

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139944.D
 Acq On : 22 Oct 2024 22:46
 Operator : RC/JU
 Sample : P4431-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 01:14:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	142085	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	509979	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	232282	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353031	20.000	ng	0.00
76) Chrysene-d12	14.057	240	304375	20.000	ng	0.00
86) Perylene-d12	15.533	264	262279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	967367	106.584	ng	0.01
7) Phenol-d6	6.510	99	1196645	101.799	ng	0.00
23) Nitrobenzene-d5	7.451	82	762620	82.880	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	235094	108.204	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1233039	87.731	ng	0.00
79) Terphenyl-d14	12.998	244	1182763	63.320	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	173458	40.990	ng	95
3) Pyridine	3.499	79	434423	41.417	ng	97
4) n-Nitrosodimethylamine	3.446	42	242965	43.113	ng	98
6) Aniline	6.551	93	217141	19.820	ng	99
8) 2-Chlorophenol	6.675	128	433164	46.685	ng	97
9) Benzaldehyde	6.440	77	101234	15.309	ng	96
10) Phenol	6.528	94	537113m	44.321	ng	
11) bis(2-Chloroethyl)ether	6.628	93	432481	46.171	ng	98
12) 1,3-Dichlorobenzene	6.834	146	469638	44.094	ng	98
13) 1,4-Dichlorobenzene	6.910	146	476262	44.757	ng	99
14) 1,2-Dichlorobenzene	7.063	146	457358	46.053	ng	99
15) Benzyl Alcohol	7.028	79	393066	45.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	702854	44.006	ng	98
17) 2-Methylphenol	7.134	107	346054	43.739	ng	99
18) Hexachloroethane	7.404	117	169320	44.621	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	311531	43.697	ng	98
20) 3+4-Methylphenols	7.287	107	430586	42.549	ng	95
22) Acetophenone	7.298	105	586595	46.961	ng	98
24) Nitrobenzene	7.469	77	460055	45.602	ng	100
25) Isophorone	7.710	82	806873	46.201	ng	99
26) 2-Nitrophenol	7.787	139	206146	54.165	ng	97
27) 2,4-Dimethylphenol	7.822	122	334729	52.745	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	500010	47.255	ng	99
29) 2,4-Dichlorophenol	8.028	162	318162	44.015	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	361046	45.140	ng	99
31) Naphthalene	8.192	128	1199406	45.602	ng	99
32) Benzoic acid	7.904	122	166402	30.063	ng	94
33) 4-Chloroaniline	8.239	127	81703	9.110	ng	97
34) Hexachlorobutadiene	8.310	225	235753	46.912	ng	100
35) Caprolactam	8.598	113	83600m	36.373	ng	
36) 4-Chloro-3-methylphenol	8.716	107	312561	39.051	ng	96
37) 2-Methylnaphthalene	8.887	142	716404	44.475	ng	100
38) 1-Methylnaphthalene	8.987	142	666369	42.165	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	334701	53.410	ng	99
41) Hexachlorocyclopentadiene	9.039	237	277522	127.276	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	219132	49.391	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139944.D
 Acq On : 22 Oct 2024 22:46
 Operator : RC/JU
 Sample : P4431-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934MSD

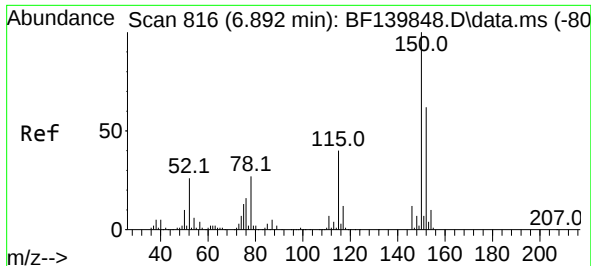
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 23 01:14:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

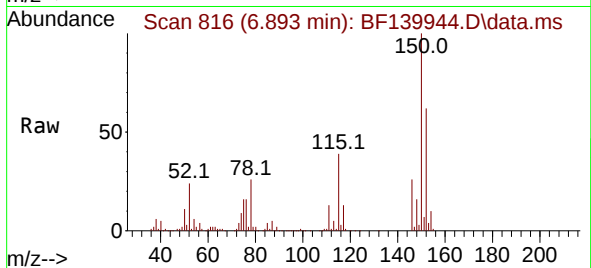
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	203073	44.364	ng	98
46) 1,1'-Biphenyl	9.351	154	830900	51.385	ng	99
47) 2-Chloronaphthalene	9.375	162	639075	49.070	ng	99
48) 2-Nitroaniline	9.463	65	200362	50.301	ng	96
49) Acenaphthylene	9.792	152	973712	51.715	ng	99
50) Dimethylphthalate	9.645	163	726821	50.235	ng	100
51) 2,6-Dinitrotoluene	9.710	165	148527	47.412	ng	92
52) Acenaphthene	9.963	154	604440	49.626	ng	99
53) 3-Nitroaniline	9.875	138	79016	24.459	ng	95
54) 2,4-Dinitrophenol	9.975	184	60266	49.052	ng #	67
55) Dibenzofuran	10.134	168	817038	46.753	ng	98
56) 4-Nitrophenol	10.028	139	229783	92.451	ng	97
57) 2,4-Dinitrotoluene	10.110	165	188724	48.989	ng	95
58) Fluorene	10.475	166	611052	45.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	158711	44.229	ng	96
60) Diethylphthalate	10.345	149	659869	46.451	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	307503	45.748	ng	98
62) 4-Nitroaniline	10.486	138	117257	38.430	ng	95
63) Azobenzene	10.628	77	674261	44.770	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	53763	37.335	ng	92
66) n-Nitrosodiphenylamine	10.586	169	541631	51.261	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	184226	50.655	ng	98
68) Hexachlorobenzene	11.022	284	199455	48.763	ng	98
69) Atrazine	11.110	200	171458	59.904	ng	100
70) Pentachlorophenol	11.216	266	283978	114.396	ng	99
71) Phenanthrene	11.439	178	1132342	67.904	ng	100
72) Anthracene	11.492	178	892589	54.860	ng	100
73) Carbazole	11.639	167	787423	52.038	ng	100
74) Di-n-butylphthalate	11.975	149	945733	54.097	ng	99
75) Fluoranthene	12.627	202	1598865	94.844	ng	99
77) Benzidine	12.745	184	230497	46.054	ng	99
78) Pyrene	12.857	202	1620393	60.819	ng	99
80) Butylbenzylphthalate	13.474	149	437471	54.769	ng	98
81) Benzo(a)anthracene	14.045	228	1416631	71.497	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	171417	29.672	ng	99
83) Chrysene	14.086	228	1183999	65.173	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	653661	72.940	ng	100
85) Di-n-octyl phthalate	14.651	149	1168565	71.690	ng #	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	825504	48.924	ng	96
88) Benzo(b)fluoranthene	15.104	252	1350871	84.551	ng	99
89) Benzo(k)fluoranthene	15.133	252	808305	58.663	ng	99
90) Benzo(a)pyrene	15.474	252	962129	73.186	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	583239	41.435	ng	98
92) Benzo(g,h,i)perylene	17.486	276	657238	46.745	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

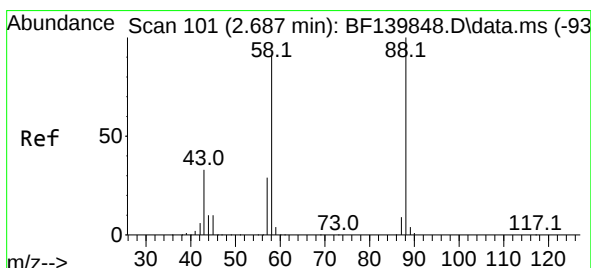
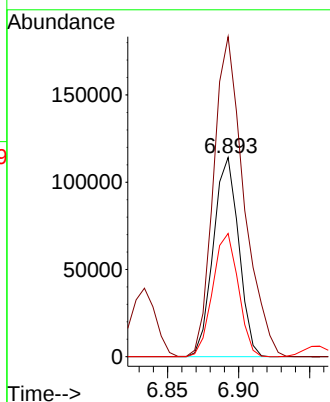
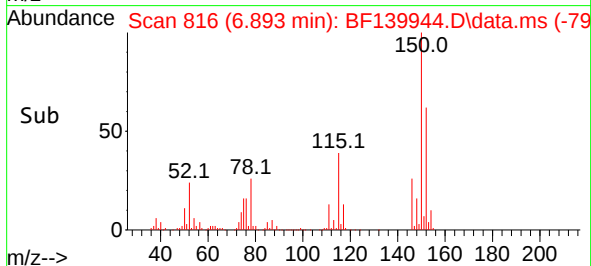
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:152 Resp: 142085
Ion Ratio Lower Upper
152 100
150 160.6 130.2 195.2
115 61.9 51.4 77.2

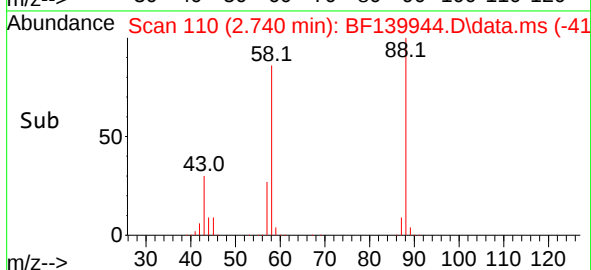
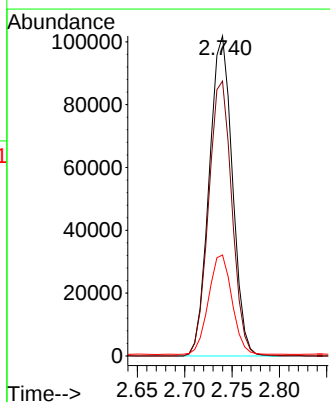
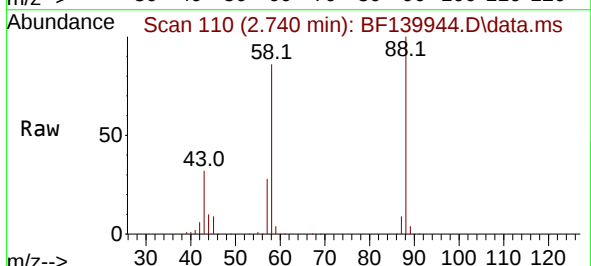
Manual Integrations
APPROVED

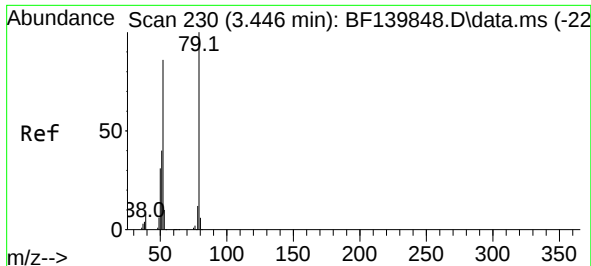
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#2
1,4-Dioxane
Concen: 40.990 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

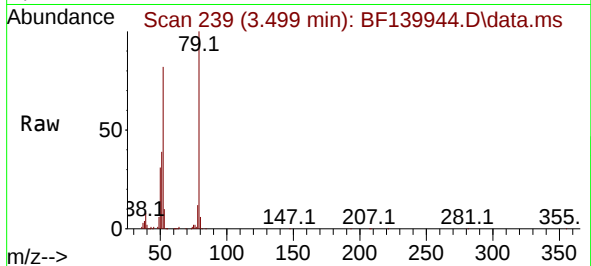
Tgt Ion: 88 Resp: 173458
Ion Ratio Lower Upper
88 100
58 86.4 73.3 109.9
43 31.6 27.1 40.7





#3
Pyridine
Concen: 41.417 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

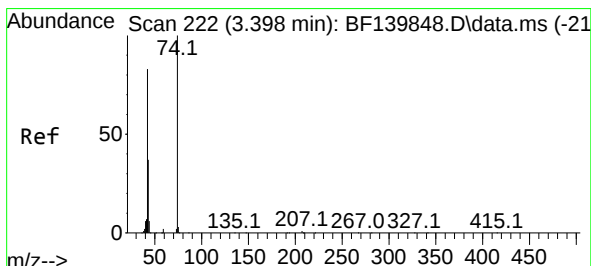
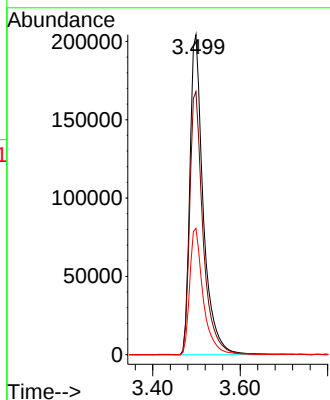
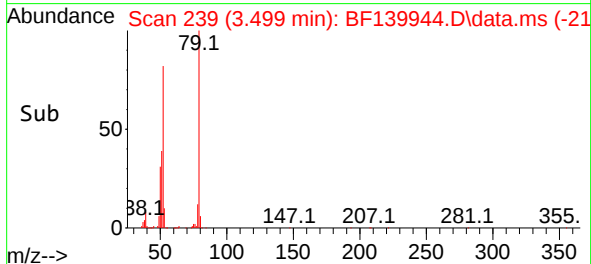
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



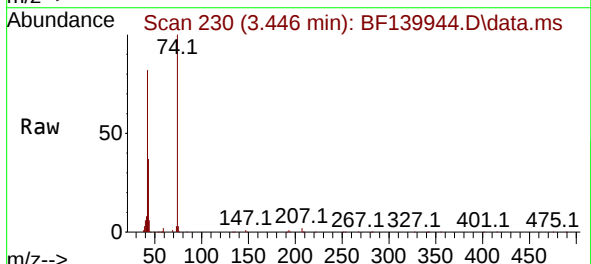
Tgt Ion: 79 Resp: 43442
Ion Ratio Lower Upper
79 100
52 82.2 68.5 102.7
51 39.4 32.3 48.5

Manual Integrations
APPROVED

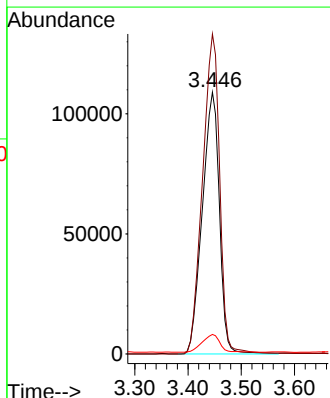
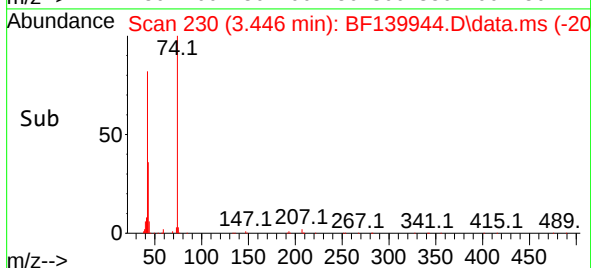
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

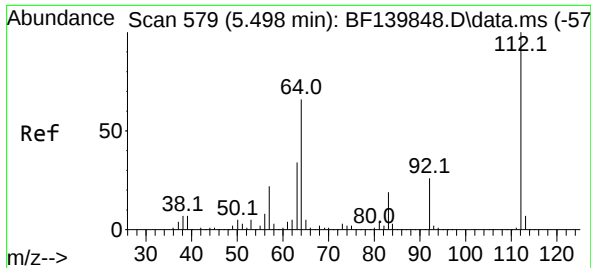


#4
n-Nitrosodimethylamine
Concen: 43.113 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.047 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion: 42 Resp: 242965
Ion Ratio Lower Upper
42 100
74 122.2 96.2 144.4
44 7.5 6.2 9.2





#5
2-Fluorophenol
Concen: 106.584 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

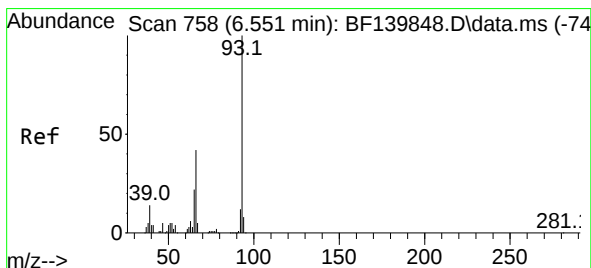
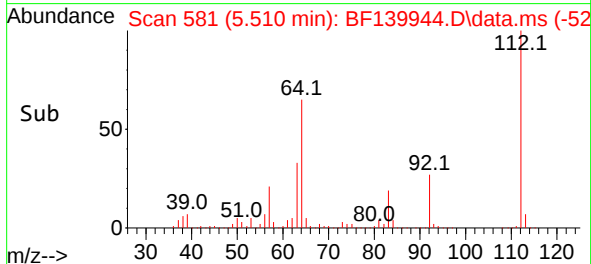
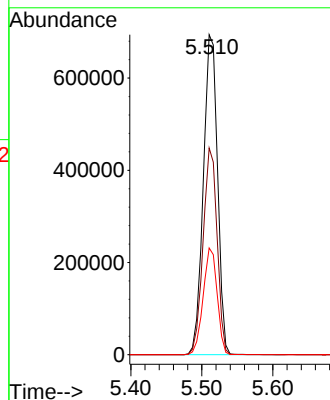
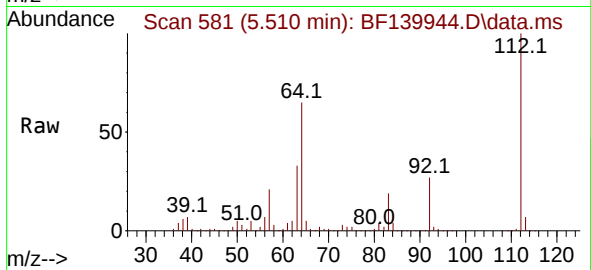
72-11934MSD

Tgt Ion:112 Resp: 96736
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.4 27.0 40.4

Manual Integrations

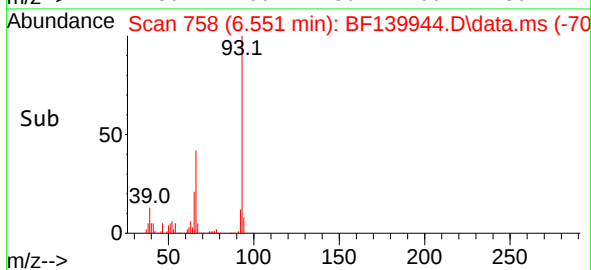
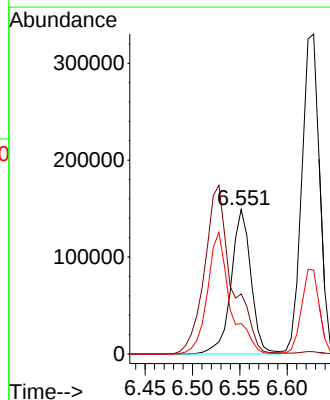
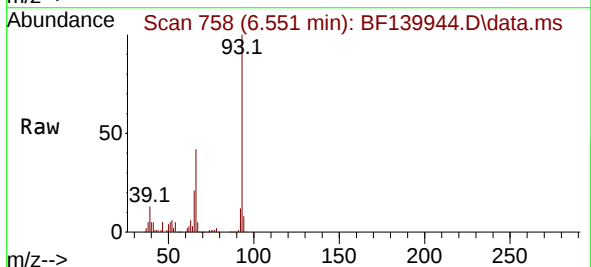
APPROVED

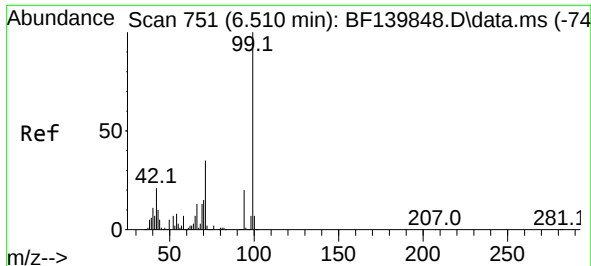
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#6
Aniline
Concen: 19.820 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion: 93 Resp: 217141
Ion Ratio Lower Upper
93 100
66 41.6 34.0 51.0
65 21.0 17.4 26.0





#7

Phenol-d6

Concen: 101.799 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF139944.D

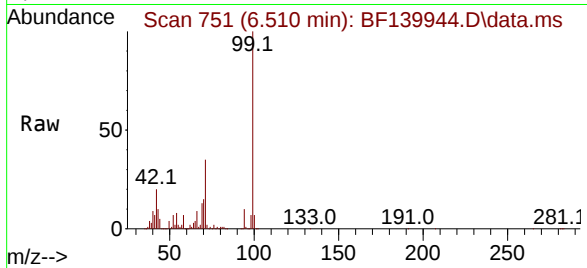
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD



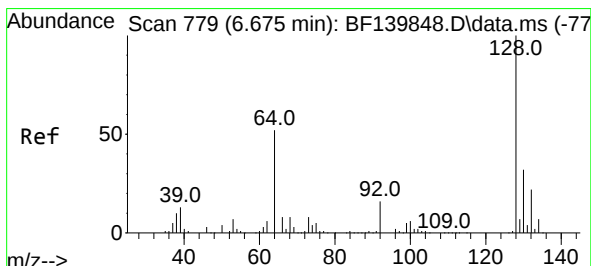
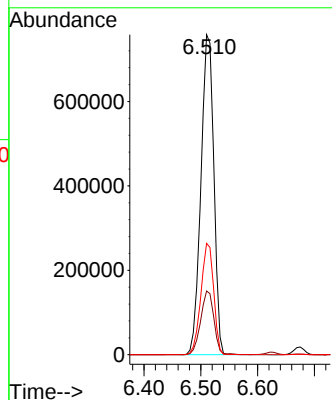
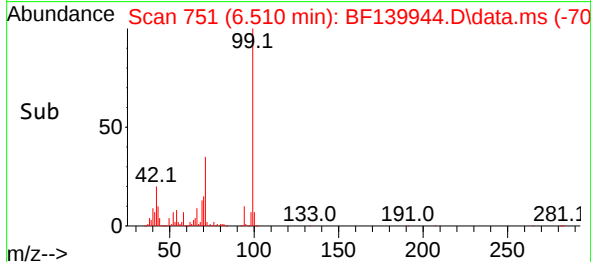
Tgt Ion: 99 Resp: 119664

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	34.8	27.7	41.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#8

2-Chlorophenol

Concen: 46.685 ng

RT: 6.675 min Scan# 779

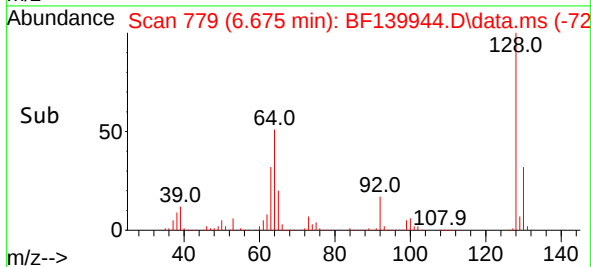
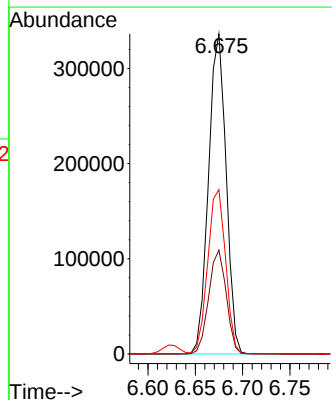
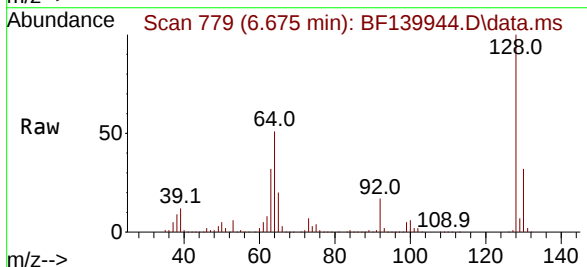
Delta R.T. 0.000 min

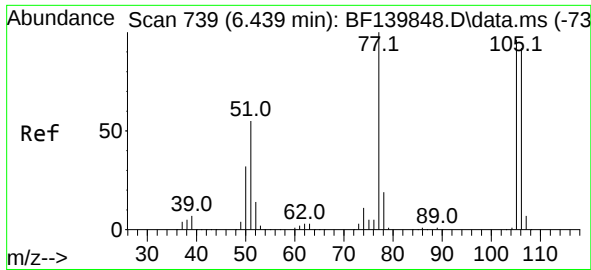
Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Tgt Ion:128 Resp: 433164

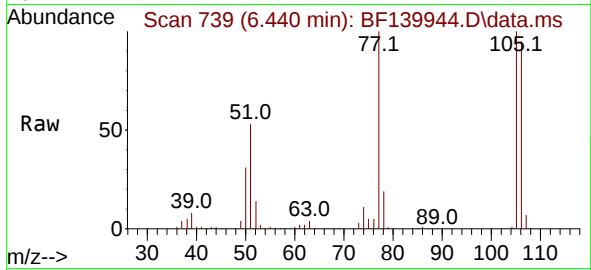
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	51.4	34.6	74.6





#9
Benzaldehyde
Concen: 15.309 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

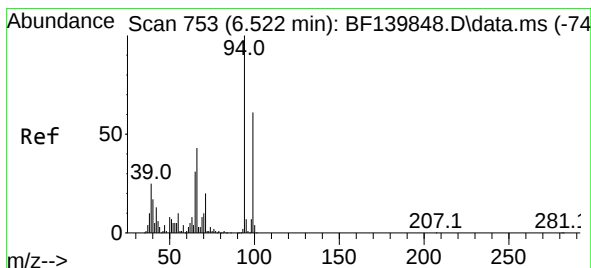
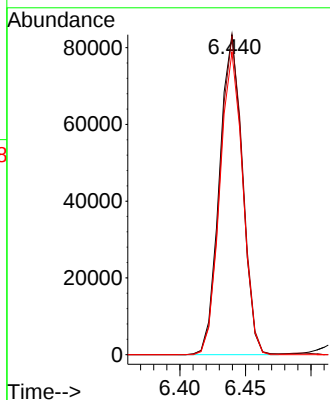
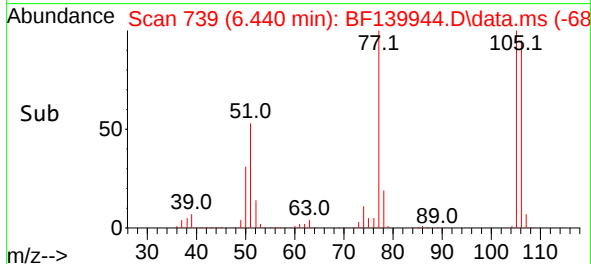
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



