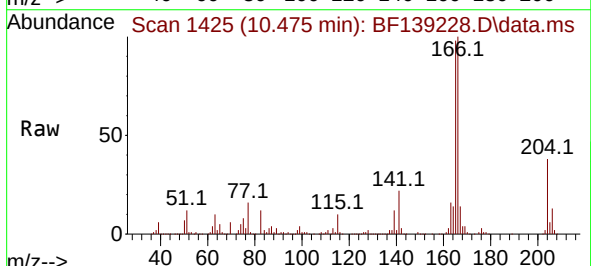
APPROVED

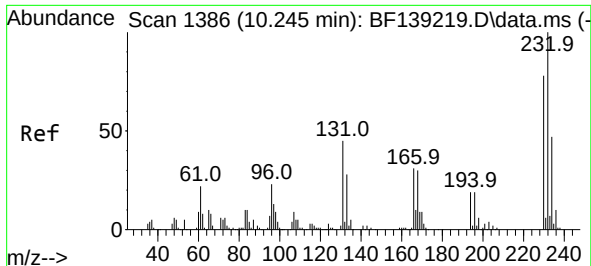
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#58
Fluorene
Concen: 42.391 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:166 Resp: 733852
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.5 10.7 16.1





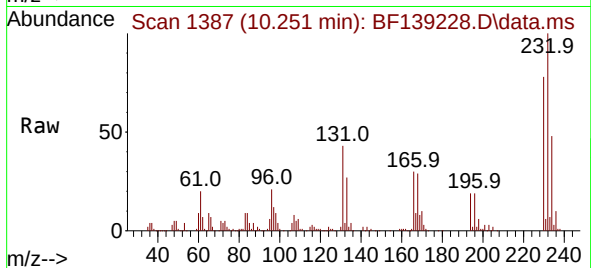
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.217 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

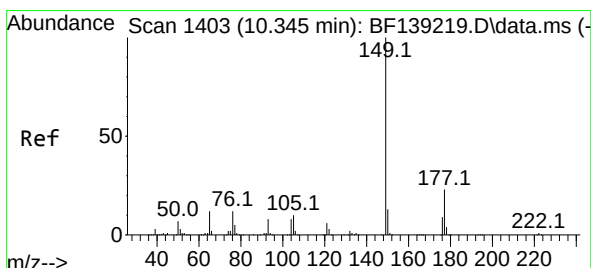
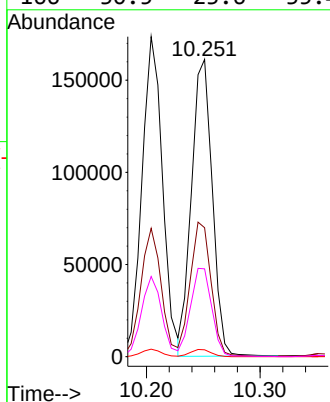
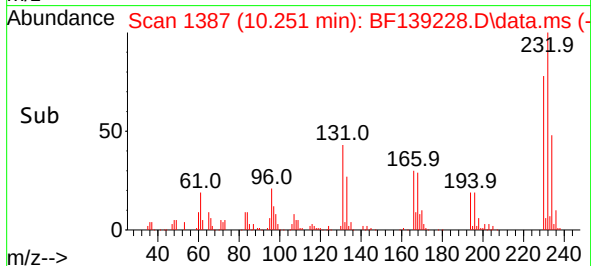


Tgt Ion:232 Resp: 205190
Ion Ratio Lower Upper
232 100
131 45.6 34.6 52.0
130 2.4 1.8 2.8
166 30.5 23.6 35.4

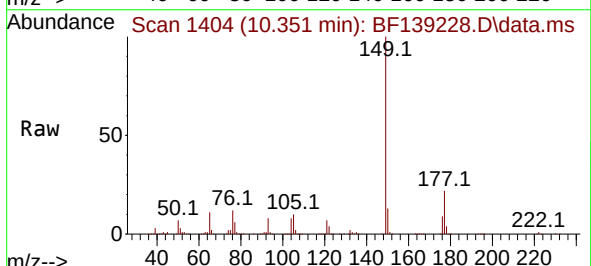
Manual Integrations

APPROVED

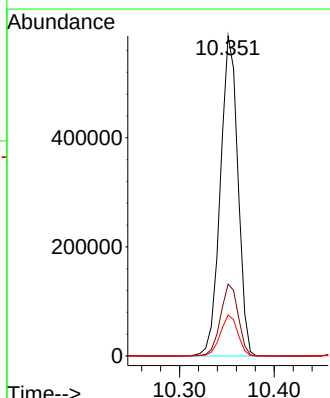
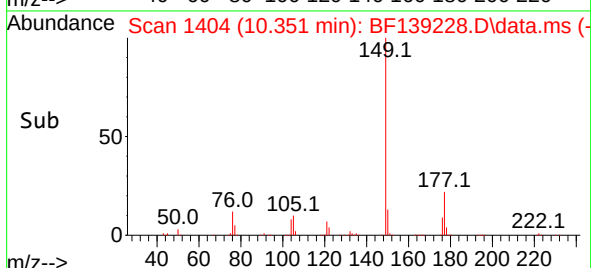
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

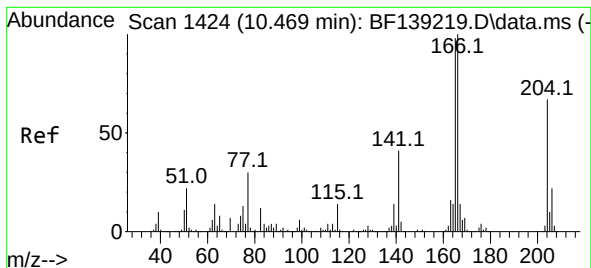


#60
Diethylphthalate
Concen: 44.932 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:149 Resp: 756390
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.8 10.1 15.1





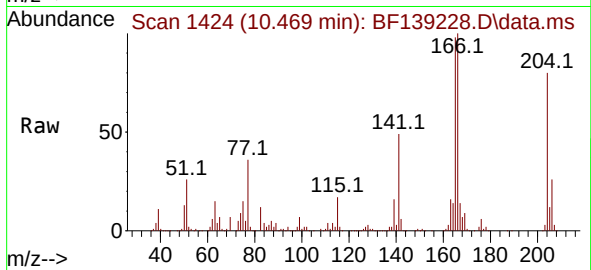
#61
4-Chlorophenyl-phenylether
Concen: 42.768 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

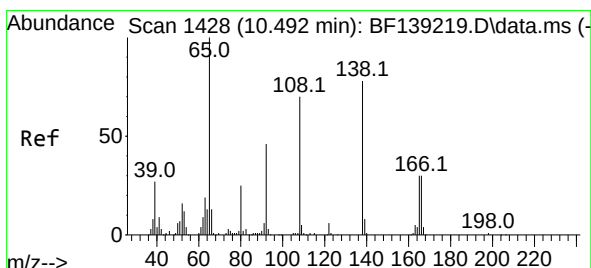
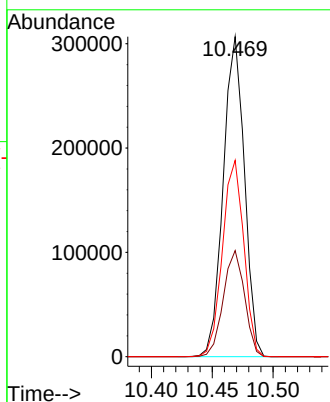
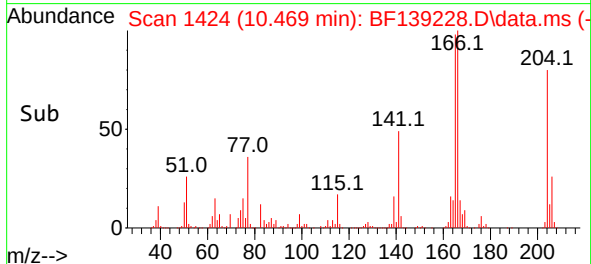


Tgt Ion:204 Resp: 371490
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 61.4 49.1 73.7

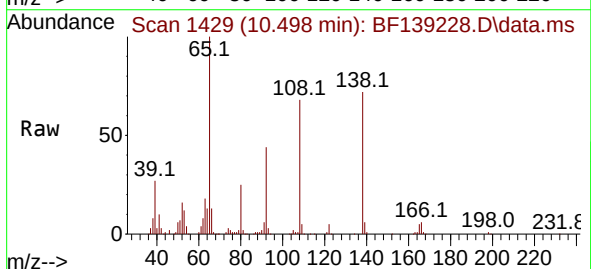
Manual Integrations

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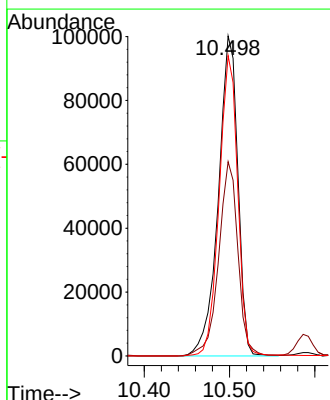
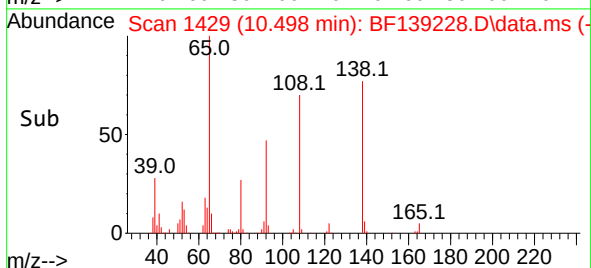
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

