

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139606.D
 Acq On : 02 Oct 2024 15:00
 Operator : RC/JU
 Sample : P4212-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMSD

Quant Time: Oct 02 15:21:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92638	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	349946	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	197793	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	372524	20.000	ng	0.00
76) Chrysene-d12	14.033	240	193895	20.000	ng	0.00
86) Perylene-d12	15.498	264	180833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	550389	102.977	ng	0.00
7) Phenol-d6	6.498	99	740811	103.068	ng	0.00
23) Nitrobenzene-d5	7.428	82	490984	71.036	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	192393	100.763	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	895751	69.524	ng	0.00
79) Terphenyl-d14	12.974	244	946227	80.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	108205	46.826	ng	98
3) Pyridine	3.457	79	282770	50.316	ng	100
4) n-Nitrosodimethylamine	3.422	42	190245	51.716	ng	98
6) Aniline	6.528	93	270880	42.471	ng	# 88
8) 2-Chlorophenol	6.651	128	301683	52.684	ng	99
9) Benzaldehyde	6.416	77	52523	13.795	ng	99
10) Phenol	6.516	94	390284	51.640	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	295530	48.026	ng	99
12) 1,3-Dichlorobenzene	6.804	146	312682	48.539	ng	99
13) 1,4-Dichlorobenzene	6.887	146	313584	48.064	ng	99
14) 1,2-Dichlorobenzene	7.034	146	303157	49.578	ng	99
15) Benzyl Alcohol	7.010	79	290942	52.978	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	543798	51.047	ng	97
17) 2-Methylphenol	7.122	107	244030	51.047	ng	99
18) Hexachloroethane	7.375	117	119955	49.292	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	232341	50.280	ng	99
20) 3+4-Methylphenols	7.275	107	305518	50.882	ng	97
22) Acetophenone	7.275	105	417354	50.243	ng	100
24) Nitrobenzene	7.451	77	351036	49.047	ng	100
25) Isophorone	7.687	82	627343	51.103	ng	99
26) 2-Nitrophenol	7.763	139	162204	52.718	ng	96
27) 2,4-Dimethylphenol	7.804	122	235695m	62.574	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	363354	49.567	ng	99
29) 2,4-Dichlorophenol	8.010	162	251135	51.116	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	265550	47.794	ng	99
31) Naphthalene	8.169	128	883888	49.400	ng	99
32) Benzoic acid	7.934	122	187412	50.038	ng	98
33) 4-Chloroaniline	8.216	127	70621	11.661	ng	99
34) Hexachlorobutadiene	8.287	225	170926	47.537	ng	99
35) Caprolactam	8.592	113	86742m	53.829	ng	
36) 4-Chloro-3-methylphenol	8.710	107	284357	51.129	ng	99
37) 2-Methylnaphthalene	8.863	142	579479	49.728	ng	99
38) 1-Methylnaphthalene	8.963	142	535422	47.006	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	273516	49.799	ng	99
41) Hexachlorocyclopentadiene	9.010	237	274290	162.868	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	187388	50.610	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139606.D
 Acq On : 02 Oct 2024 15:00
 Operator : RC/JU
 Sample : P4212-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMSD

Quant Time: Oct 02 15:21:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

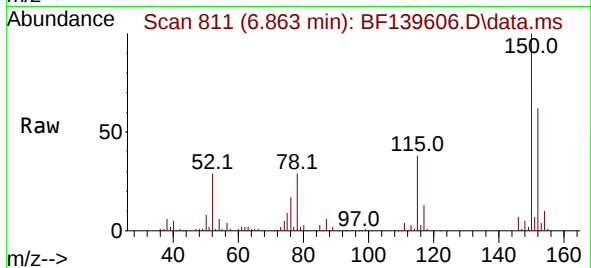
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	198506	49.714	ng	97
46) 1,1'-Biphenyl	9.328	154	721676	49.056	ng	100
47) 2-Chloronaphthalene	9.351	162	542411	49.182	ng	99
48) 2-Nitroaniline	9.451	65	208592	52.689	ng	99
49) Acenaphthylene	9.769	152	893689	53.285	ng	100
50) Dimethylphthalate	9.628	163	662897	51.198	ng	100
51) 2,6-Dinitrotoluene	9.692	165	145199	49.643	ng	97
52) Acenaphthene	9.939	154	647581m	56.243	ng	
53) 3-Nitroaniline	9.857	138	95837	32.064	ng	99
54) 2,4-Dinitrophenol	9.969	184	172953	109.940	ng	98
55) Dibenzofuran	10.110	168	815723	50.599	ng	99
56) 4-Nitrophenol	10.028	139	242466	106.377	ng	99
57) 2,4-Dinitrotoluene	10.098	165	198522	51.927	ng	95
58) Fluorene	10.457	166	635947	49.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	168689	52.306	ng	99
60) Diethylphthalate	10.328	149	672491	50.285	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	306653	47.737	ng	98
62) 4-Nitroaniline	10.481	138	155254	50.781	ng	99
63) Azobenzene	10.604	77	797564	59.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	114486	54.415	ng	98
66) n-Nitrosodiphenylamine	10.569	169	562437	51.221	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	187612	49.119	ng	97
68) Hexachlorobenzene	10.998	284	203861	48.100	ng	97
69) Atrazine	11.092	200	184846	62.742	ng	99
70) Pentachlorophenol	11.198	266	227646	90.204	ng	99
71) Phenanthrene	11.416	178	905129	51.531	ng	100
72) Anthracene	11.469	178	921657	53.039	ng	100
73) Carbazole	11.622	167	845214	50.643	ng	100
74) Di-n-butylphthalate	11.951	149	1036912	51.092	ng	100
75) Fluoranthene	12.604	202	931001	48.487	ng	99
77) Benzidine	12.727	184	245938	71.910	ng	100
78) Pyrene	12.833	202	929328	53.589	ng	99
80) Butylbenzylphthalate	13.451	149	373816	60.264	ng	98
81) Benzo(a)anthracene	14.021	228	654255	51.323	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	141244	36.203	ng	98
83) Chrysene	14.057	228	602467	51.693	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	489801	63.235	ng	99
85) Di-n-octyl phthalate	14.621	149	718063	63.103	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	593801	55.790	ng	100
88) Benzo(b)fluoranthene	15.068	252	571595	48.886	ng	99
89) Benzo(k)fluoranthene	15.104	252	508277	51.247	ng	99
90) Benzo(a)pyrene	15.439	252	508683	55.175	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	482363	54.641	ng	100
92) Benzo(g,h,i)perylene	17.421	276	439063	49.593	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

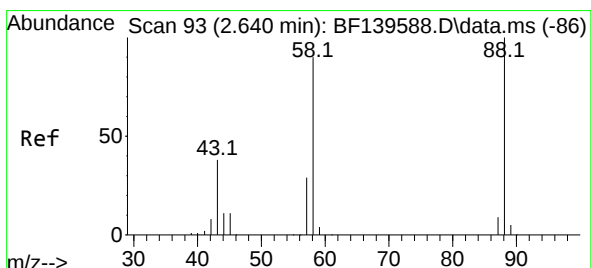
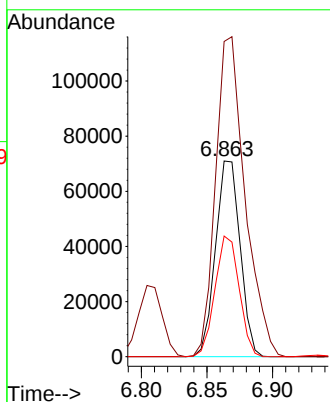
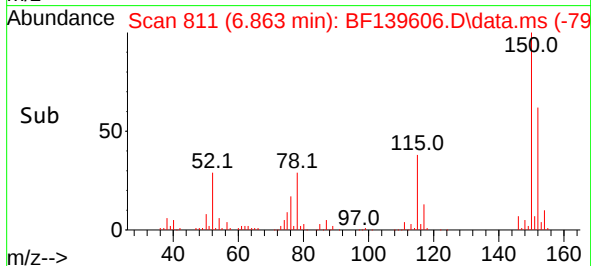
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:152 Resp: 92638
Ion Ratio Lower Upper
152 100
150 161.1 127.2 190.8
115 61.6 49.0 73.4

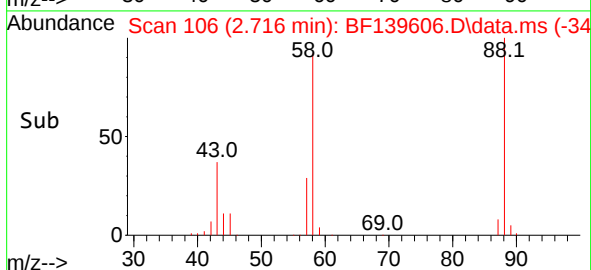
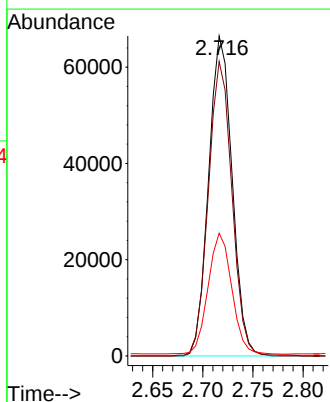
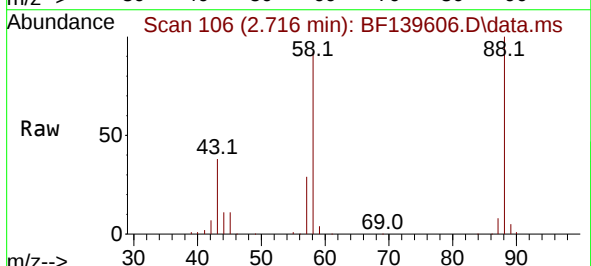
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#2
1,4-Dioxane
Concen: 46.826 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion: 88 Resp: 108205
Ion Ratio Lower Upper
88 100
58 92.7 72.0 108.0
43 38.1 30.8 46.2





#3

Pyridine

Concen: 50.316 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

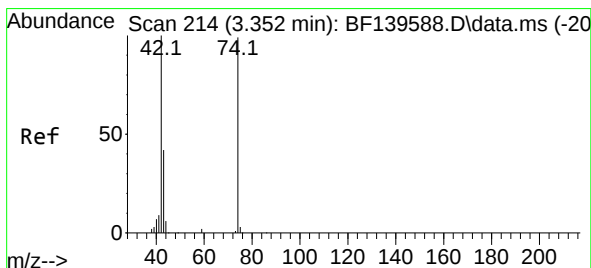
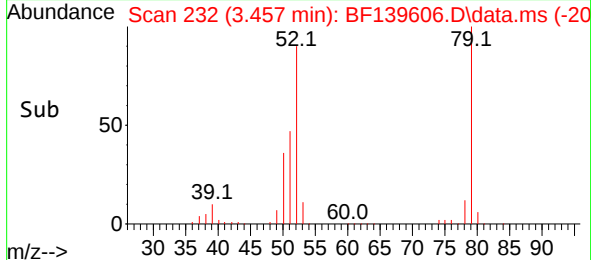
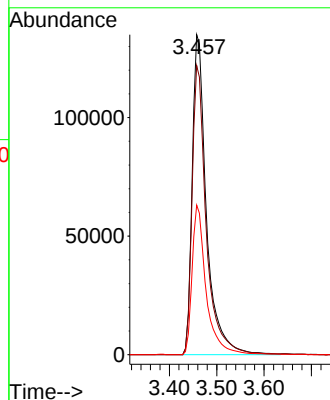
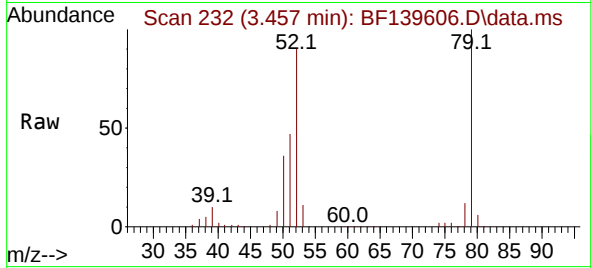
Tgt Ion: 79 Resp: 282770

Ion	Ratio	Lower	Upper
79	100		
52	90.3	72.6	109.0
51	46.7	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#4

n-Nitrosodimethylamine

Concen: 51.716 ng

RT: 3.422 min Scan# 226

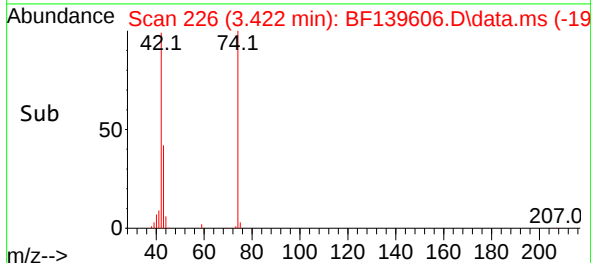
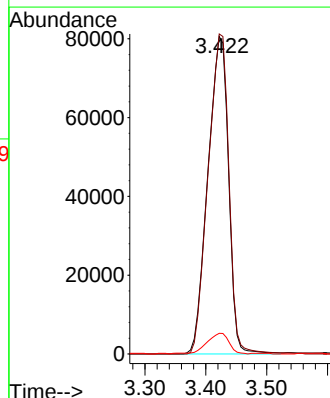
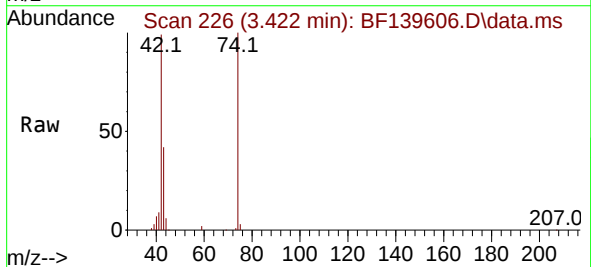
Delta R.T. 0.071 min

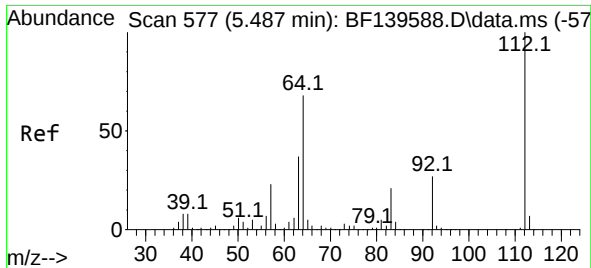
Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Tgt Ion: 42 Resp: 190245

Ion	Ratio	Lower	Upper
42	100		
74	100.8	79.0	118.6
44	6.5	5.2	7.8





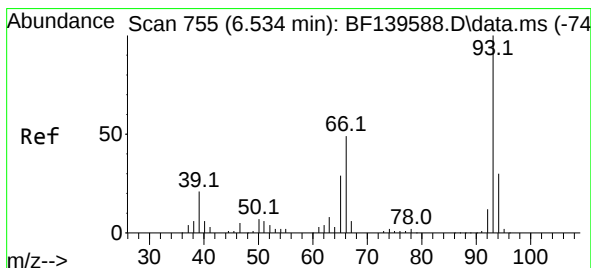
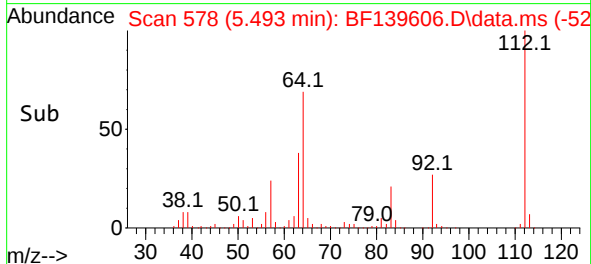
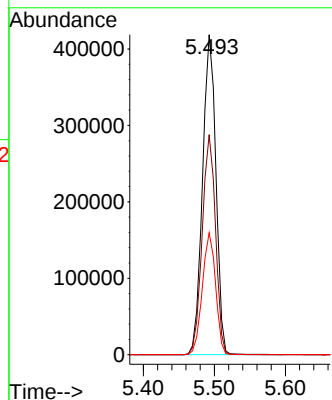
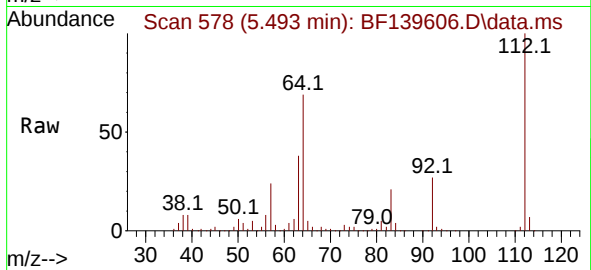
#5
2-Fluorophenol
Concen: 102.977 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:112 Resp: 550389
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 38.1 29.4 44.2

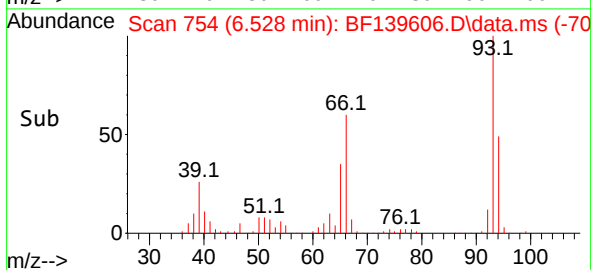
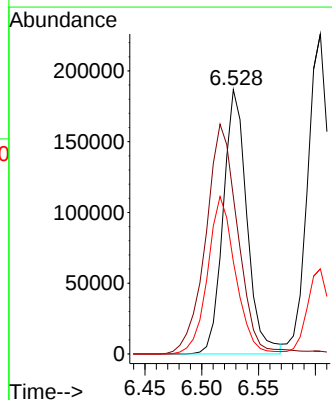
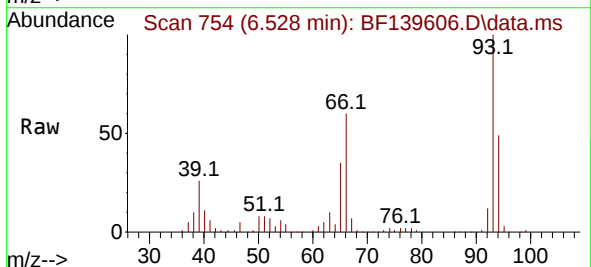
Manual Integrations
APPROVED

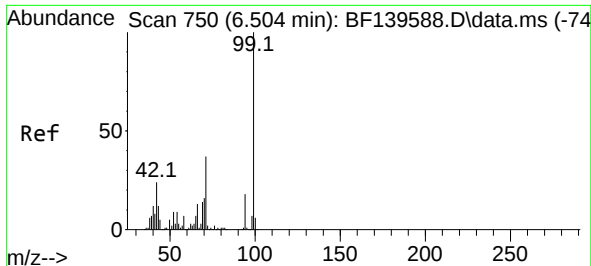
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#6
Aniline
Concen: 42.471 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

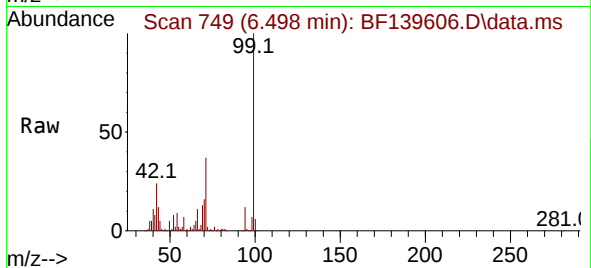
Tgt Ion: 93 Resp: 270880
Ion Ratio Lower Upper
93 100
66 59.6 40.9 61.3
65 35.0 23.3 34.9#





#7
Phenol-d6
Concen: 103.068 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