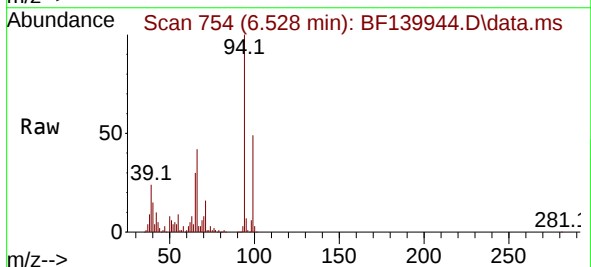
Tgt Ion: 77 Resp: 101234
Ion Ratio Lower Upper
77 100
105 99.5 75.5 115.5
106 94.6 71.7 111.7

Manual Integrations
APPROVED

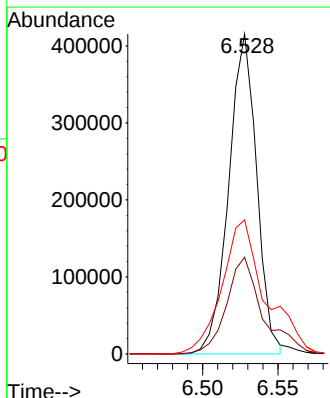
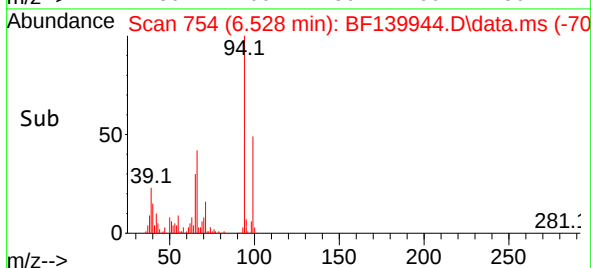
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

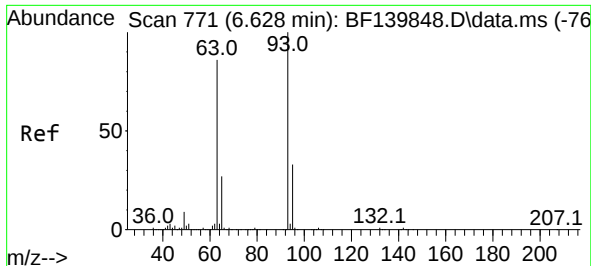


#10
Phenol
Concen: 44.321 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



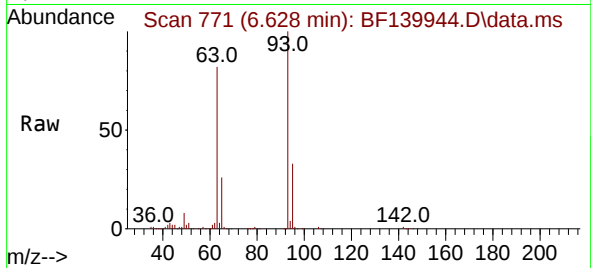
Tgt Ion: 94 Resp: 537113
Ion Ratio Lower Upper
94 100
65 30.2 11.1 51.1
66 41.9 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 46.171 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

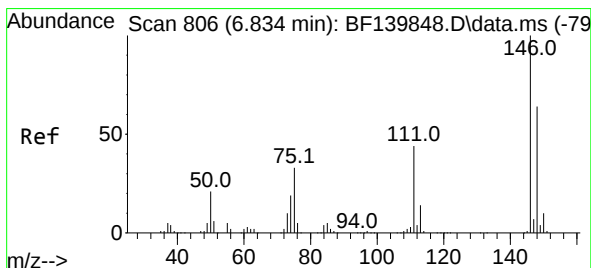
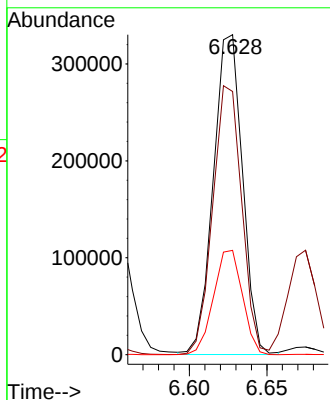
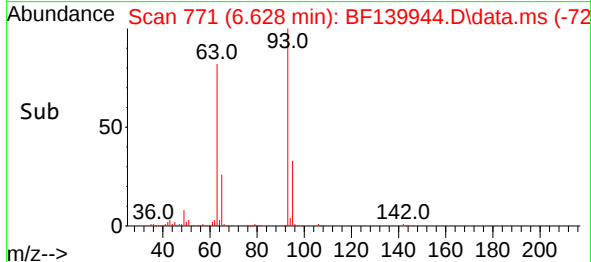
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion: 93 Resp: 43248
Ion Ratio Lower Upper
93 100
63 82.2 65.0 105.0
95 32.6 12.4 52.4

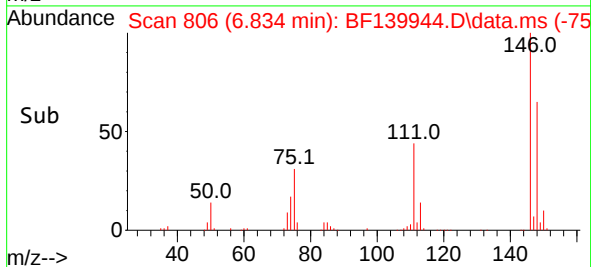
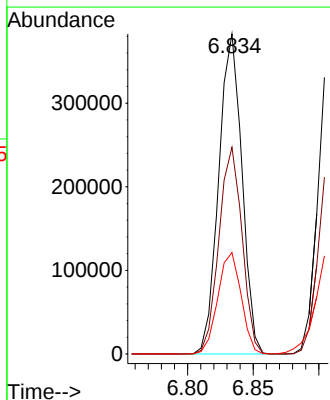
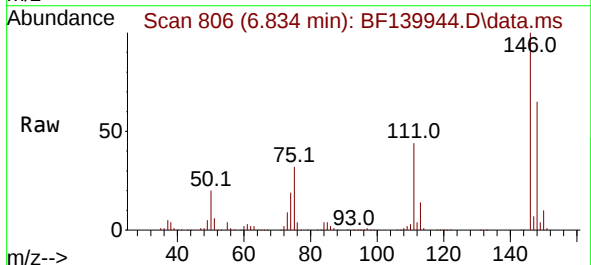
Manual Integrations
APPROVED

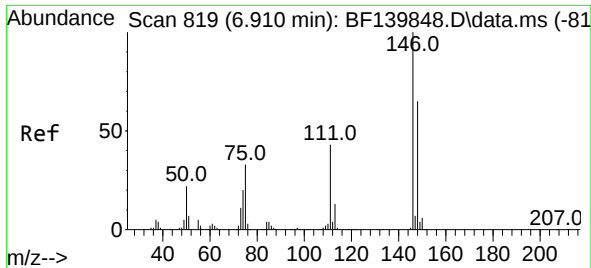
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#12
1,3-Dichlorobenzene
Concen: 44.094 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

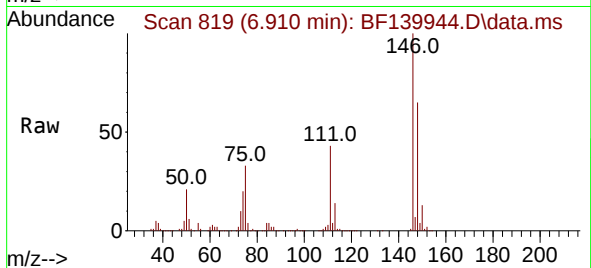
Tgt Ion:146 Resp: 469638
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 31.7 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 44.757 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

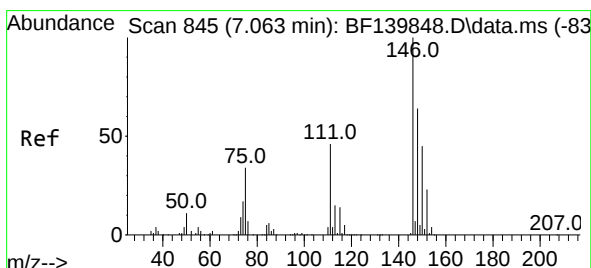
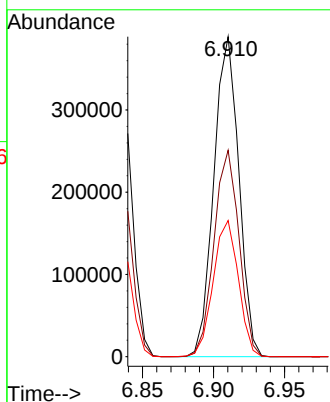
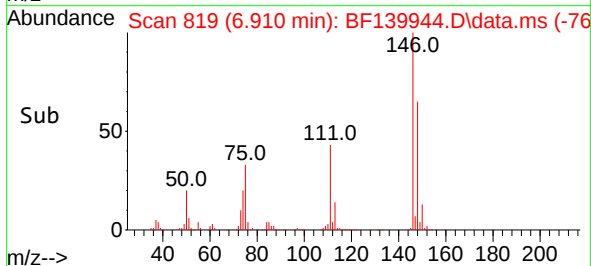
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



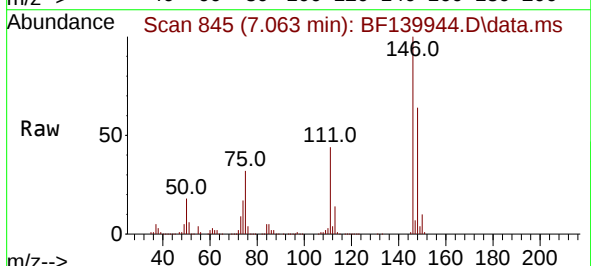
Tgt Ion:146 Resp: 476262
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 42.6 34.6 51.8

Manual Integrations
APPROVED

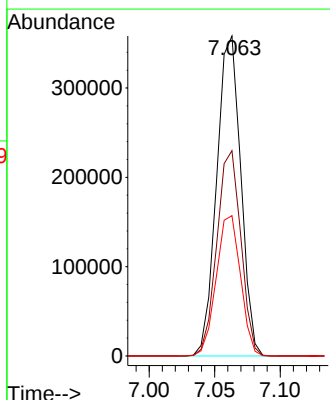
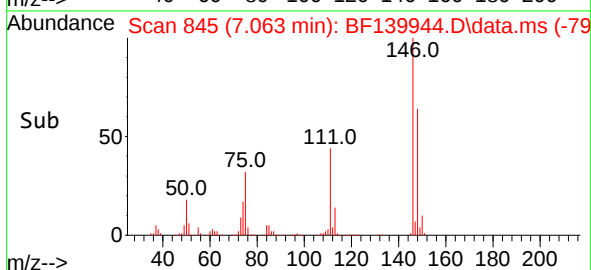
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

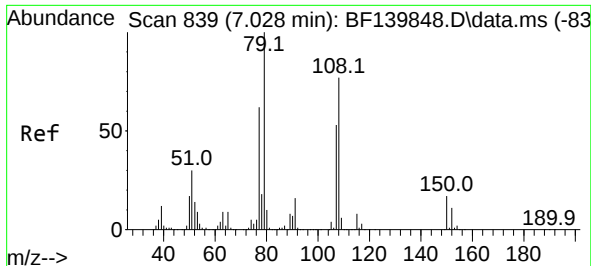


#14
1,2-Dichlorobenzene
Concen: 46.053 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



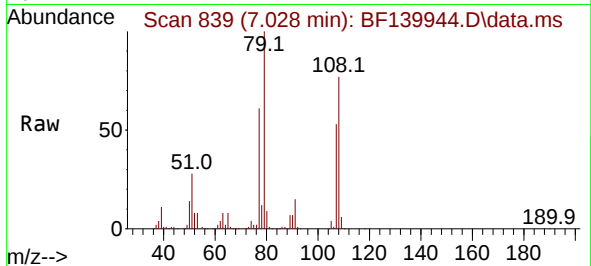
Tgt Ion:146 Resp: 457358
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 43.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.585 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

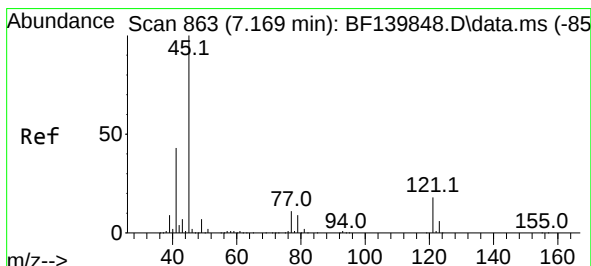
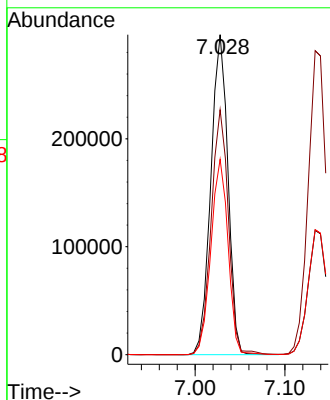
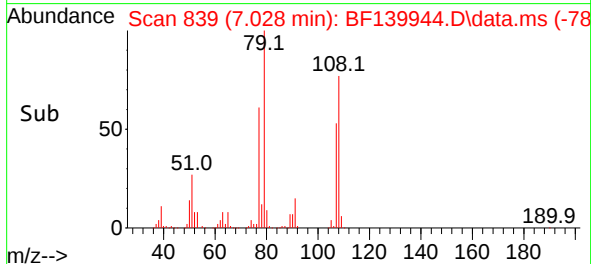
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



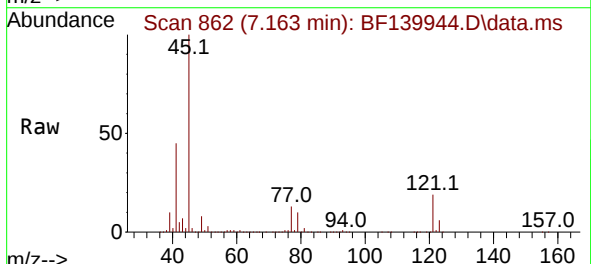
Tgt Ion: 79 Resp: 393060
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 61.1 49.9 74.9

Manual Integrations
APPROVED

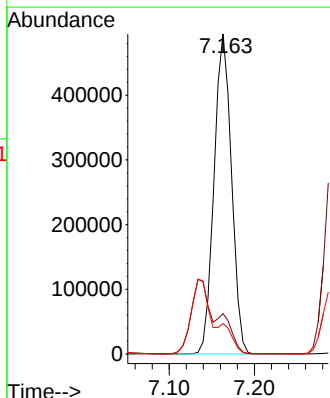
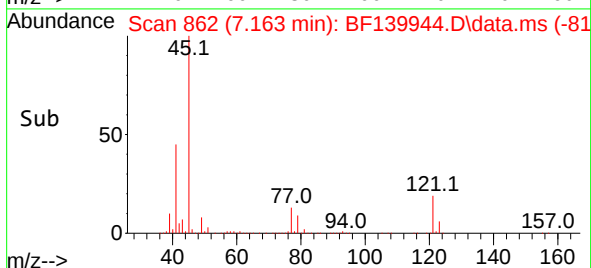
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

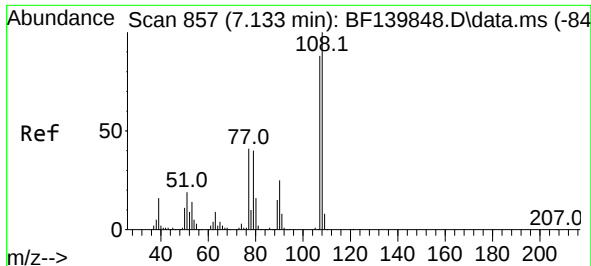


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.006 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion: 45 Resp: 702854
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.5 0.0 29.1





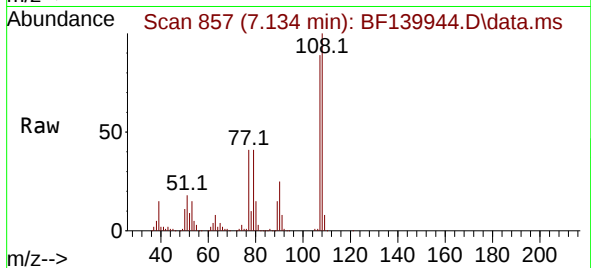
#17
2-Methylphenol
Concen: 43.739 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

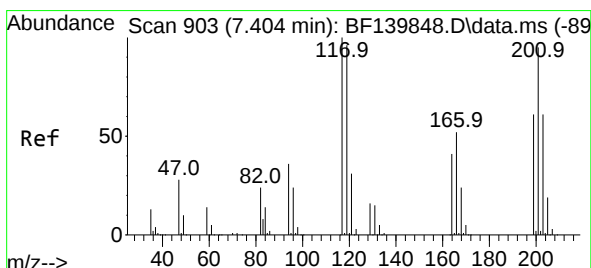
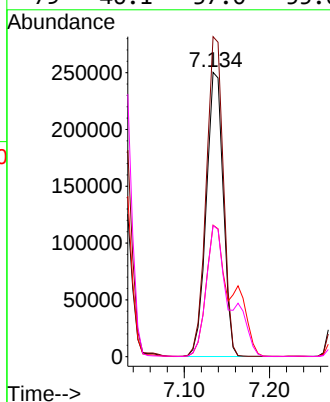
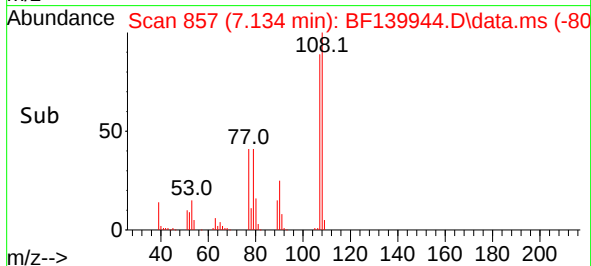


Tgt Ion:107 Resp: 346054
Ion Ratio Lower Upper
107 100
108 112.5 91.3 136.9
77 46.3 37.1 55.7
79 46.1 37.0 55.6

Manual Integrations

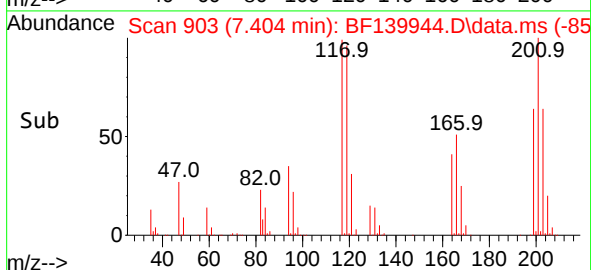
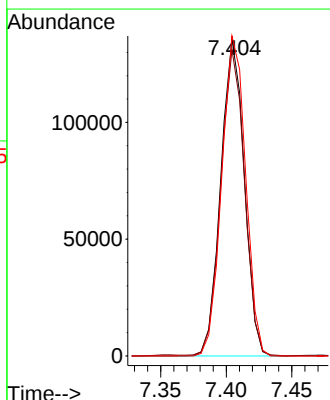
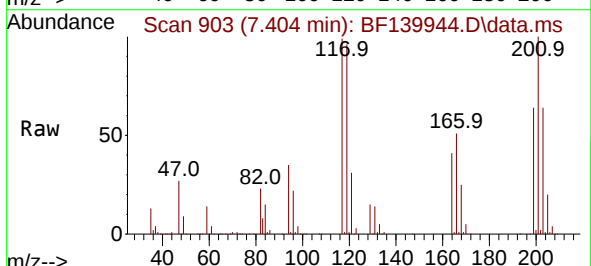
APPROVED

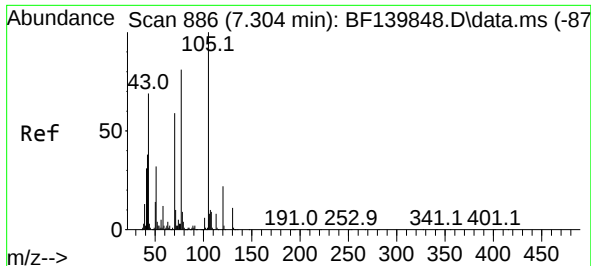
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 44.621 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:117 Resp: 169320
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4
201 100.8 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.697 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

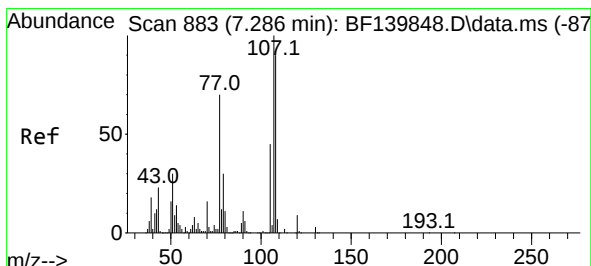
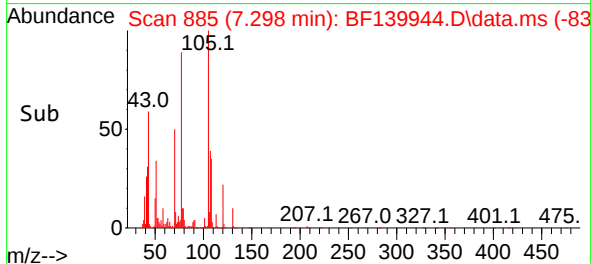
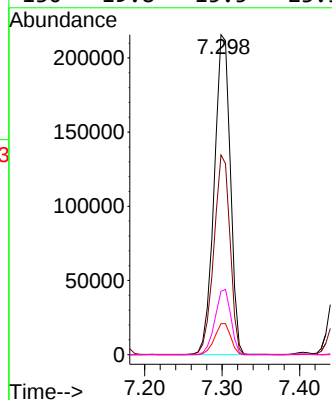
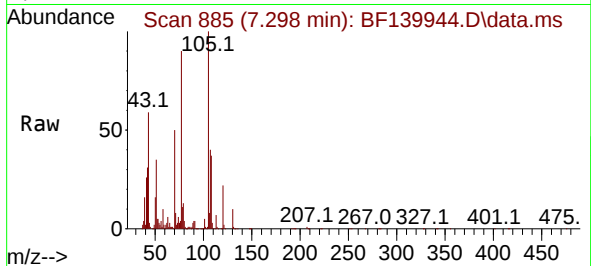
ClientSampleId :

72-11934MSD

Tgt Ion: 70 Resp: 31153
Ion Ratio Lower Upper
70 100
42 62.4 51.5 77.3
101 9.7 7.5 11.3
130 19.8 15.5 23.3

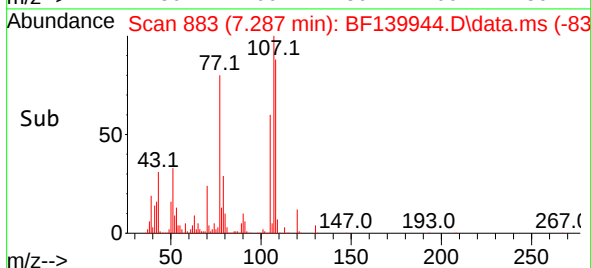
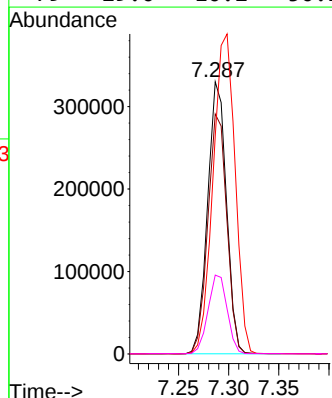
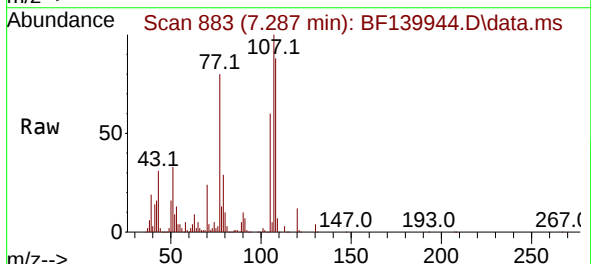
Manual Integrations
APPROVED

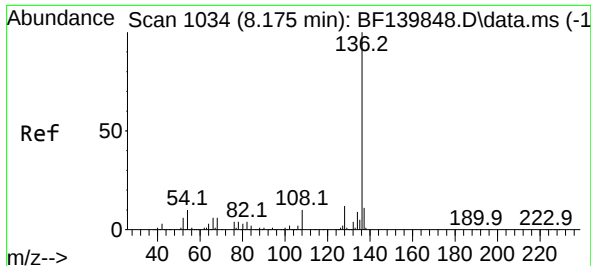
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#20
3+4-Methylphenols
Concen: 42.549 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:107 Resp: 430586
Ion Ratio Lower Upper
107 100
108 88.2 69.8 109.8
77 80.1 50.5 90.5
79 29.0 10.2 50.2





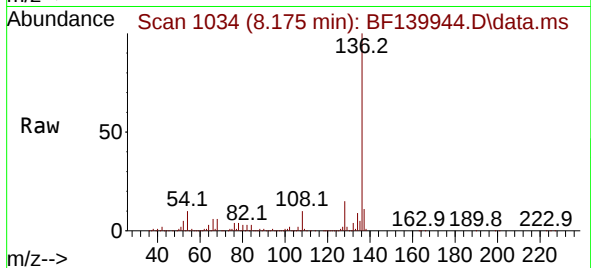
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