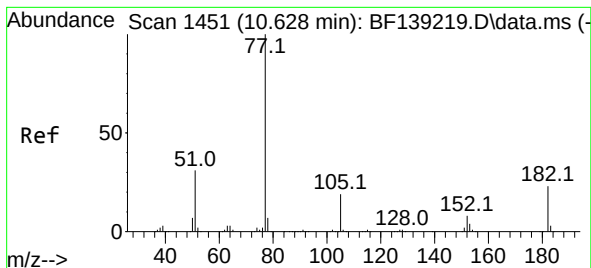


#62
4-Nitroaniline
Concen: 43.378 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:138 Resp: 159718
Ion Ratio Lower Upper
138 100
92 60.7 38.5 78.5
108 93.8 69.5 109.5





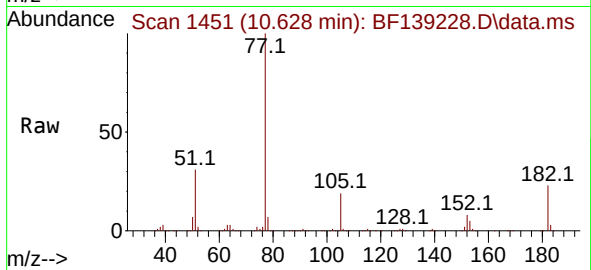
#63
Azobenzene
Concen: 44.826 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

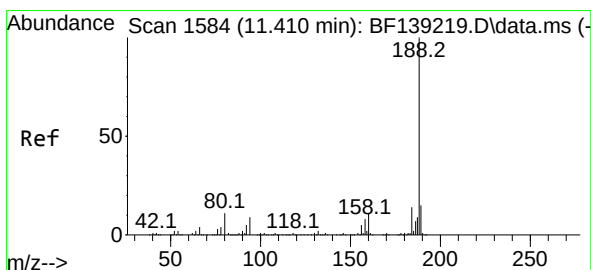
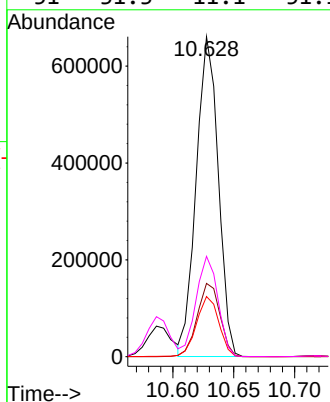
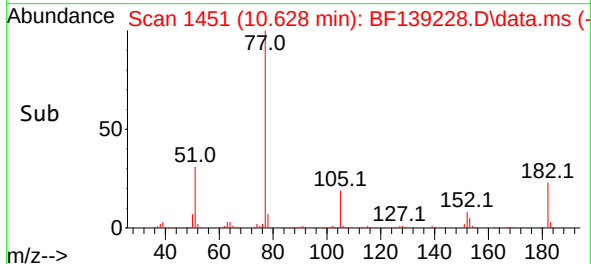


Tgt Ion: 77 Resp: 83174
Ion Ratio Lower Upper
77 100
182 22.9 3.2 43.2
105 18.8 0.0 38.8
51 31.3 11.1 51.1

Manual Integrations

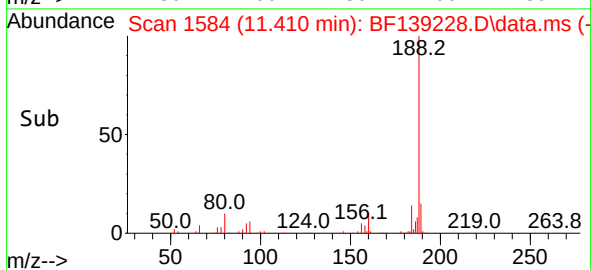
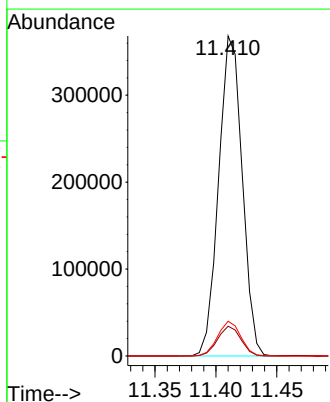
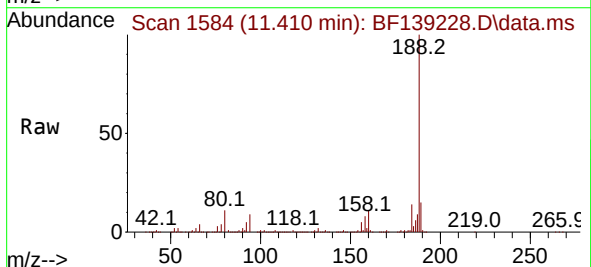
APPROVED

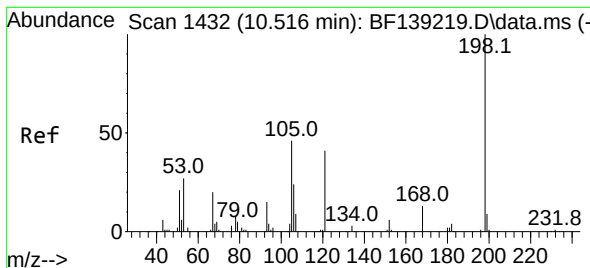
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

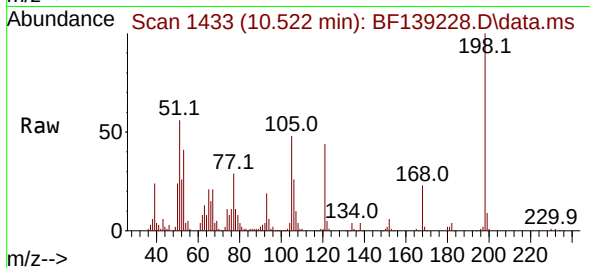
Tgt Ion:188 Resp: 495061
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.769 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

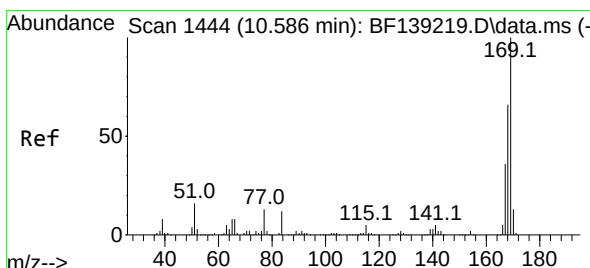
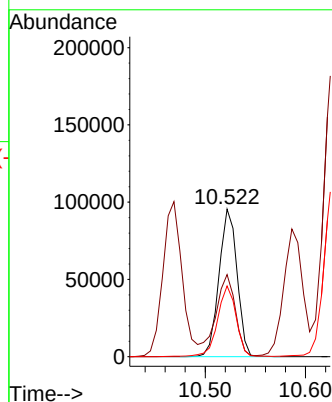
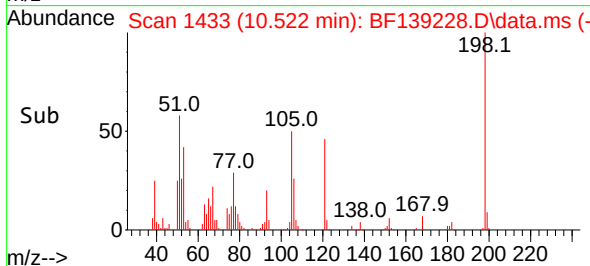
Instrument :
BNA_F
ClientSampleId :
PB163089BS



Tgt Ion:198 Resp: 11926
Ion Ratio Lower Upper
198 100
51 55.6 34.4 74.4
105 47.9 27.1 67.1

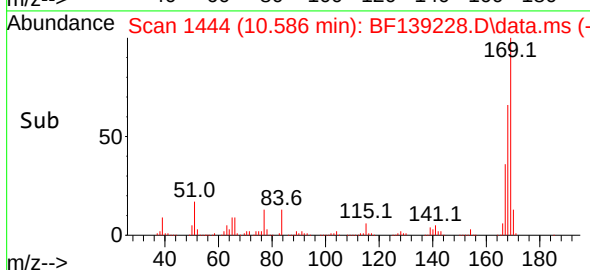
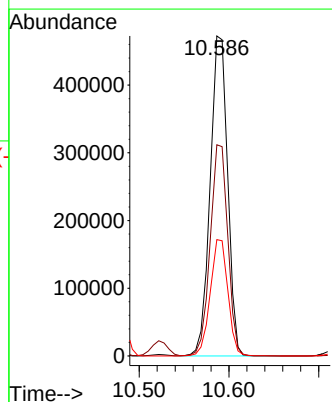
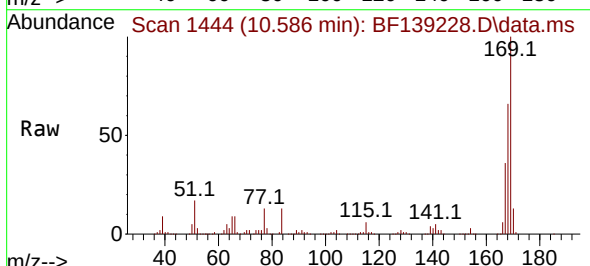
Manual Integrations
APPROVED