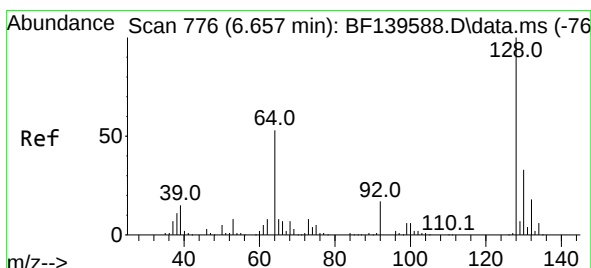
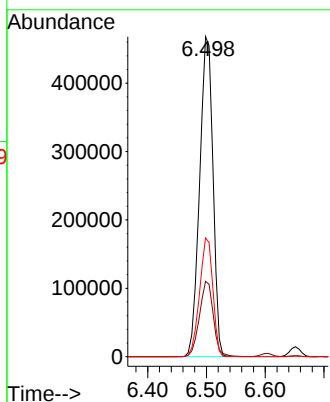
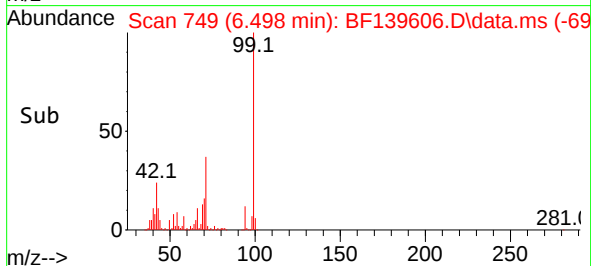
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



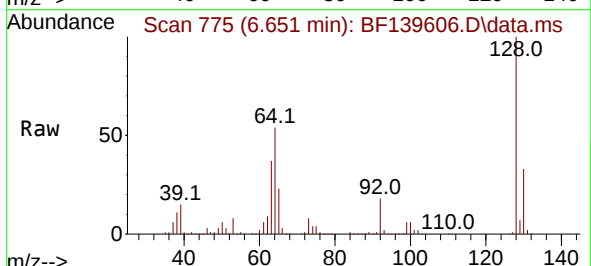
Tgt Ion: 99 Resp: 74081
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.1 29.7 44.5

Manual Integrations
APPROVED

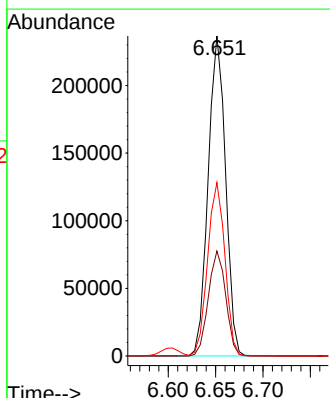
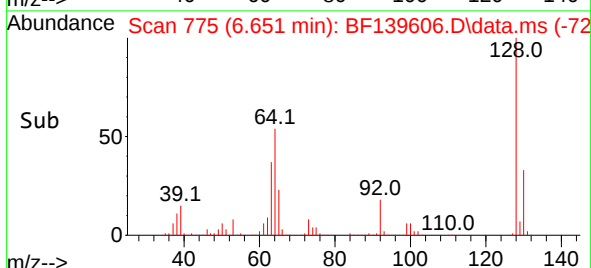
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#8
2-Chlorophenol
Concen: 52.684 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



Tgt Ion:128 Resp: 301683
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 54.2 35.1 75.1





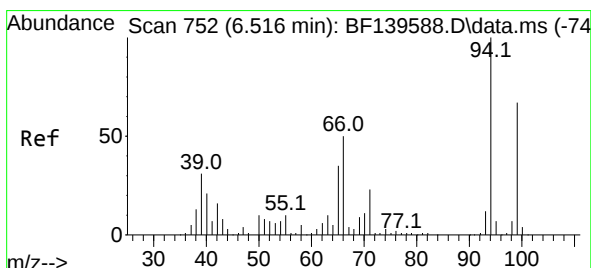
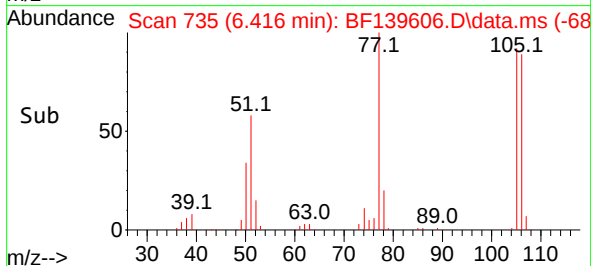
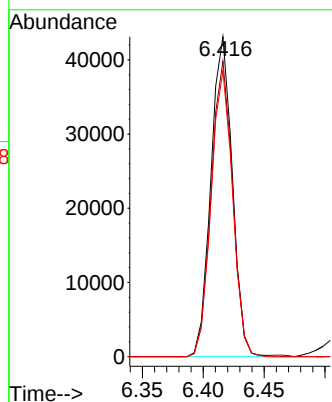
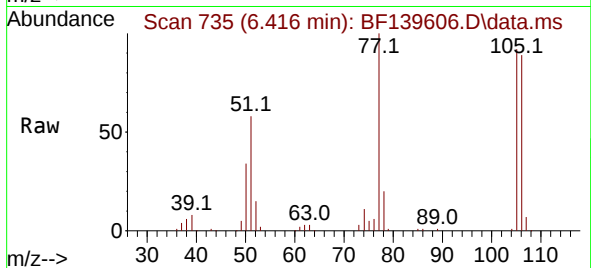
#9
Benzaldehyde
Concen: 13.795 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion: 77 Resp: 5252
Ion Ratio Lower Upper
77 100
105 92.3 72.7 112.7
106 89.3 70.1 110.1

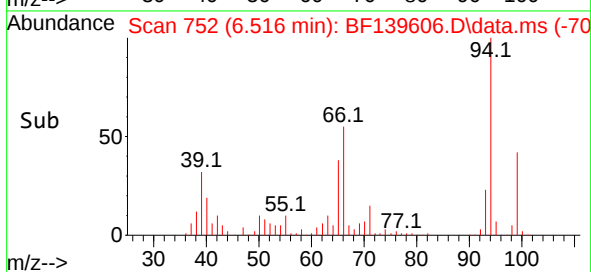
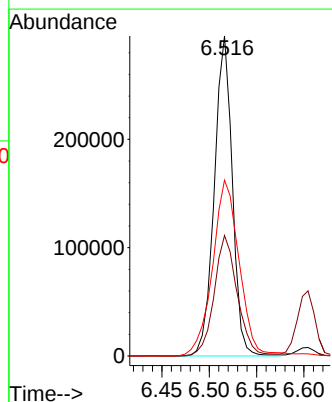
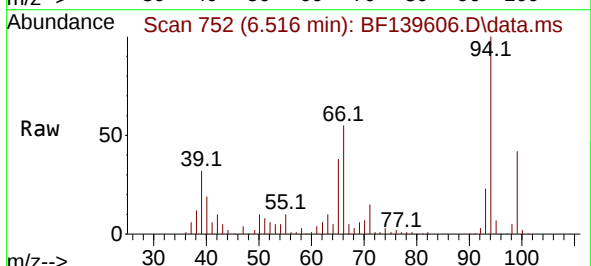
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#10
Phenol
Concen: 51.640 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion: 94 Resp: 390284
Ion Ratio Lower Upper
94 100
65 37.7 15.3 55.3
66 54.9 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 48.026 ng

RT: 6.604 min Scan# 767

Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

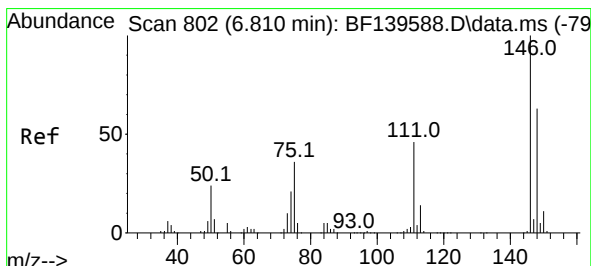
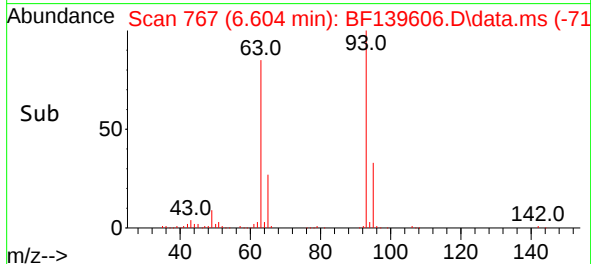
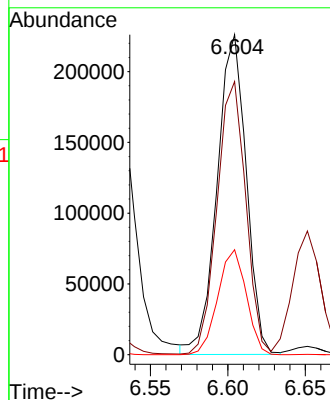
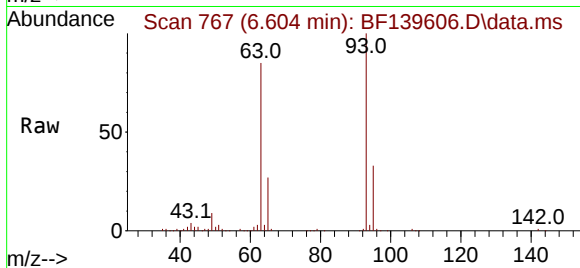
Tgt Ion: 93 Resp: 295530

Ion	Ratio	Lower	Upper
93	100		
63	85.4	64.1	104.1
95	32.8	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#12

1,3-Dichlorobenzene

Concen: 48.539 ng

RT: 6.804 min Scan# 801

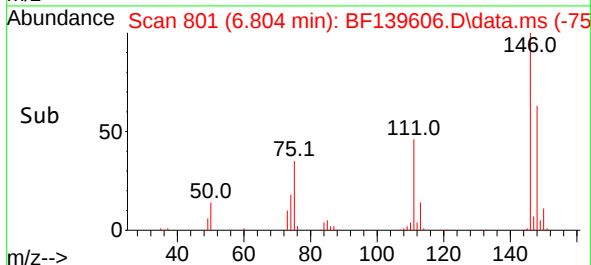
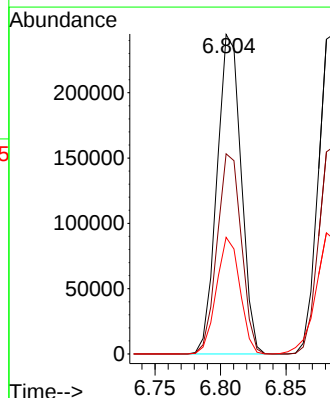
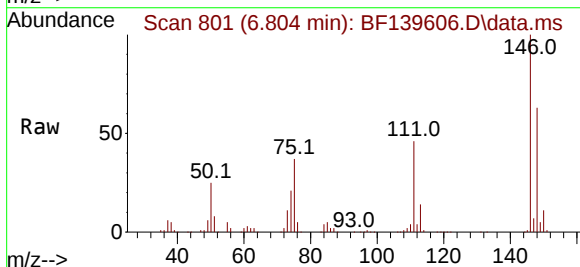
Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Tgt Ion:146 Resp: 312682

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.4
75	36.5	28.5	42.7





#13

1,4-Dichlorobenzene

Concen: 48.064 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

Tgt Ion:146 Resp: 313584

Ion Ratio Lower Upper

146 100

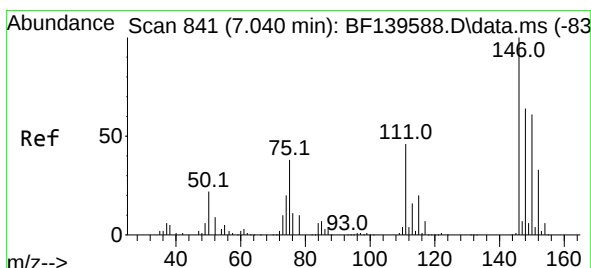
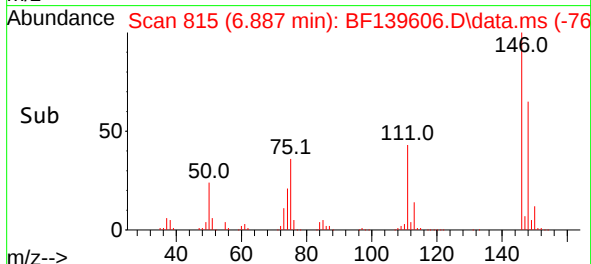
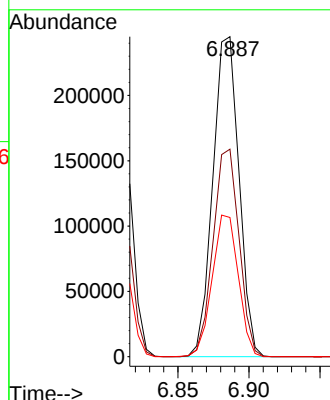
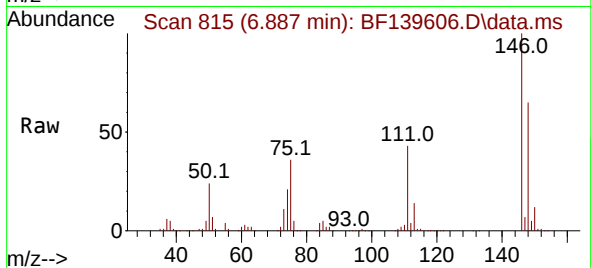
148 64.8 51.0 76.6

111 43.5 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#14

1,2-Dichlorobenzene

Concen: 49.578 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

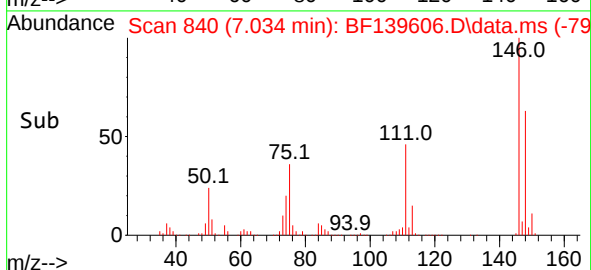
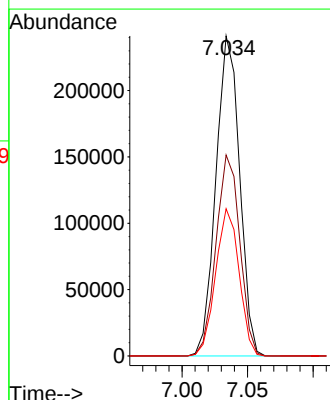
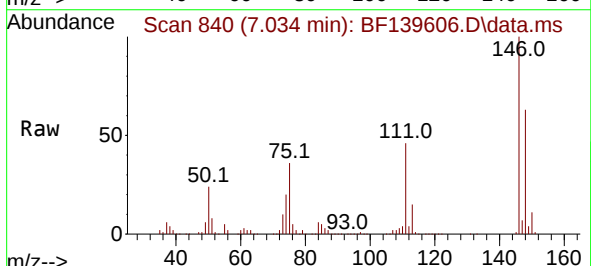
Tgt Ion:146 Resp: 303157

Ion Ratio Lower Upper

146 100

148 62.8 51.2 76.8

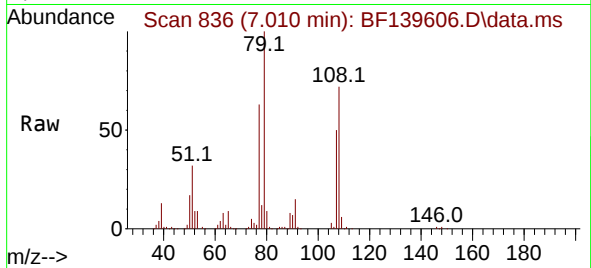
111 46.0 37.0 55.6





#15
Benzyl Alcohol
Concen: 52.978 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

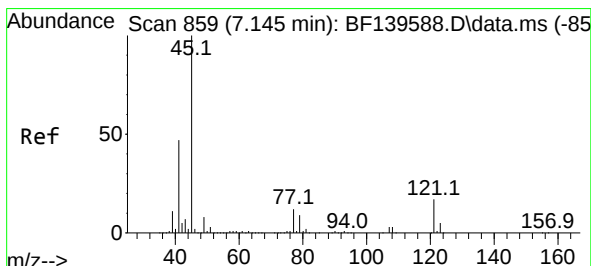
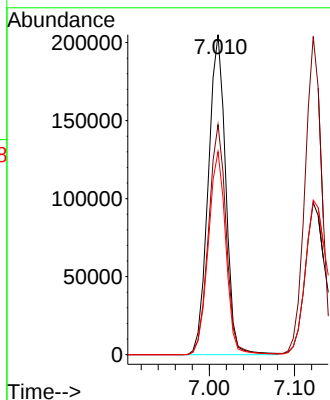
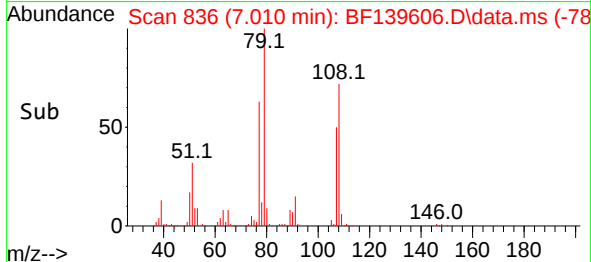
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



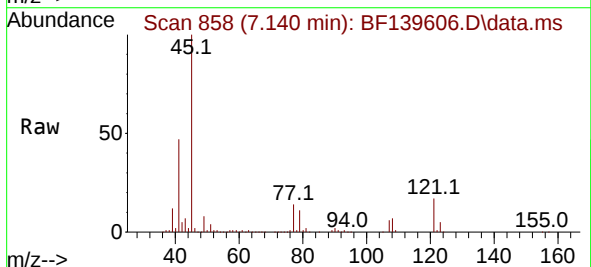
Tgt Ion: 79 Resp: 29094
Ion Ratio Lower Upper
79 100
108 71.9 55.1 82.7
77 63.5 50.8 76.2

Manual Integrations
APPROVED

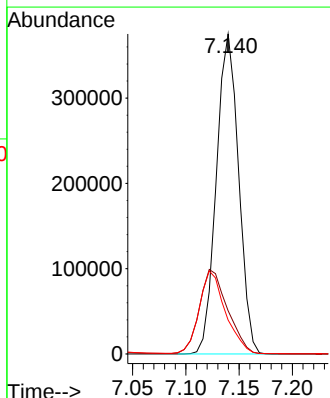
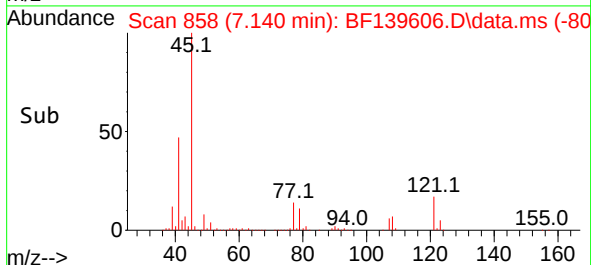
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

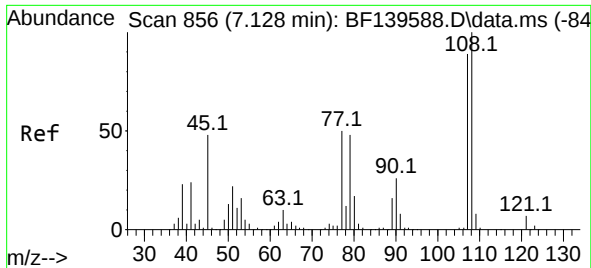


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.047 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



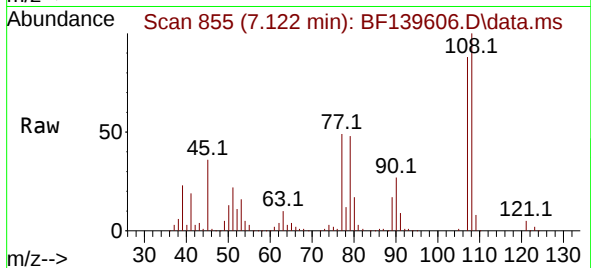
Tgt Ion: 45 Resp: 543798
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.5
79 10.6 0.0 29.7





#17
2-Methylphenol
Concen: 51.047 ng
RT: 7.122 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