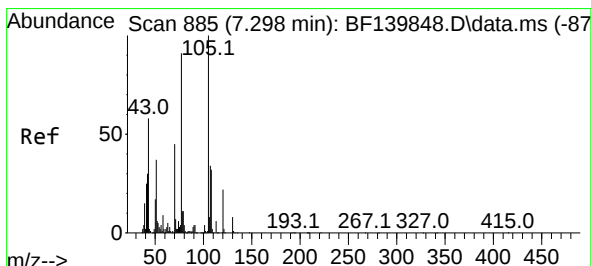
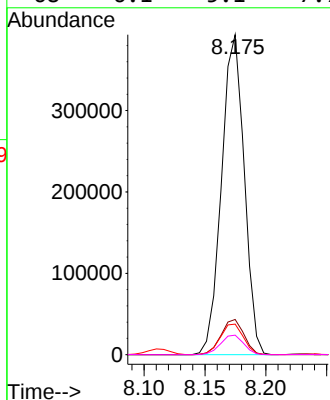
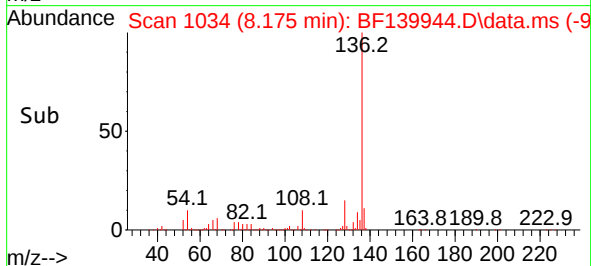


Tgt Ion:136 Resp: 509979
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.5 8.4 12.6
68 6.1 5.1 7.7

Manual Integrations

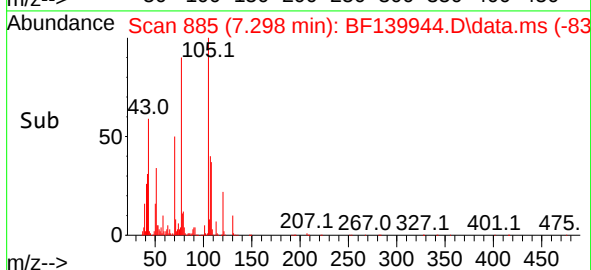
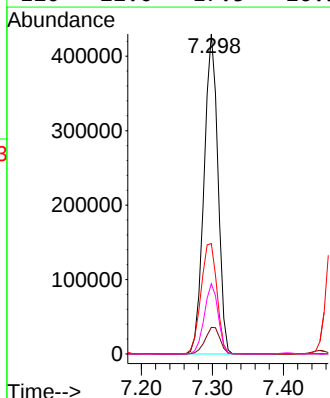
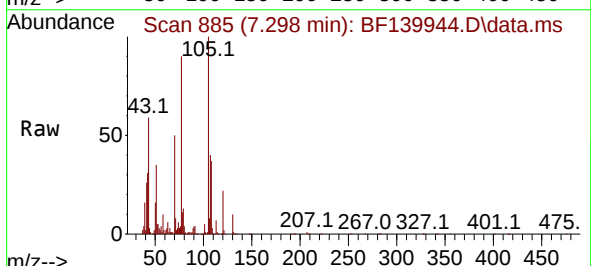
APPROVED

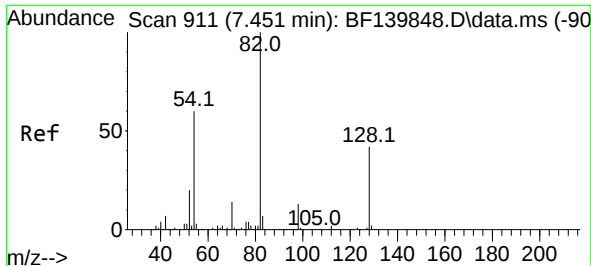
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 46.961 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:105 Resp: 586595
Ion Ratio Lower Upper
105 100
71 8.3 5.9 8.9
51 34.5 29.4 44.2
120 22.0 17.5 26.3





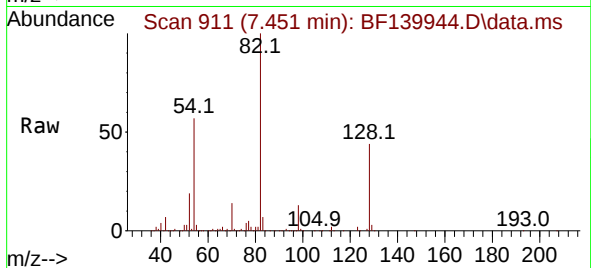
#23
Nitrobenzene-d5
Concen: 82.880 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

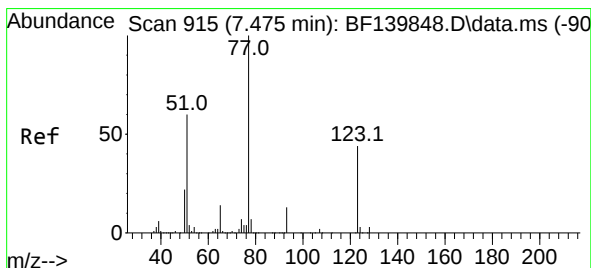
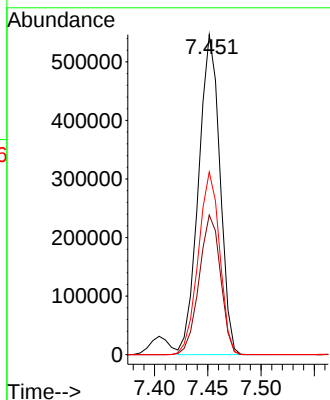
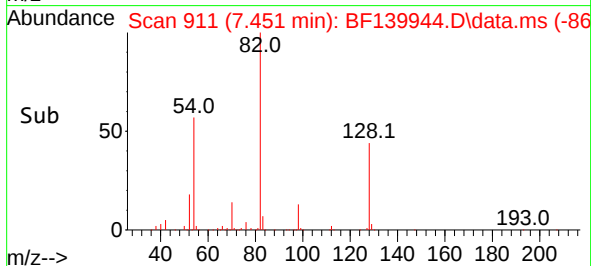


Tgt Ion: 82 Resp: 762620
Ion Ratio Lower Upper
82 100
128 43.7 33.4 50.0
54 57.1 47.8 71.8

Manual Integrations

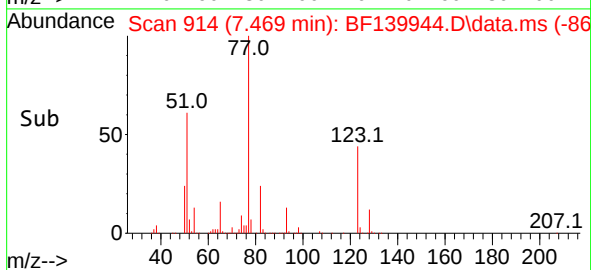
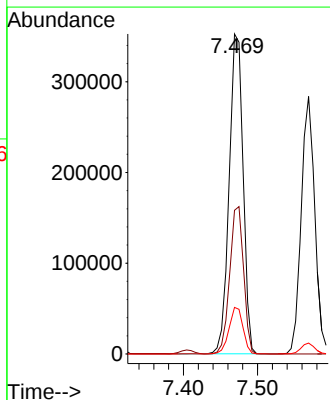
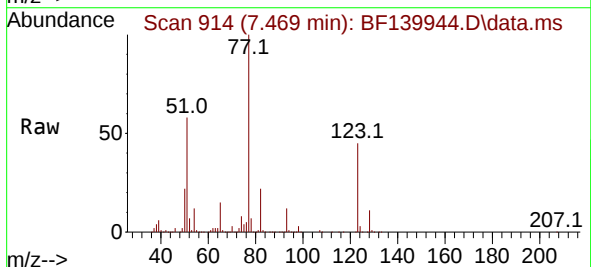
APPROVED

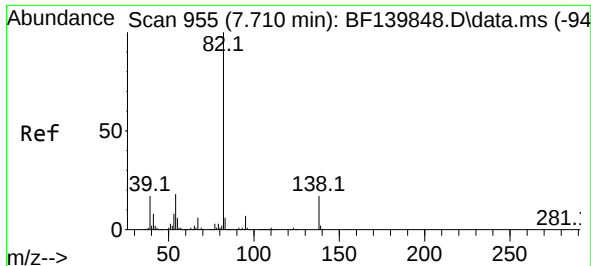
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#24
Nitrobenzene
Concen: 45.602 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion: 77 Resp: 460055
Ion Ratio Lower Upper
77 100
123 44.9 35.7 53.5
65 14.6 11.5 17.3





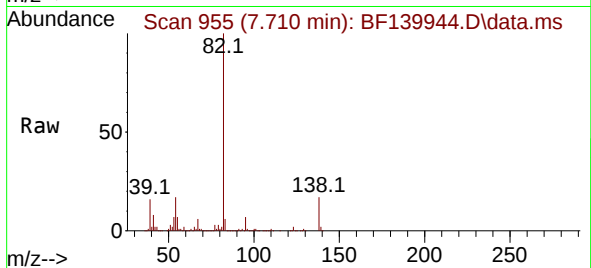
#25
Isophorone
Concen: 46.201 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

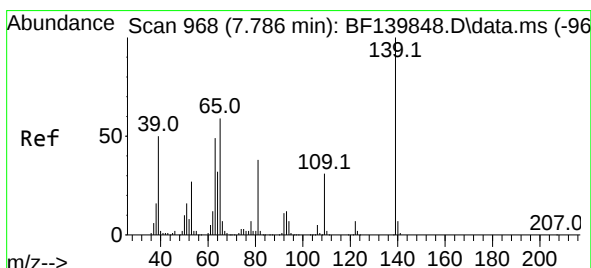
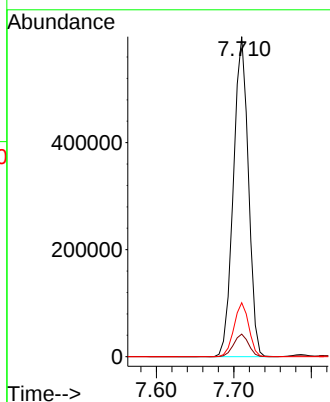
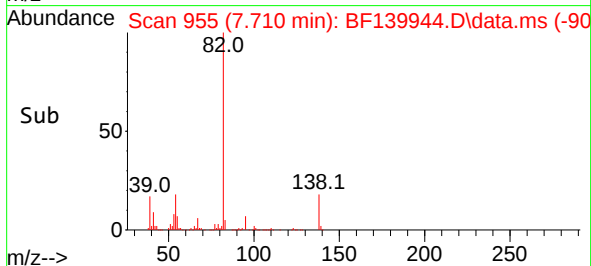


Tgt Ion: 82 Resp: 80687
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.8 13.2 19.8

Manual Integrations

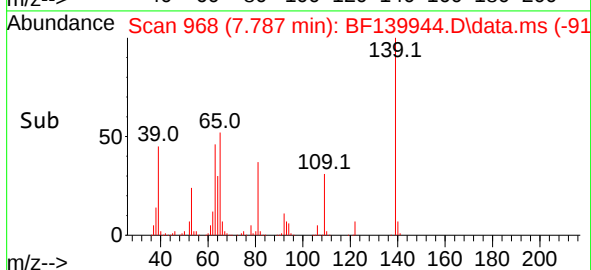
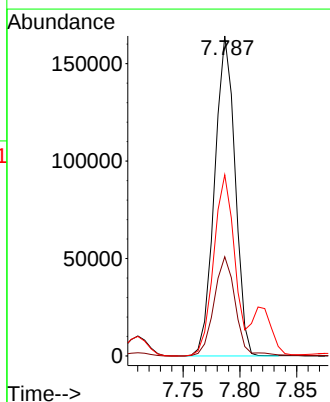
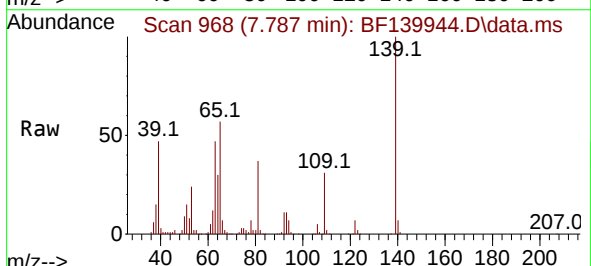
APPROVED

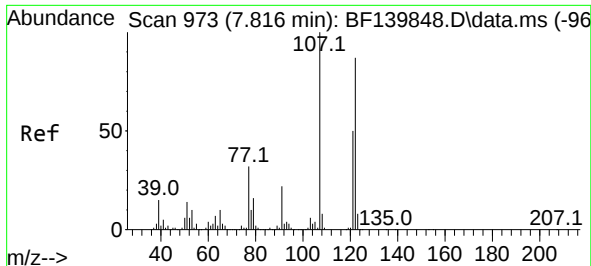
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#26
2-Nitrophenol
Concen: 54.165 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:139 Resp: 206146
Ion Ratio Lower Upper
139 100
109 31.0 25.1 37.7
65 56.6 47.5 71.3





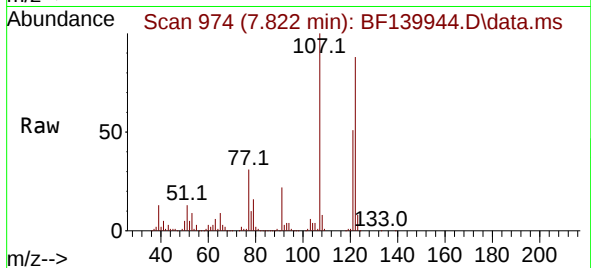
#27
2,4-Dimethylphenol
Concen: 52.745 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

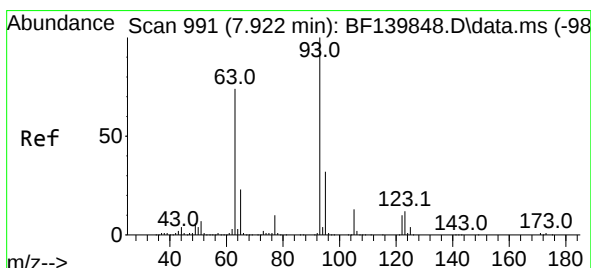
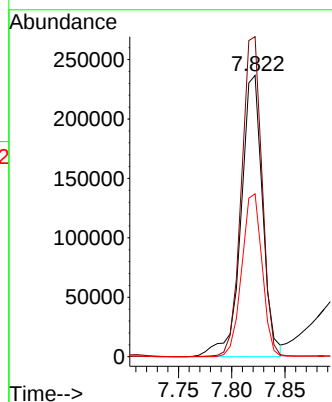
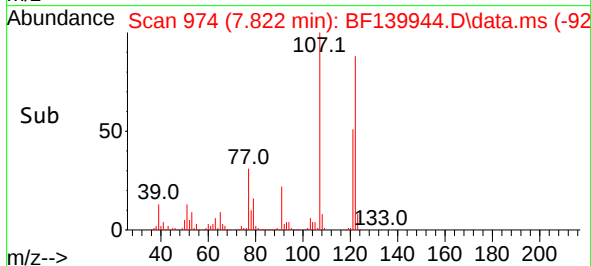


Tgt Ion:122 Resp: 334729
Ion Ratio Lower Upper
122 100
107 113.8 91.9 137.9
121 57.9 46.2 69.4

Manual Integrations

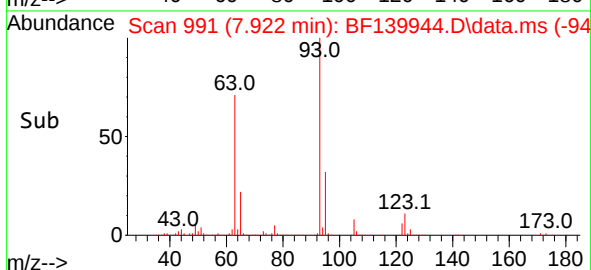
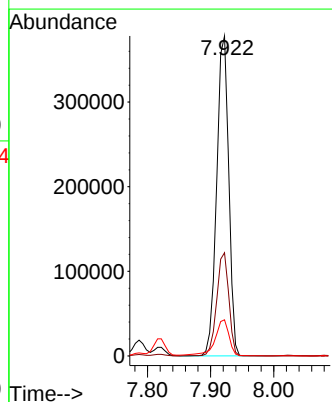
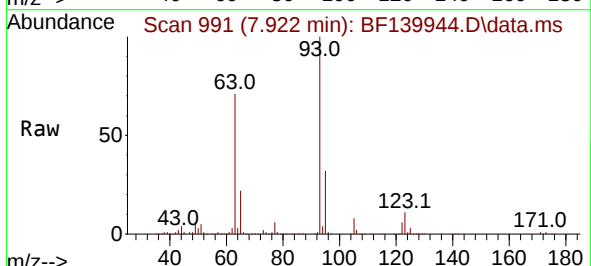
APPROVED

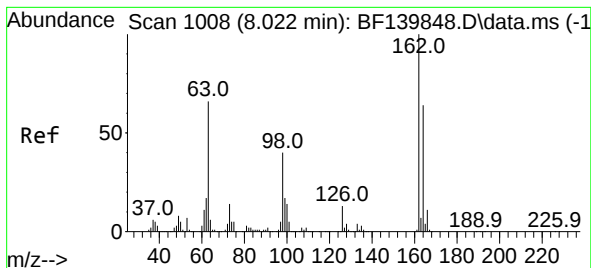
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.255 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion: 93 Resp: 500010
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.015 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

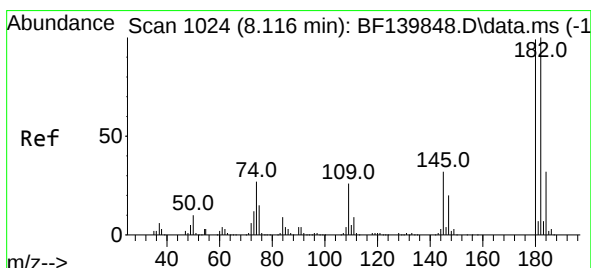
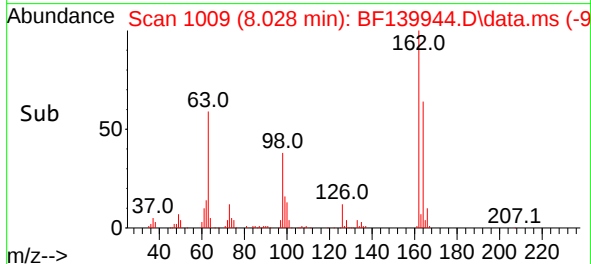
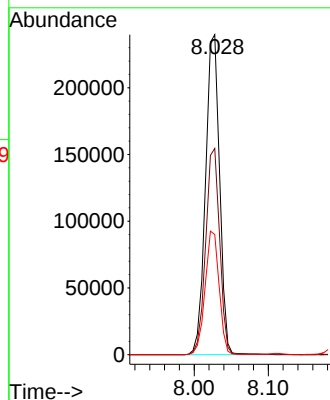
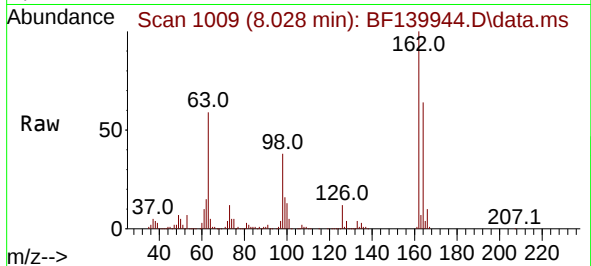
72-11934MSD

Tgt Ion:162	Resp:	31816
Ion Ratio	Lower	Upper
162	100	
164	64.5	43.9 83.9
98	37.6	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.140 ng

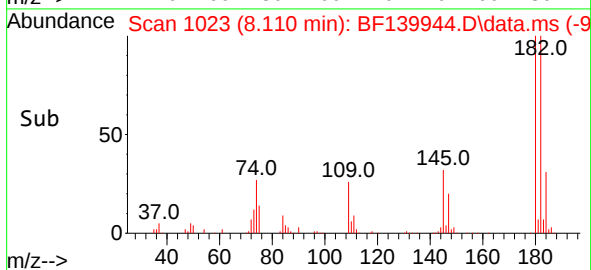
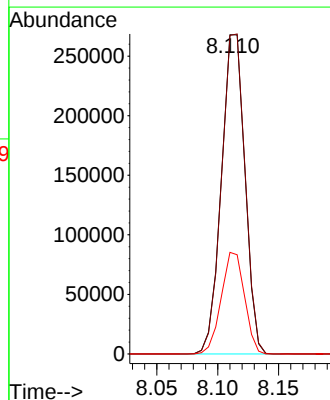
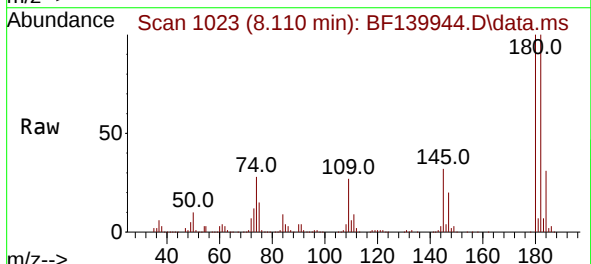
RT: 8.110 min Scan# 1023

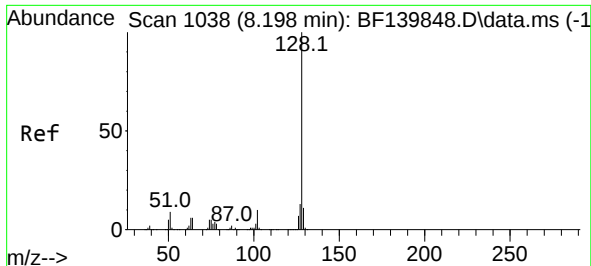
Delta R.T. -0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Tgt Ion:180	Resp:	361046
Ion Ratio	Lower	Upper
180	100	
182	99.8	80.5 120.7
145	31.8	25.4 38.0





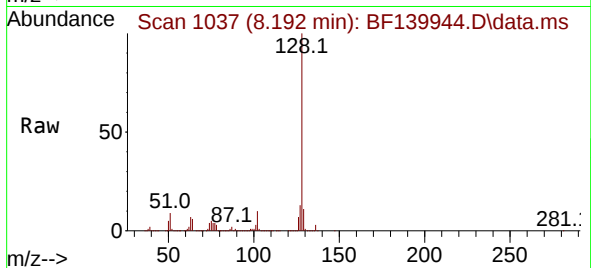
#31
Naphthalene
Concen: 45.602 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

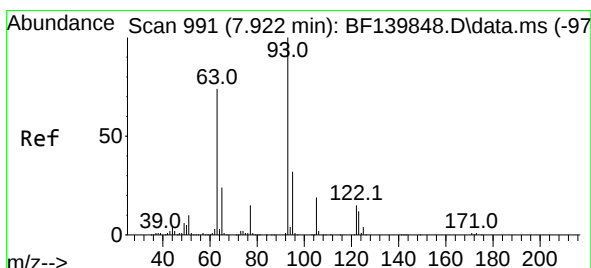
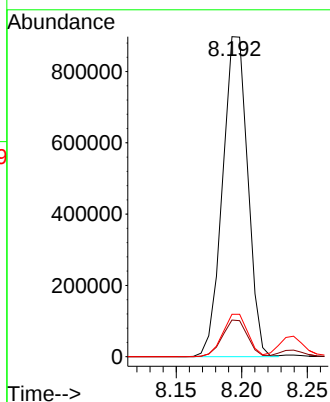
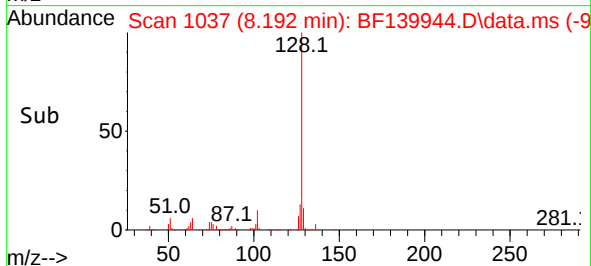


Tgt Ion:128 Resp: 1199400
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

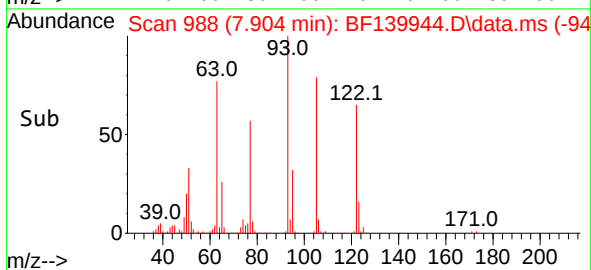
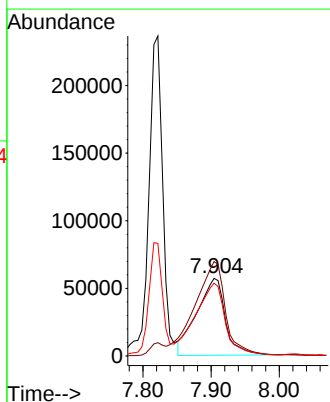
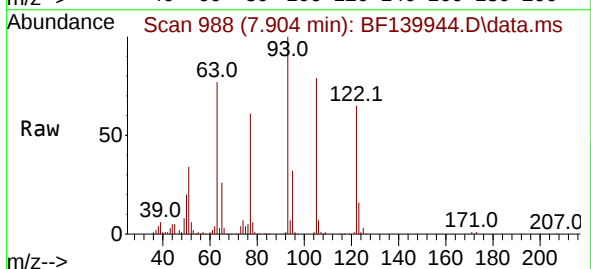
APPROVED

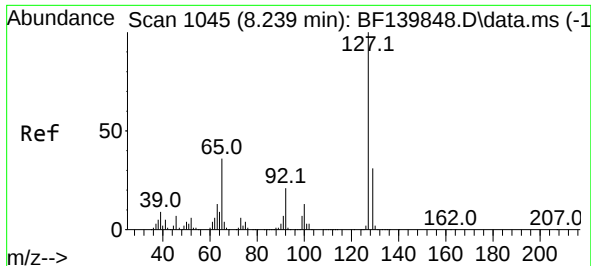
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#32
Benzoic acid
Concen: 30.063 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

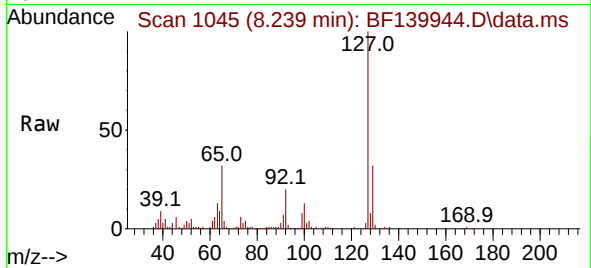
Tgt Ion:122 Resp: 166402
Ion Ratio Lower Upper
122 100
105 121.5 107.6 147.6
77 93.8 80.2 120.2