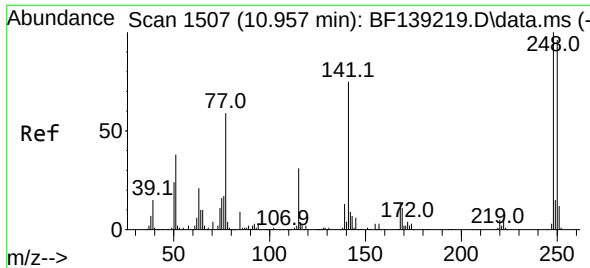
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#66
n-Nitrosodiphenylamine
Concen: 43.357 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:169 Resp: 637510
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 43.126 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

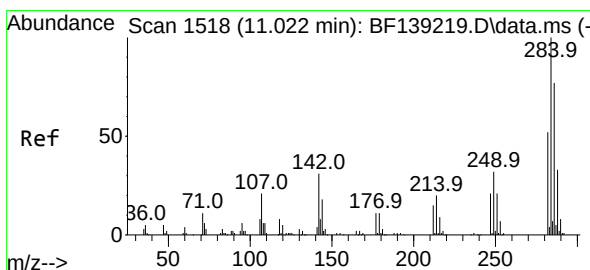
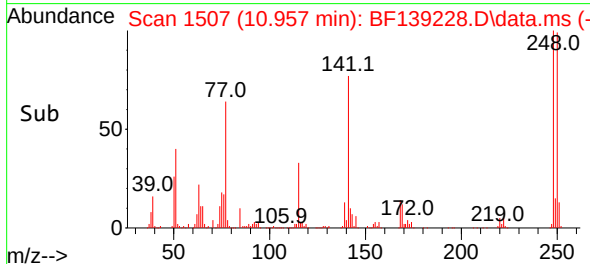
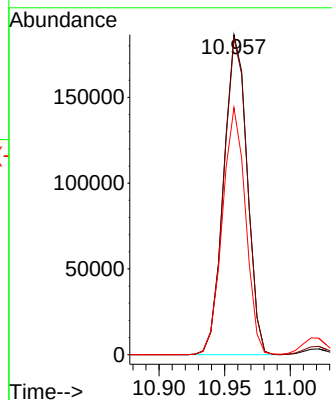
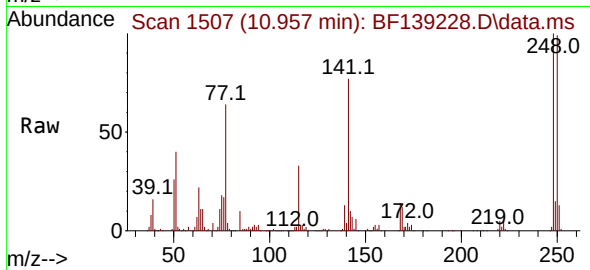
PB163089BS

Tgt Ion:248 Resp: 232035
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 77.2 60.0 90.0

Manual Integrations

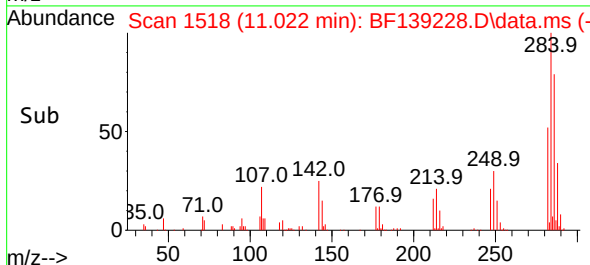
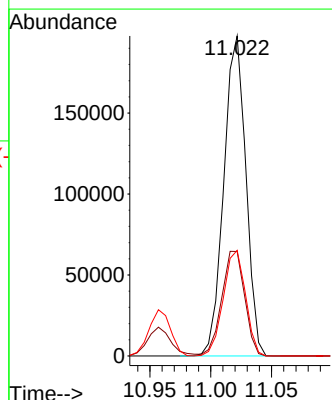
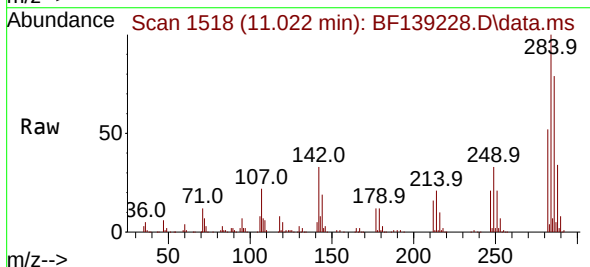
APPROVED

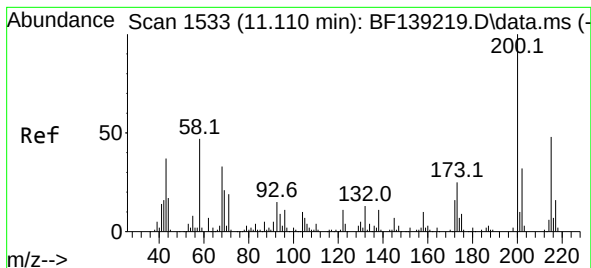
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#68
Hexachlorobenzene
Concen: 42.375 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:284 Resp: 249367
Ion Ratio Lower Upper
284 100
142 32.7 24.7 37.1
249 33.0 25.8 38.6





#69

Atrazine

Concen: 43.027 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

Tgt Ion:200 Resp: 157358

Ion Ratio Lower Upper

200 100

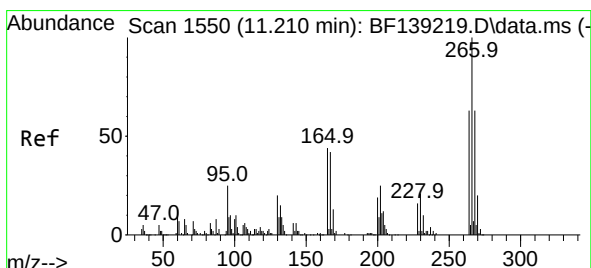
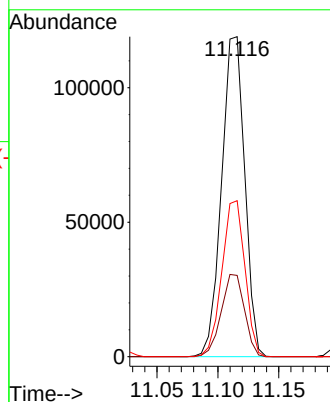
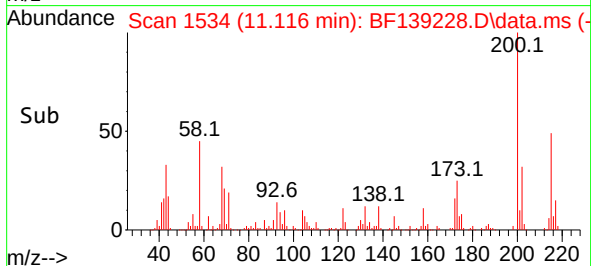
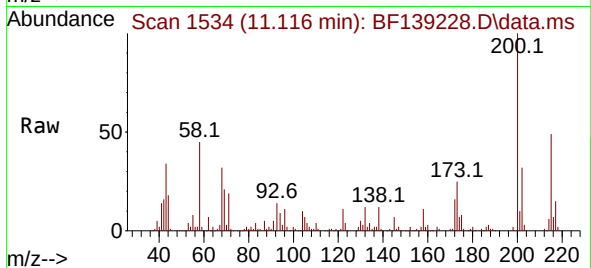
173 25.4 4.7 44.7

215 48.7 28.1 68.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#70

Pentachlorophenol

Concen: 81.539 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

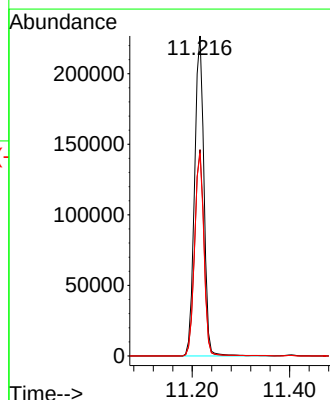
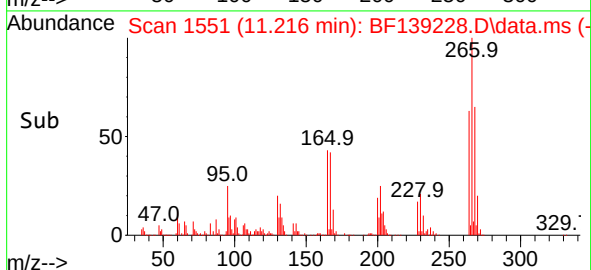
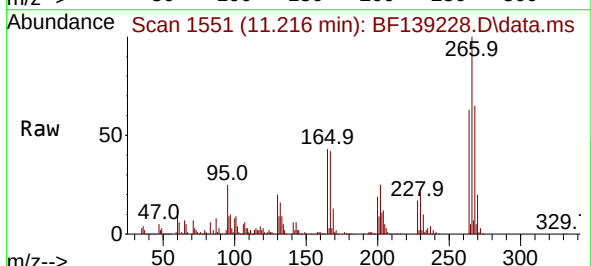
Tgt Ion:266 Resp: 303622

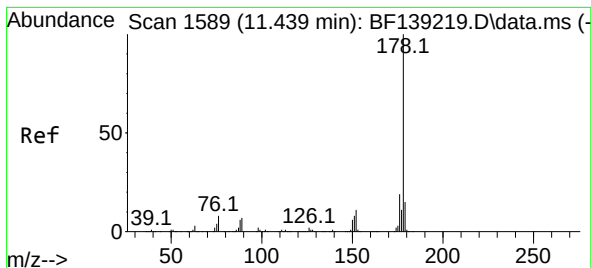
Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