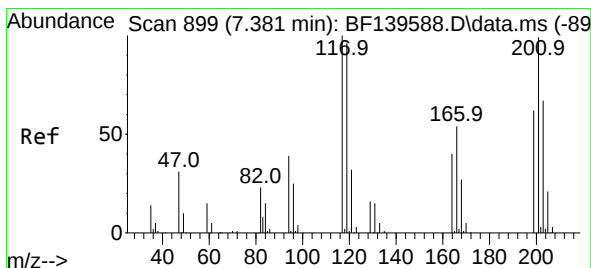
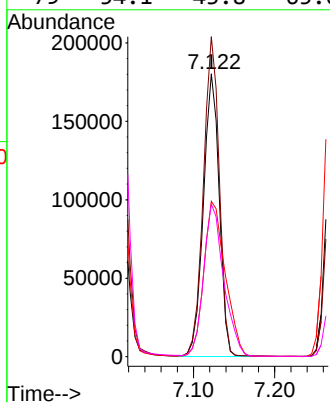
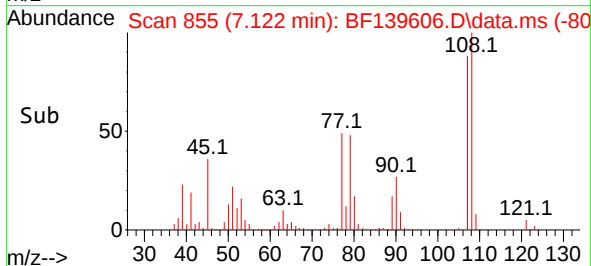
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



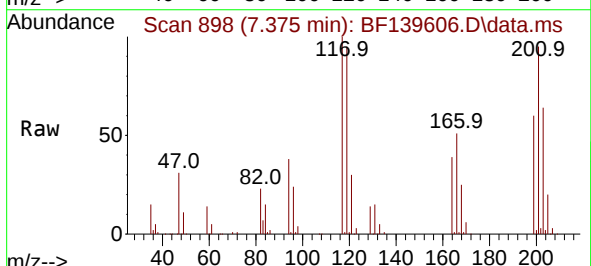
Tgt Ion:107 Resp: 244030
Ion Ratio Lower Upper
107 100
108 113.1 89.8 134.6
77 54.9 44.6 67.0
79 54.1 43.8 65.6

Manual Integrations
APPROVED

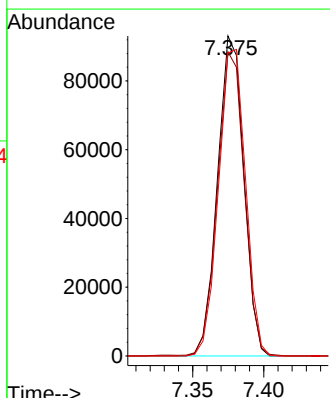
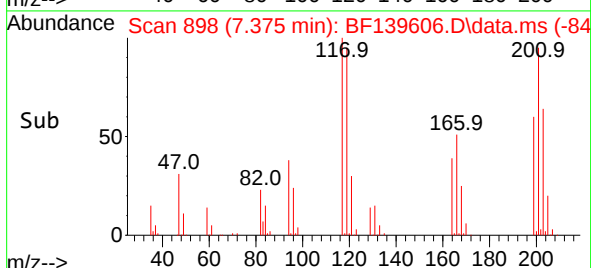
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#18
Hexachloroethane
Concen: 49.292 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



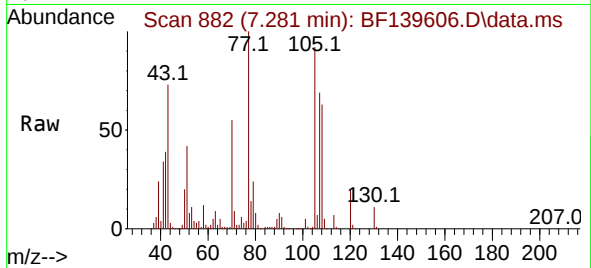
Tgt Ion:117 Resp: 119955
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6
201 94.7 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.280 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

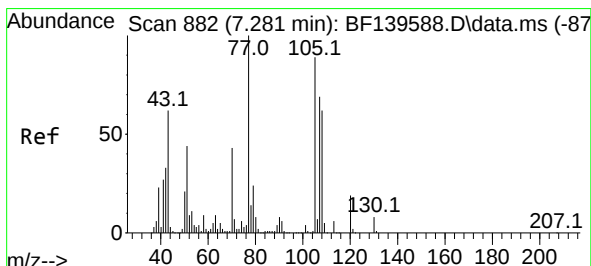
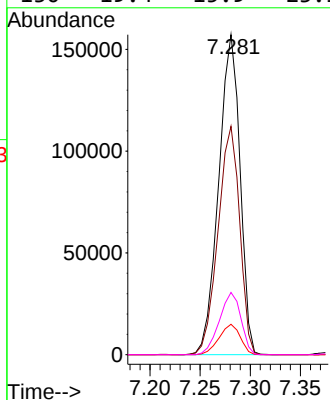
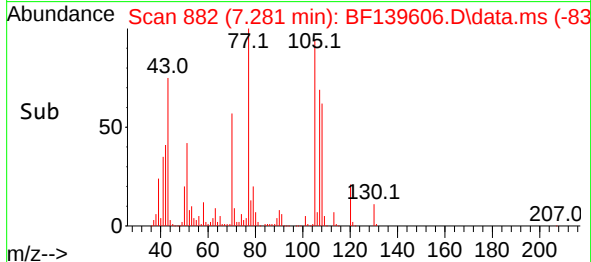
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



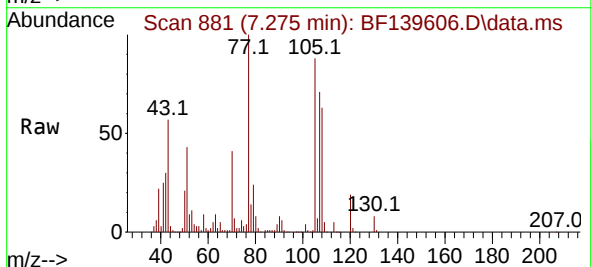
Tgt Ion: 70 Resp: 23234
Ion Ratio Lower Upper
70 100
42 71.3 58.0 87.0
101 9.5 7.8 11.8
130 19.4 15.9 23.9

Manual Integrations
APPROVED

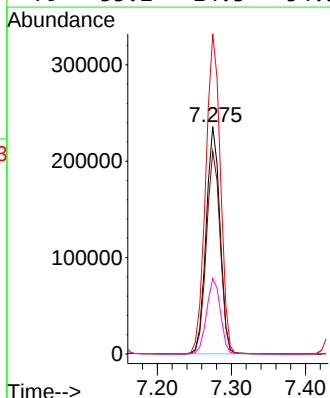
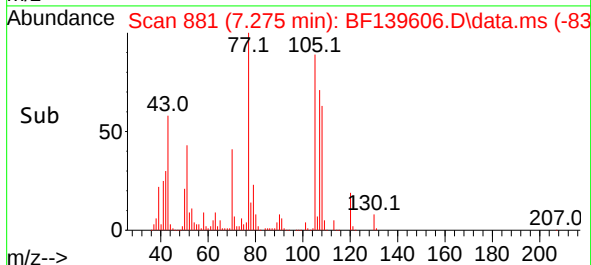
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#20
3+4-Methylphenols
Concen: 50.882 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



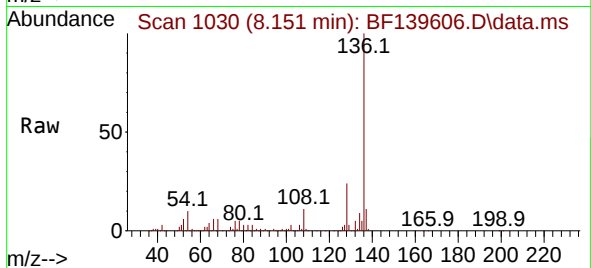
Tgt Ion:107 Resp: 305518
Ion Ratio Lower Upper
107 100
108 89.1 70.2 110.2
77 140.8 125.3 165.3
79 33.2 14.3 54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

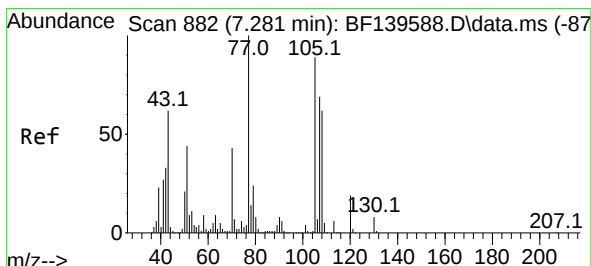
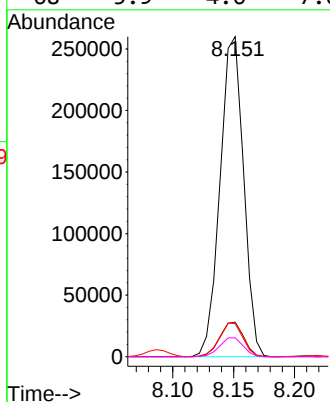
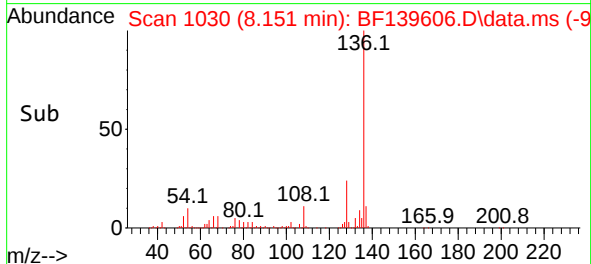
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:136 Resp: 349940
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 5.9 4.6 7.0

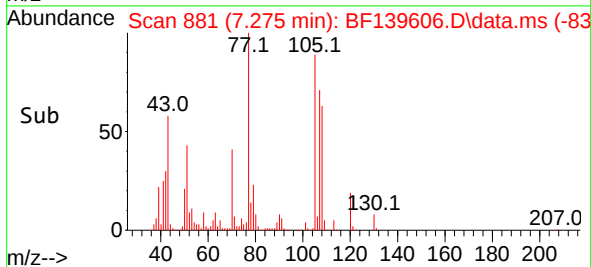
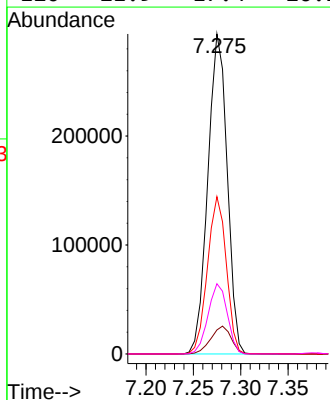
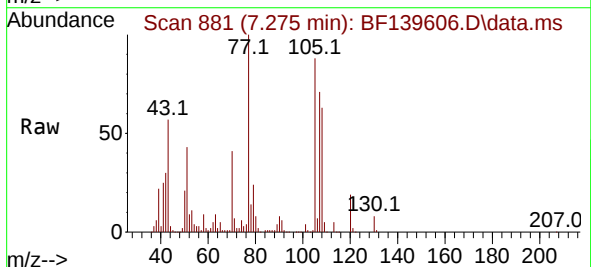
Manual Integrations
APPROVED

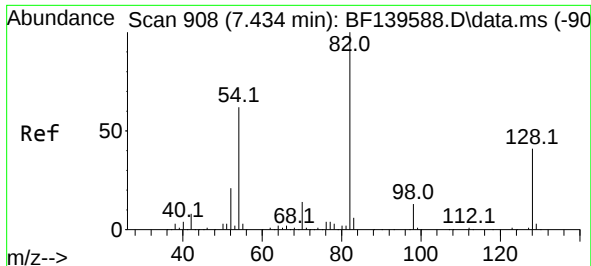
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#22
Acetophenone
Concen: 50.243 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

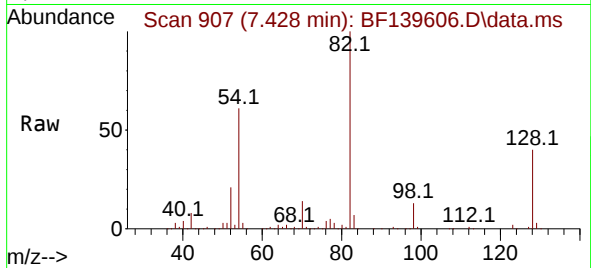
Tgt Ion:105 Resp: 417354
Ion Ratio Lower Upper
105 100
71 7.5 6.6 10.0
51 49.2 39.4 59.0
120 21.9 17.4 26.2





#23
Nitrobenzene-d5
Concen: 71.036 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

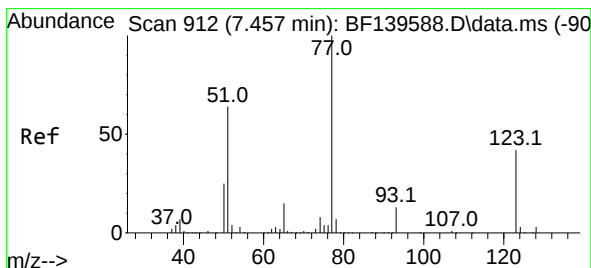
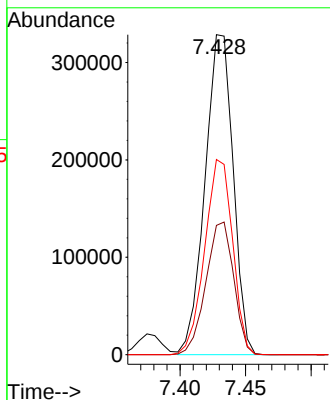
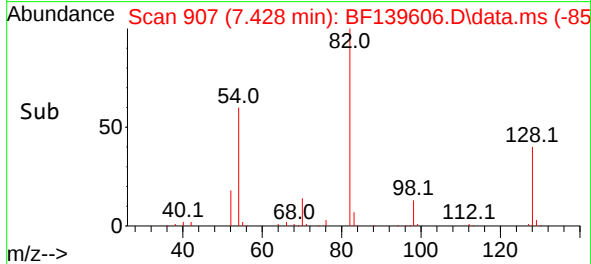
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion: 82 Resp: 490984
Ion Ratio Lower Upper
82 100
128 40.4 32.4 48.6
54 61.0 49.1 73.7

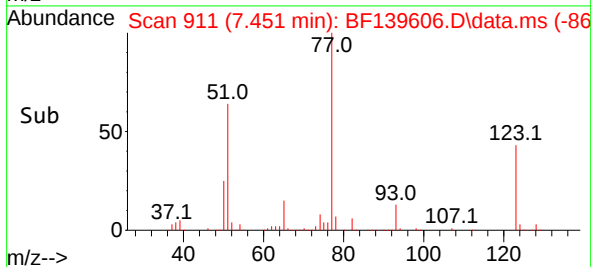
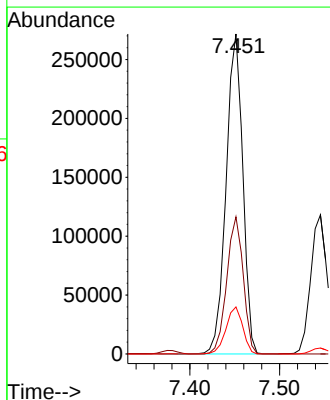
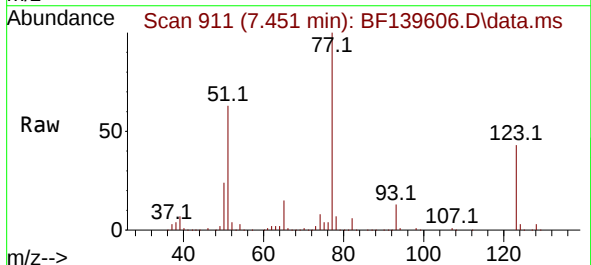
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#24
Nitrobenzene
Concen: 49.047 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion: 77 Resp: 351036
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 14.7 12.1 18.1





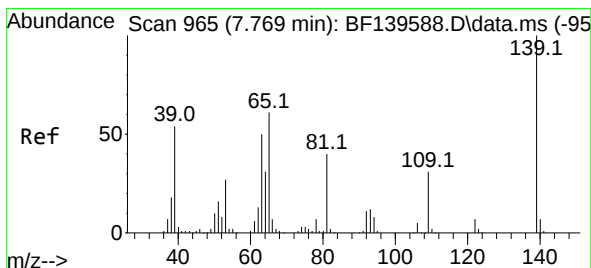
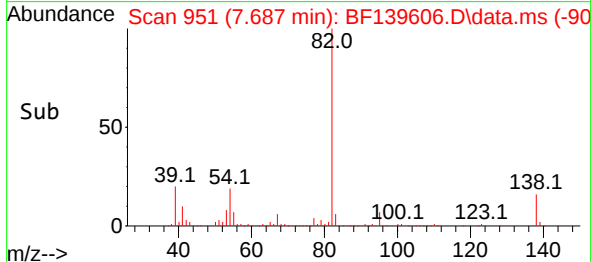
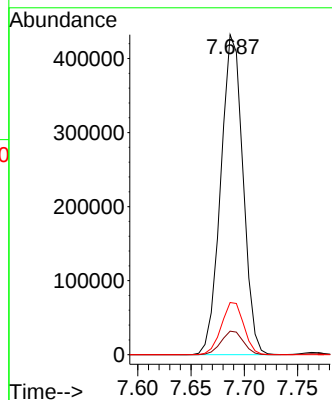
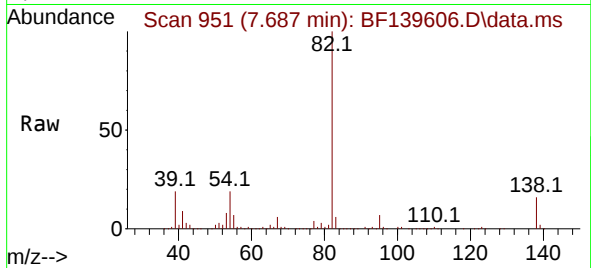
#25
Isophorone
Concen: 51.103 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion: 82 Resp: 62734
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.3 13.4 20.2

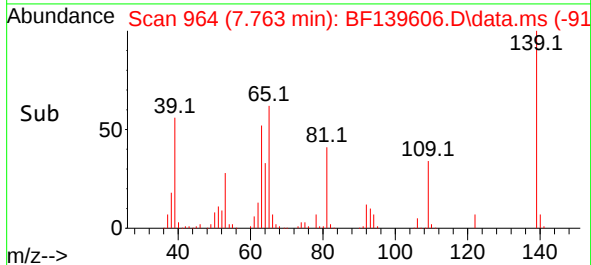
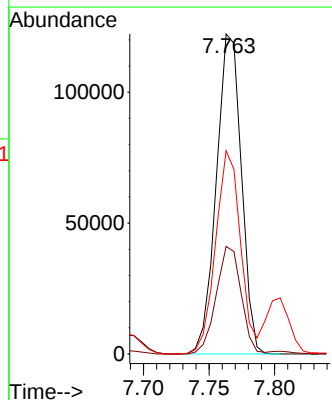
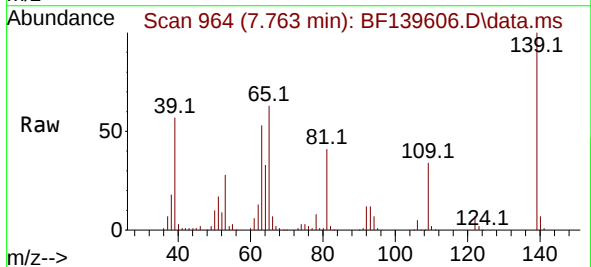
Manual Integrations
APPROVED

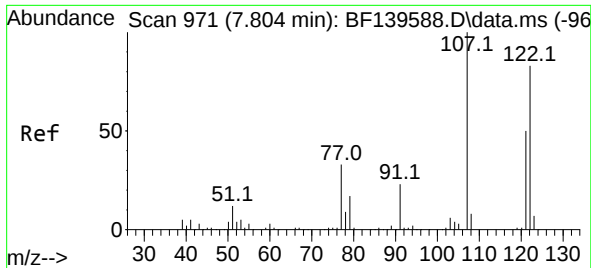
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#26
2-Nitrophenol
Concen: 52.718 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