#33
4-Chloroaniline
Concen: 9.110 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

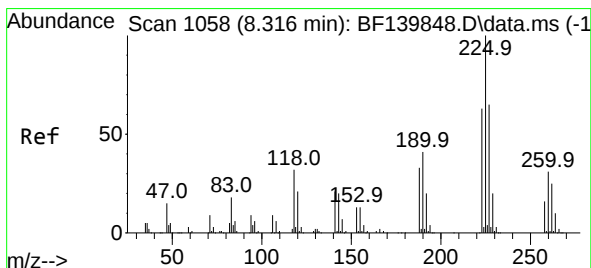
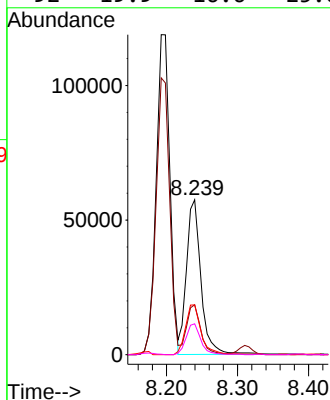
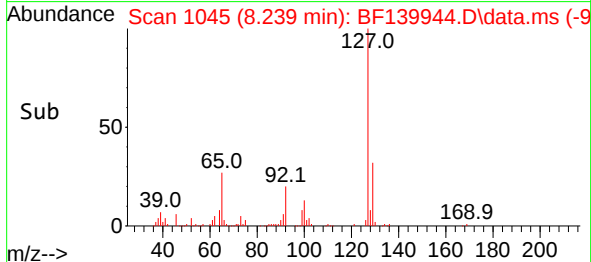
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:	127	Resp:	81700
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.4	38.2
65	32.2	28.4	42.6
92	19.9	16.6	25.0

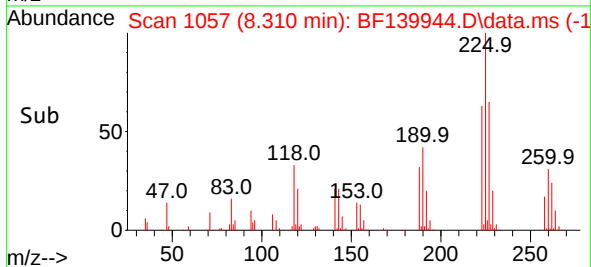
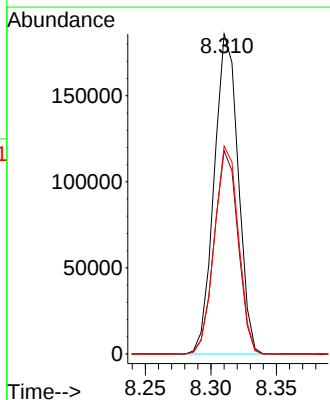
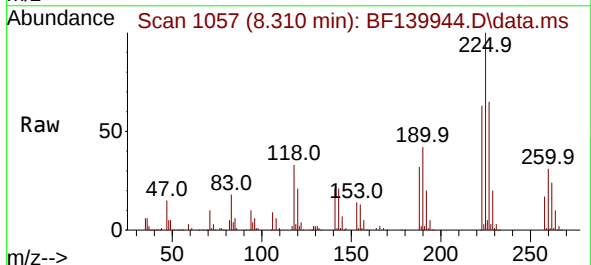
Manual Integrations
APPROVED

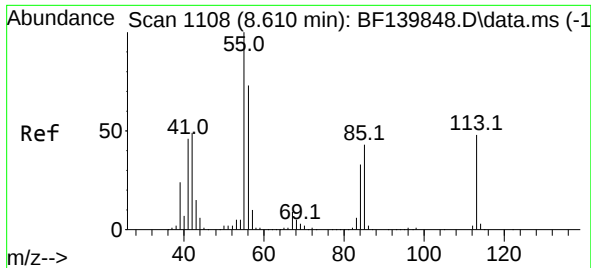
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 46.912 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:	225	Resp:	235753
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.6	76.0
227	64.9	51.8	77.8





#35
 Caprolactam
 Concen: 36.373 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

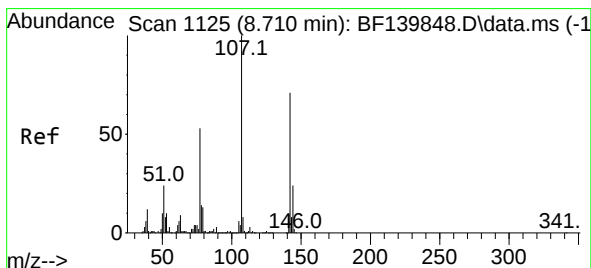
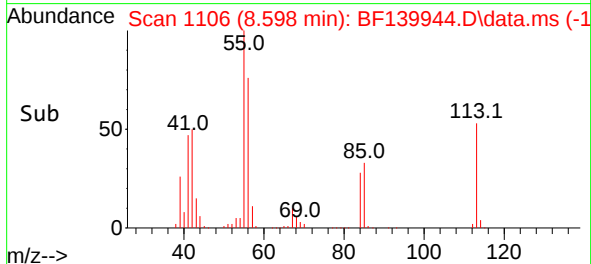
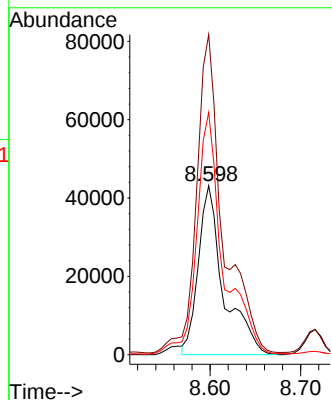
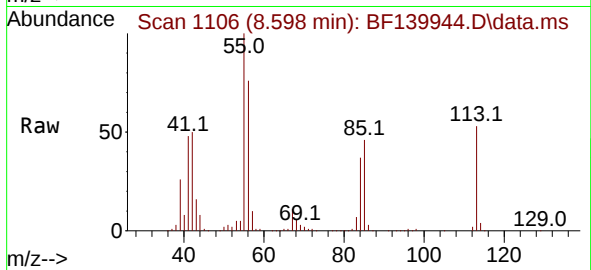
ClientSampleId :

72-11934MSD

Tgt Ion:113 Resp: 83600
 Ion Ratio Lower Upper
 113 100
 55 189.4 189.2 229.2
 56 143.4 132.5 172.5

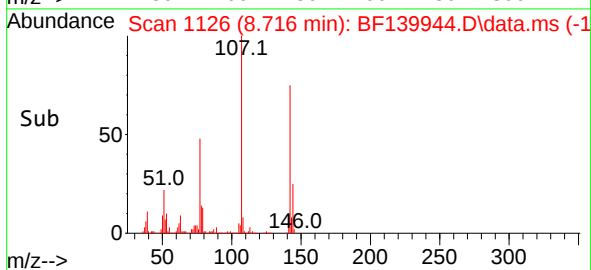
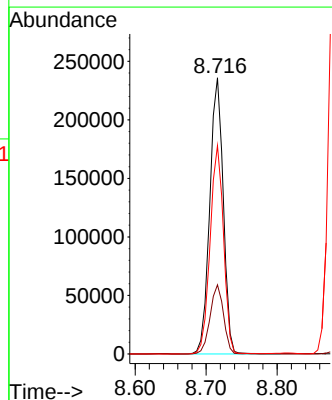
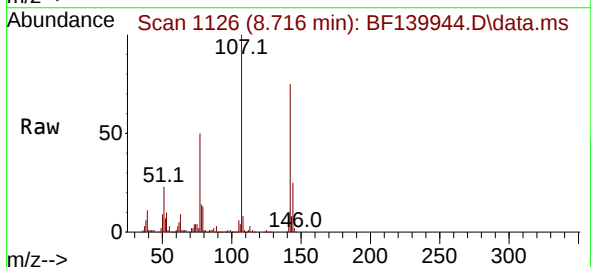
Manual Integrations
 APPROVED

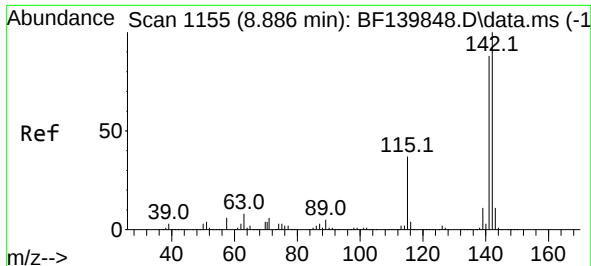
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#36
 4-Chloro-3-methylphenol
 Concen: 39.051 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46

Tgt Ion:107 Resp: 312561
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.1 28.7
 142 75.5 57.2 85.8





#37

2-Methylnaphthalene

Concen: 44.475 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

Tgt Ion:142 Resp: 716404

Ion Ratio Lower Upper

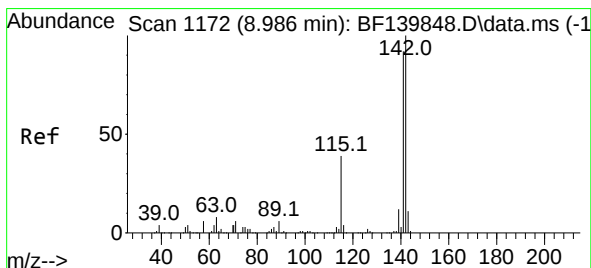
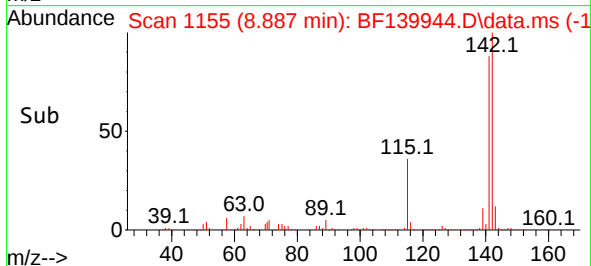
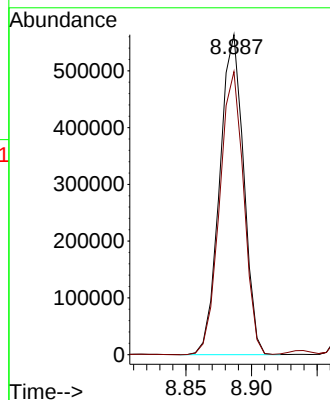
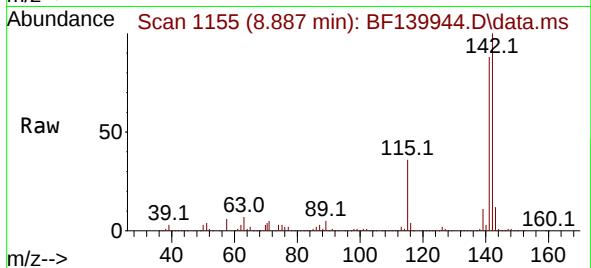
142 100

141 88.5 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#38

1-Methylnaphthalene

Concen: 42.165 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139944.D

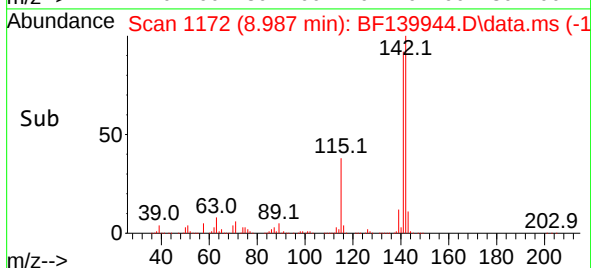
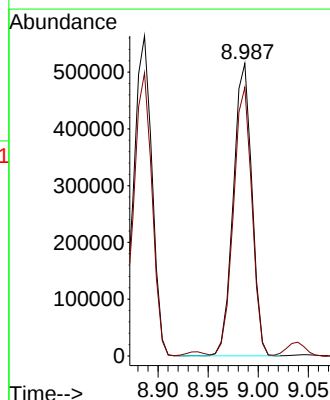
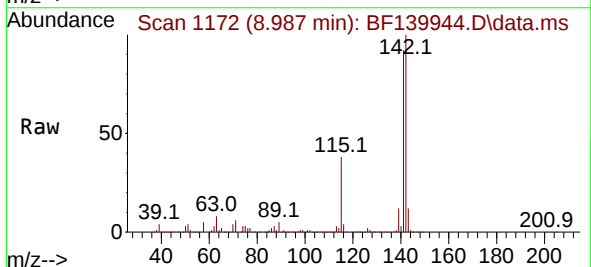
Acq: 22 Oct 2024 22:46

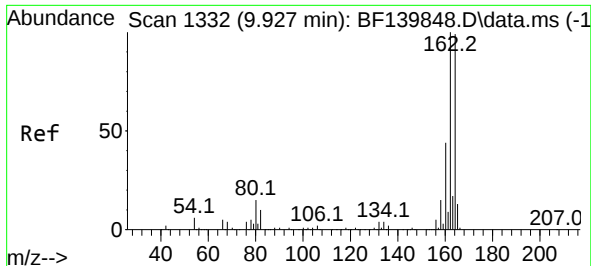
Tgt Ion:142 Resp: 666369

Ion Ratio Lower Upper

142 100

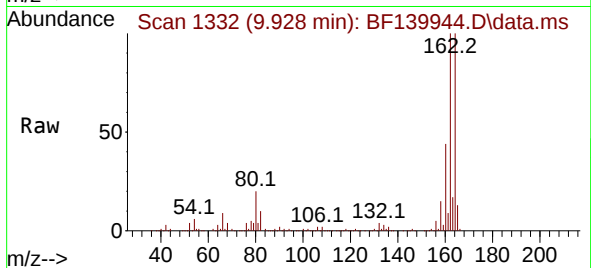
141 91.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

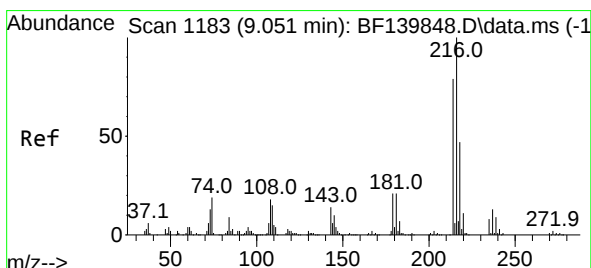
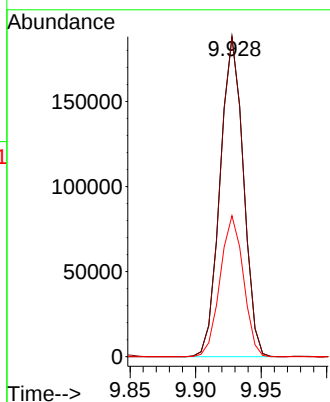
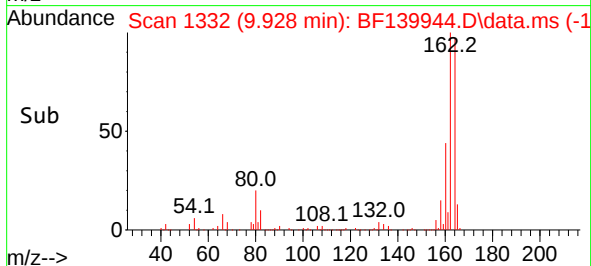
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



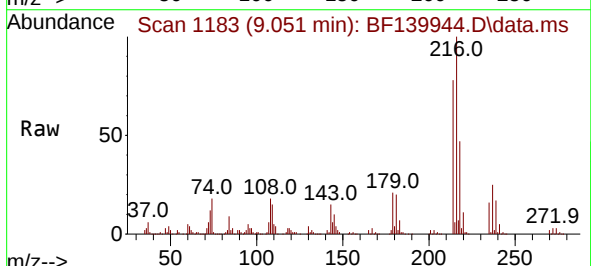
Tgt Ion:164 Resp: 23228
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.0 35.4 53.0

Manual Integrations
APPROVED

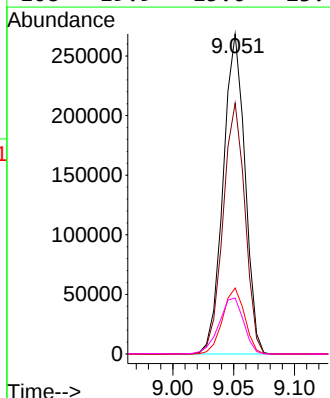
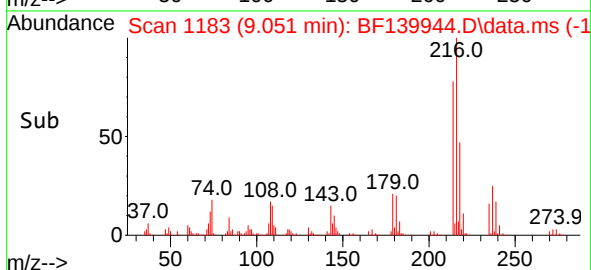
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

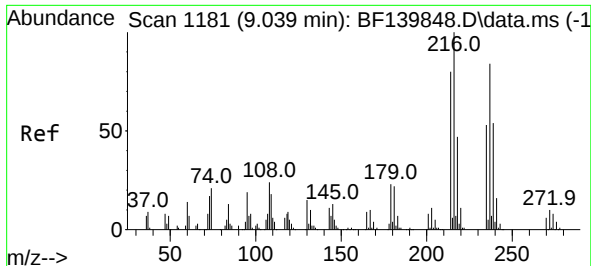


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.410 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:216 Resp: 334701
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 20.7 17.2 25.8
108 19.9 15.6 23.4





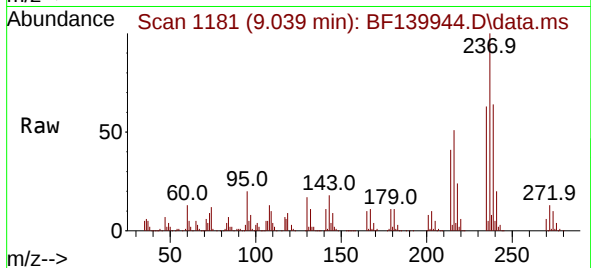
#41
Hexachlorocyclopentadiene
Concen: 127.276 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

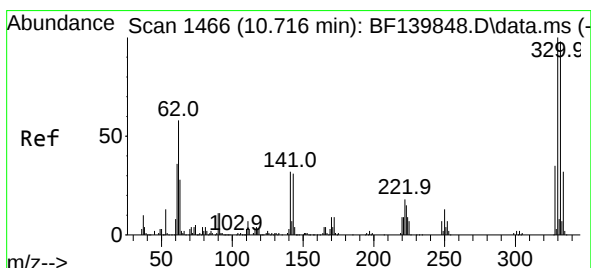
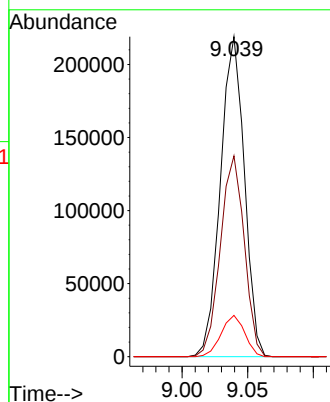
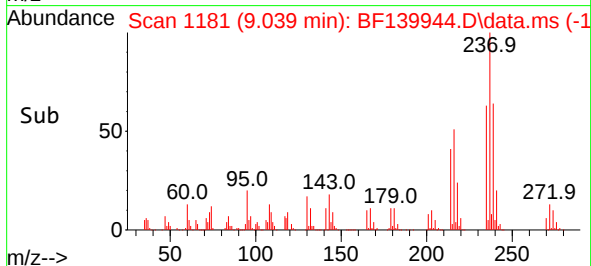


Tgt Ion:237 Resp: 27752
Ion Ratio Lower Upper
237 100
235 62.7 42.9 82.9
272 12.9 0.0 32.3

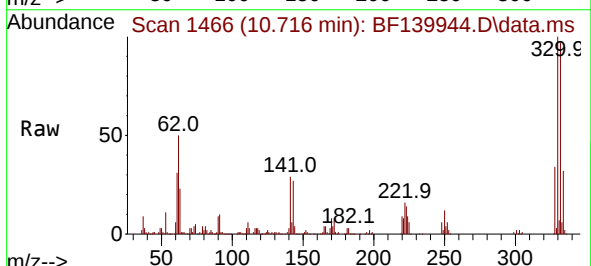
Manual Integrations

APPROVED

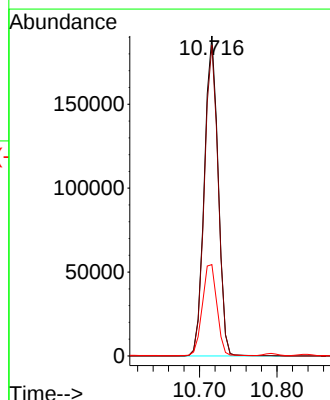
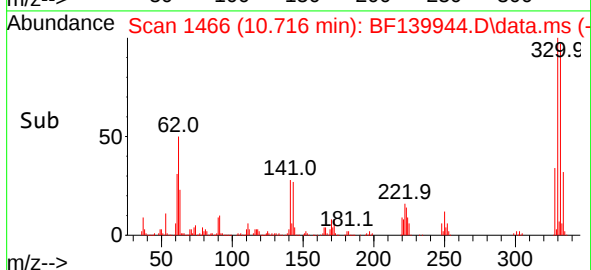
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

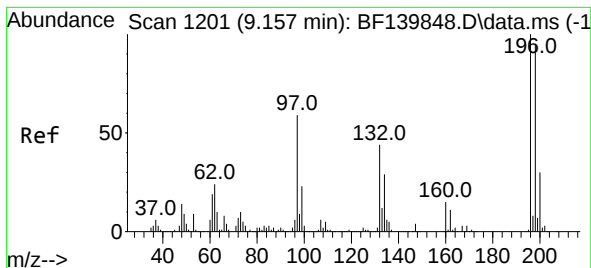


#42
2,4,6-Tribromophenol
Concen: 108.204 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:330 Resp: 235094
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 30.2 26.6 39.8





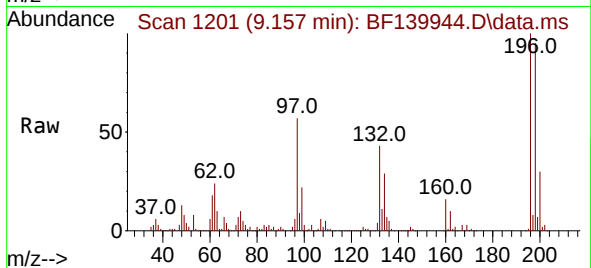
#43
2,4,6-Trichlorophenol
Concen: 49.391 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

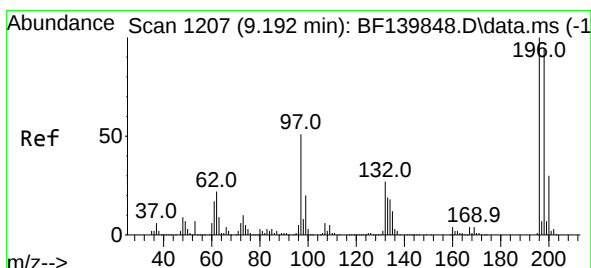
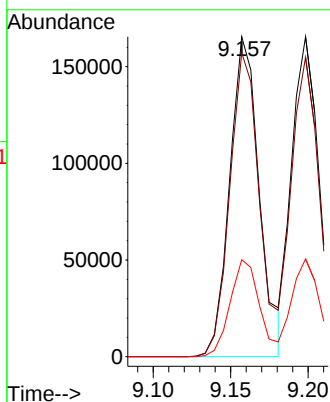
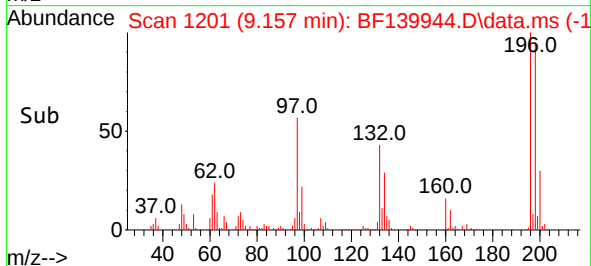


Tgt Ion:196 Resp: 21913
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 30.3 24.0 36.0

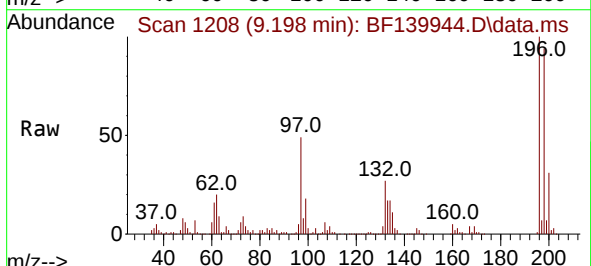
Manual Integrations

APPROVED

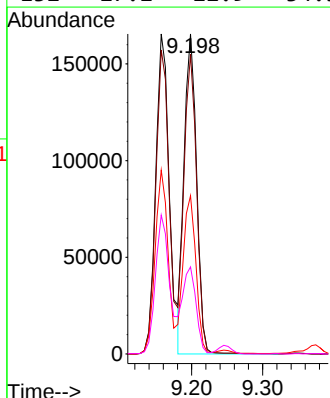
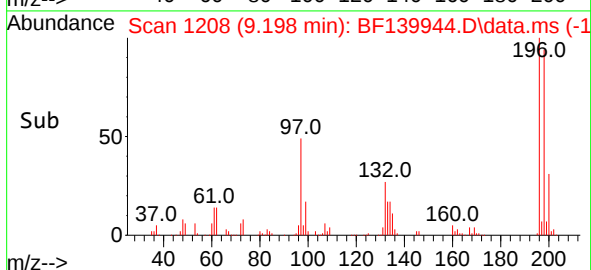
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

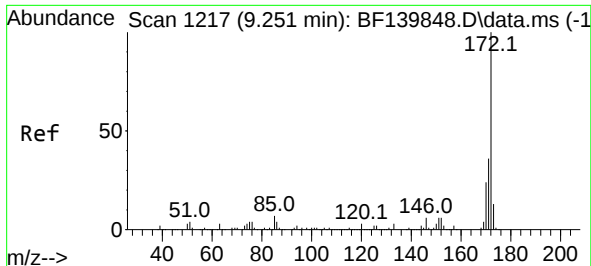


#44
2,4,5-Trichlorophenol
Concen: 44.364 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:196 Resp: 203073
Ion Ratio Lower Upper
196 100
198 93.6 75.8 113.6
97 49.5 41.8 62.6
132 27.2 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 87.731 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