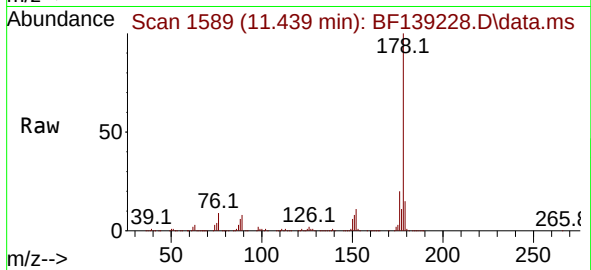
264 63.3 50.2 75.4





#71
Phenanthrene
Concen: 43.578 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

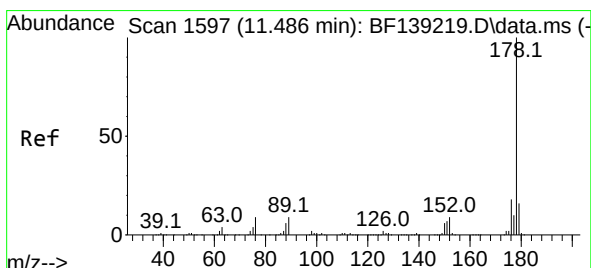
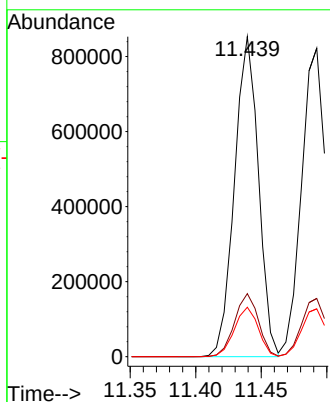
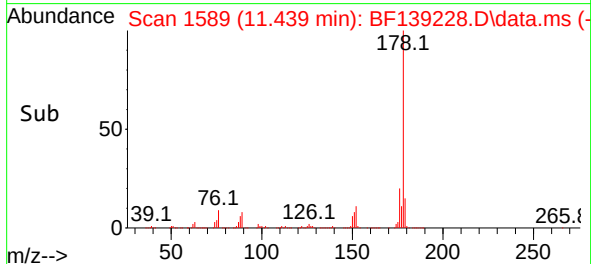
Instrument :
BNA_F
ClientSampleId :
PB163089BS



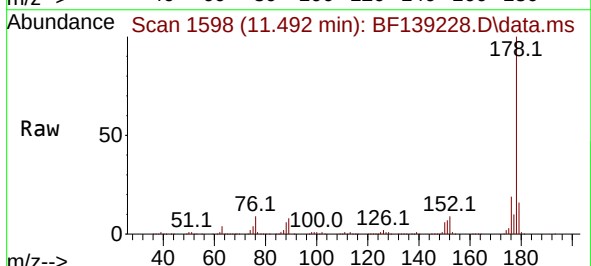
Tgt Ion:178 Resp: 1085110
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.5 12.3 18.5

Manual Integrations
APPROVED

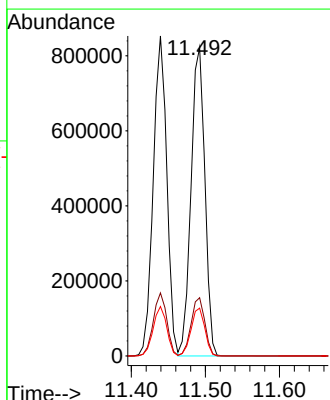
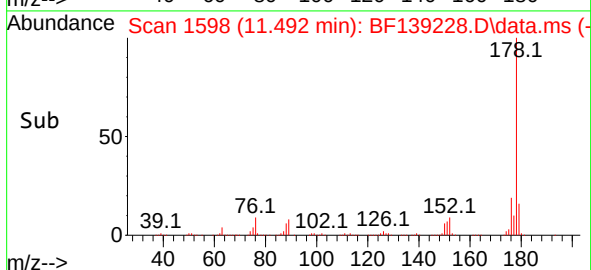
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

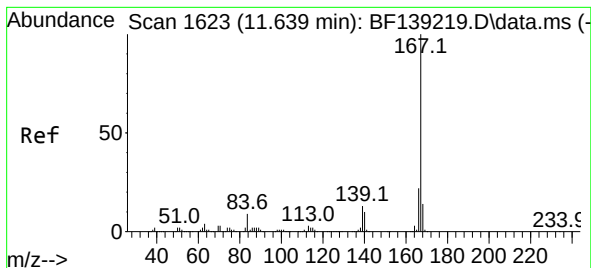


#72
Anthracene
Concen: 43.784 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:178 Resp: 1064220
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.665 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

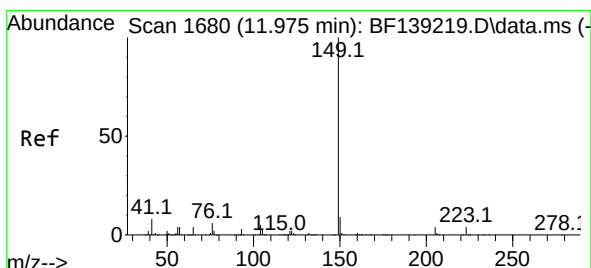
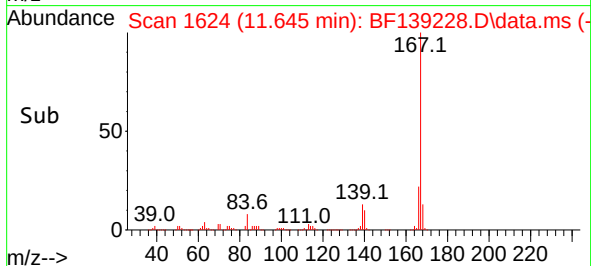
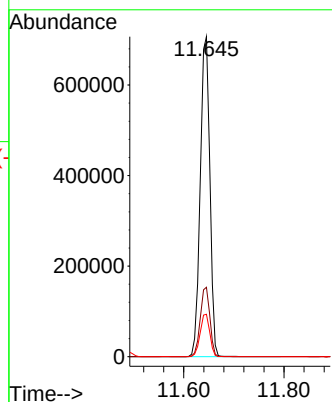
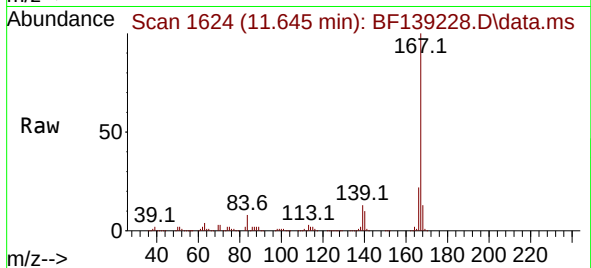
PB163089BS

Tgt Ion:167	Resp: 936390
Ion Ratio	Lower Upper
167 100	
166 21.7	17.3 25.9
139 13.3	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#74

Di-n-butylphthalate

Concen: 47.291 ng

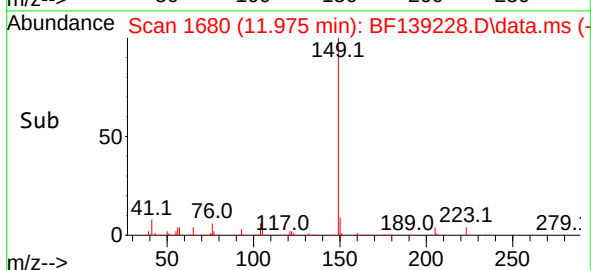
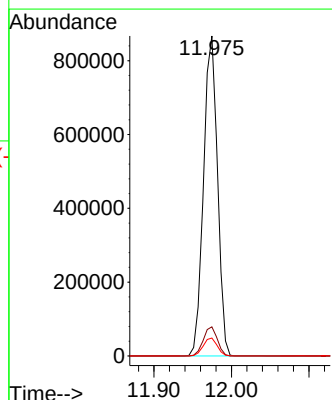
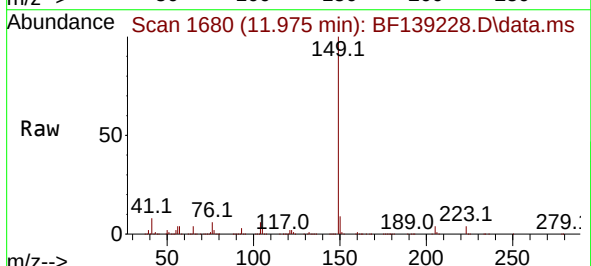
RT: 11.975 min Scan# 1680

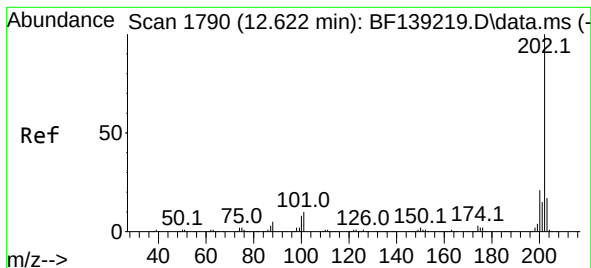
Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