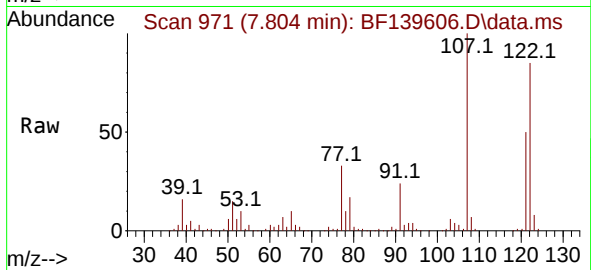
Tgt Ion:139 Resp: 162204
Ion Ratio Lower Upper
139 100
109 33.6 24.9 37.3
65 63.5 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 62.574 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

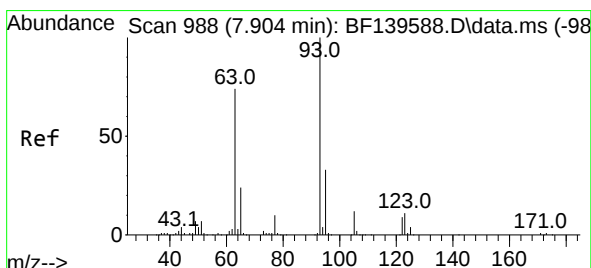
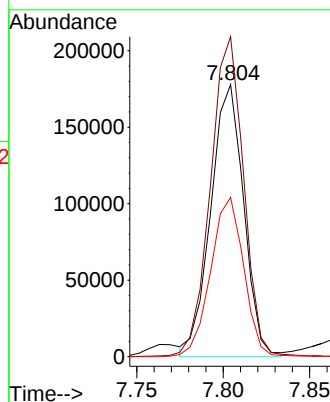
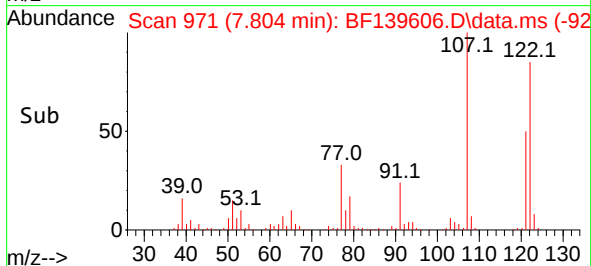
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:122 Resp: 23569
Ion Ratio Lower Upper
122 100
107 117.6 95.4 143.0
121 58.5 47.4 71.2

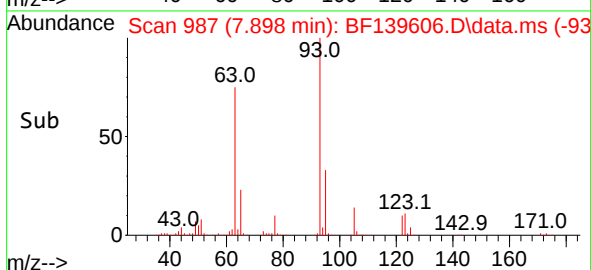
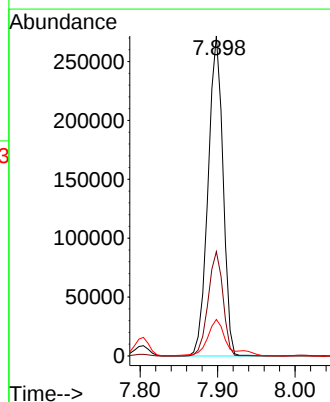
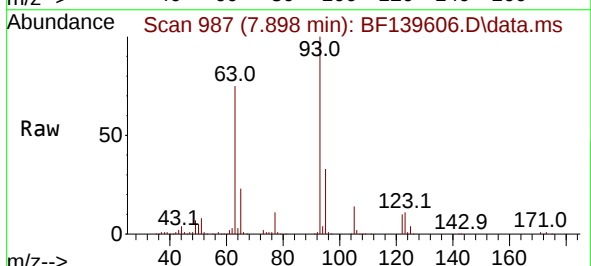
Manual Integrations
APPROVED

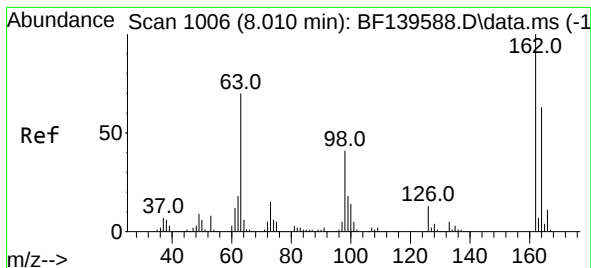
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.567 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion: 93 Resp: 363354
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.116 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

Tgt Ion:162 Resp: 25113

Ion Ratio Lower Upper

162 100

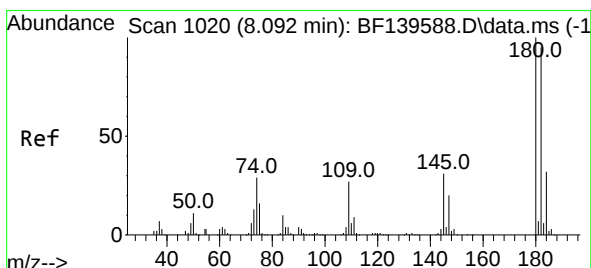
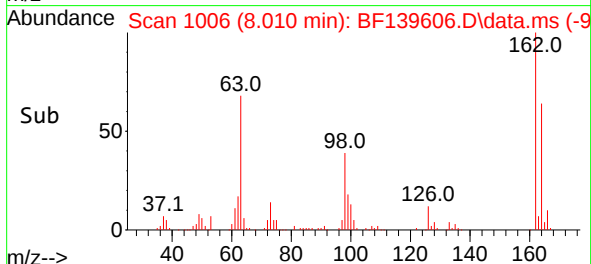
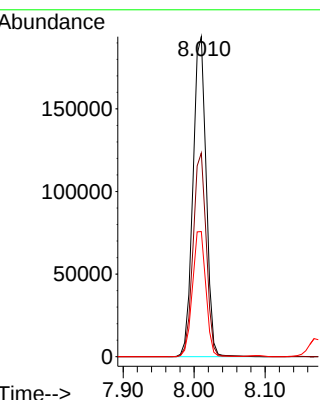
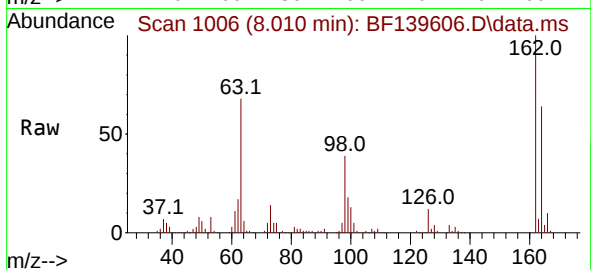
164 63.6 43.1 83.1

98 39.1 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.794 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

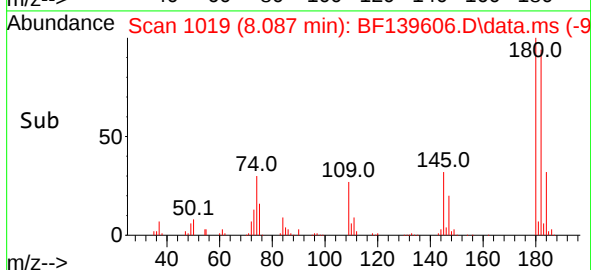
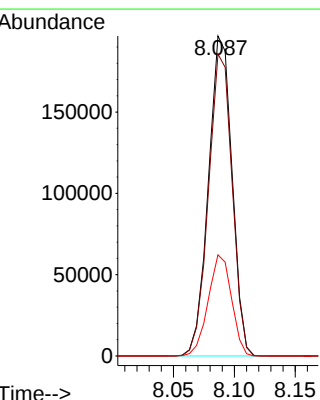
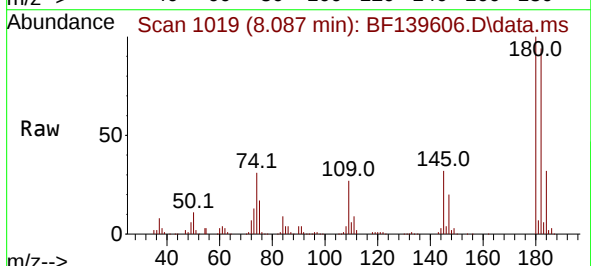
Tgt Ion:180 Resp: 265550

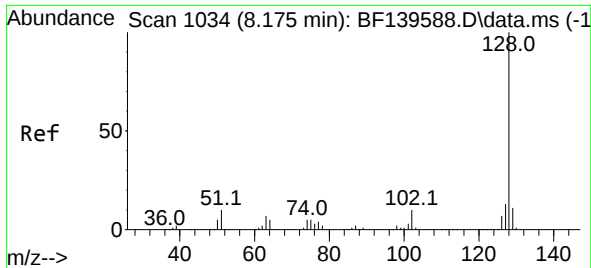
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

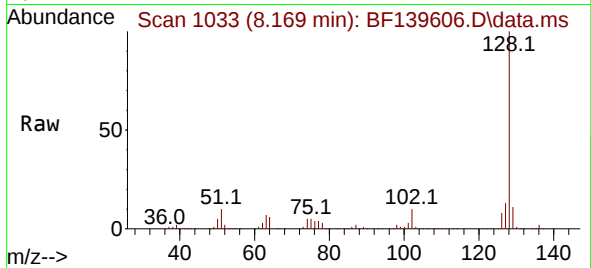
145 31.6 25.0 37.6





#31
Naphthalene
Concen: 49.400 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

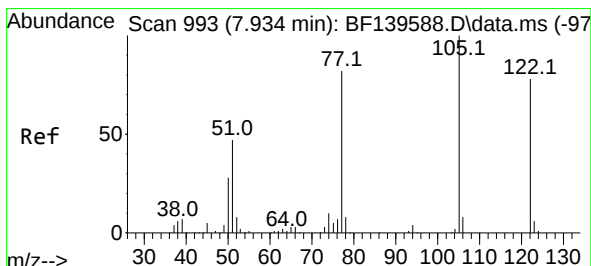
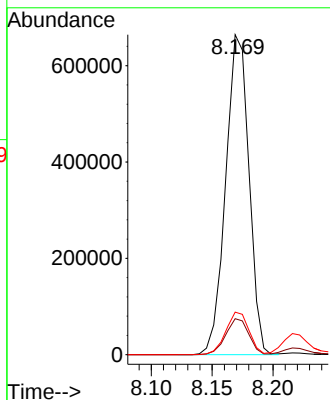
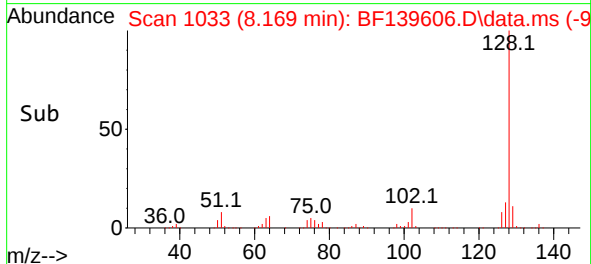
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:128 Resp: 88388
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.5 15.7

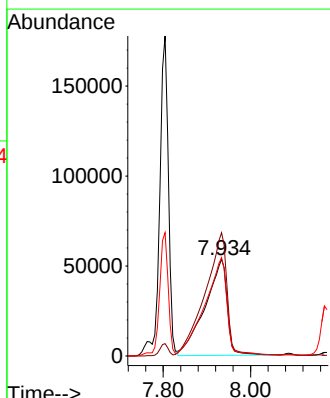
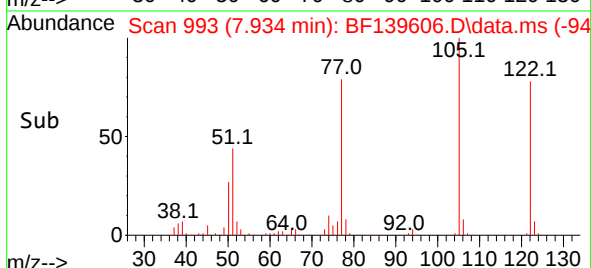
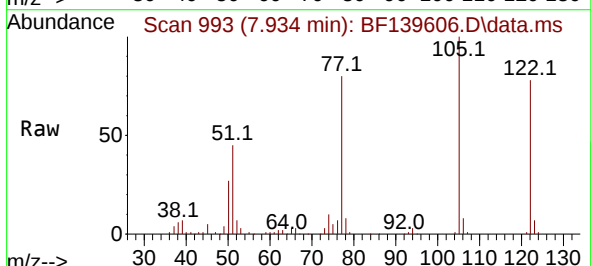
Manual Integrations
APPROVED

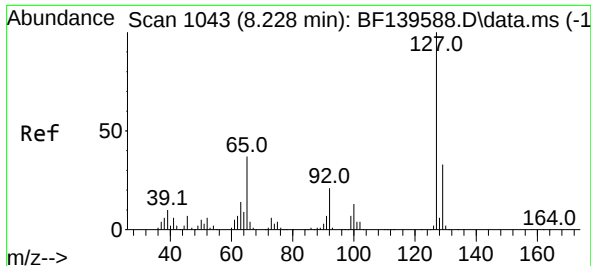
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#32
Benzoic acid
Concen: 50.038 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion:122 Resp: 187412
Ion Ratio Lower Upper
122 100
105 127.6 104.9 144.9
77 101.8 82.7 122.7





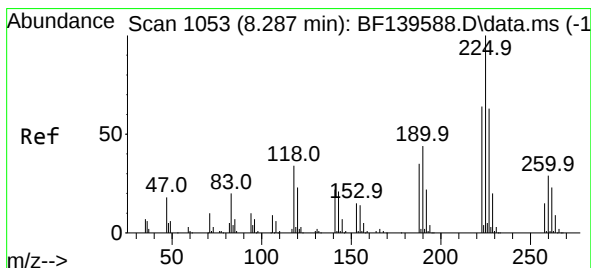
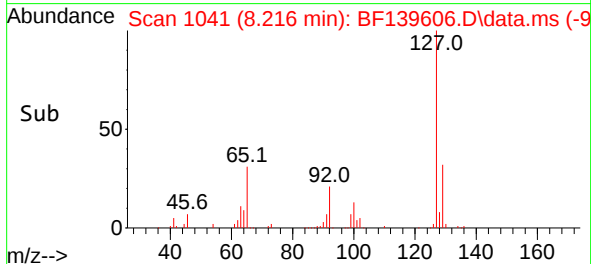
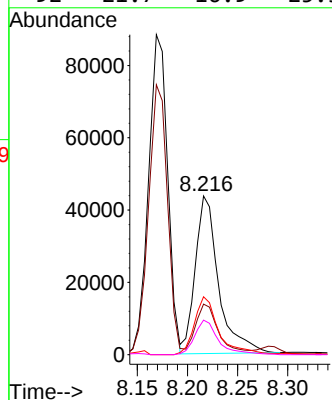
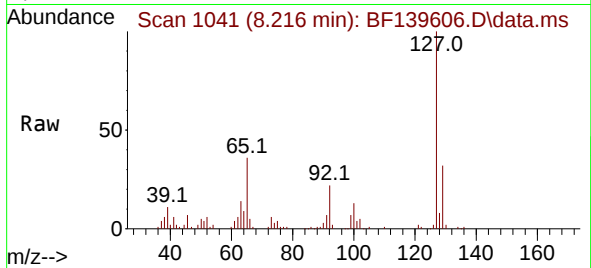
#33
4-Chloroaniline
Concen: 11.661 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:	127	Resp:	7062
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.2	39.4
65	36.5	29.3	43.9
92	21.7	16.9	25.3

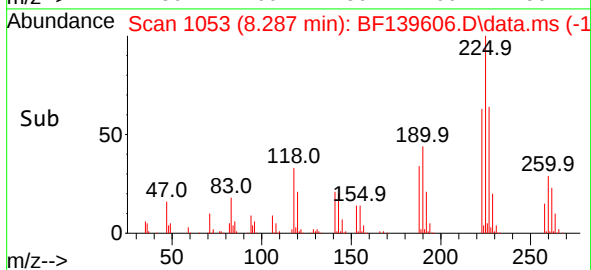
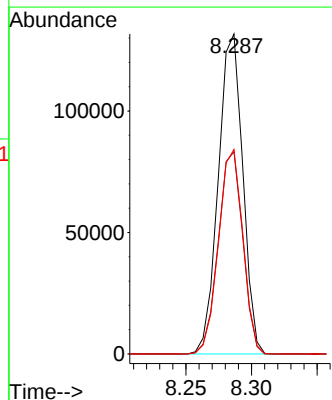
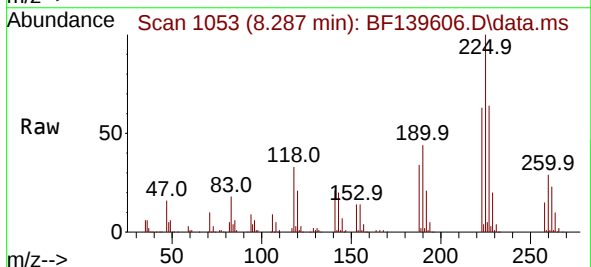
Manual Integrations
APPROVED

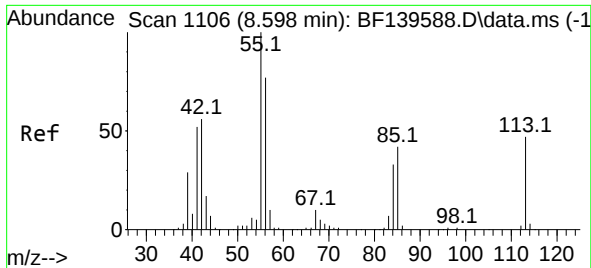
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#34
Hexachlorobutadiene
Concen: 47.537 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

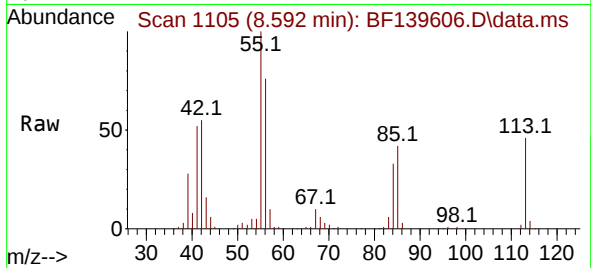
Tgt Ion:	225	Resp:	170926
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.9	76.3
227	63.9	50.7	76.1





#35
 Caprolactam
 Concen: 53.829 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139606.D
 Acq: 02 Oct 2024 15:00

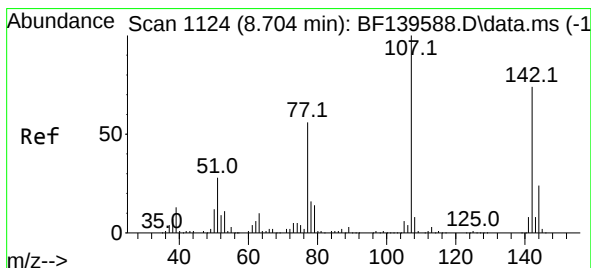
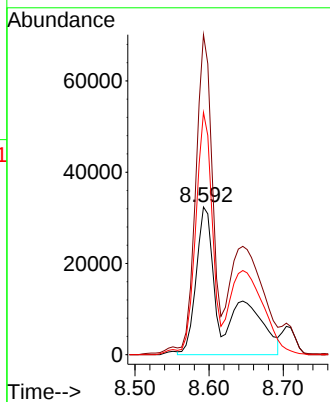
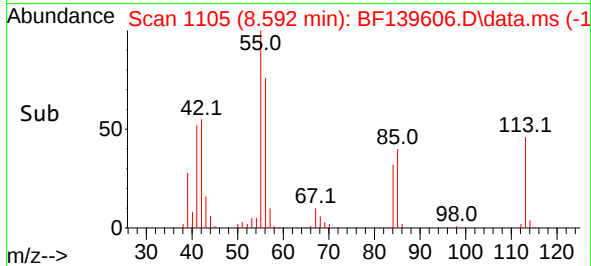
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMSD



Tgt Ion:113 Resp: 8674
 Ion Ratio Lower Upper
 113 100
 55 216.8 193.4 233.4
 56 164.1 143.8 183.8