Tgt Ion:172 Resp: 1233039

Ion Ratio Lower Upper

172 100

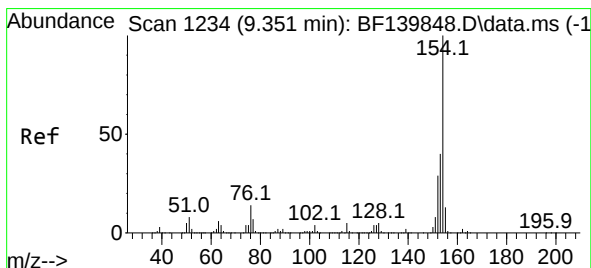
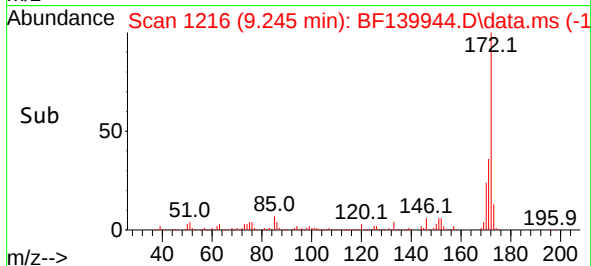
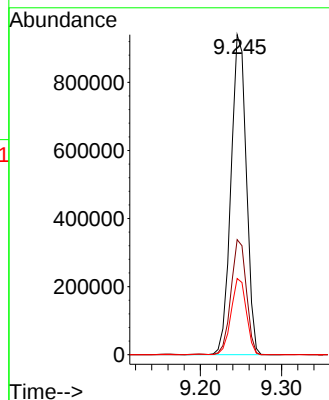
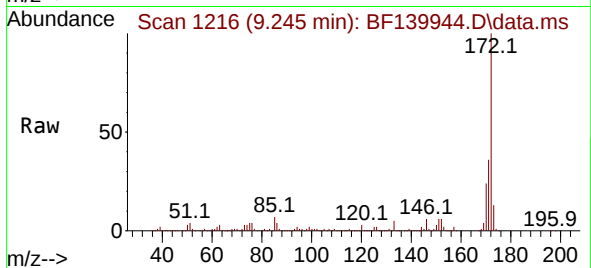
171 36.0 28.6 43.0

170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#46

1,1'-Biphenyl

Concen: 51.385 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

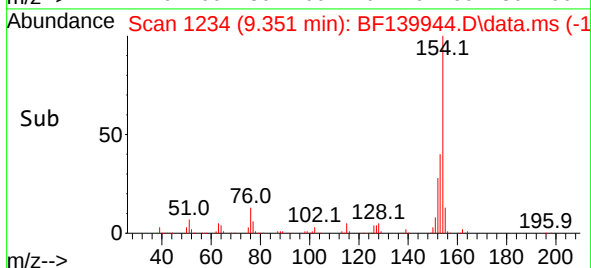
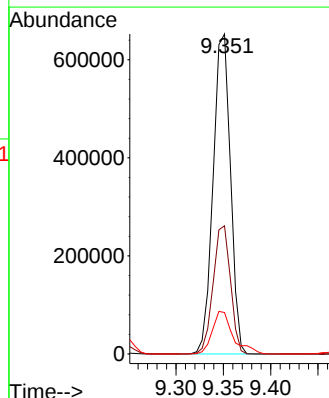
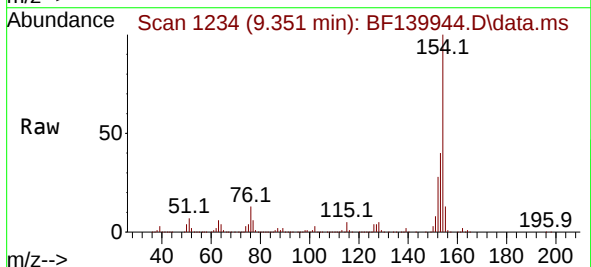
Tgt Ion:154 Resp: 830900

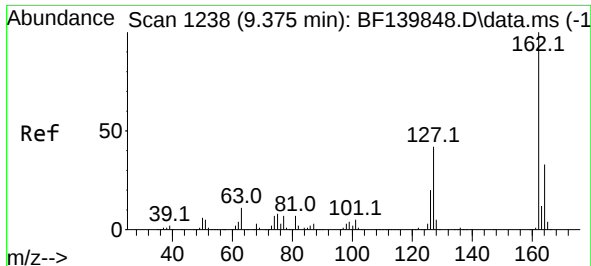
Ion Ratio Lower Upper

154 100

153 40.1 20.3 60.3

76 12.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.070 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139944.D

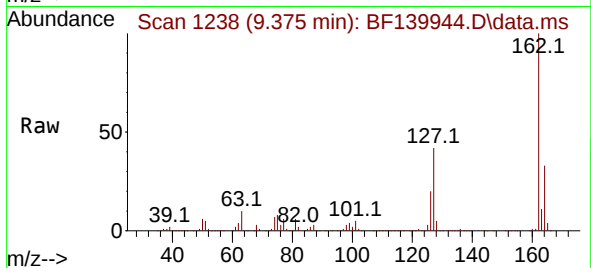
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD



Tgt Ion:162 Resp: 639075

Ion Ratio Lower Upper

162 100

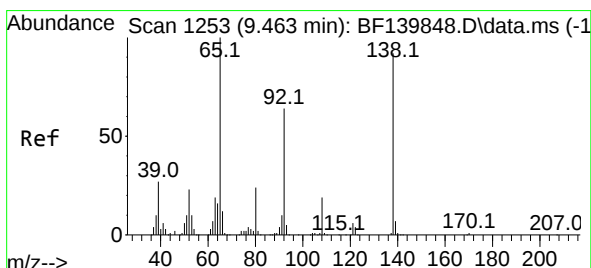
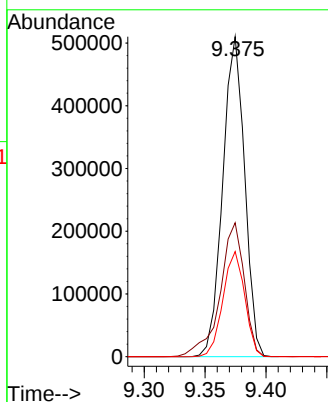
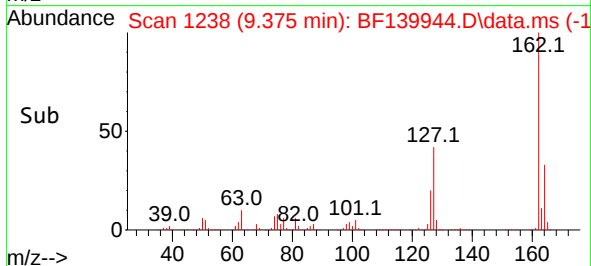
127 41.9 33.8 50.6

164 32.8 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#48

2-Nitroaniline

Concen: 50.301 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

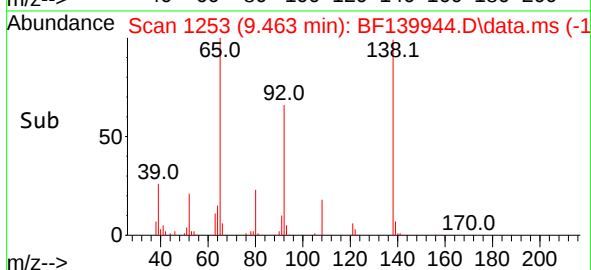
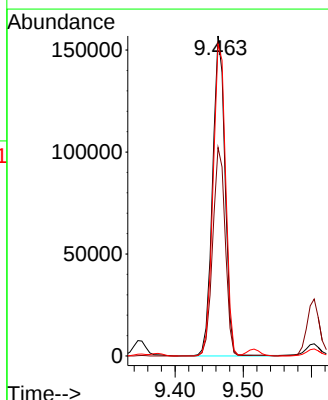
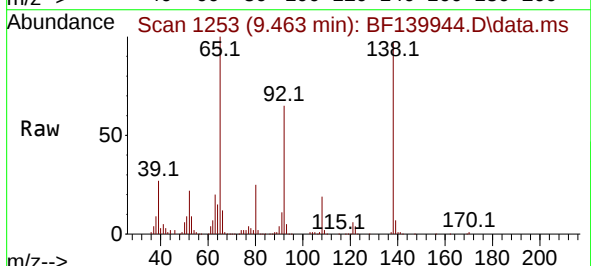
Tgt Ion: 65 Resp: 200362

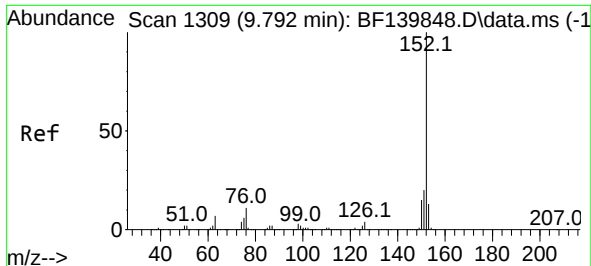
Ion Ratio Lower Upper

65 100

92 65.2 50.9 76.3

138 97.5 73.4 110.0





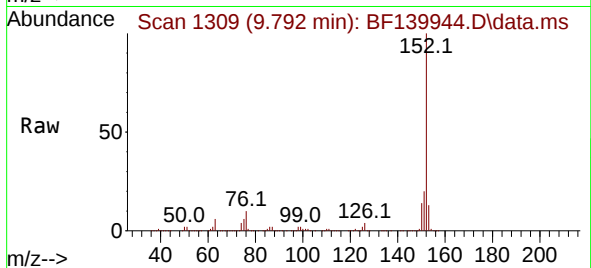
#49
Acenaphthylene
Concen: 51.715 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

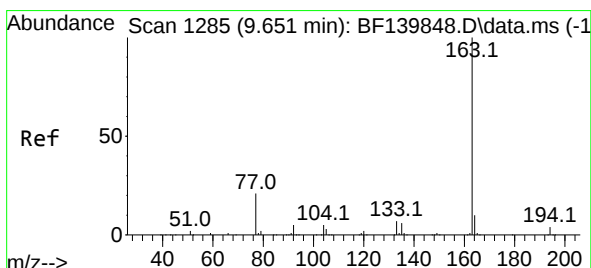
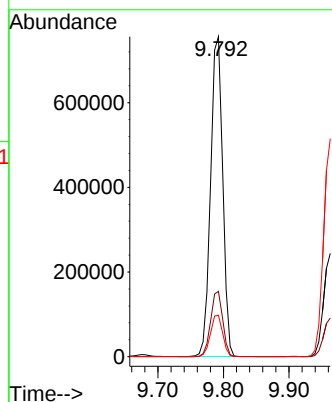
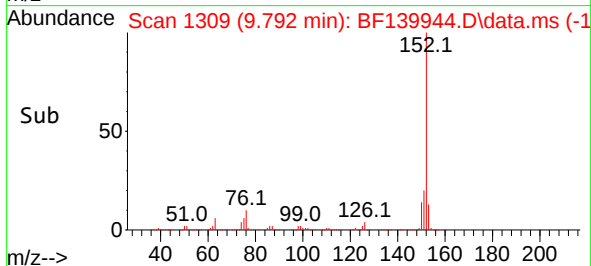


Tgt Ion:152 Resp: 97371
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.0 10.7 16.1

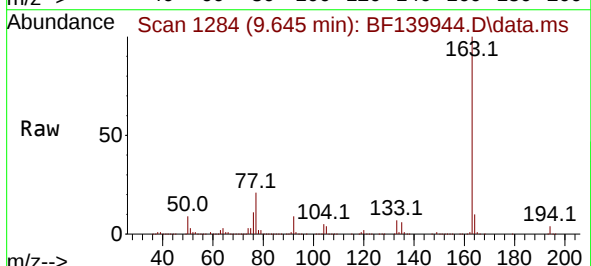
Manual Integrations

APPROVED

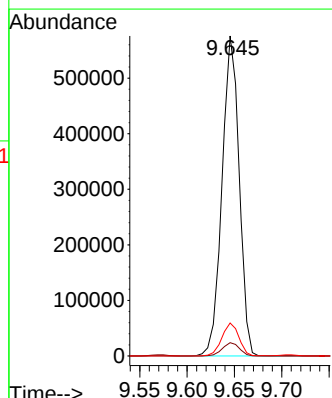
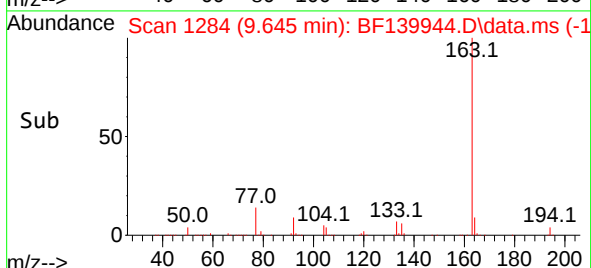
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

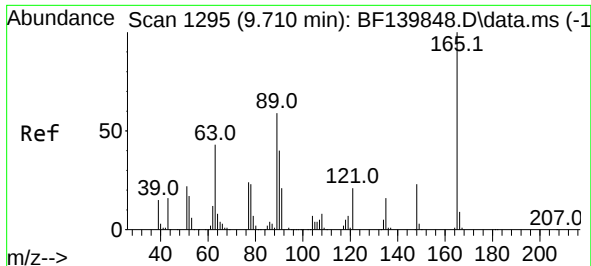


#50
Dimethylphthalate
Concen: 50.235 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:163 Resp: 726821
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.412 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

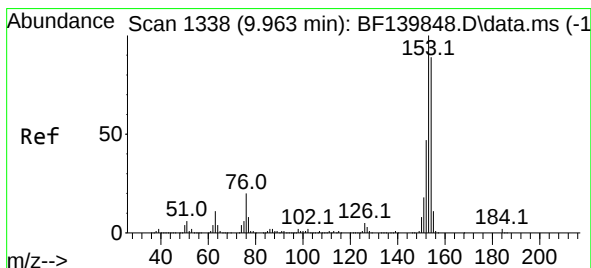
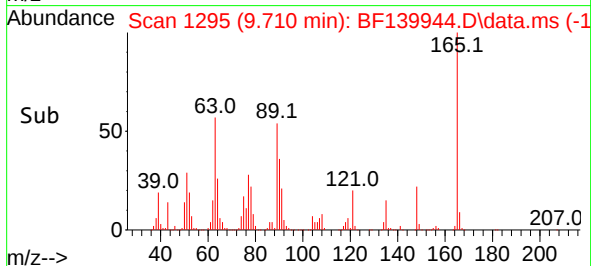
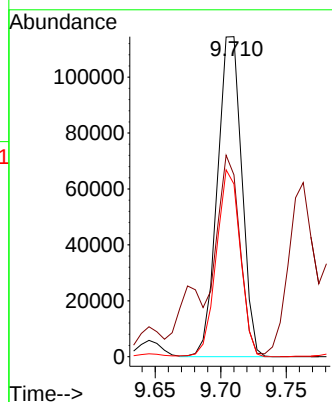
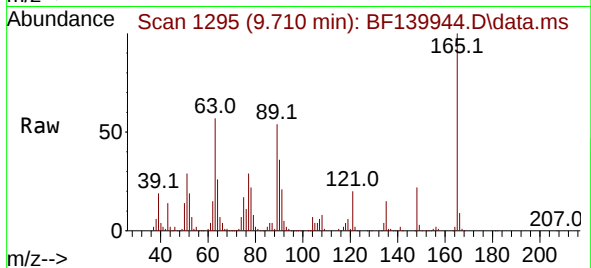
72-11934MSD

Tgt Ion:165 Resp: 14852
Ion Ratio Lower Upper
165 100
63 56.8 50.6 75.8
89 53.9 47.5 71.3

Manual Integrations

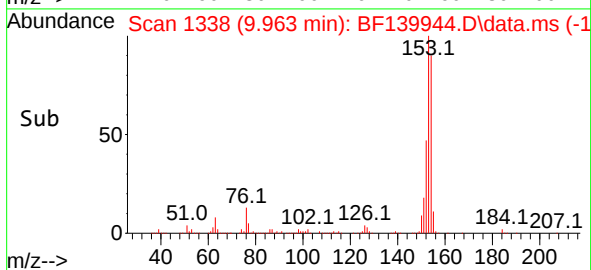
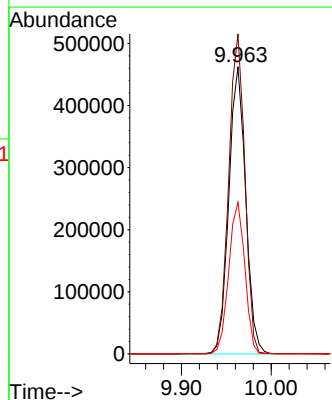
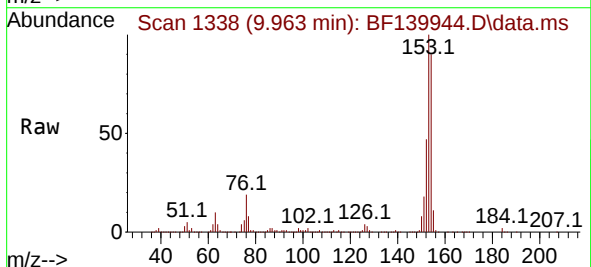
APPROVED

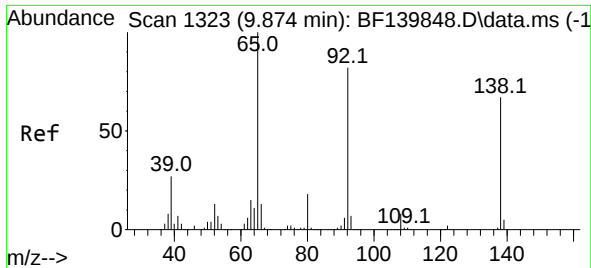
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#52
Acenaphthene
Concen: 49.626 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:154 Resp: 604440
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 52.8 42.4 63.6





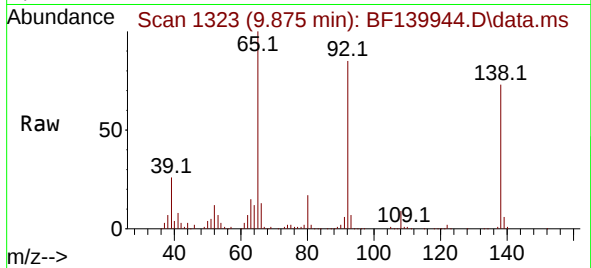
#53
3-Nitroaniline
Concen: 24.459 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

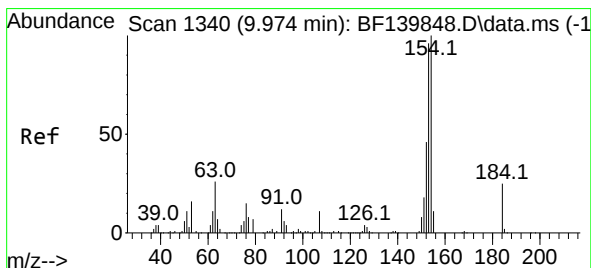
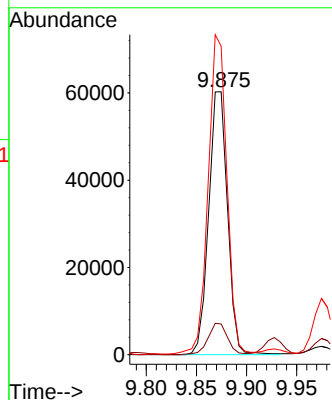
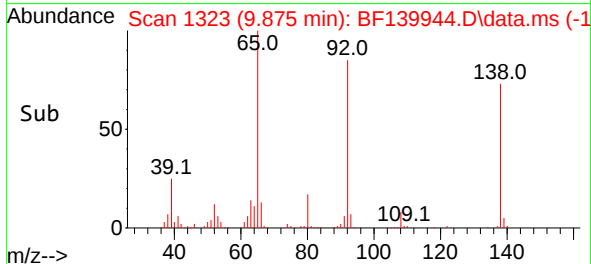


Tgt Ion:138 Resp: 79010
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 117.3 98.3 147.5

Manual Integrations

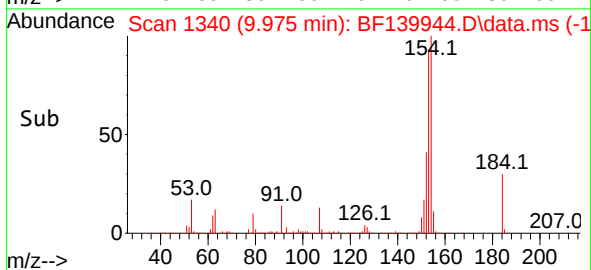
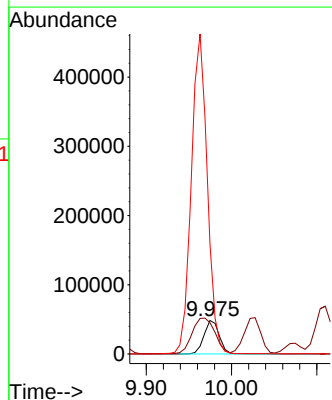
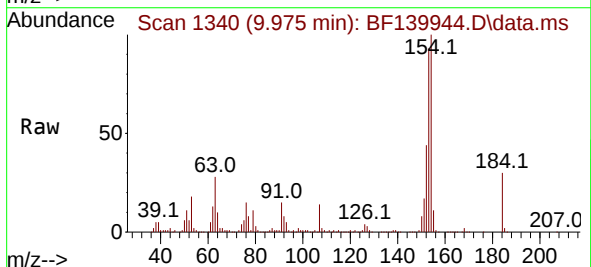
APPROVED

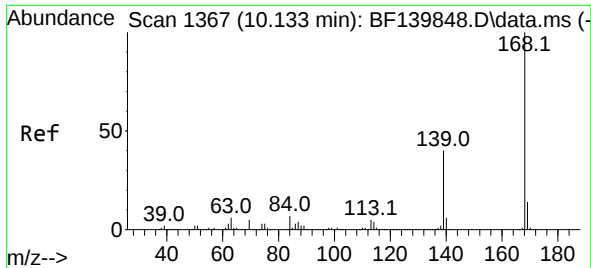
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#54
2,4-Dinitrophenol
Concen: 49.052 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:184 Resp: 60266
Ion Ratio Lower Upper
184 100
63 93.3 84.7 127.1
154 328.9 338.2 507.2#





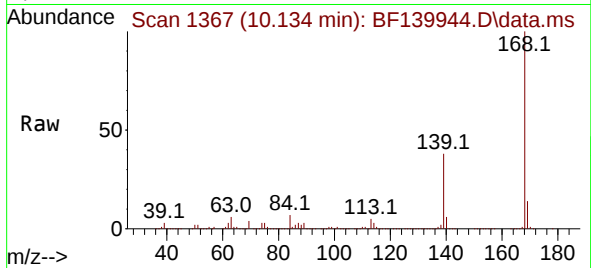
#55
Dibenzenofuran
Concen: 46.753 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

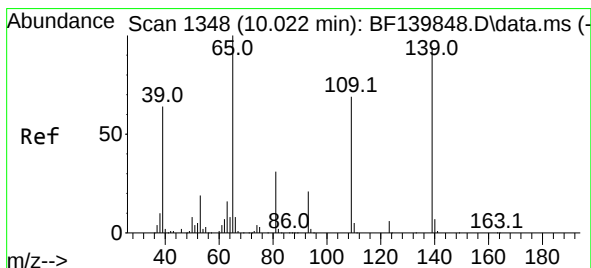
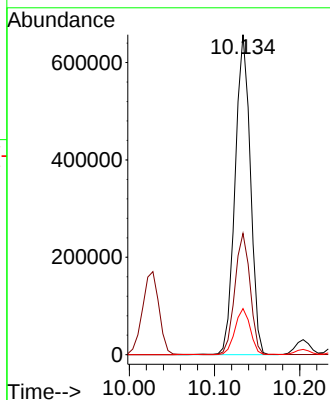
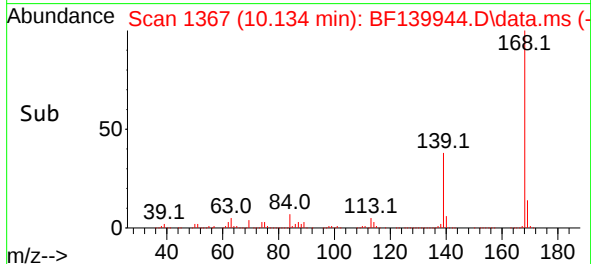


Tgt Ion:168 Resp: 817038
Ion Ratio Lower Upper
168 100
139 37.9 31.8 47.6
169 14.4 11.6 17.4

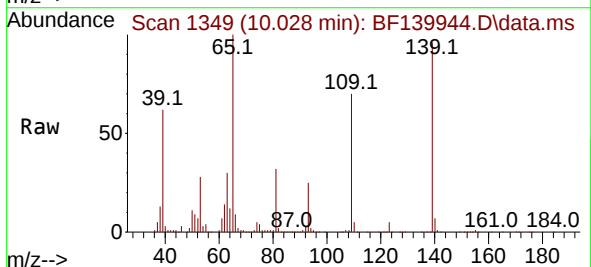
Manual Integrations

APPROVED

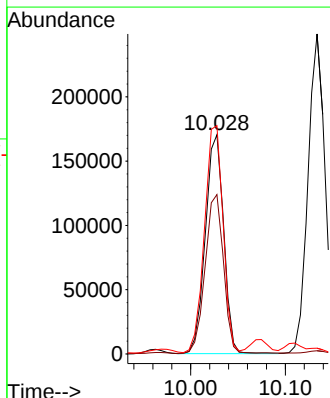
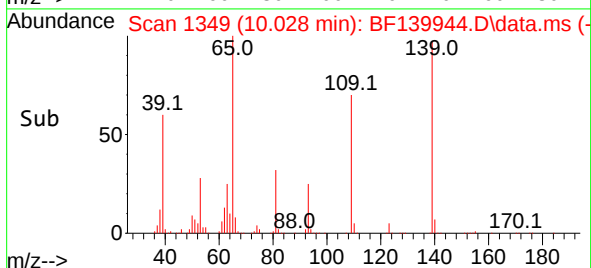
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