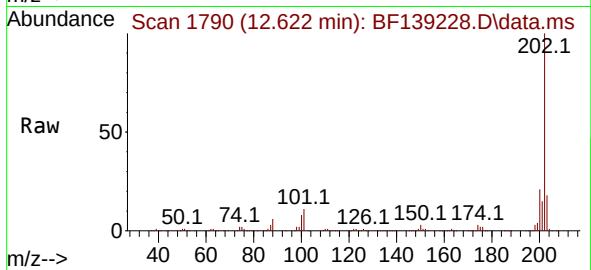
Tgt Ion:149	Resp: 1084302		
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.6	4.2	6.2





#75
Fluoranthene
Concen: 43.016 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

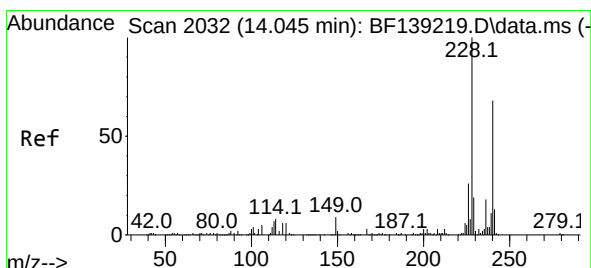
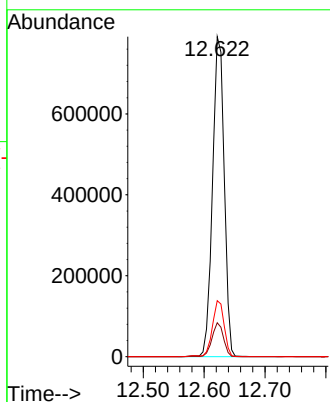
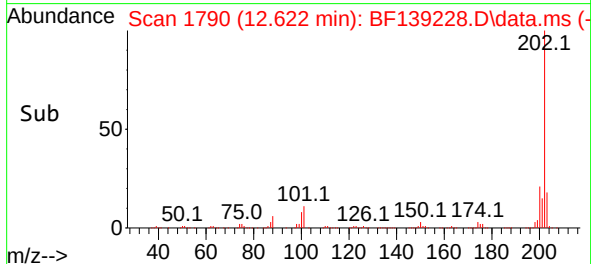
Instrument :
BNA_F
ClientSampleId :
PB163089BS



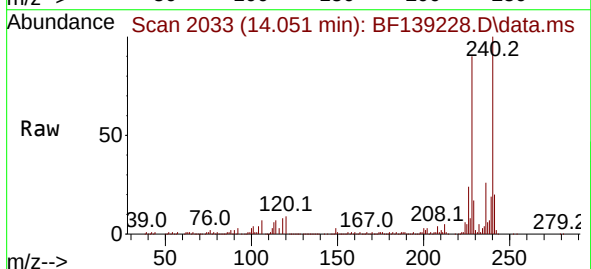
Tgt Ion:202 Resp: 1054510
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.5 0.0 37.4

Manual Integrations
APPROVED

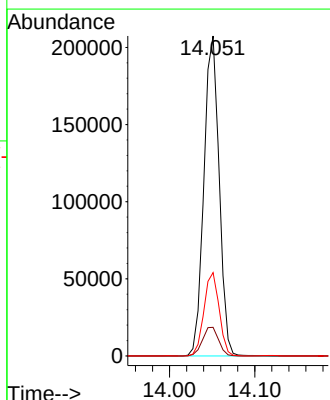
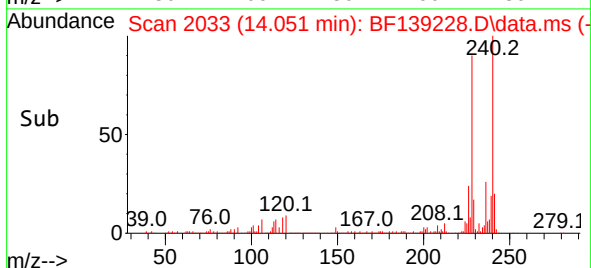
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

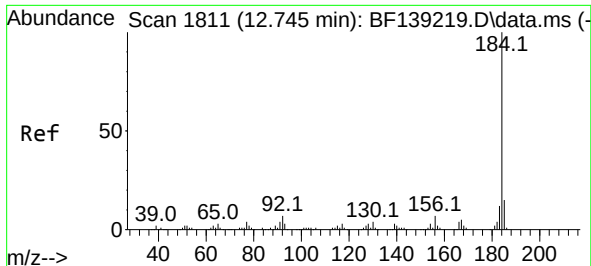


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



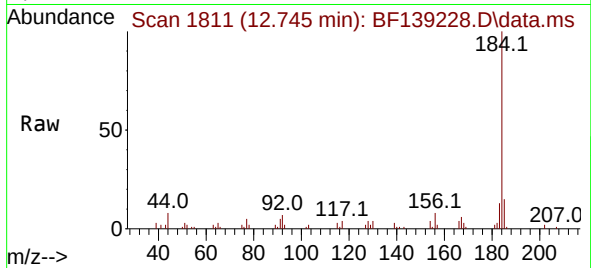
Tgt Ion:240 Resp: 257821
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 4.249 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

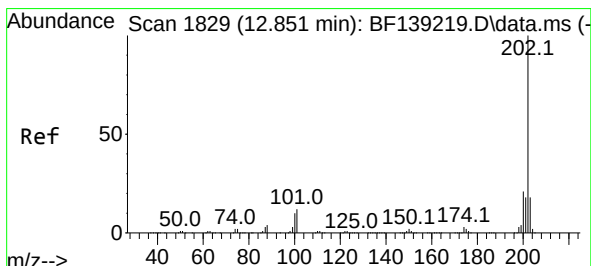
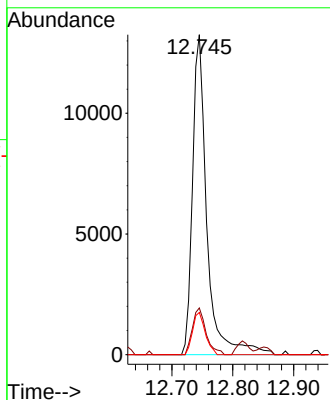
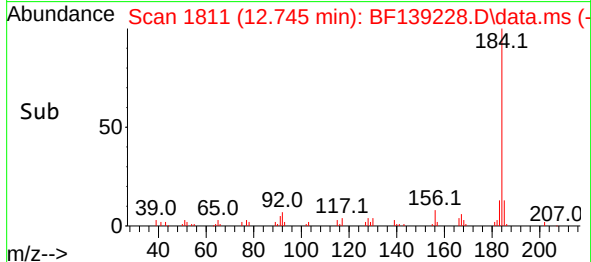
Instrument :
BNA_F
ClientSampleId :
PB163089BS



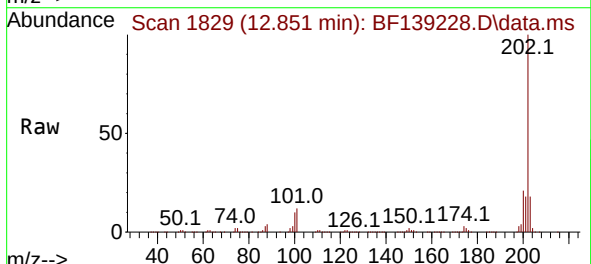
Tgt Ion:184 Resp: 21648
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 13.2 9.5 14.3

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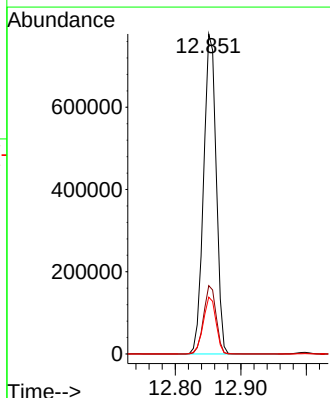
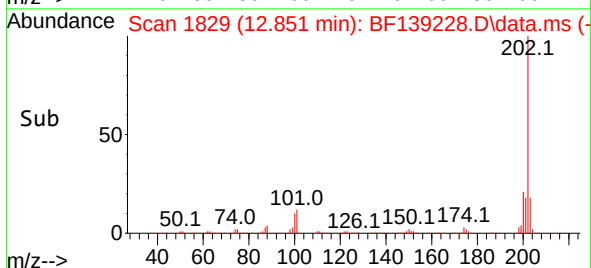
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

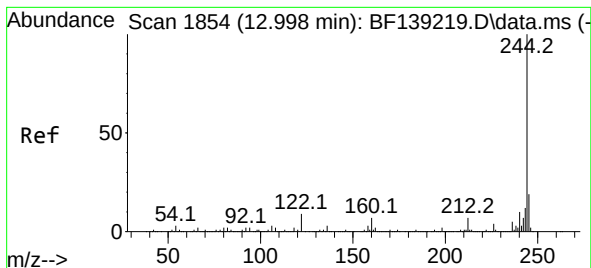


#78
Pyrene
Concen: 42.136 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:202 Resp: 1043943
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 84.229 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139228.D

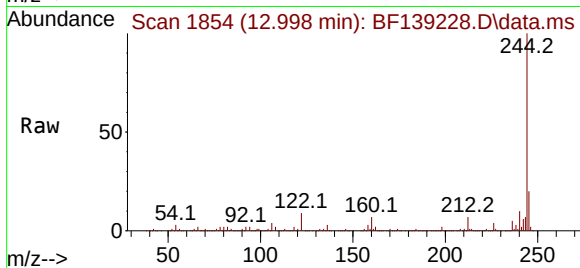
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS