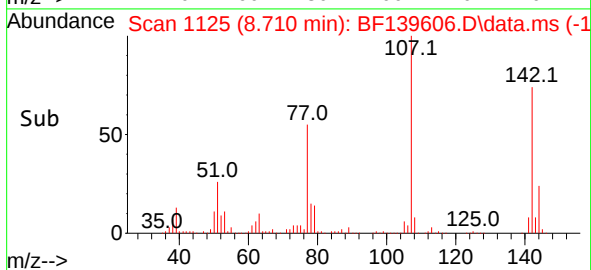
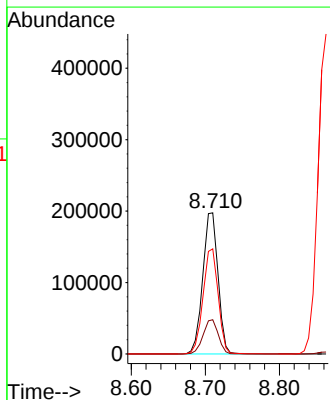
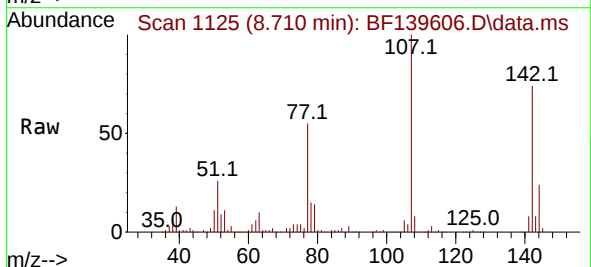
Manual Integrations
 APPROVED

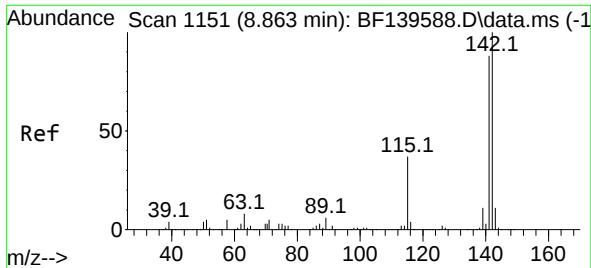
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024



#36
 4-Chloro-3-methylphenol
 Concen: 51.129 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139606.D
 Acq: 02 Oct 2024 15:00

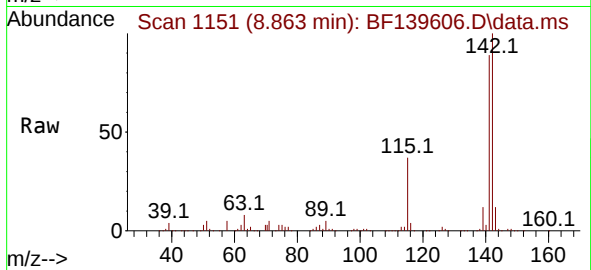
Tgt Ion:107 Resp: 284357
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 74.4 59.2 88.8





#37
2-Methylnaphthalene
Concen: 49.728 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

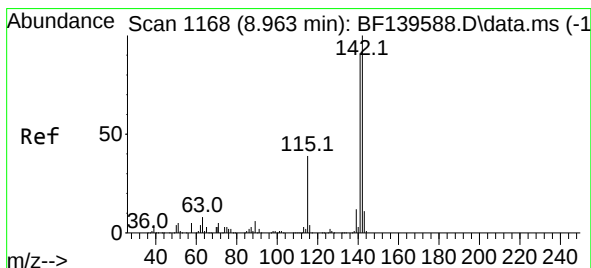
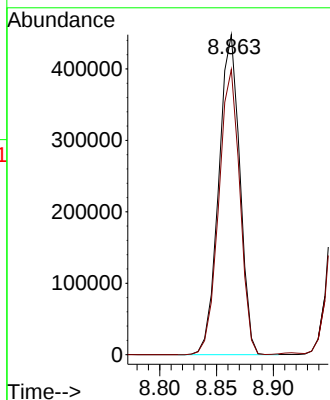
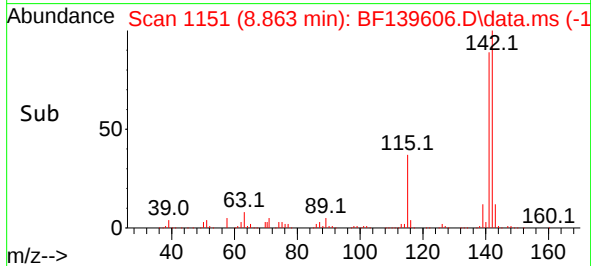
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:142 Resp: 579479
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6

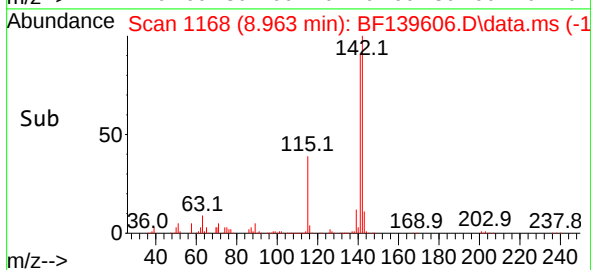
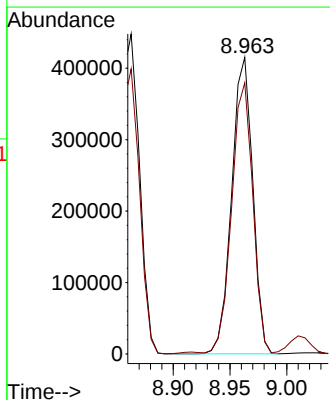
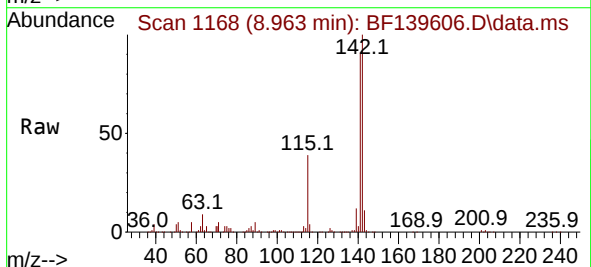
Manual Integrations
APPROVED

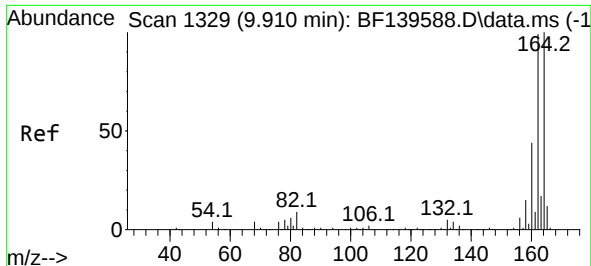
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#38
1-Methylnaphthalene
Concen: 47.006 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion:142 Resp: 535422
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139606.D

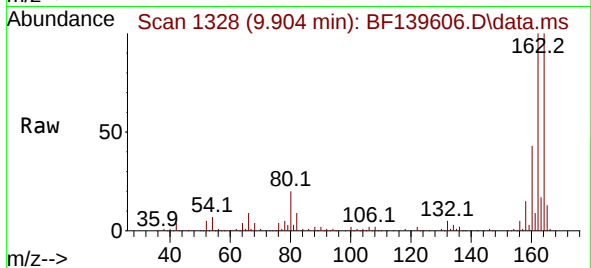
Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD



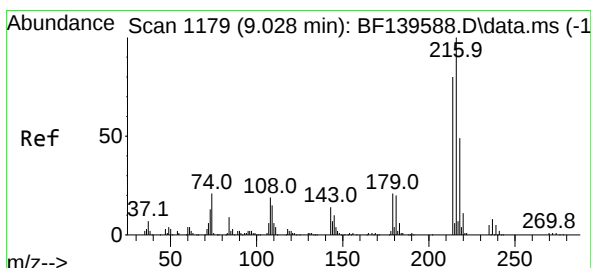
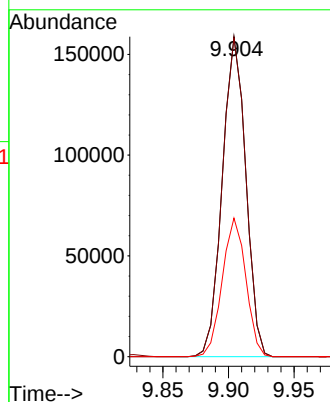
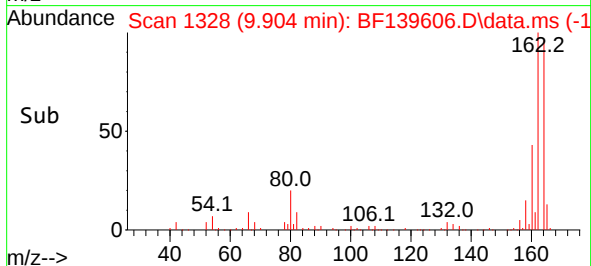
Tgt Ion:164 Resp: 19779

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.4	119.0
160	43.3	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.799 ng

RT: 9.028 min Scan# 1179

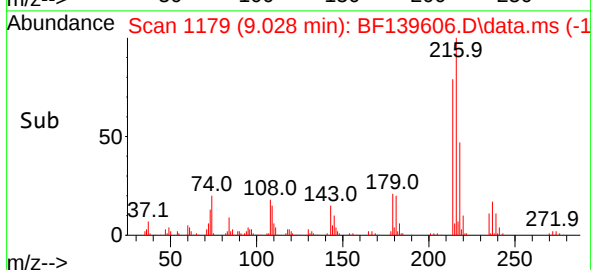
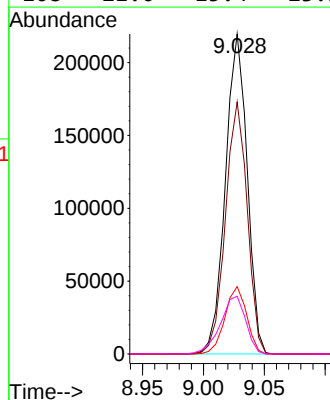
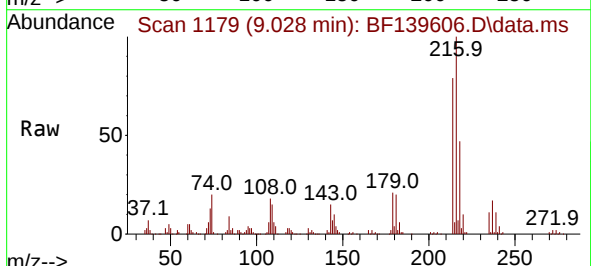
Delta R.T. -0.000 min

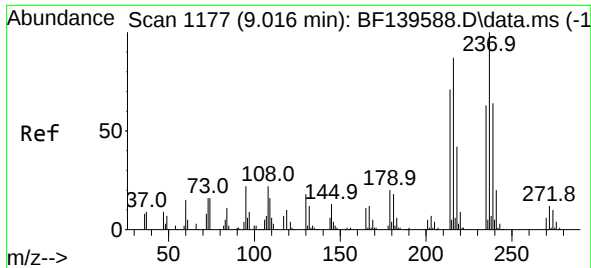
Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Tgt Ion:216 Resp: 273516

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.7	95.5
179	21.0	16.9	25.3
108	21.0	15.4	23.2





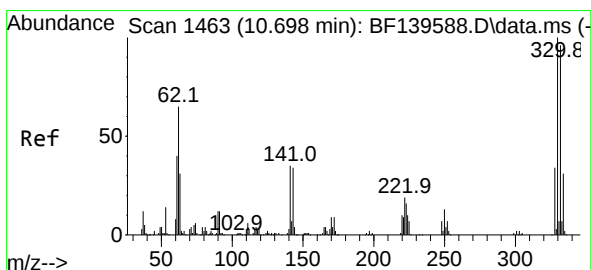
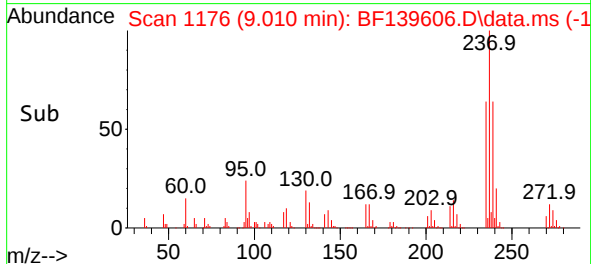
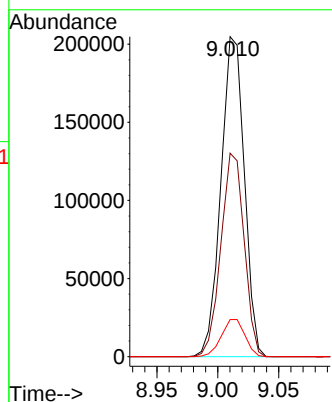
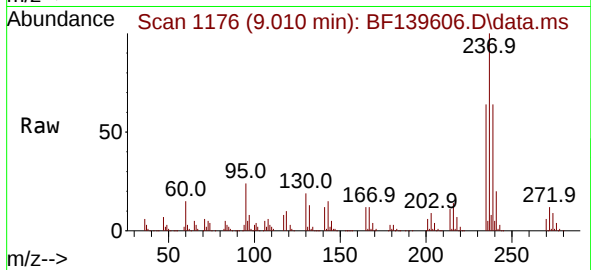
#41
Hexachlorocyclopentadiene
Concen: 162.868 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion: 237 Resp: 274290
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 11.6 0.0 32.1

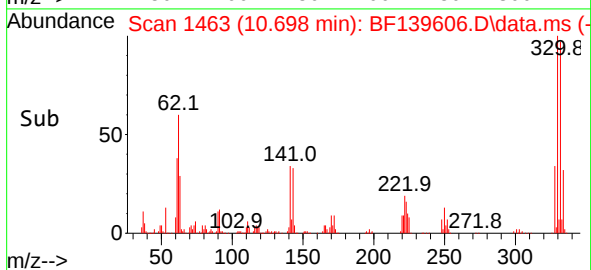
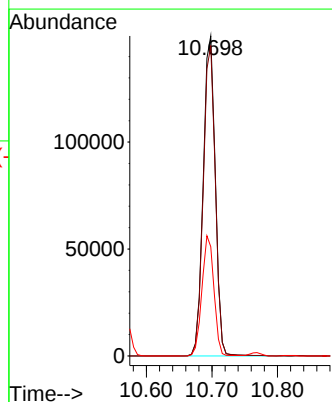
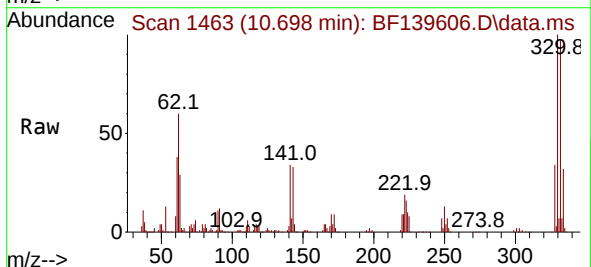
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#42
2,4,6-Tribromophenol
Concen: 100.763 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

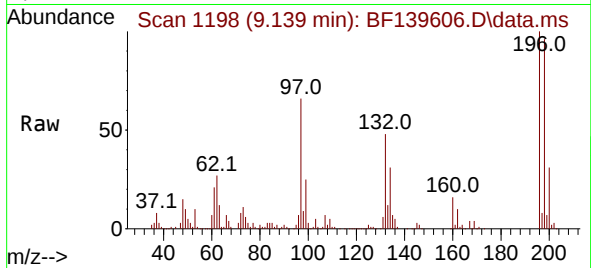
Tgt Ion: 330 Resp: 192393
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 37.2 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 50.610 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

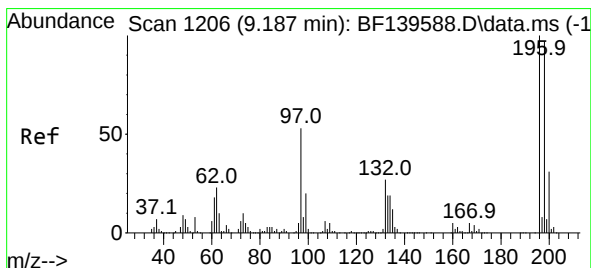
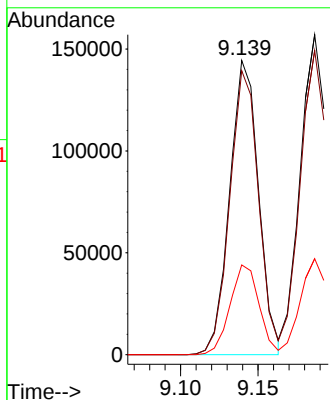
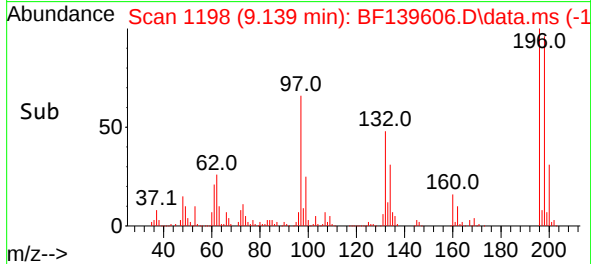
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



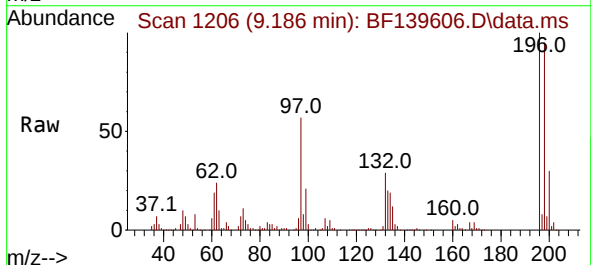
Tgt Ion:196 Resp: 187388
Ion Ratio Lower Upper
196 100
198 96.5 75.2 112.8
200 30.5 24.6 37.0

Manual Integrations
APPROVED

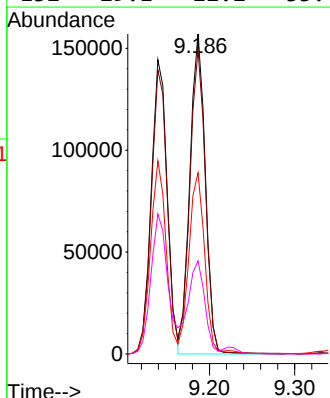
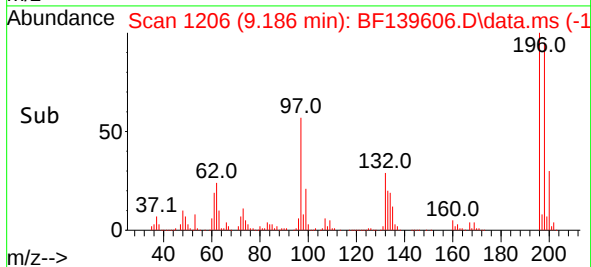
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

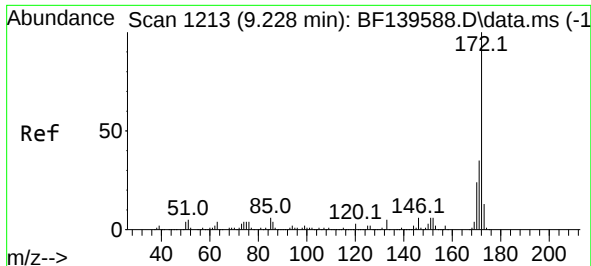


#44
2,4,5-Trichlorophenol
Concen: 49.714 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



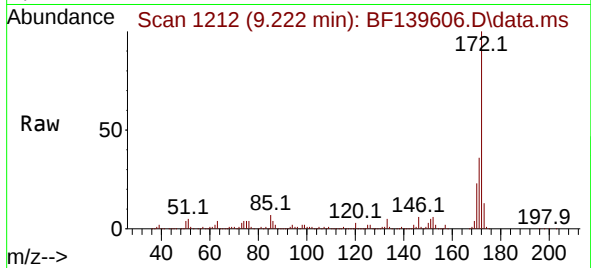
Tgt Ion:196 Resp: 198506
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 56.6 43.1 64.7
132 29.1 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 69.524 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