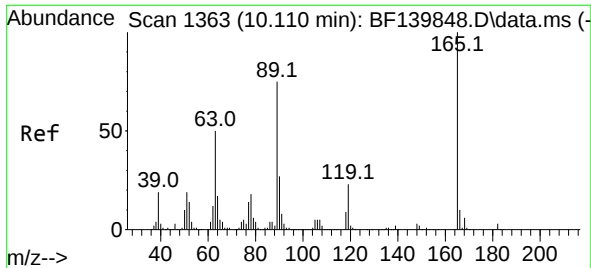


#56
4-Nitrophenol
Concen: 92.451 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



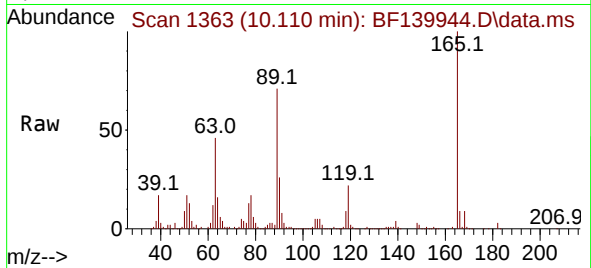
Tgt Ion:139 Resp: 229783
Ion Ratio Lower Upper
139 100
109 72.7 53.6 93.6
65 104.1 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 48.989 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

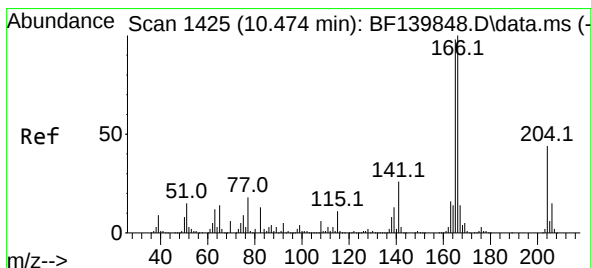
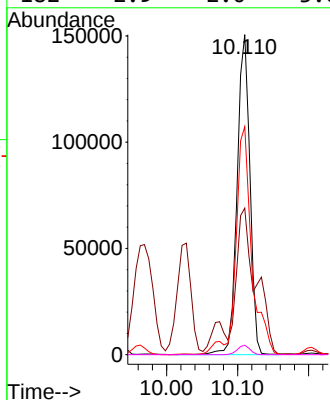
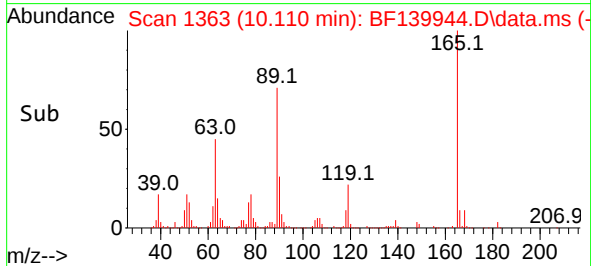
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:165 Resp: 188724
Ion Ratio Lower Upper
165 100
63 45.8 40.1 60.1
89 71.3 60.4 90.6
182 2.9 2.0 3.0

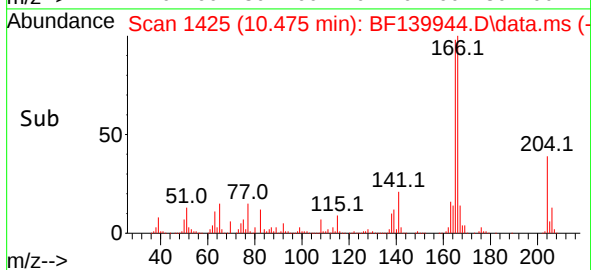
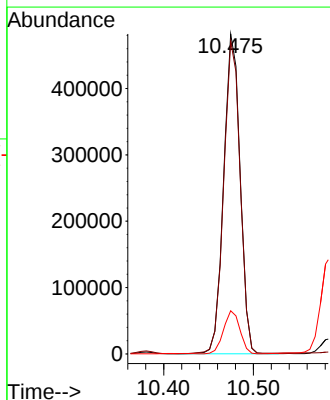
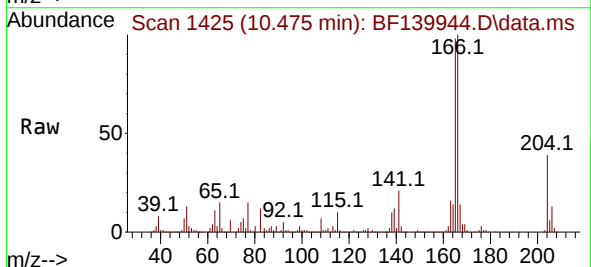
Manual Integrations
APPROVED

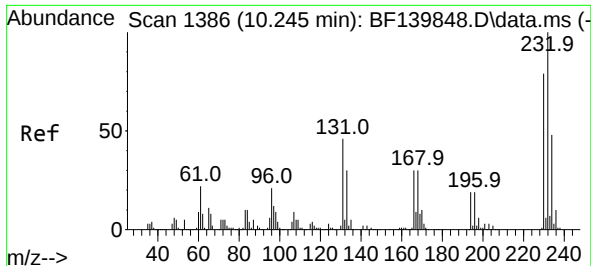
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#58
Fluorene
Concen: 45.908 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

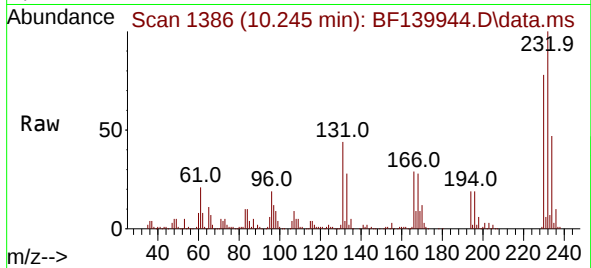
Tgt Ion:166 Resp: 611052
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.229 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

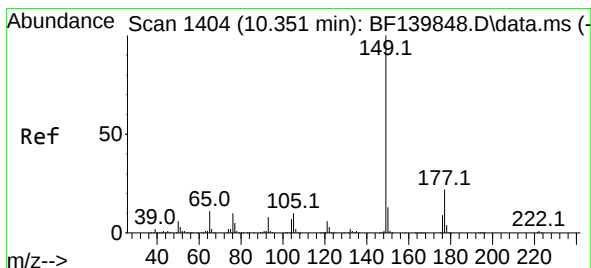
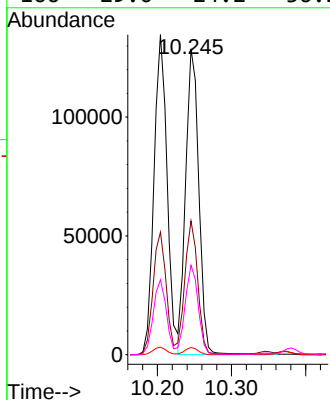
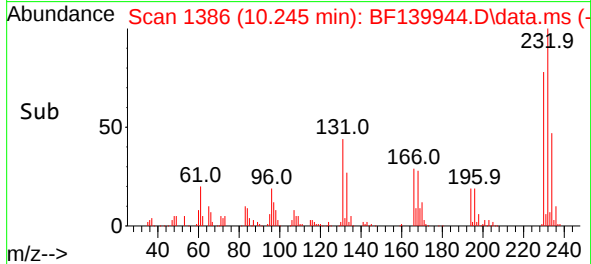
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:232 Resp: 15871
Ion Ratio Lower Upper
232 100
131 43.2 37.0 55.6
130 2.4 1.9 2.9
166 29.0 24.2 36.2

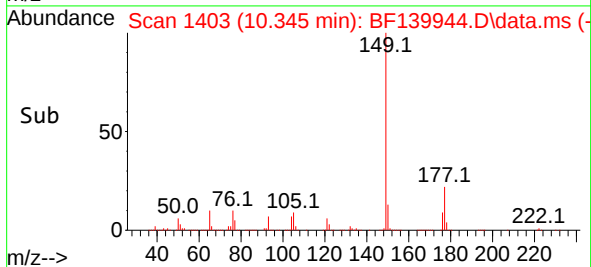
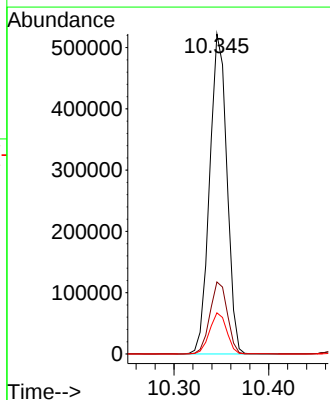
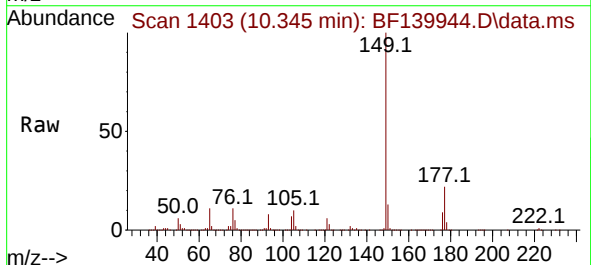
Manual Integrations
APPROVED

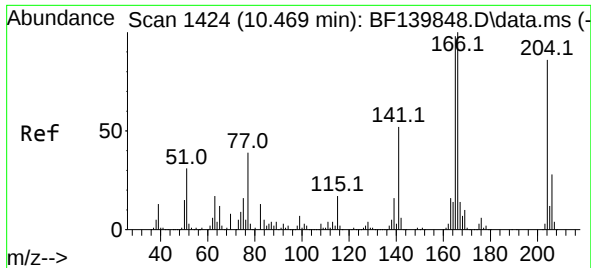
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 46.451 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

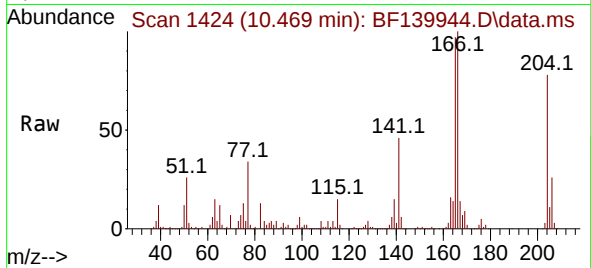
Tgt Ion:149 Resp: 659869
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.748 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

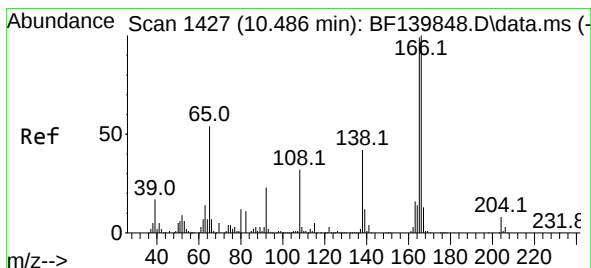
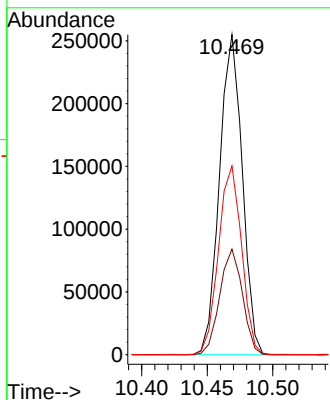
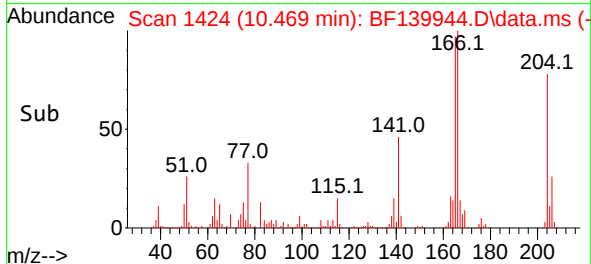
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



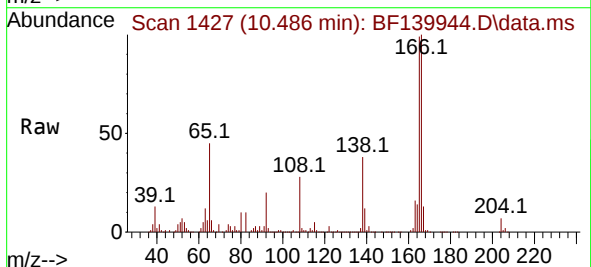
Tgt Ion:204 Resp: 30750
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.0 48.6 73.0

Manual Integrations
APPROVED

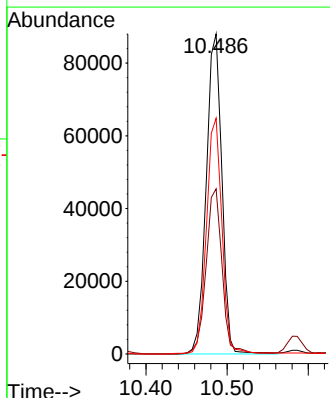
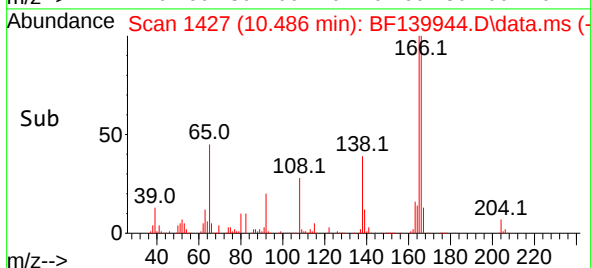
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

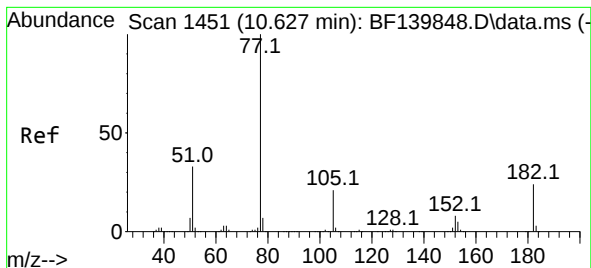


#62
4-Nitroaniline
Concen: 38.430 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:138 Resp: 117257
Ion Ratio Lower Upper
138 100
92 51.6 35.7 75.7
108 73.7 57.5 97.5





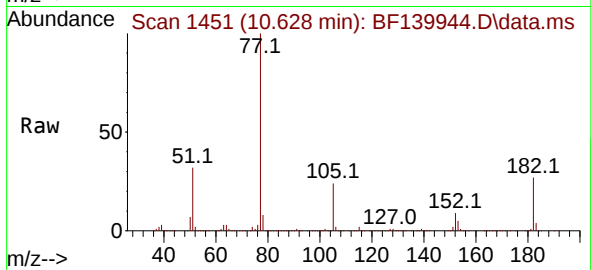
#63
Azobenzene
Concen: 44.770 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

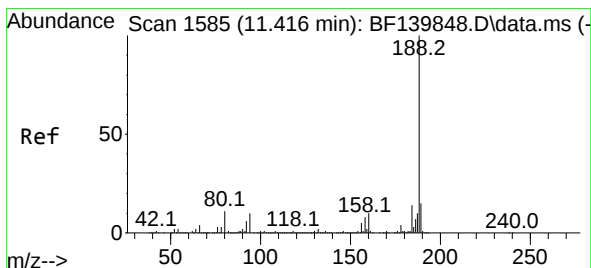
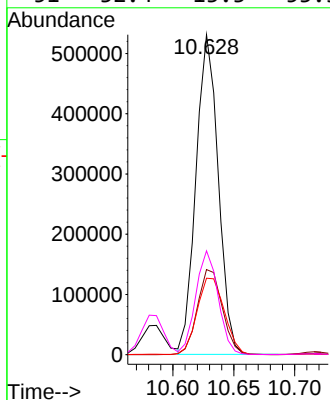
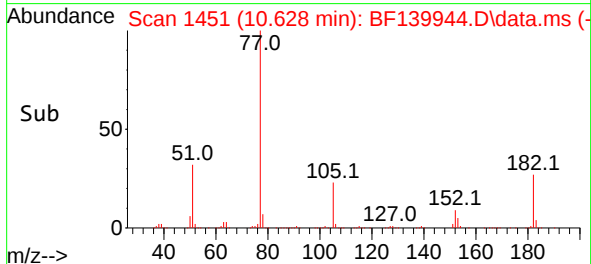


Tgt Ion: 77 Resp: 67426
Ion Ratio Lower Upper
77 100
182 26.6 3.3 43.3
105 23.9 1.2 41.2
51 32.4 13.3 53.3

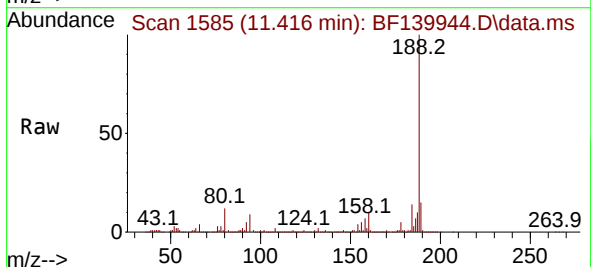
Manual Integrations

APPROVED

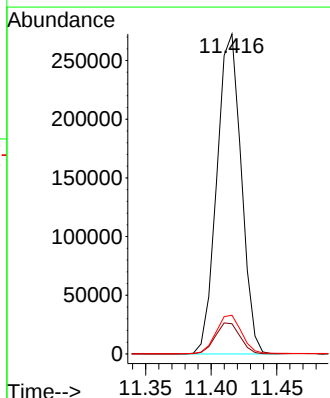
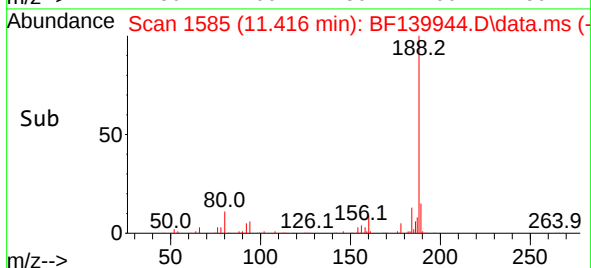
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

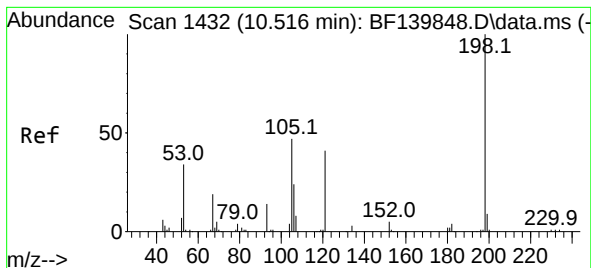


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:188 Resp: 353031
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 12.1 9.0 13.4





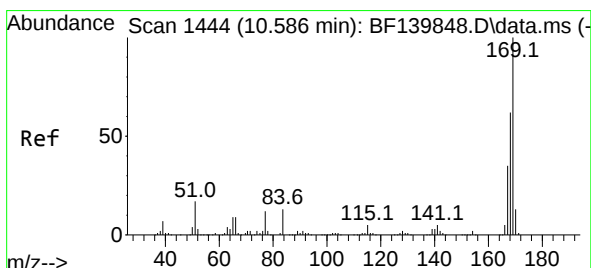
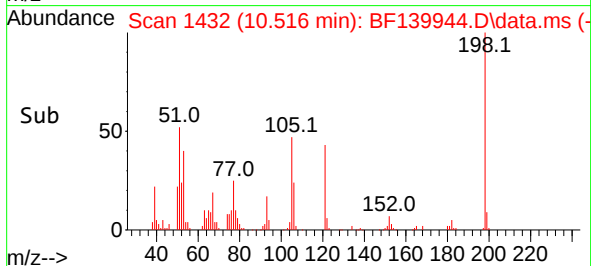
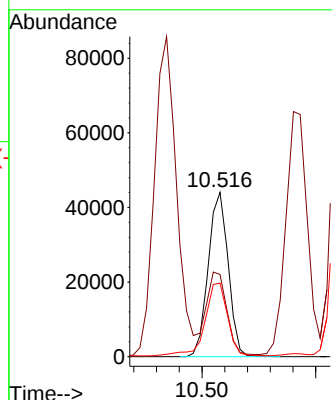
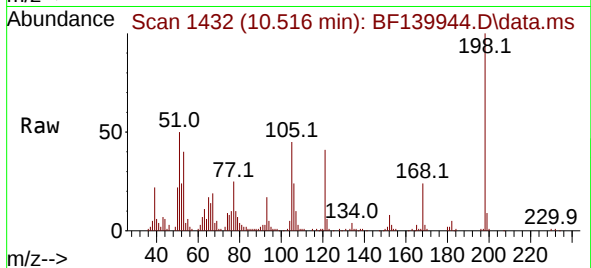
#65
4,6-Dinitro-2-methylphenol
Concen: 37.335 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :
BNA_F
ClientSampleId :
72-11934MSD

Tgt Ion:198 Resp: 5376
Ion Ratio Lower Upper
198 100
51 50.1 38.2 78.2
105 44.8 27.9 67.9

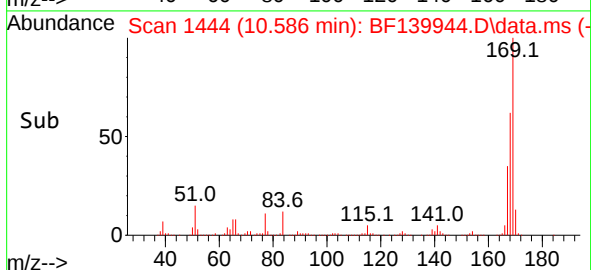
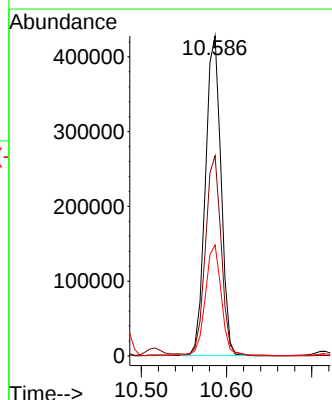
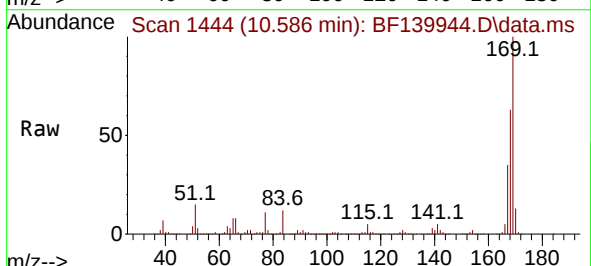
Manual Integrations
APPROVED

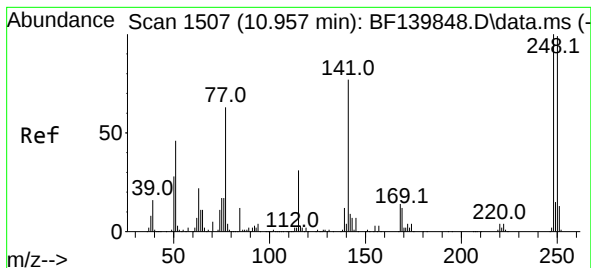
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#66
n-Nitrosodiphenylamine
Concen: 51.261 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:169 Resp: 541631
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.7 28.0 42.0





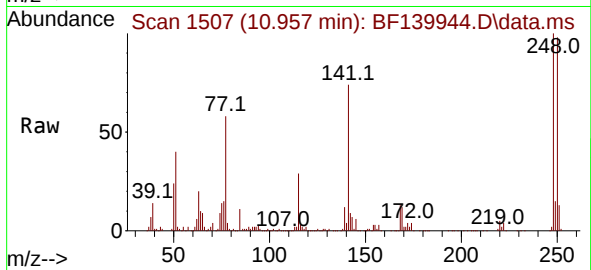
#67
4-Bromophenyl-phenylether
Concen: 50.655 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

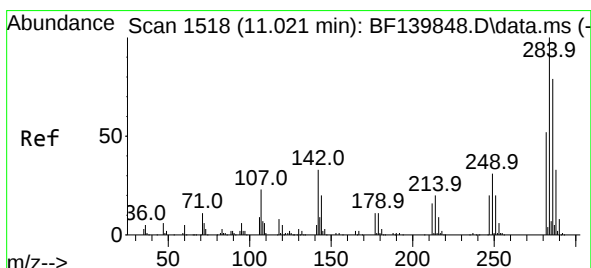
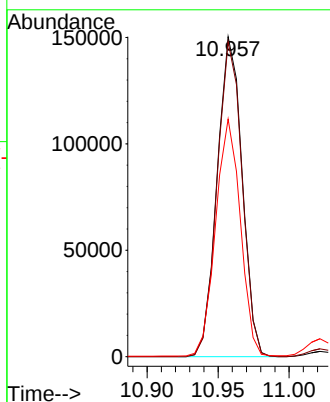
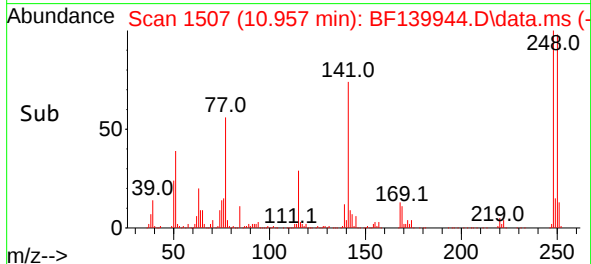


Tgt Ion:248 Resp: 184220
Ion Ratio Lower Upper
248 100
250 98.4 79.0 118.6
141 74.3 61.7 92.5

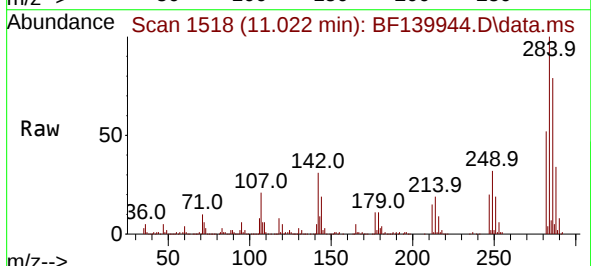
Manual Integrations

APPROVED

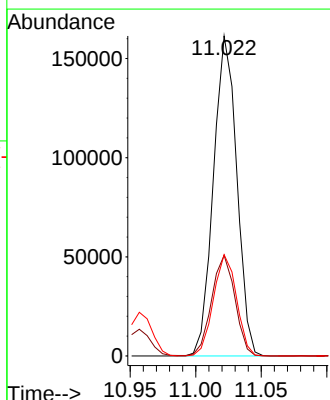
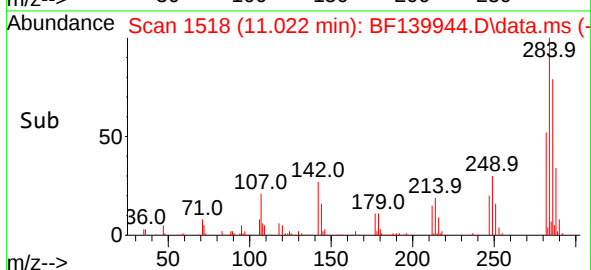
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