Tgt Ion:244 Resp: 1506539

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

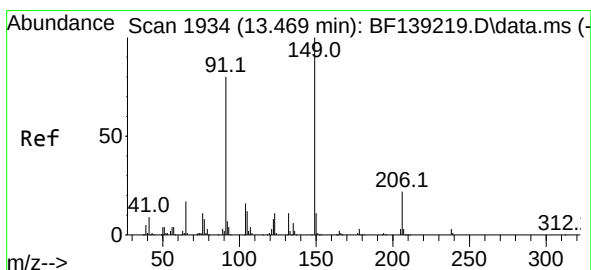
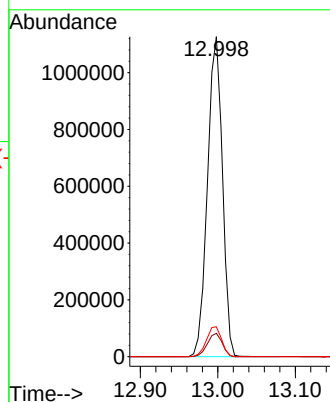
122 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#80

Butylbenzylphthalate

Concen: 53.456 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

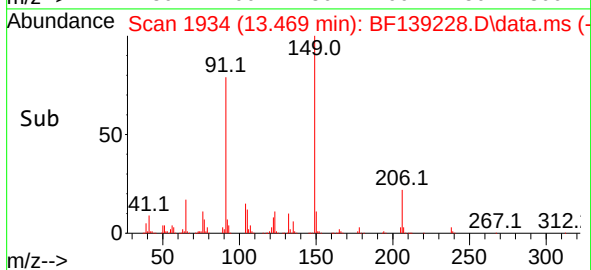
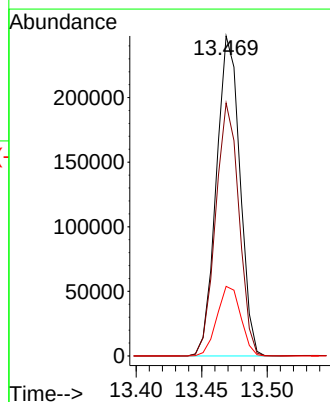
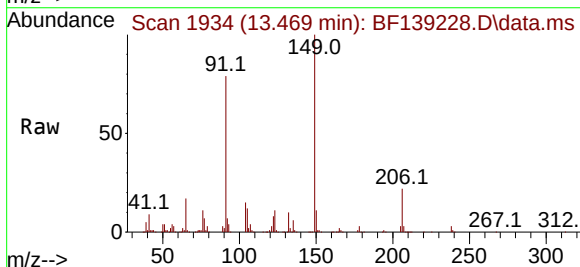
Tgt Ion:149 Resp: 308639

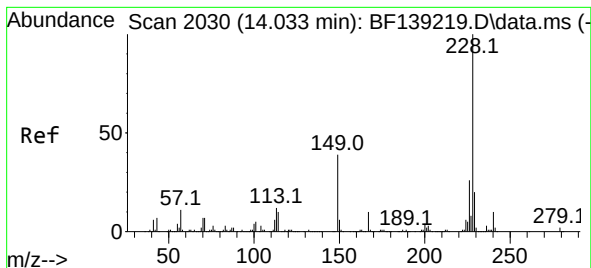
Ion Ratio Lower Upper

149 100

91 79.1 64.0 96.0

206 21.8 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.834 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139228.D

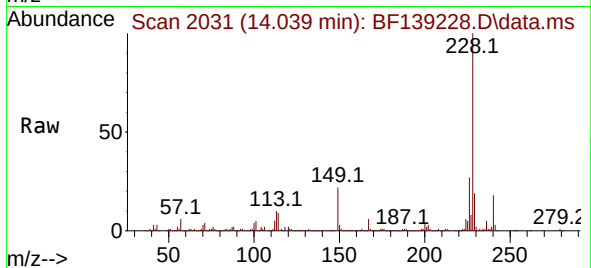
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS



Tgt Ion:228 Resp: 773930

Ion Ratio Lower Upper

228 100

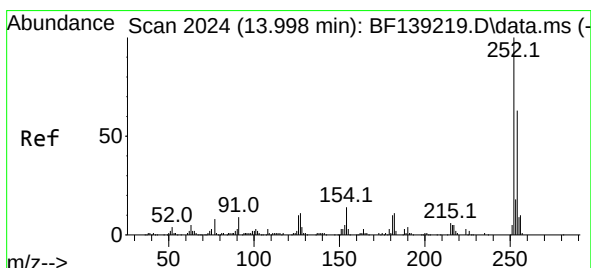
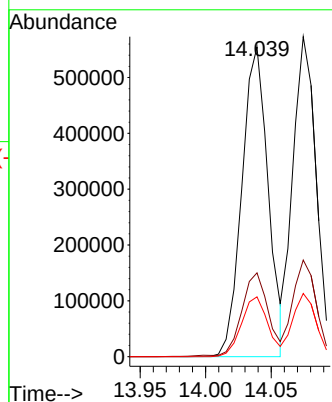
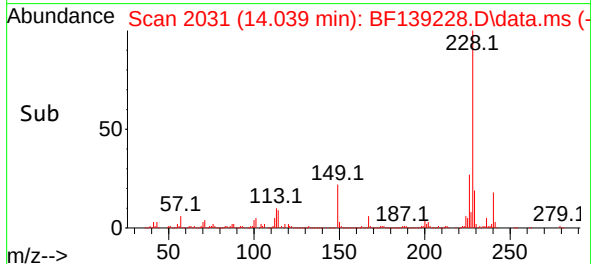
226 27.1 21.2 31.8

229 19.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.664 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

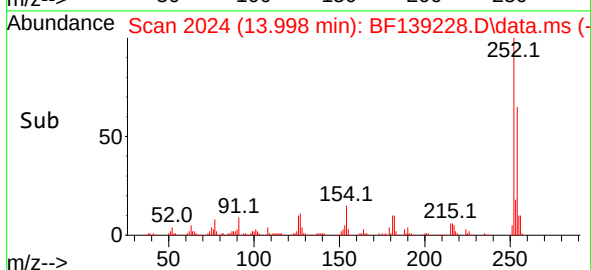
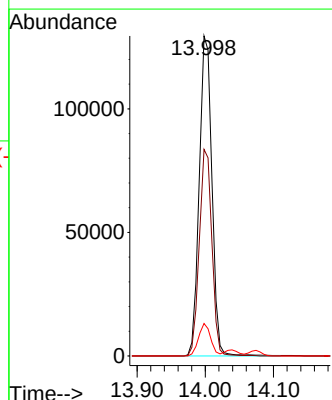
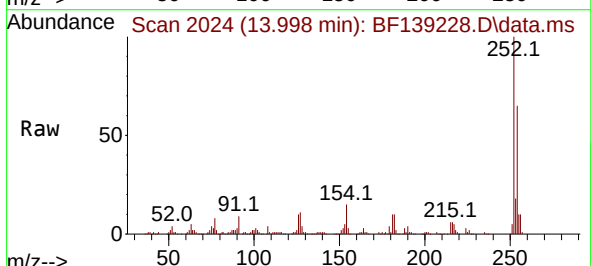
Tgt Ion:252 Resp: 166993

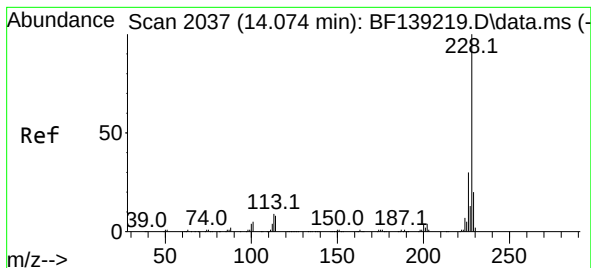
Ion Ratio Lower Upper

252 100

254 64.6 50.6 76.0

126 10.2 8.3 12.5





#83

Chrysene

Concen: 44.863 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

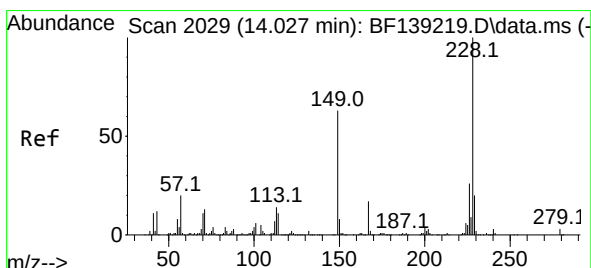
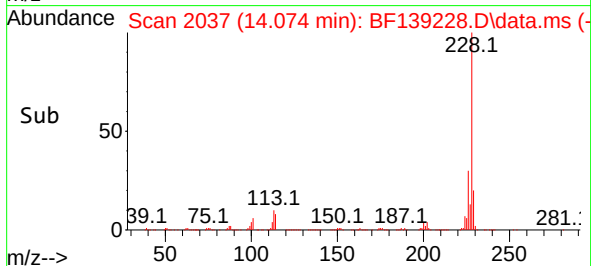
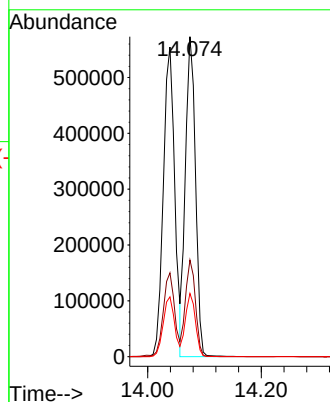
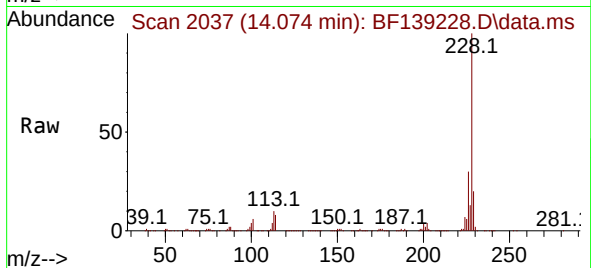
PB163089BS