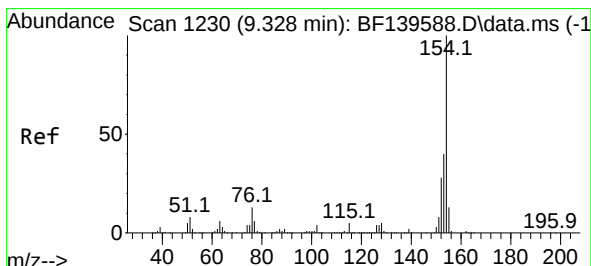
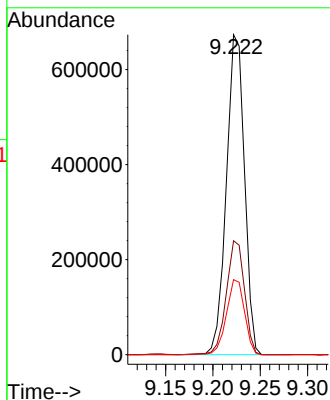
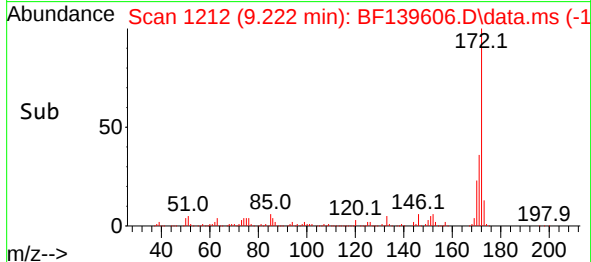
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:172 Resp: 89575
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.4 18.8 28.2

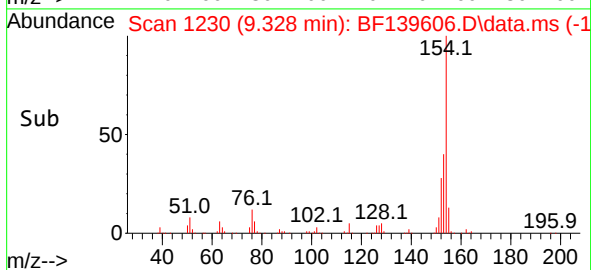
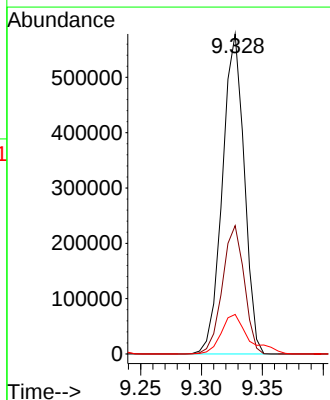
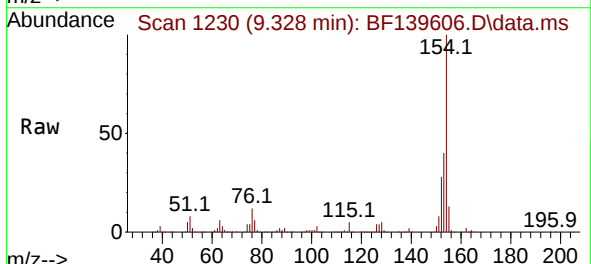
Manual Integrations
APPROVED

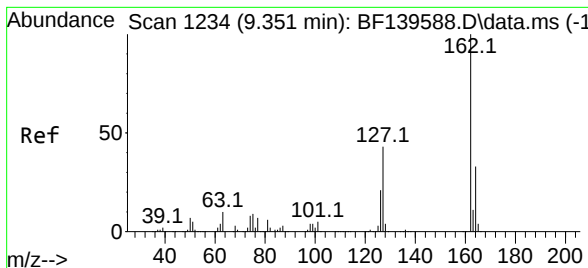
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#46
1,1'-Biphenyl
Concen: 49.056 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

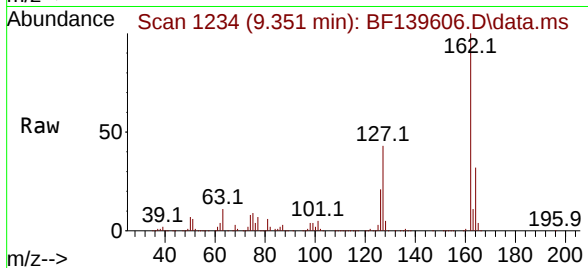
Tgt Ion:154 Resp: 721676
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 12.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 49.182 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

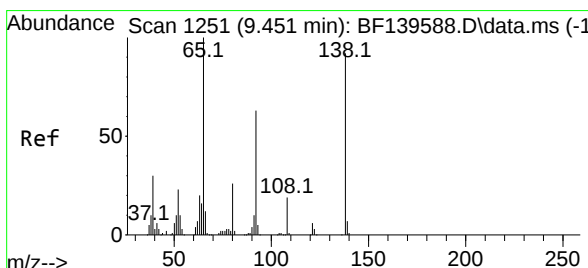
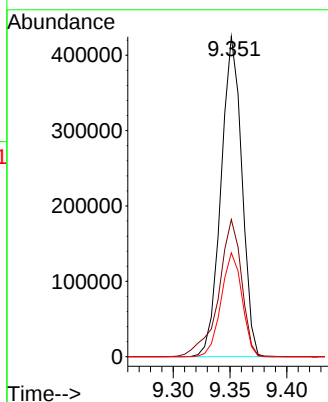
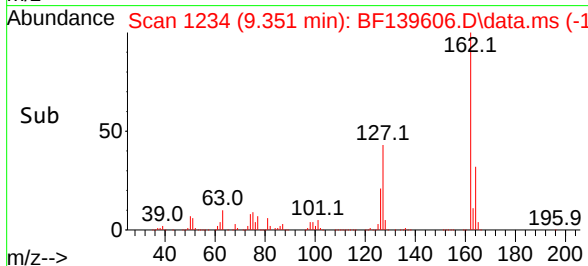
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



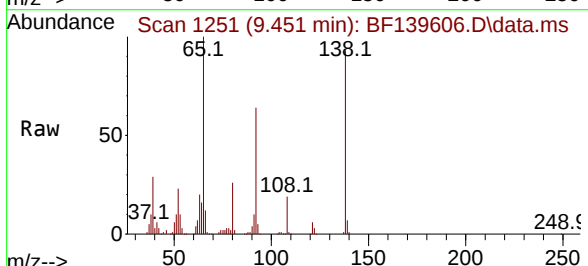
Tgt Ion:162 Resp: 54241
Ion Ratio Lower Upper
162 100
127 42.9 35.0 52.4
164 32.4 26.1 39.1

Manual Integrations
APPROVED

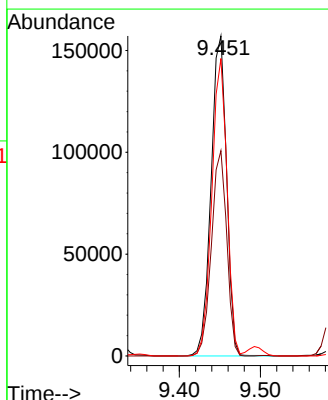
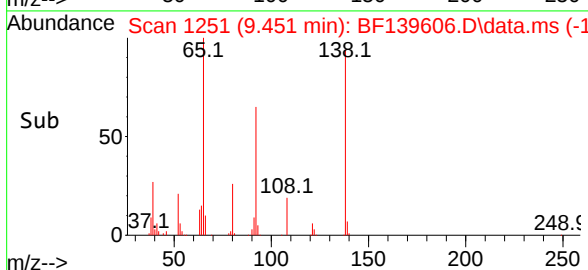
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

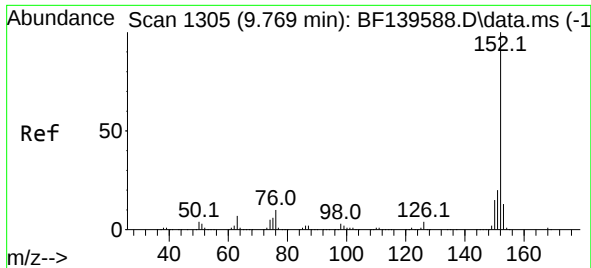


#48
2-Nitroaniline
Concen: 52.689 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



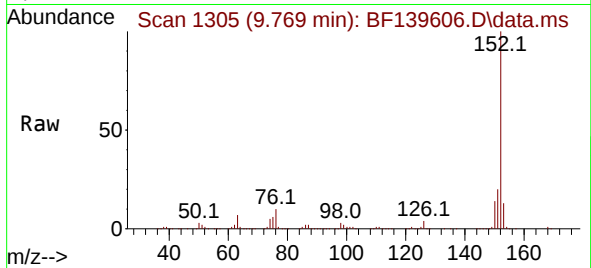
Tgt Ion: 65 Resp: 208592
Ion Ratio Lower Upper
65 100
92 64.2 50.0 75.0
138 93.0 73.8 110.8





#49
Acenaphthylene
Concen: 53.285 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

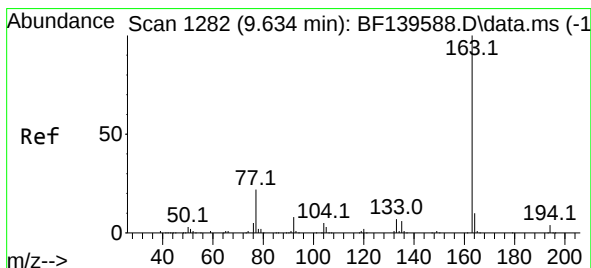
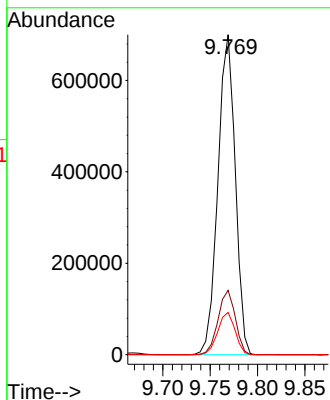
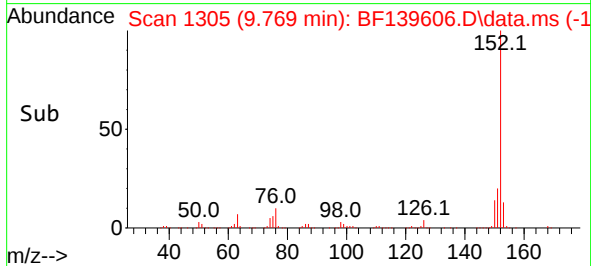
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



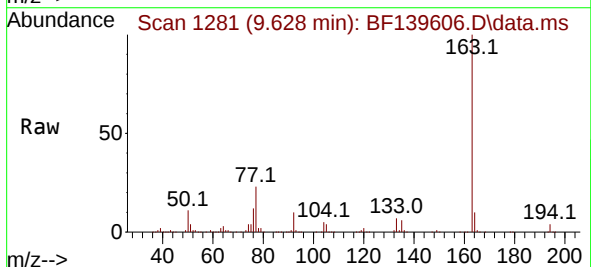
Tgt Ion:152 Resp: 893689
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations
APPROVED

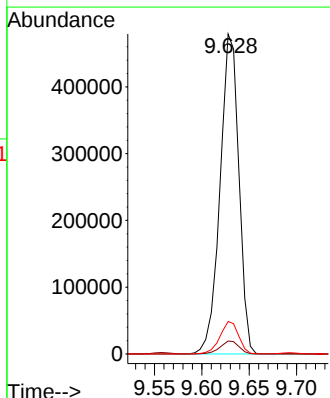
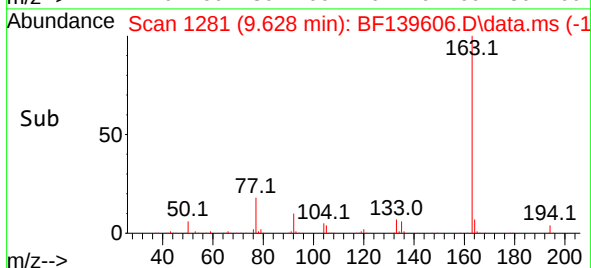
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#50
Dimethylphthalate
Concen: 51.198 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



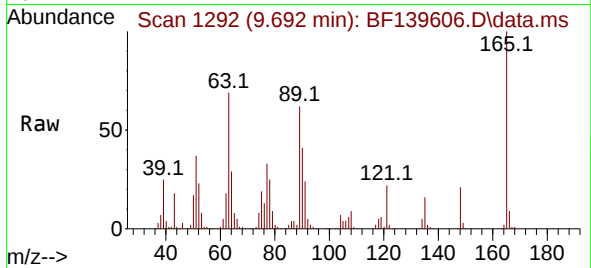
Tgt Ion:163 Resp: 662897
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.643 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

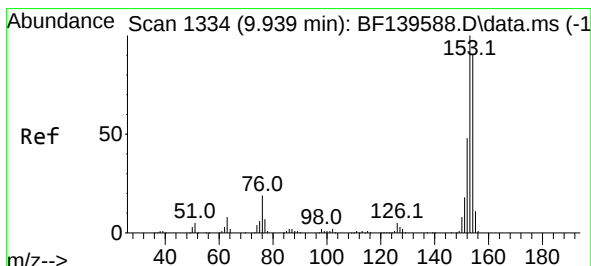
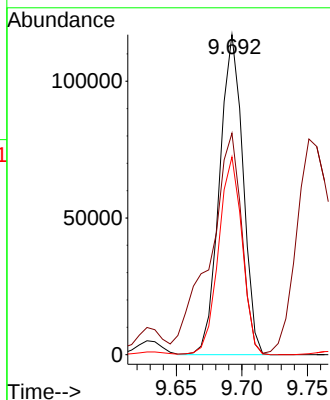
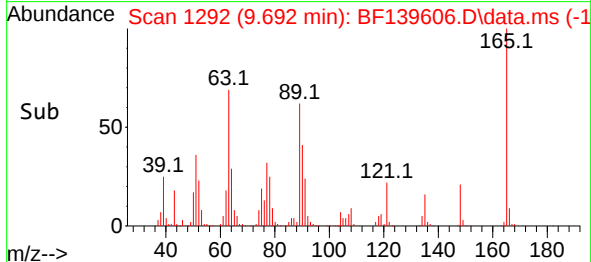
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:165 Resp: 145199
Ion Ratio Lower Upper
165 100
63 69.2 56.7 85.1
89 61.8 51.6 77.4

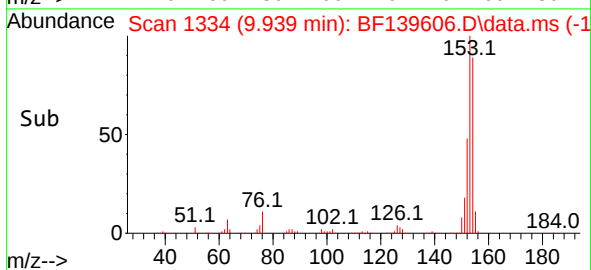
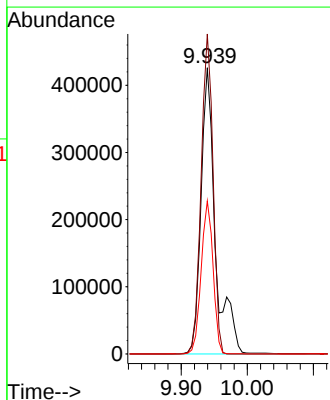
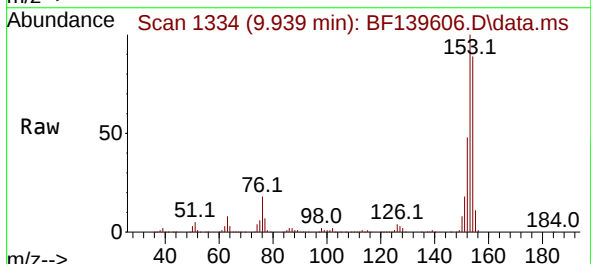
Manual Integrations
APPROVED

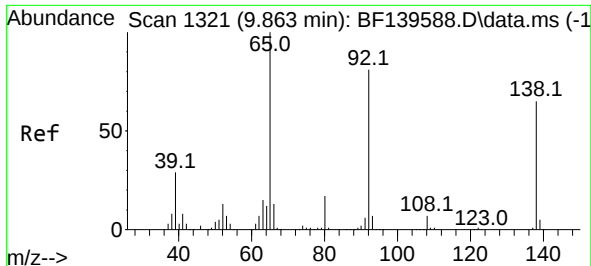
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#52
Acenaphthene
Concen: 56.243 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion:154 Resp: 647581
Ion Ratio Lower Upper
154 100
153 111.8 88.8 133.2
152 53.5 42.5 63.7





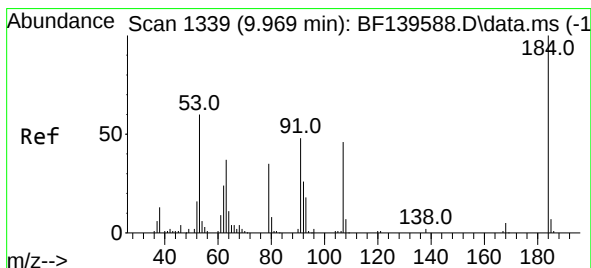
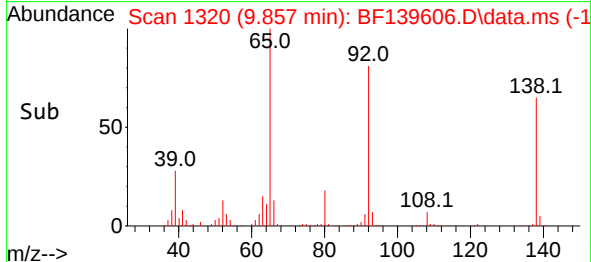
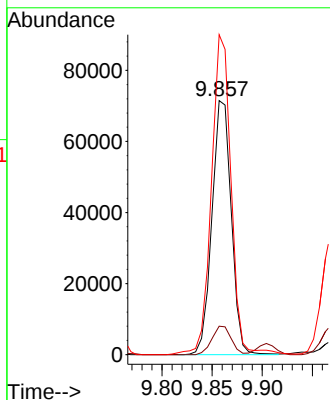
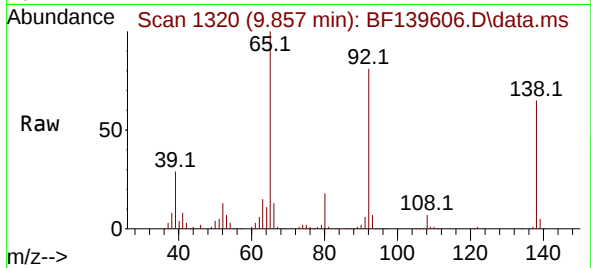
#53
3-Nitroaniline
Concen: 32.064 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:138 Resp: 9583
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 126.0 100.0 150.0

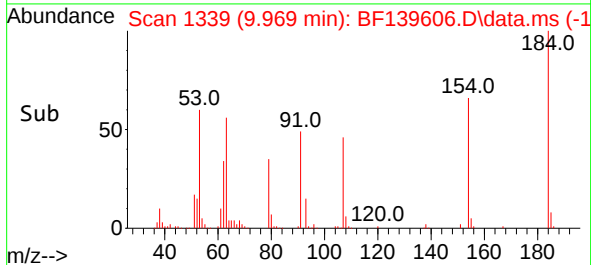
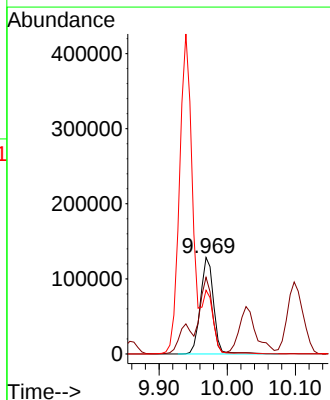
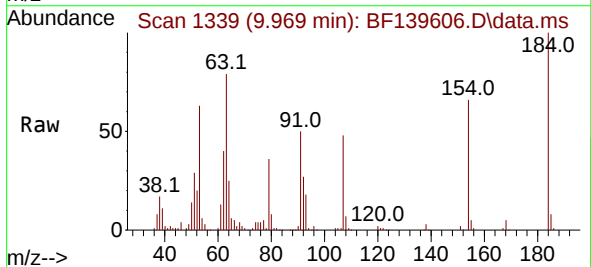
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#54
2,4-Dinitrophenol
Concen: 109.940 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