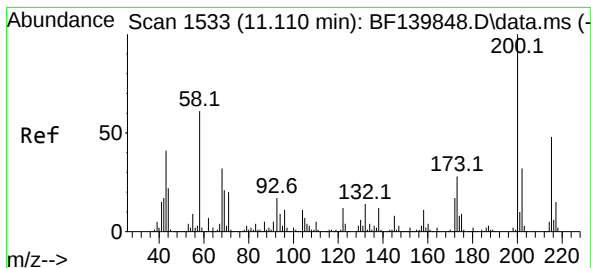


#68
Hexachlorobenzene
Concen: 48.763 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:284 Resp: 199455
Ion Ratio Lower Upper
284 100
142 31.4 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 59.904 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

Tgt Ion:200 Resp: 171458

Ion Ratio Lower Upper

200 100

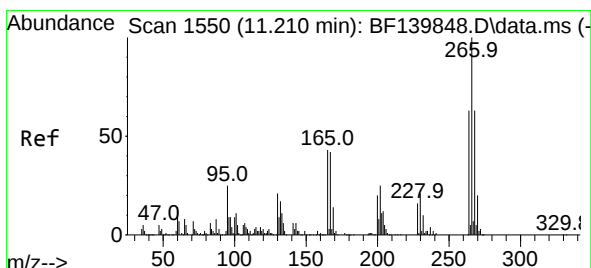
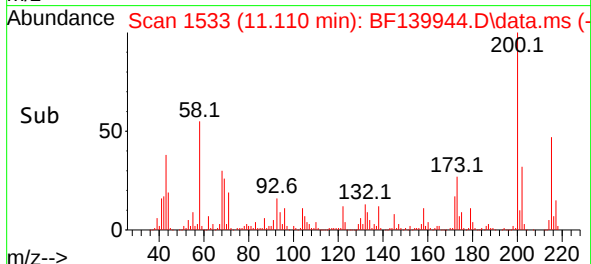
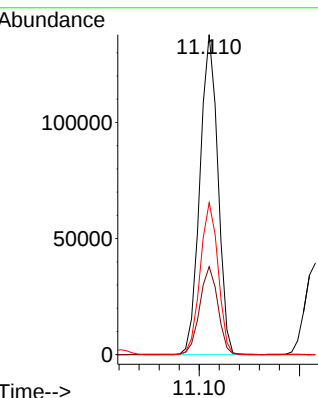
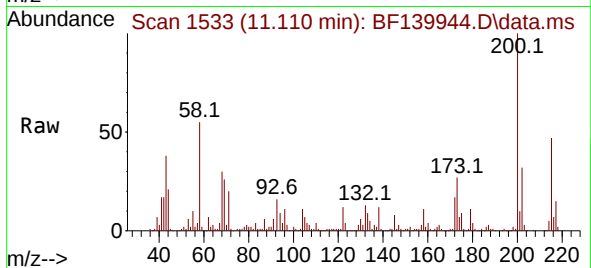
173 27.5 7.7 47.7

215 47.5 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 114.396 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

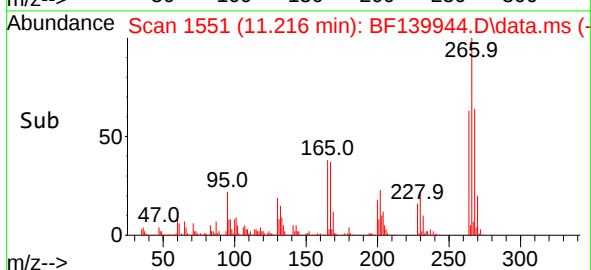
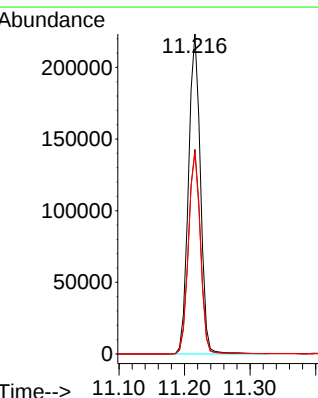
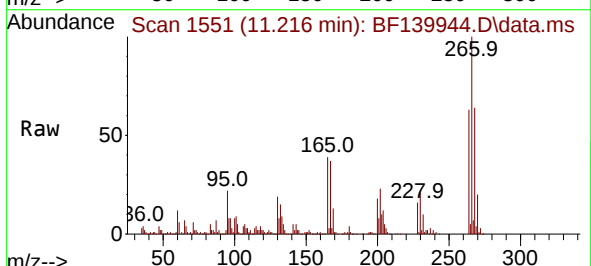
Tgt Ion:266 Resp: 283978

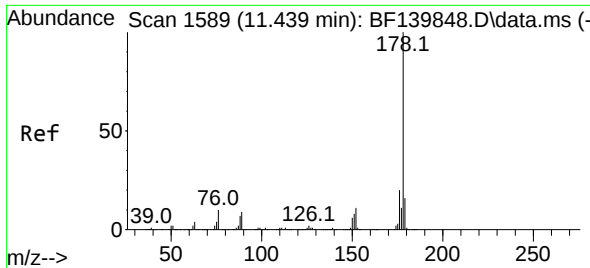
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 62.9 50.6 75.8





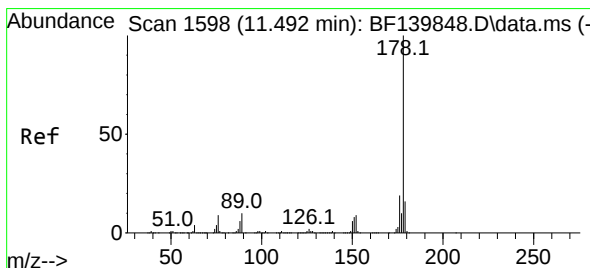
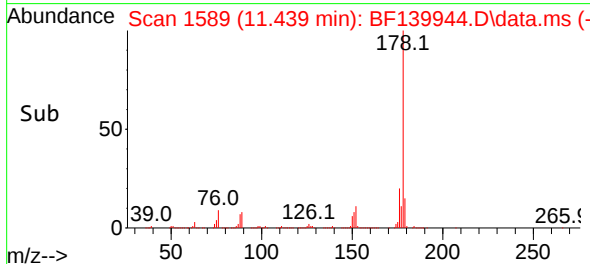
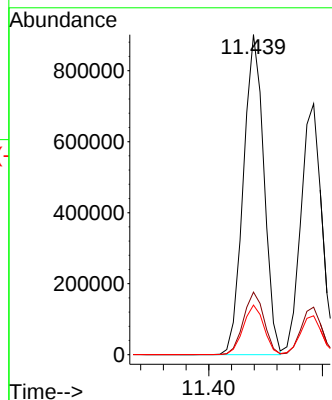
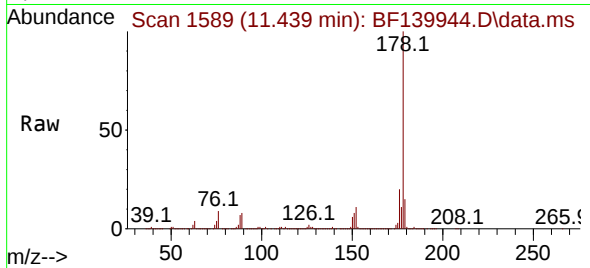
#71
Phenanthrene
Concen: 67.904 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :
BNA_F
ClientSampleId :
72-11934MSD

Tgt Ion:178 Resp: 113234
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.5 12.6 18.8

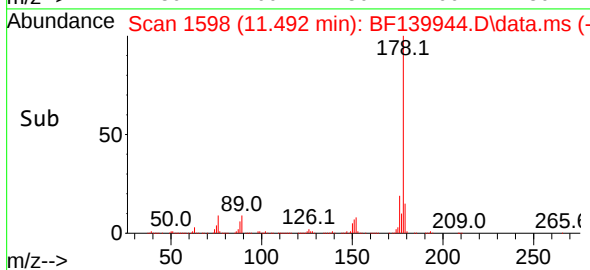
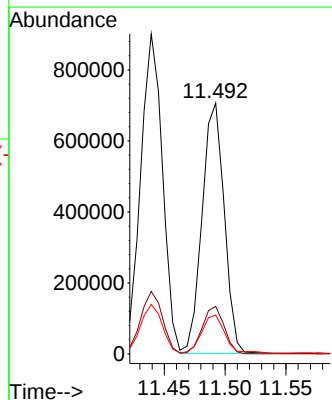
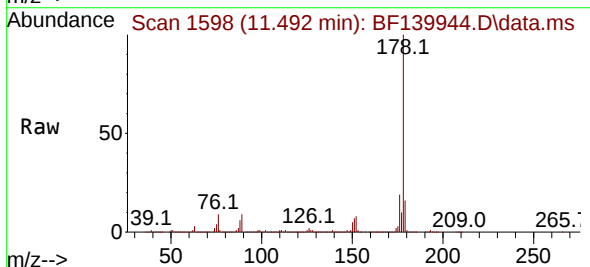
Manual Integrations
APPROVED

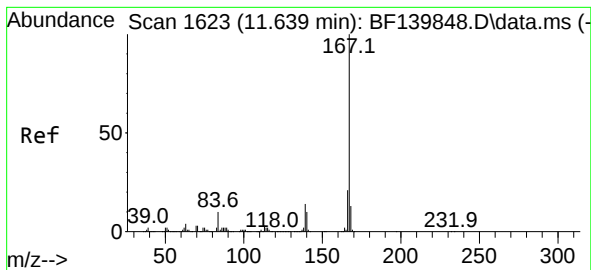
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#72
Anthracene
Concen: 54.860 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

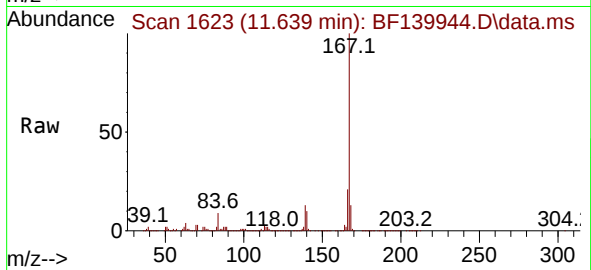
Tgt Ion:178 Resp: 892589
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 52.038 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46

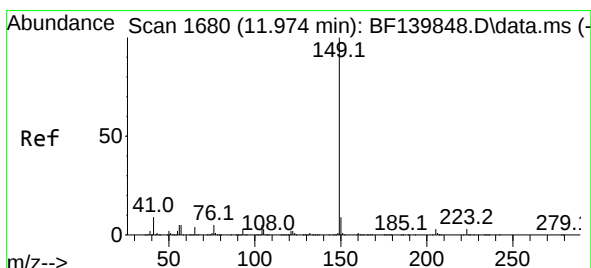
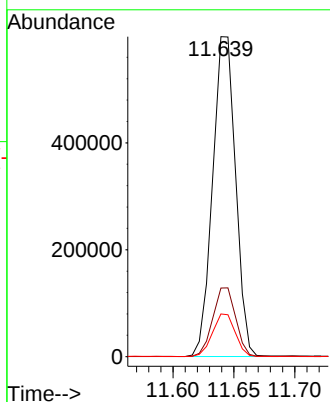
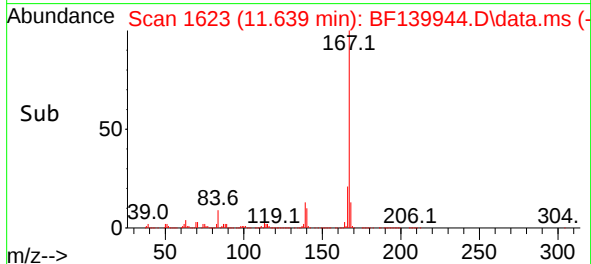
Instrument :
 BNA_F
 ClientSampleId :
 72-11934MSD



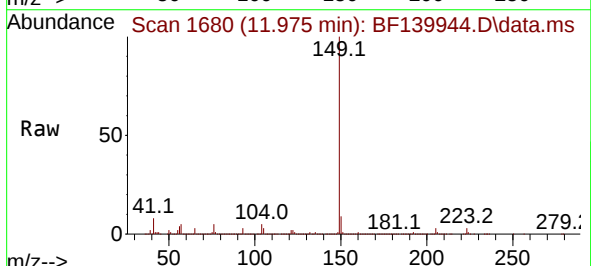
Tgt Ion:167 Resp: 787423
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.4 10.8 16.2

Manual Integrations
 APPROVED

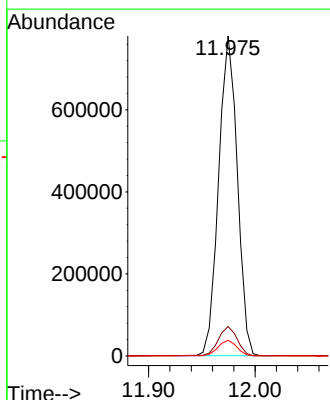
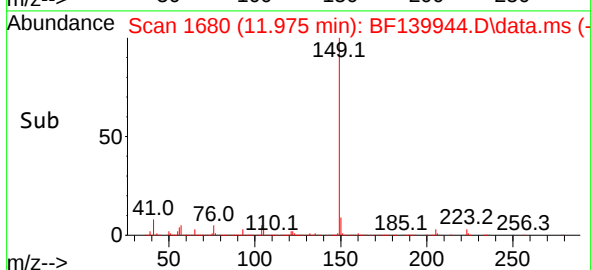
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

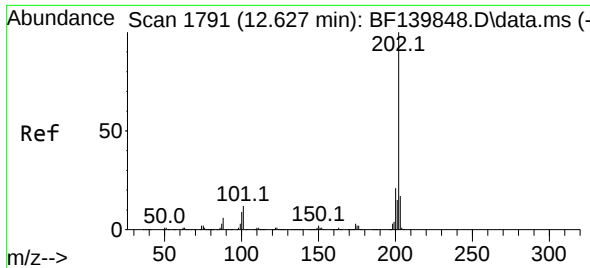


#74
 Di-n-butylphthalate
 Concen: 54.097 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46



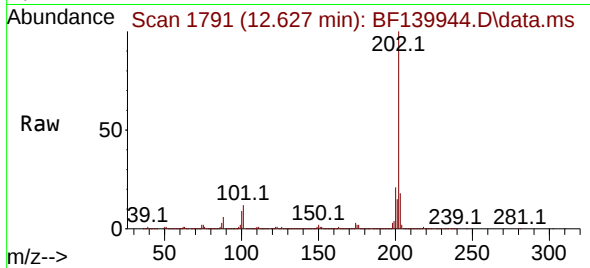
Tgt Ion:149 Resp: 945733
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 94.844 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

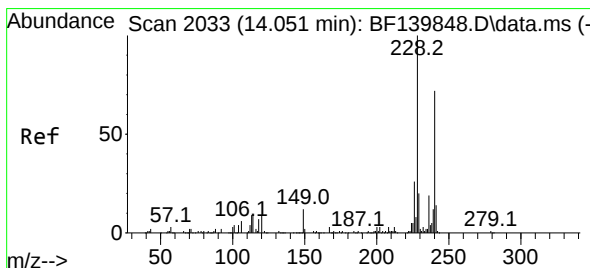
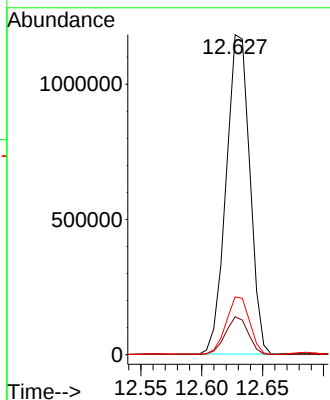
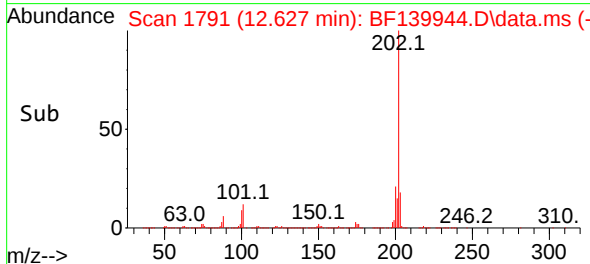
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



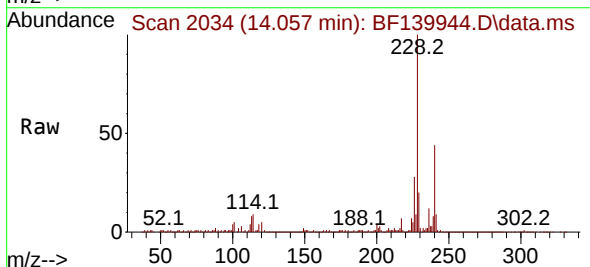
Tgt Ion:202 Resp: 159886
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 18.1 0.0 37.5

Manual Integrations
APPROVED

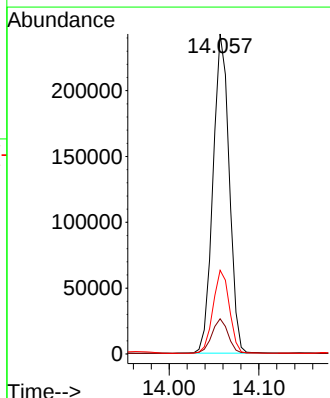
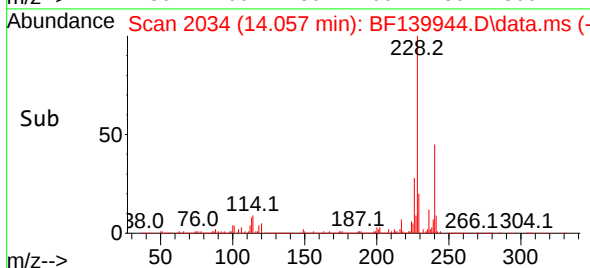
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

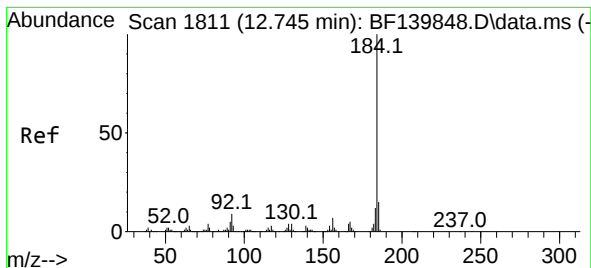


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46



Tgt Ion:240 Resp: 304375
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 46.054 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

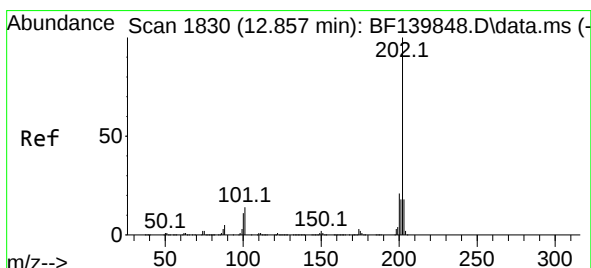
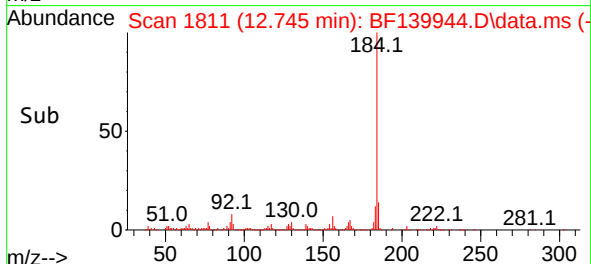
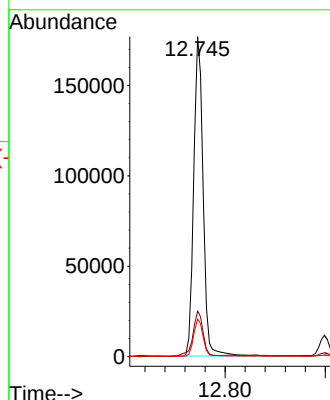
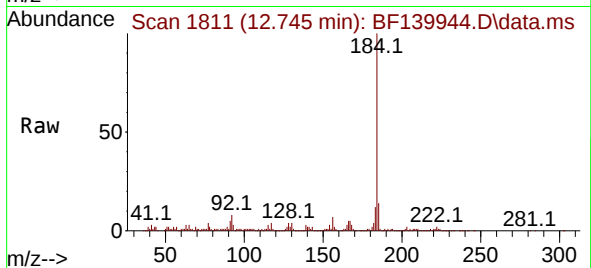
72-11934MSD

Tgt Ion:184 Resp: 230497
 Ion Ratio Lower Upper
 184 100
 185 14.2 12.0 18.0
 183 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#78

Pyrene

Concen: 60.819 ng

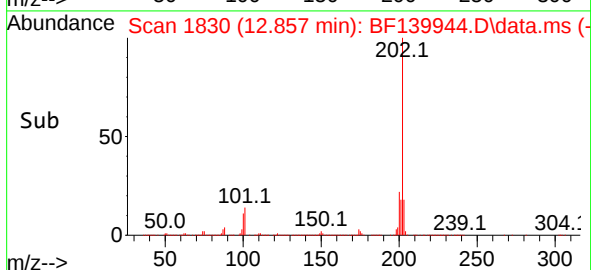
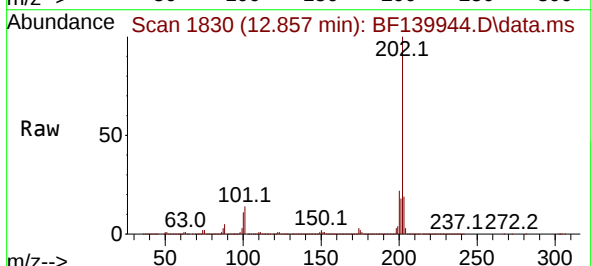
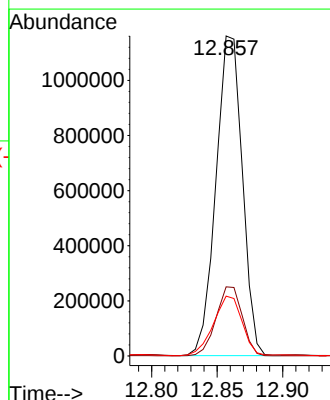
RT: 12.857 min Scan# 1830

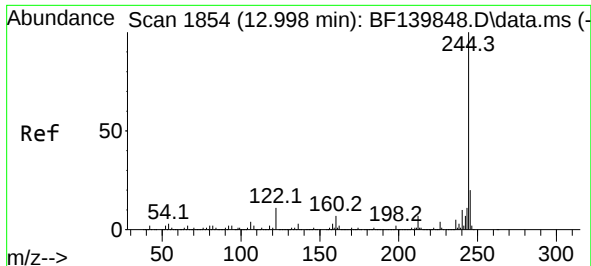
Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Tgt Ion:202 Resp: 1620393
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.2 25.8
 203 18.7 14.2 21.4





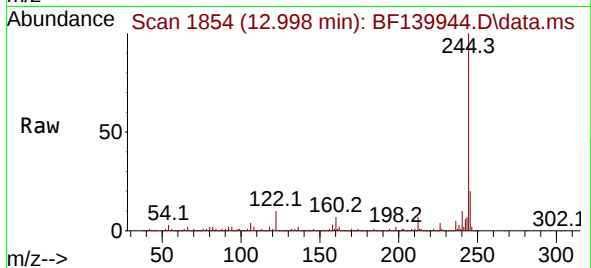
#79
 Terphenyl-d14
 Concen: 63.320 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

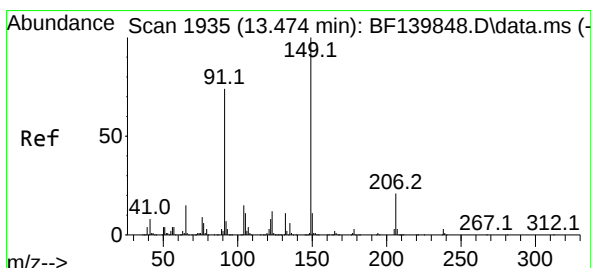
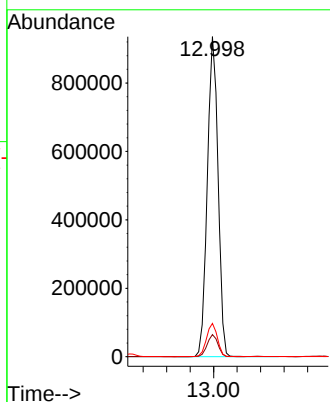
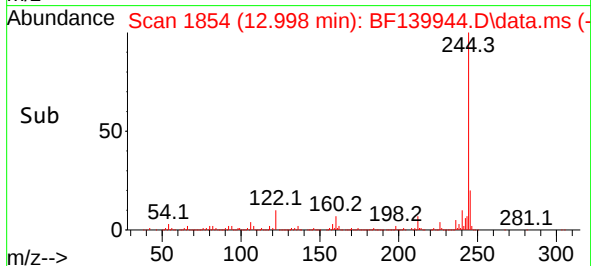


Tgt Ion:244 Resp: 118276
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.4 8.6 13.0