Tgt Ion:228	Resp: 70513
Ion Ratio	Lower Upper
228 100	
226 30.2	24.1 36.1
229 19.7	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.225 ng

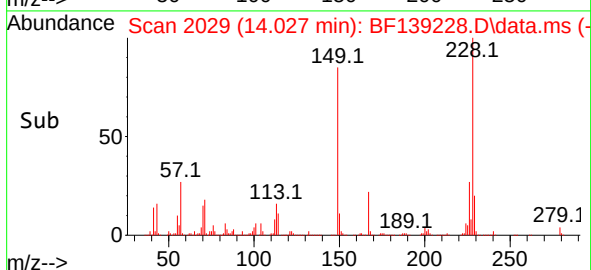
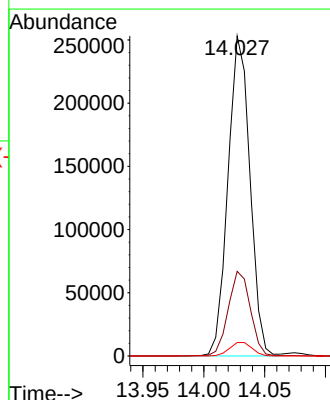
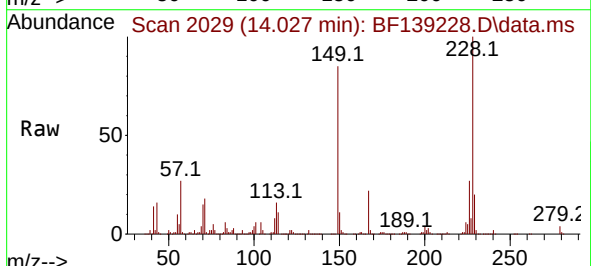
RT: 14.027 min Scan# 2029

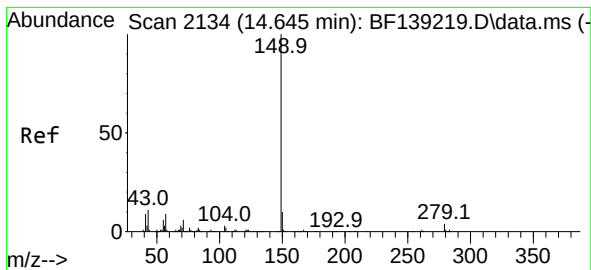
Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:149	Resp: 318180
Ion Ratio	Lower Upper
149 100	
167 26.5	21.0 31.6
279 4.2	3.4 5.2





#85
Di-n-octyl phthalate
Concen: 47.148 ng
RT: 14.645 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

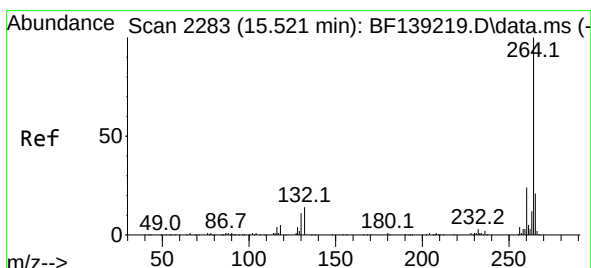
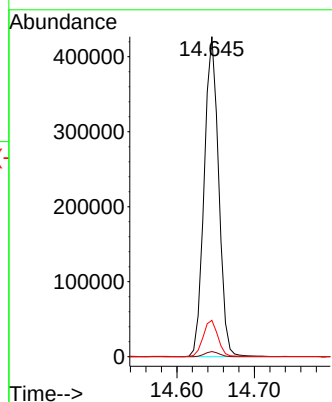
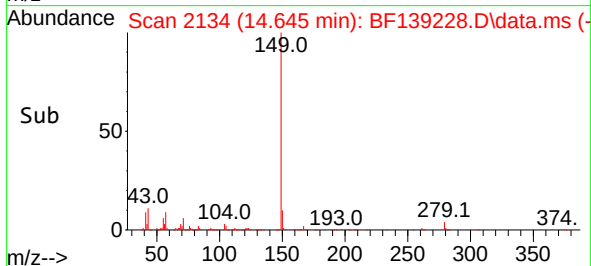
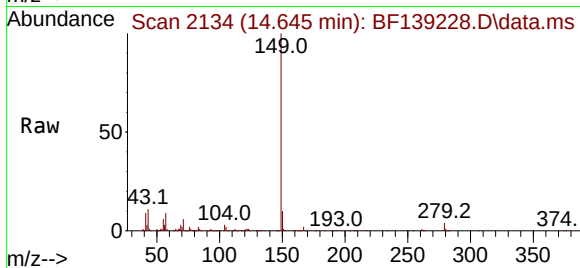
PB163089BS

Tgt Ion:149 Resp: 55391
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.6 9.2 13.8

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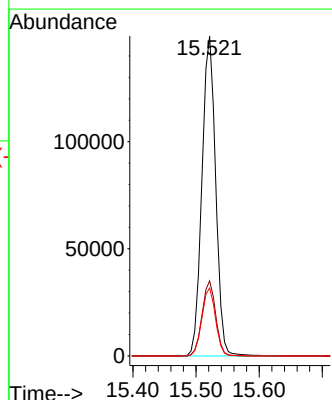
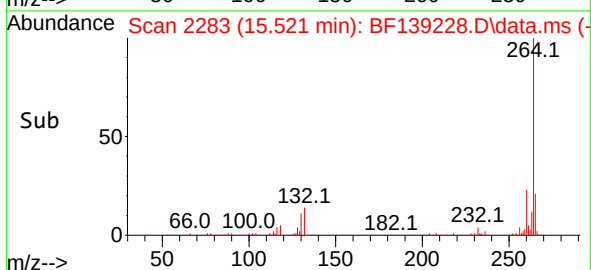
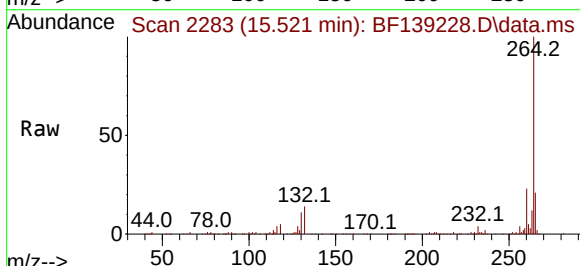
APPROVED

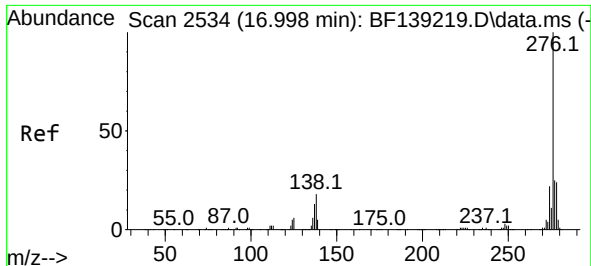
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:264 Resp: 225348
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.3 16.9 25.3





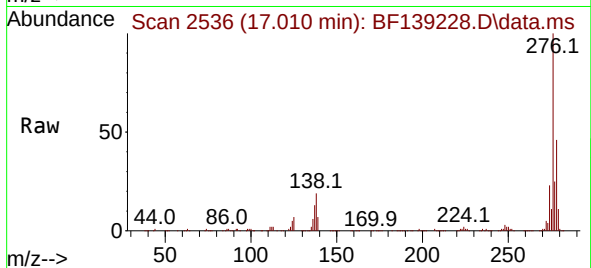
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.990 ng
RT: 17.010 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

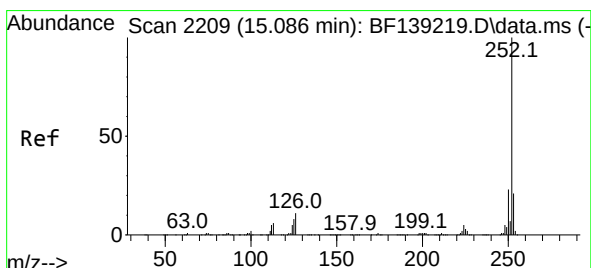
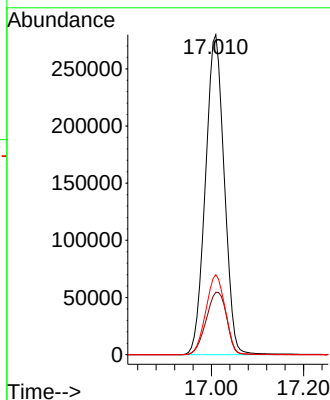
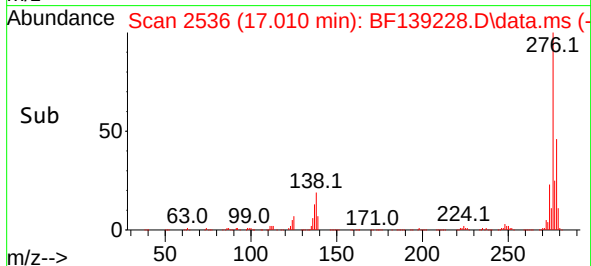