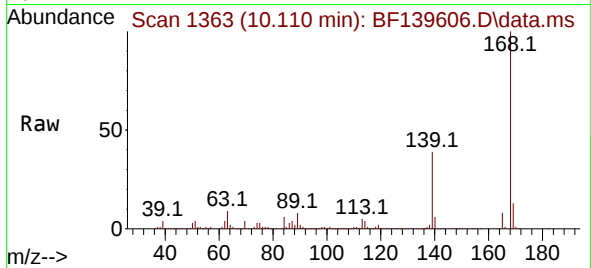
Tgt Ion:184 Resp: 172953
Ion Ratio Lower Upper
184 100
63 79.5 61.7 92.5
154 66.0 53.0 79.4





#55
Dibenzenofuran
Concen: 50.599 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

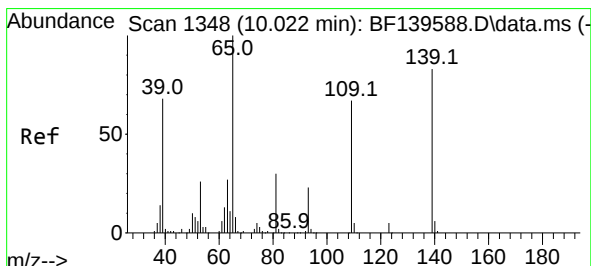
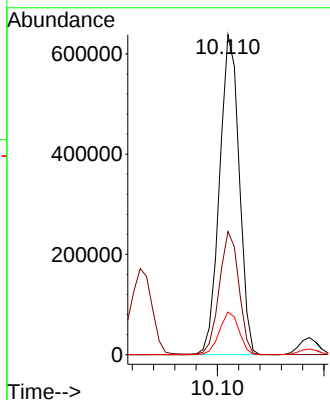
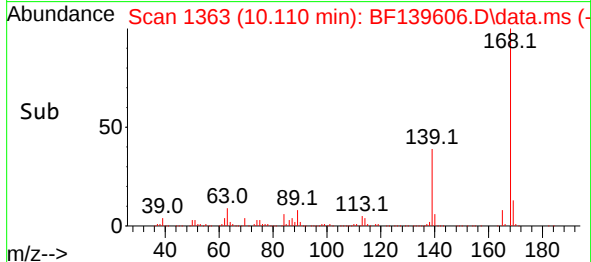
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:168 Resp: 815723
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.3 10.7 16.1

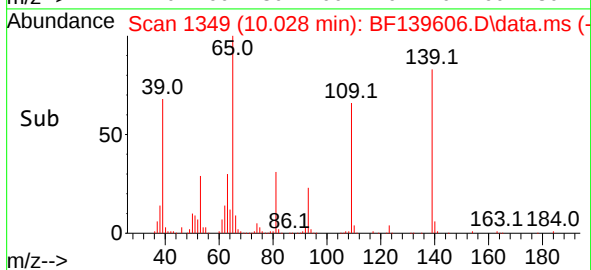
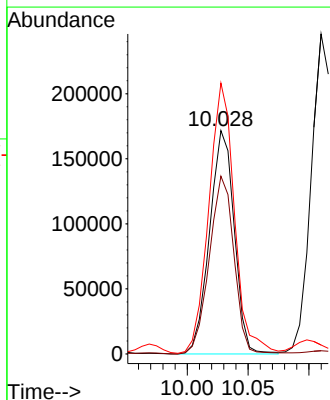
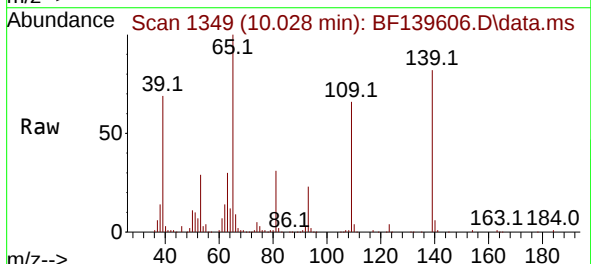
Manual Integrations
APPROVED

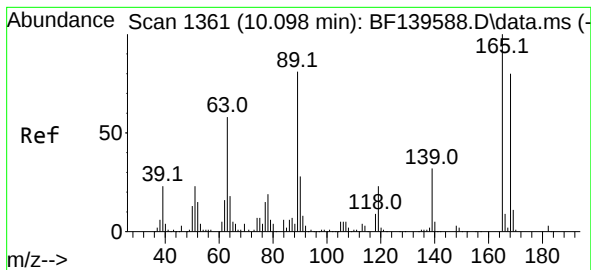
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#56
4-Nitrophenol
Concen: 106.377 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion:139 Resp: 242466
Ion Ratio Lower Upper
139 100
109 79.5 60.3 100.3
65 121.2 100.8 140.8





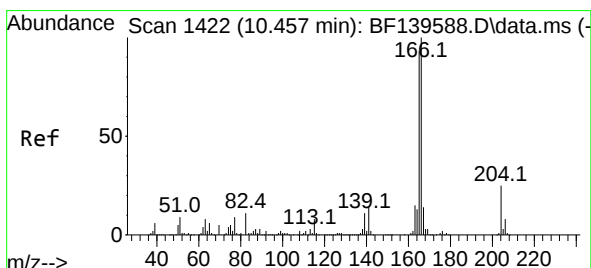
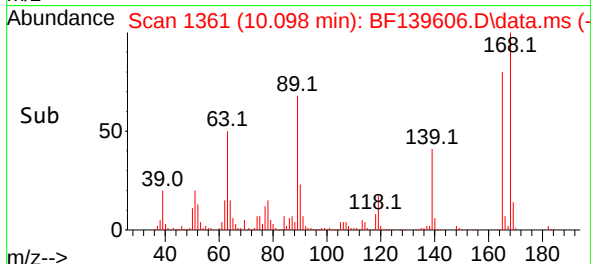
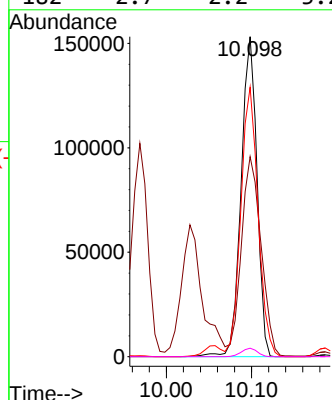
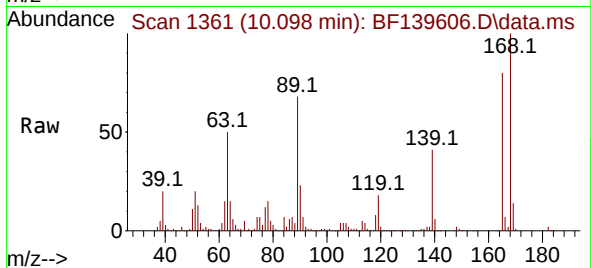
#57
2,4-Dinitrotoluene
Concen: 51.927 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:165 Resp: 19852
Ion Ratio Lower Upper
165 100
63 62.5 46.9 70.3
89 84.2 64.4 96.6
182 2.7 2.2 3.2

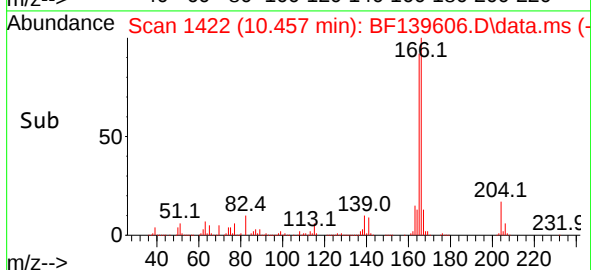
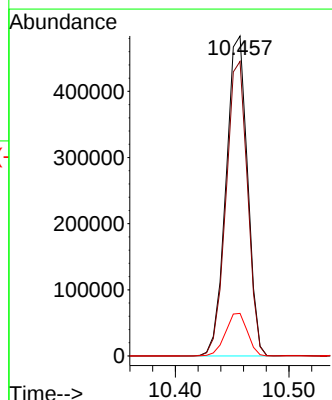
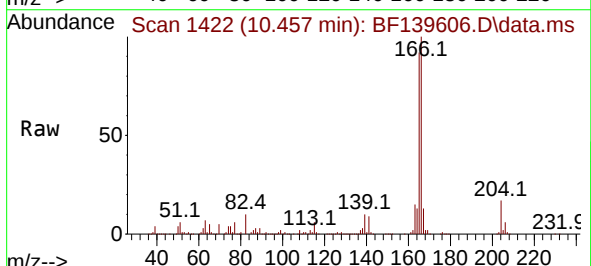
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#58
Fluorene
Concen: 49.528 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

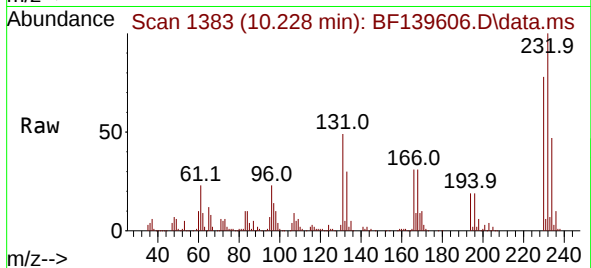
Tgt Ion:166 Resp: 635947
Ion Ratio Lower Upper
166 100
165 92.1 74.4 111.6
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.306 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

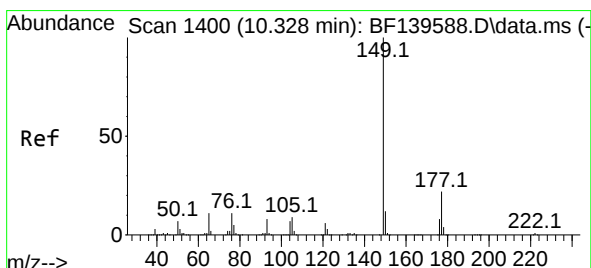
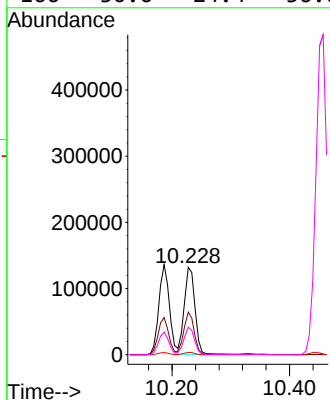
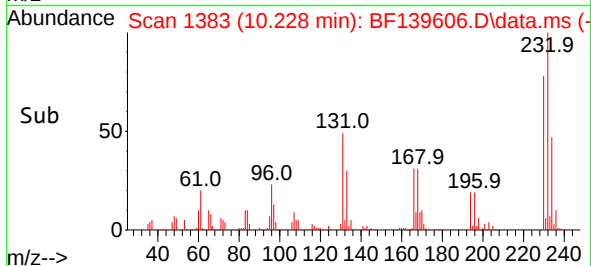
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:232 Resp: 168689
Ion Ratio Lower Upper
232 100
131 48.2 37.8 56.6
130 2.5 1.9 2.9
166 30.6 24.4 36.6

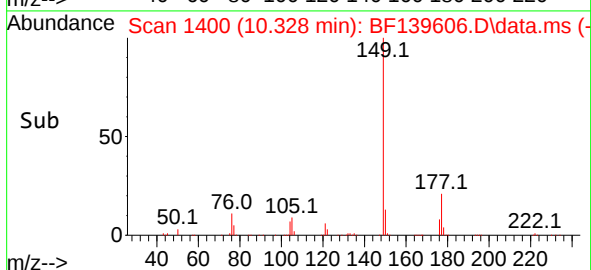
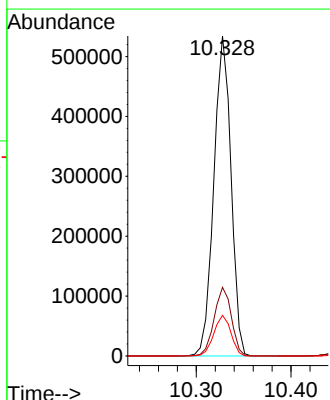
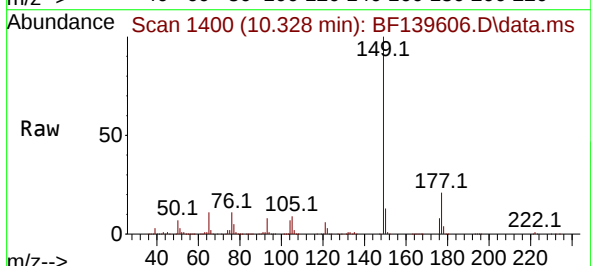
Manual Integrations
APPROVED

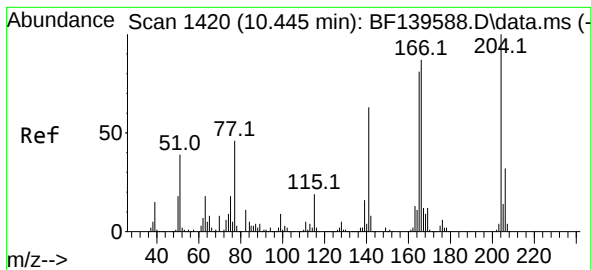
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#60
Diethylphthalate
Concen: 50.285 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

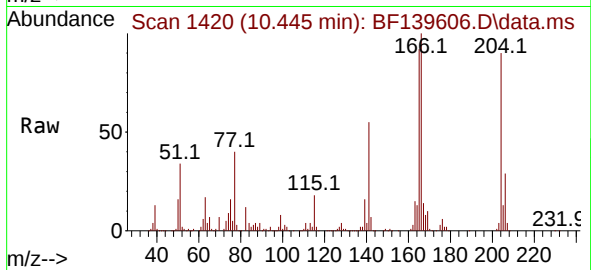
Tgt Ion:149 Resp: 672491
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.737 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

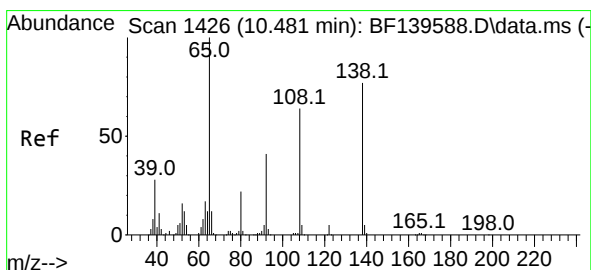
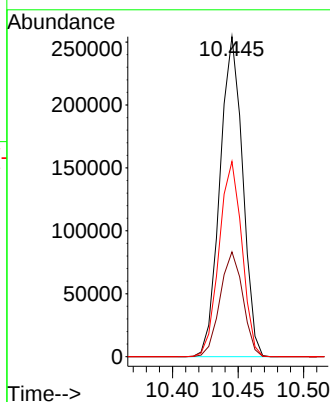
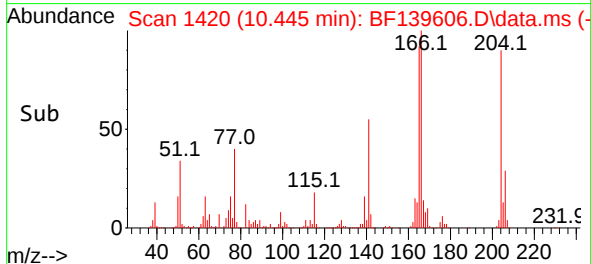
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:204 Resp: 30665
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 61.0 50.5 75.7

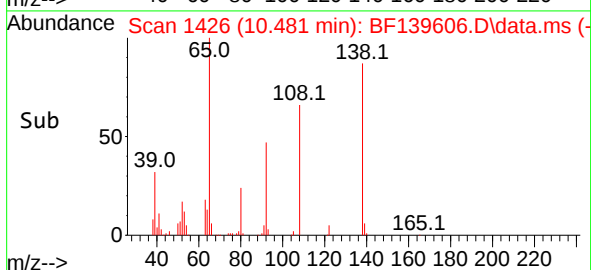
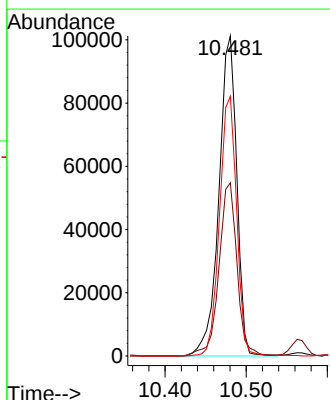
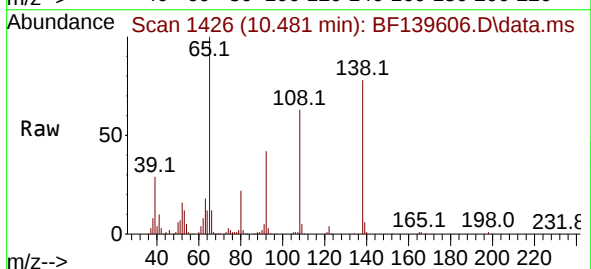
Manual Integrations
APPROVED

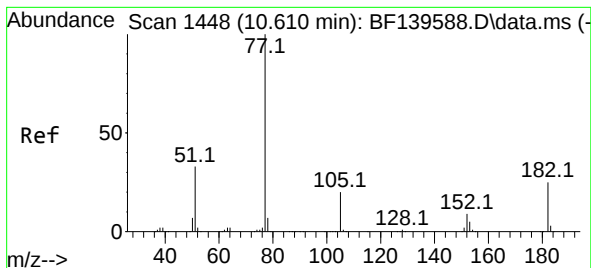
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#62
4-Nitroaniline
Concen: 50.781 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

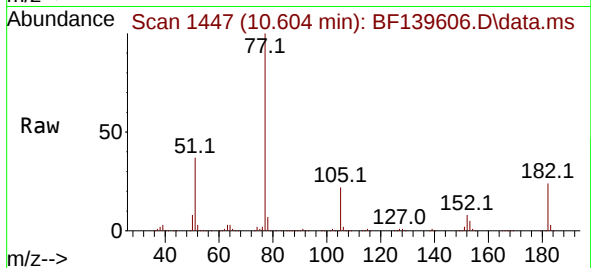
Tgt Ion:138 Resp: 155254
Ion Ratio Lower Upper
138 100
92 54.1 33.3 73.3
108 81.2 62.1 102.1





#63
Azobenzene
Concen: 59.302 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

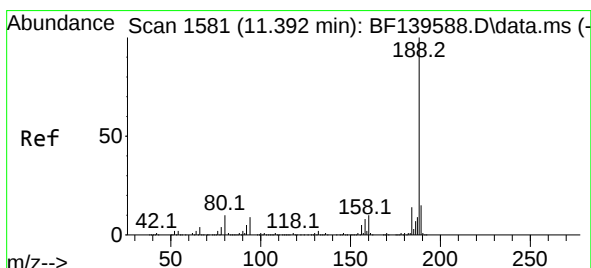
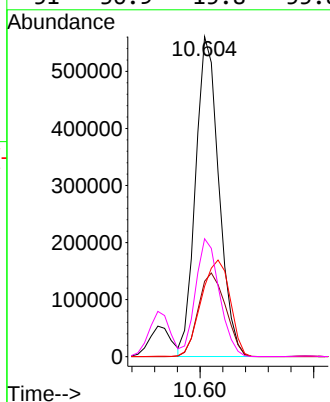
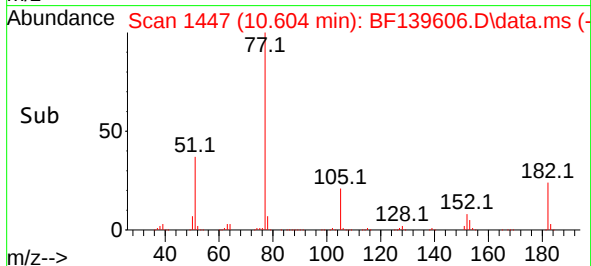
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion: 77 Resp: 797564
Ion Ratio Lower Upper
77 100
182 23.5 4.2 44.2
105 22.0 0.0 39.6
51 36.9 15.8 55.8