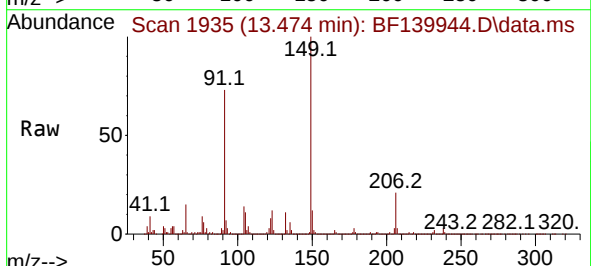
Manual Integrations

APPROVED

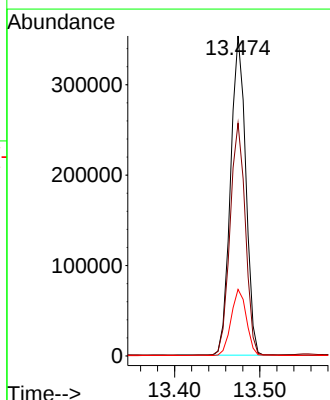
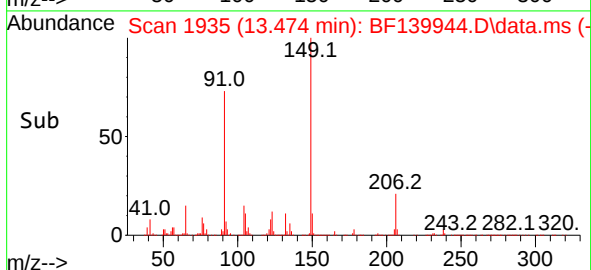
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

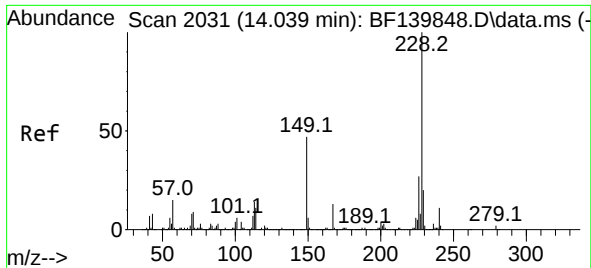


#80
 Butylbenzylphthalate
 Concen: 54.769 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139944.D
 Acq: 22 Oct 2024 22:46



Tgt Ion:149 Resp: 437471
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.4 89.2
 206 20.8 16.4 24.6





#81
Benzo(a)anthracene
Concen: 71.497 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

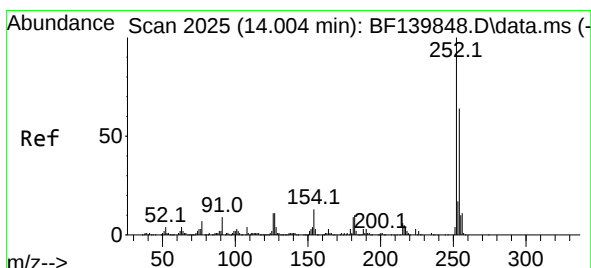
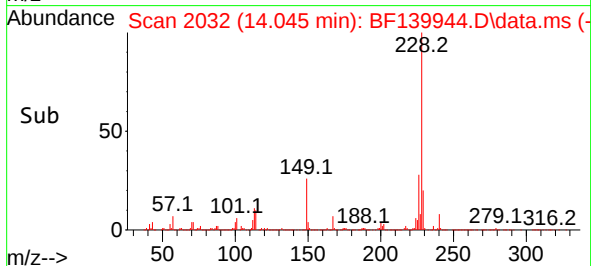
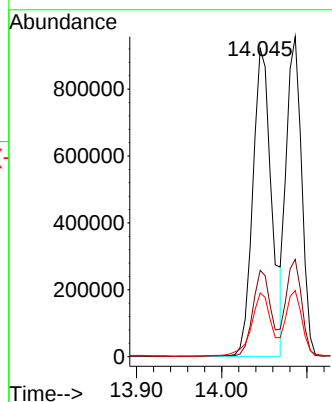
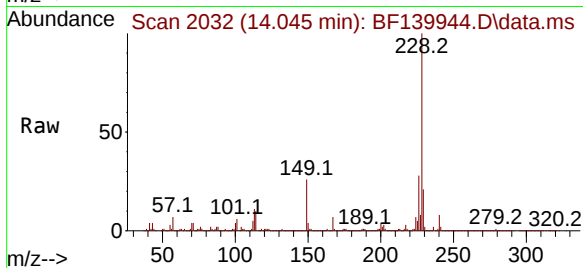
ClientSampleId :

72-11934MSD

Tgt Ion:228 Resp: 141663
Ion Ratio Lower Upper
228 100
226 28.0 21.6 32.4
229 20.7 16.1 24.1

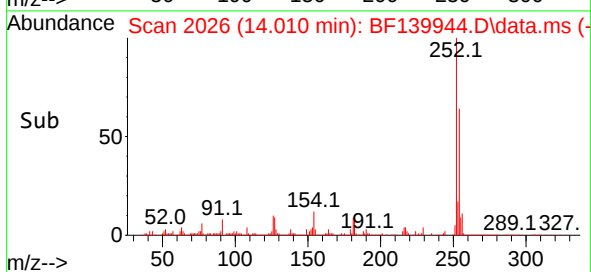
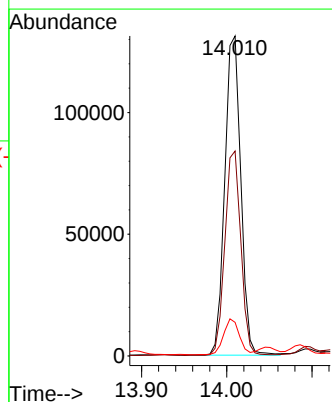
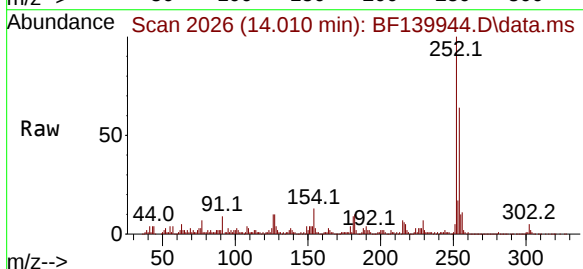
Manual Integrations
APPROVED

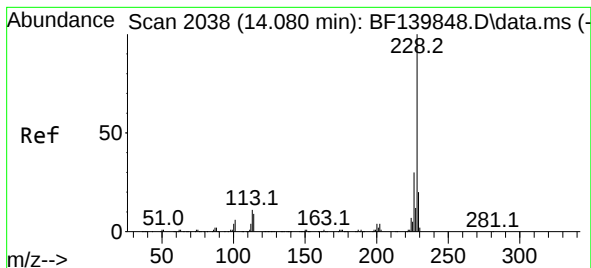
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#82
3,3'-Dichlorobenzidine
Concen: 29.672 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:252 Resp: 171417
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 10.5 8.9 13.3





#83

Chrysene

Concen: 65.173 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

Tgt Ion:228 Resp: 118399

Ion Ratio Lower Upper

228 100

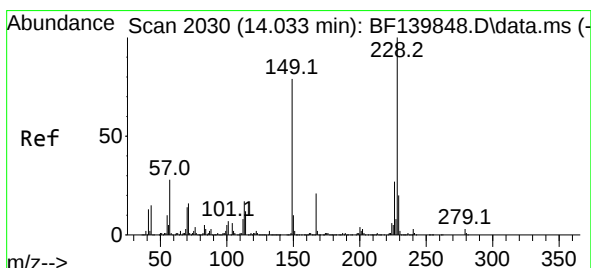
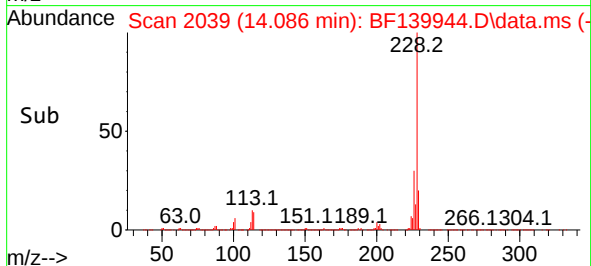
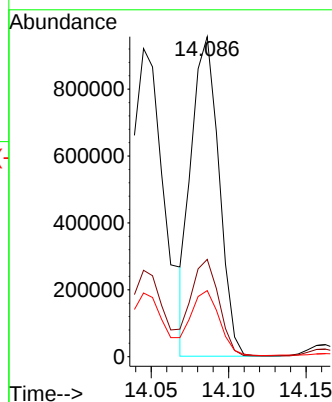
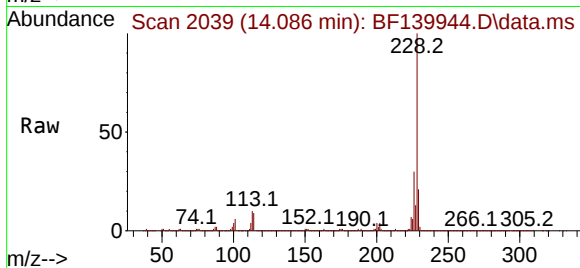
226 30.4 24.1 36.1

229 20.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.940 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

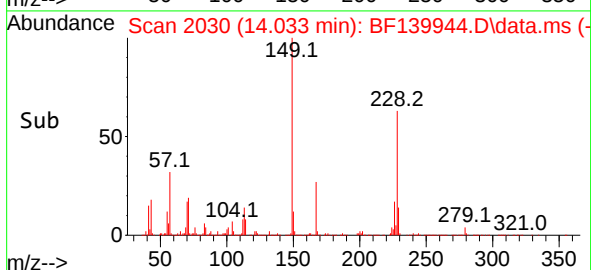
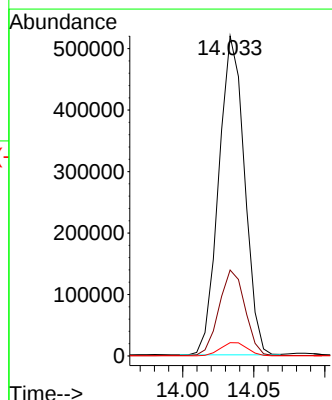
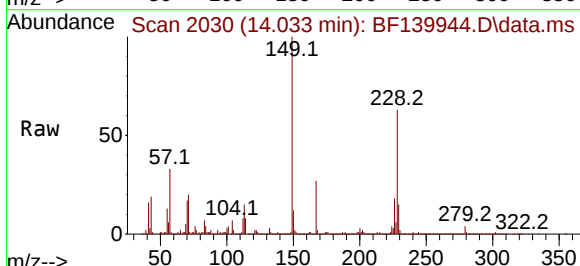
Tgt Ion:149 Resp: 653661

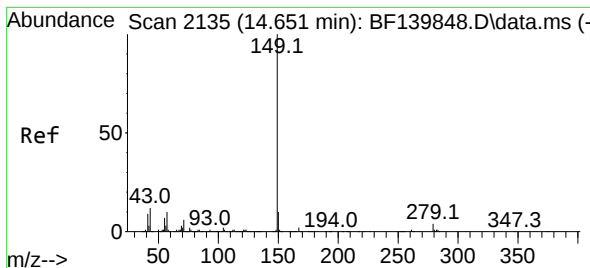
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

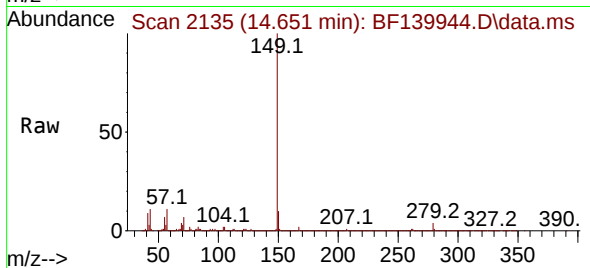
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 71.690 ng
RT: 14.651 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

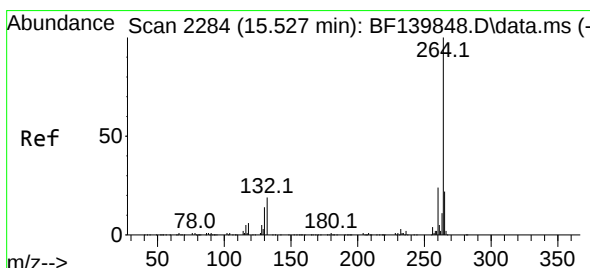
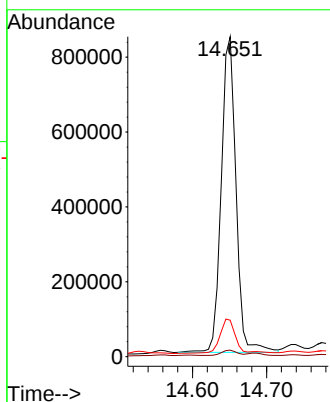
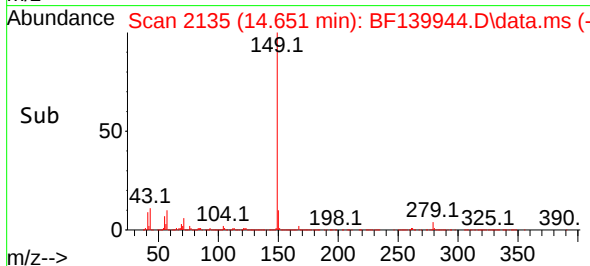
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:149 Resp: 116856
Ion Ratio Lower Upper
149 100
167 2.2 1.2 1.8
43 12.1 9.8 14.6

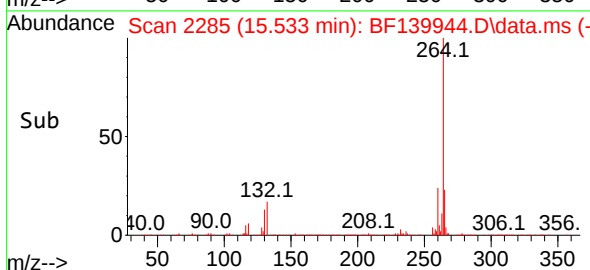
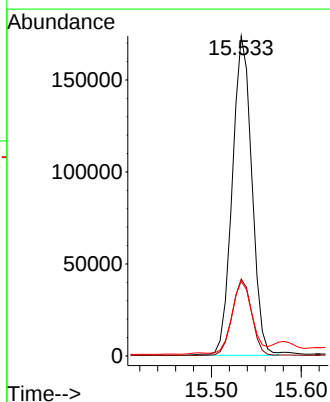
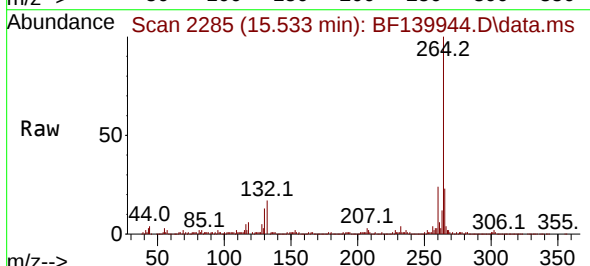
Manual Integrations
APPROVED

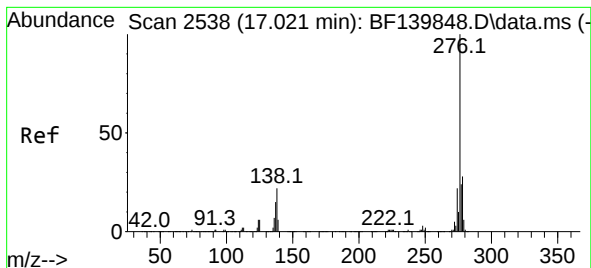
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:264 Resp: 262279
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 23.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.924 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

72-11934MSD

Tgt Ion:276 Resp: 825504

Ion Ratio Lower Upper

276 100

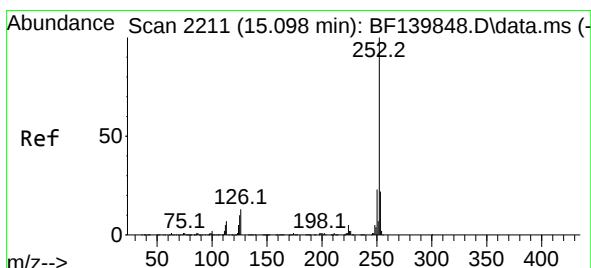
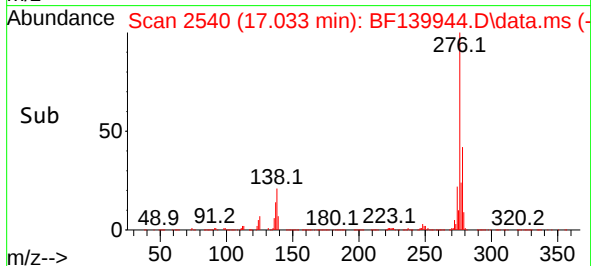
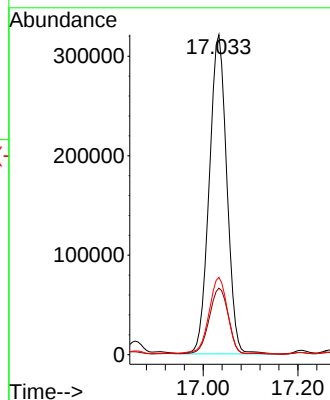
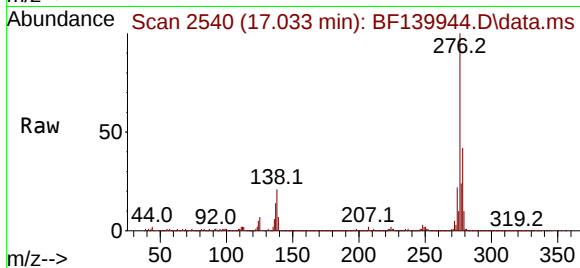
138 22.2 20.4 30.6

277 24.8 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#88

Benzo(b)fluoranthene

Concen: 84.551 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139944.D

Acq: 22 Oct 2024 22:46

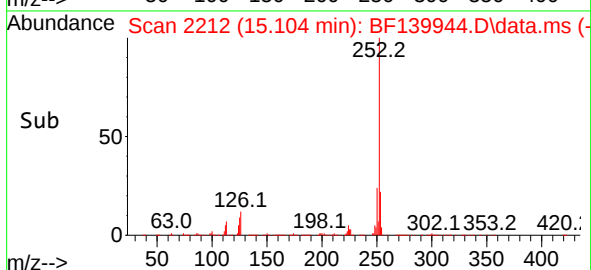
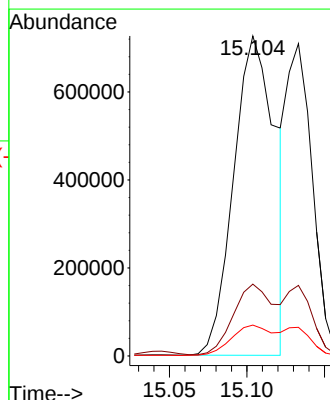
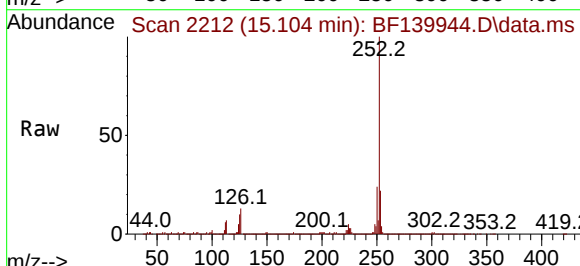
Tgt Ion:252 Resp: 1350871

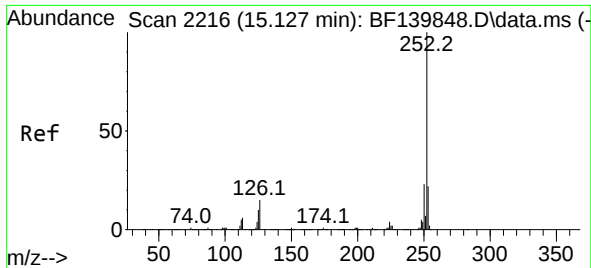
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

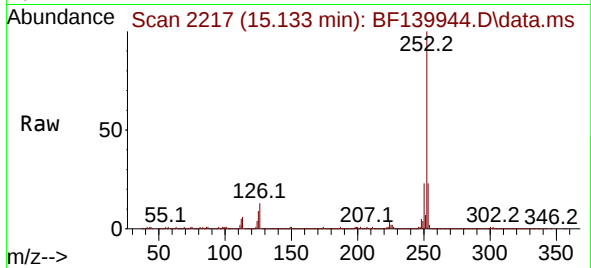
125 9.7 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 58.663 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

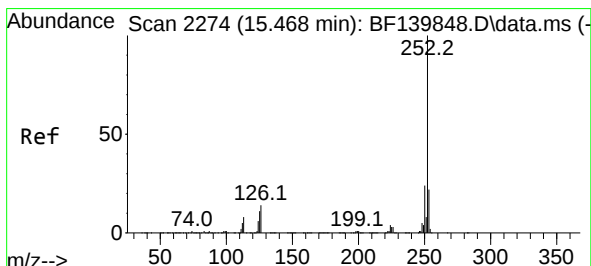
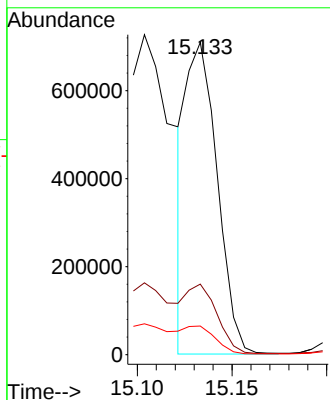
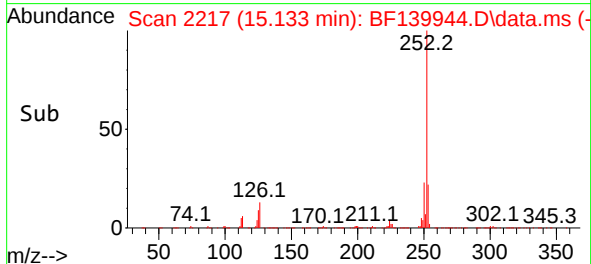
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:252 Resp: 80830
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 9.2 7.9 11.9

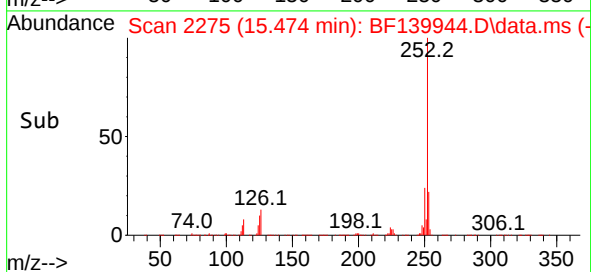
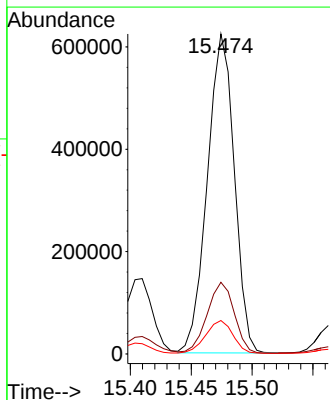
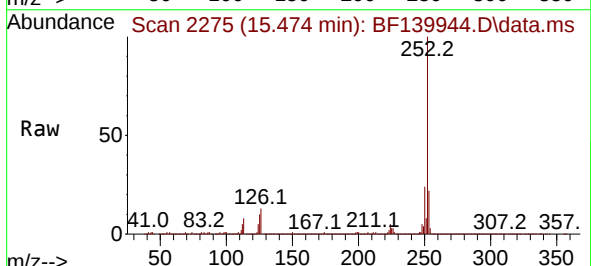
Manual Integrations
APPROVED

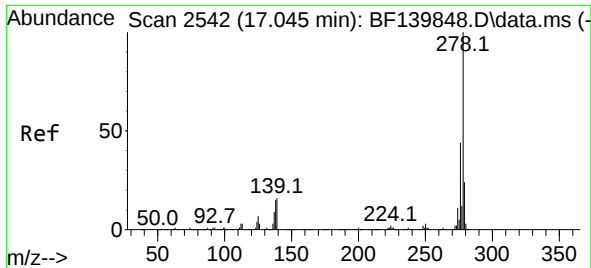
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#90
Benzo(a)pyrene
Concen: 73.186 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

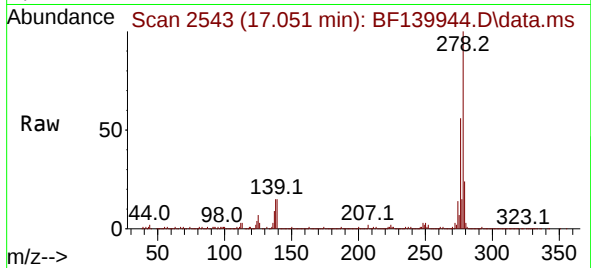
Tgt Ion:252 Resp: 962129
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 41.435 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

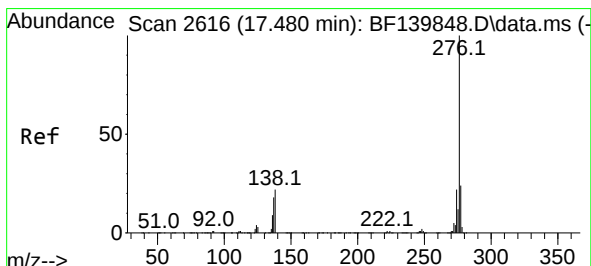
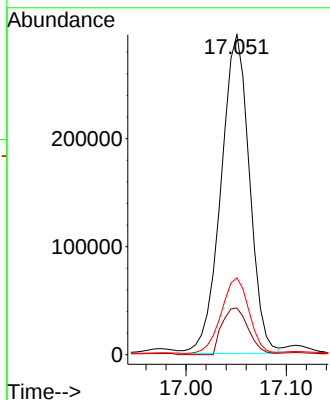
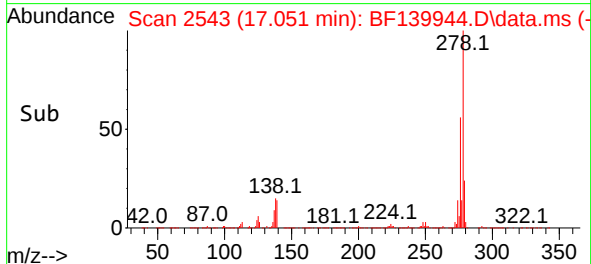
Instrument :
BNA_F
ClientSampleId :
72-11934MSD



Tgt Ion:278 Resp: 583238
Ion Ratio Lower Upper
278 100
139 14.6 13.1 19.7
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#92
Benzo(g,h,i)perylene
Concen: 46.745 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139944.D
Acq: 22 Oct 2024 22:46

Tgt Ion:276 Resp: 657238
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 19.4 17.4 26.0