Tgt Ion:276 Resp: 794288
Ion Ratio Lower Upper
276 100
138 21.4 17.0 25.6
277 25.7 20.6 31.0

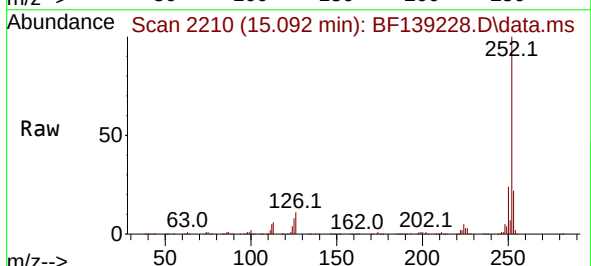
Manual Integrations

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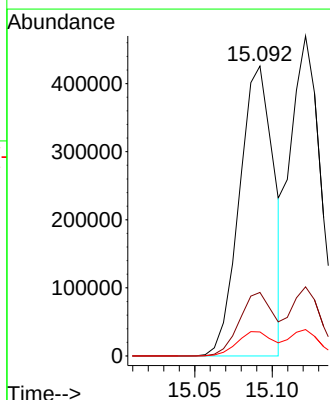
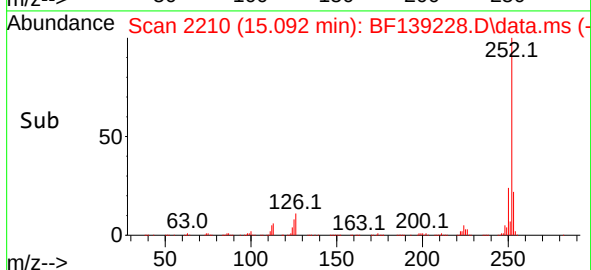
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

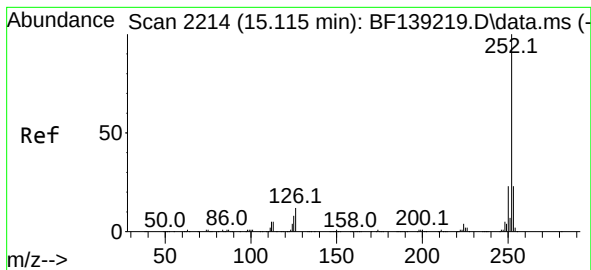


#88
Benzo(b)fluoranthene
Concen: 48.647 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23



Tgt Ion:252 Resp: 656594
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.3 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 54.102 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

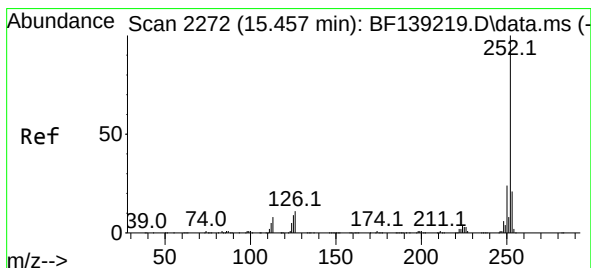
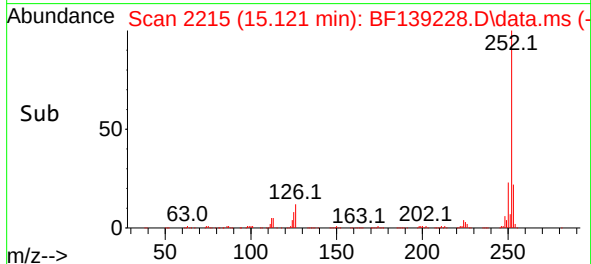
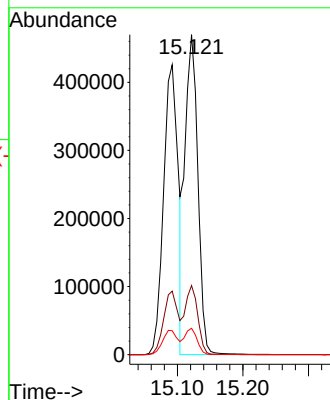
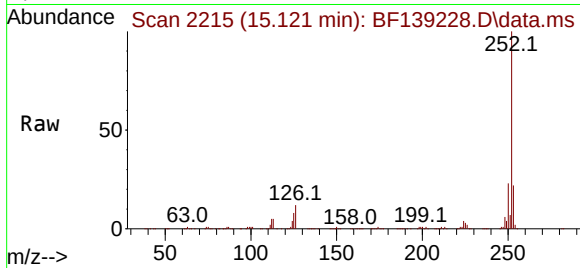
Tgt Ion:252 Resp: 636744

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.2	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#90

Benzo(a)pyrene

Concen: 53.609 ng

RT: 15.463 min Scan# 2273

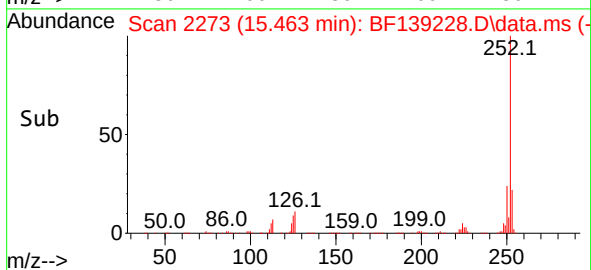
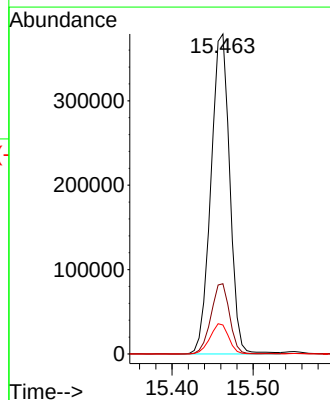
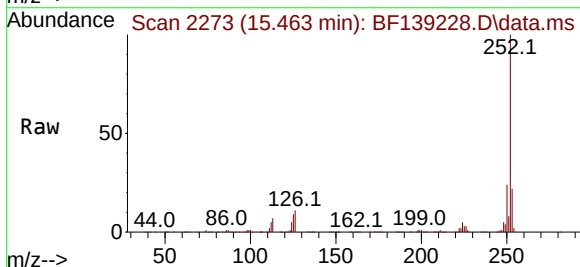
Delta R.T. 0.006 min

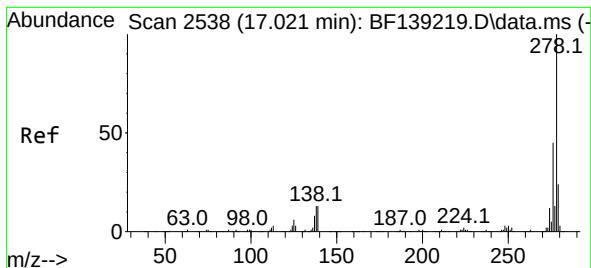
Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:252 Resp: 610104

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.1	7.4	11.2





#91

Dibenzo(a,h)anthracene

Concen: 50.130 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

Tgt Ion:278 Resp: 66283

Ion Ratio Lower Upper

278 100

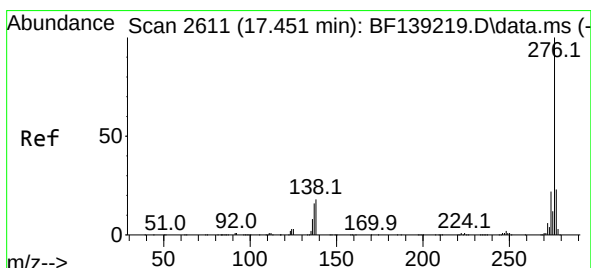
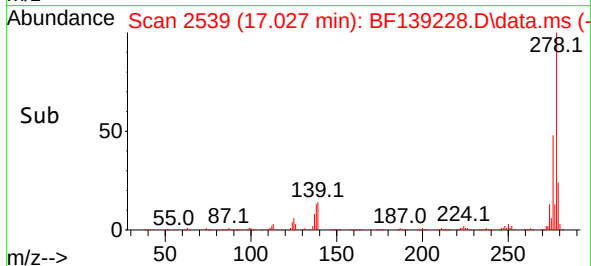
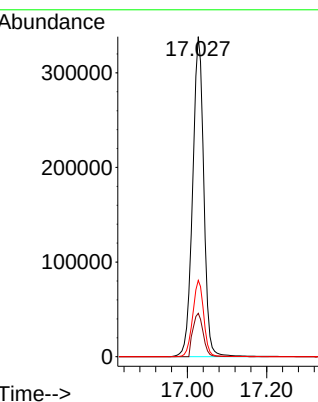
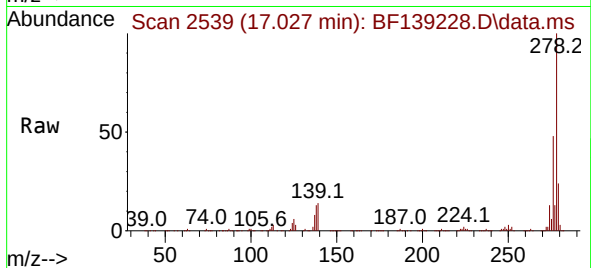
139 13.5 10.8 16.2

279 23.8 19.0 28.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#92

Benzo(g,h,i)perylene

Concen: 46.826 ng

RT: 17.457 min Scan# 2612

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:276 Resp: 624021

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 18.4 14.5 21.7