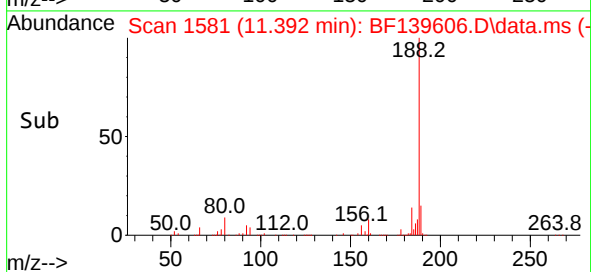
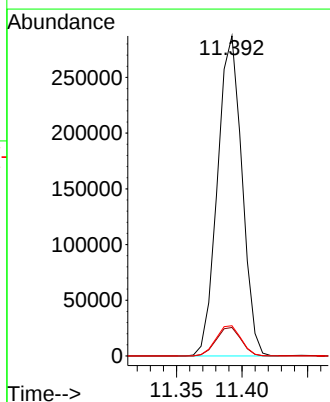
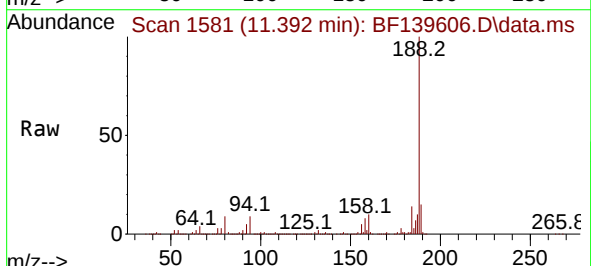
Manual Integrations
APPROVED

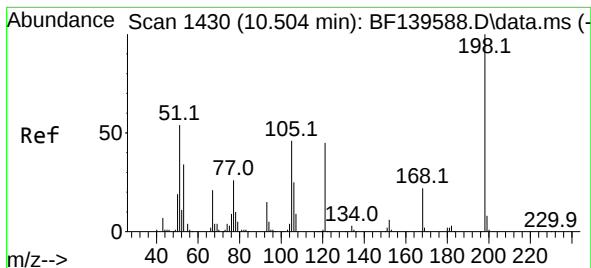
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Tgt Ion:188 Resp: 372524
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.4 8.2 12.2





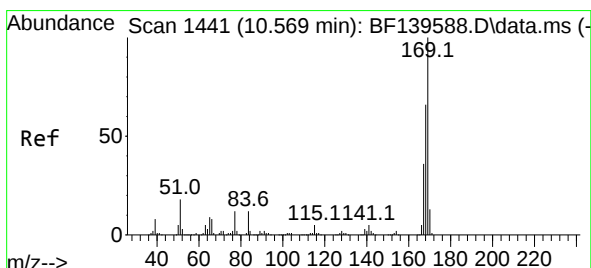
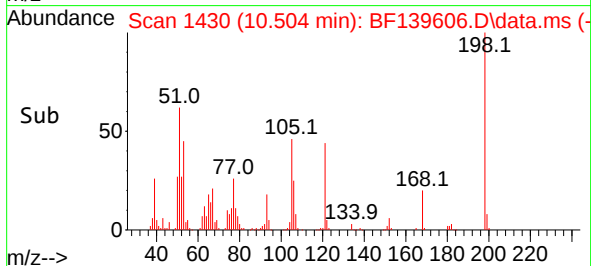
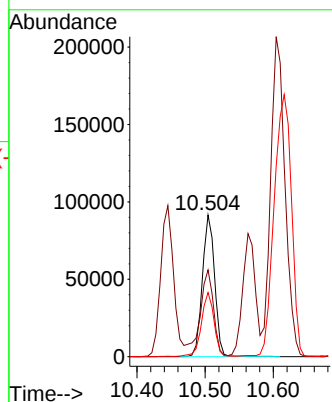
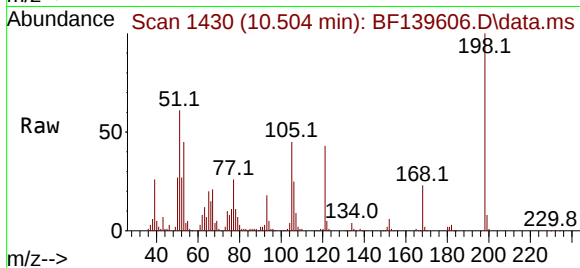
#65
4,6-Dinitro-2-methylphenol
Concen: 54.415 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:198 Resp: 114480
Ion Ratio Lower Upper
198 100
51 61.3 43.0 83.0
105 45.3 26.6 66.6

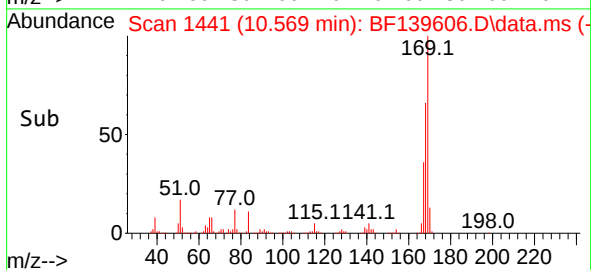
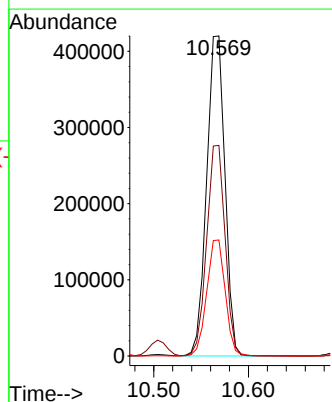
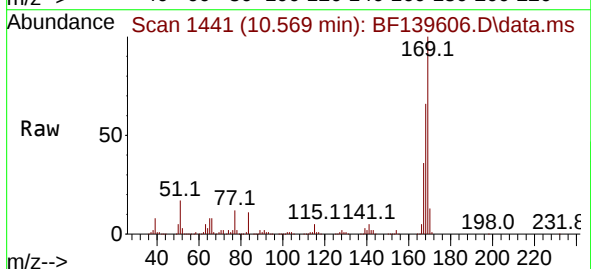
Manual Integrations
APPROVED

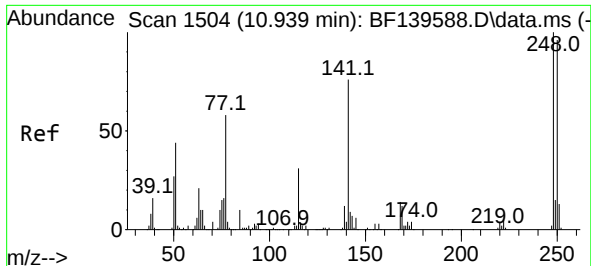
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#66
n-Nitrosodiphenylamine
Concen: 51.221 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

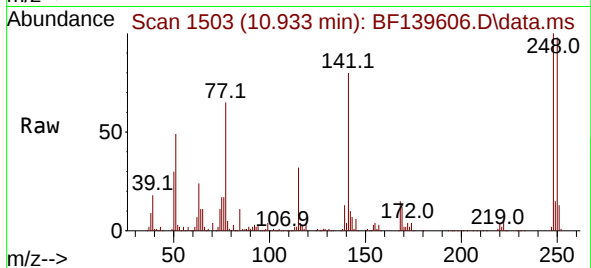
Tgt Ion:169 Resp: 562437
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.3 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 49.119 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

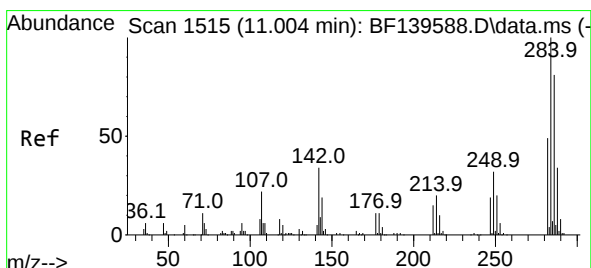
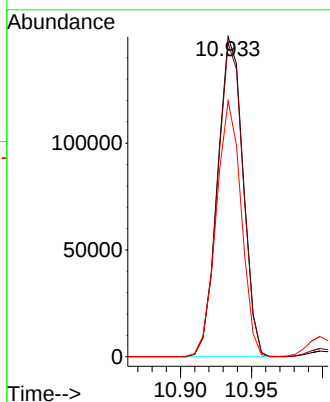
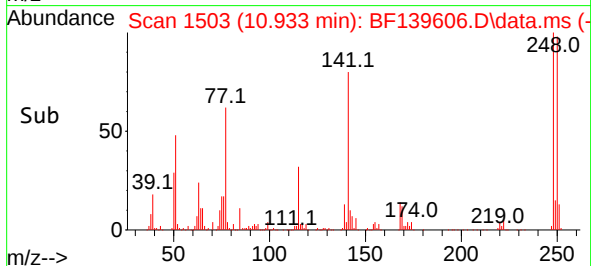
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



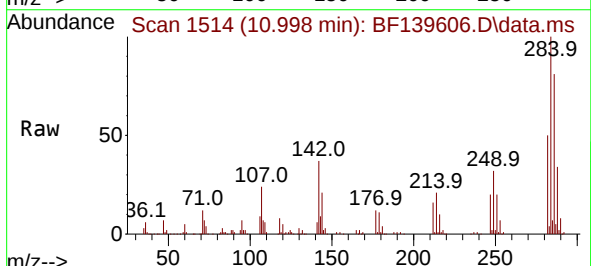
Tgt Ion:248 Resp: 187612
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 80.0 60.4 90.6

Manual Integrations
APPROVED

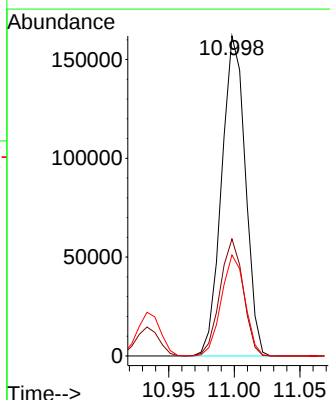
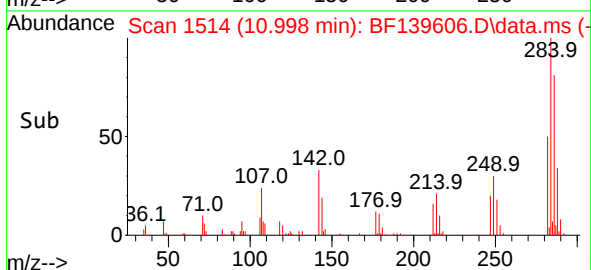
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#68
Hexachlorobenzene
Concen: 48.100 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



Tgt Ion:284 Resp: 203861
Ion Ratio Lower Upper
284 100
142 36.6 26.9 40.3
249 31.6 25.4 38.0





#69

Atrazine

Concen: 62.742 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

Tgt Ion:200 Resp: 18484

Ion Ratio Lower Upper

200 100

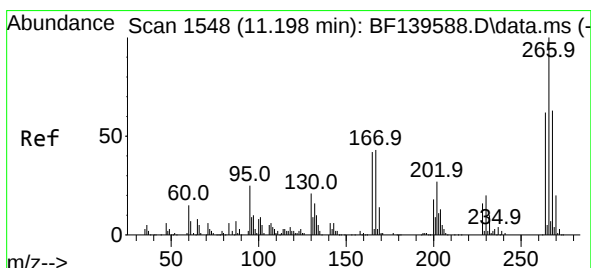
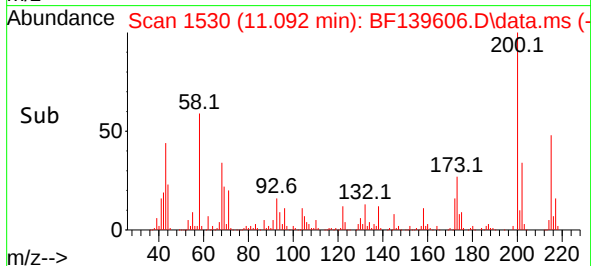
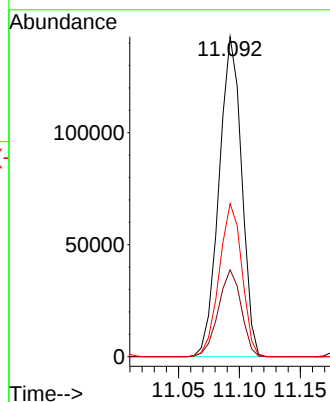
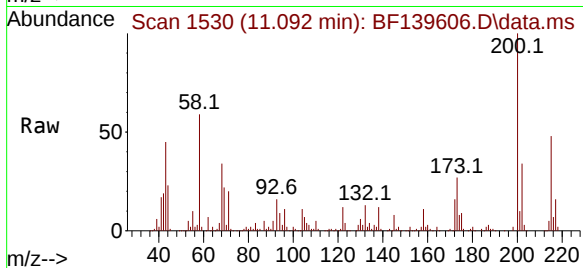
173 27.1 6.7 46.7

215 47.8 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#70

Pentachlorophenol

Concen: 90.204 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

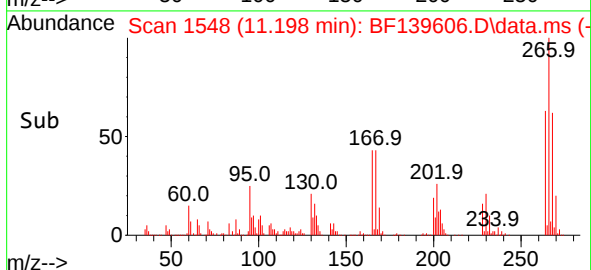
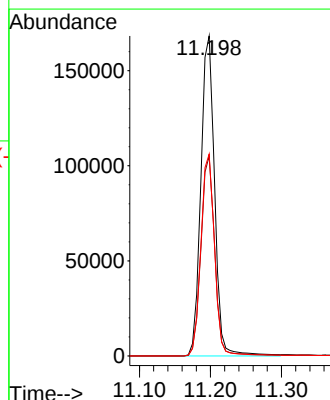
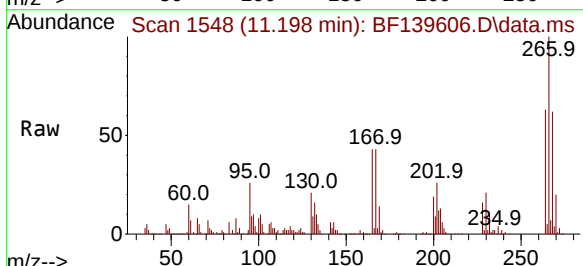
Tgt Ion:266 Resp: 227646

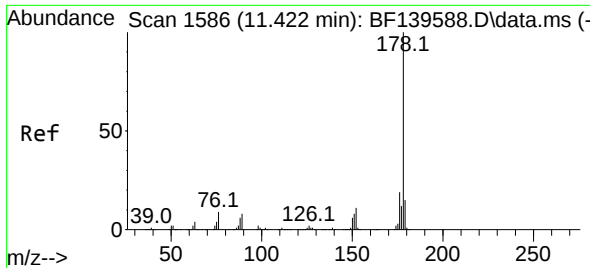
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

264 63.1 49.3 73.9





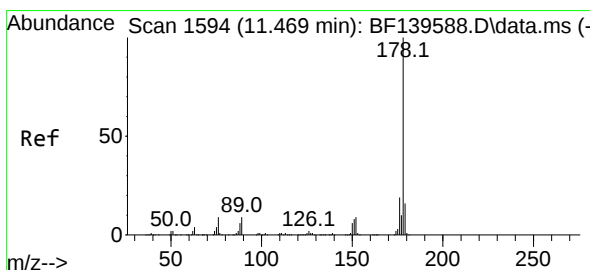
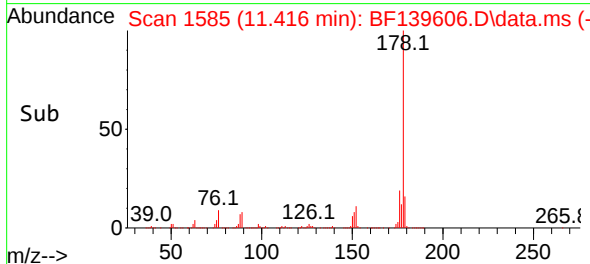
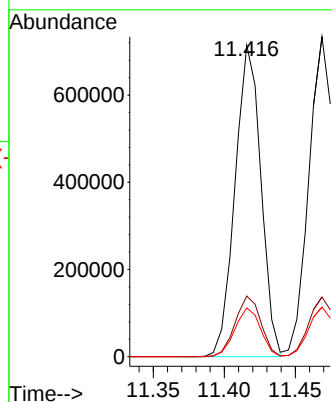
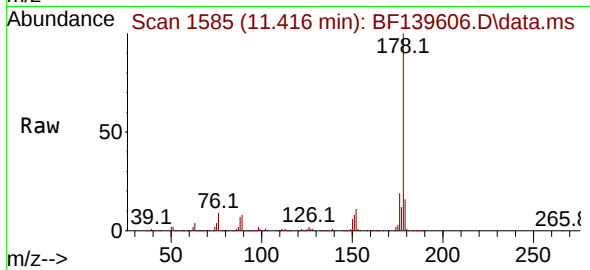
#71
Phenanthrene
Concen: 51.531 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD

Tgt Ion:178 Resp: 905129
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.3 18.5

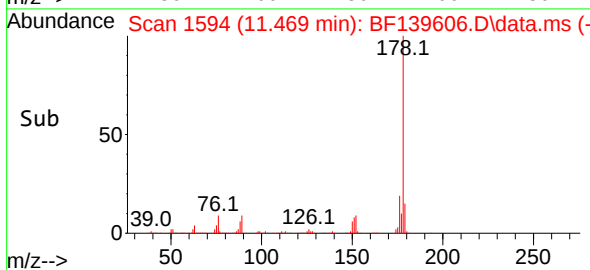
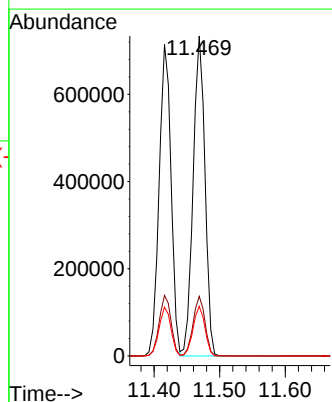
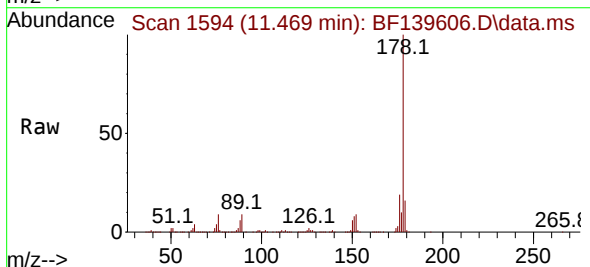
Manual Integrations
APPROVED

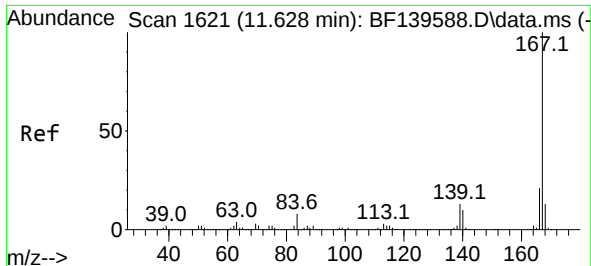
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#72
Anthracene
Concen: 53.039 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

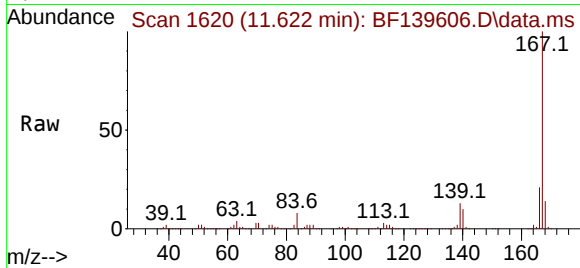
Tgt Ion:178 Resp: 921657
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 50.643 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139606.D
 Acq: 02 Oct 2024 15:00

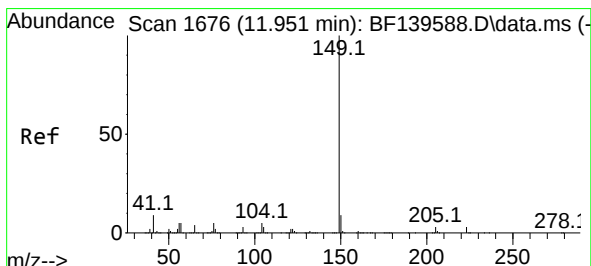
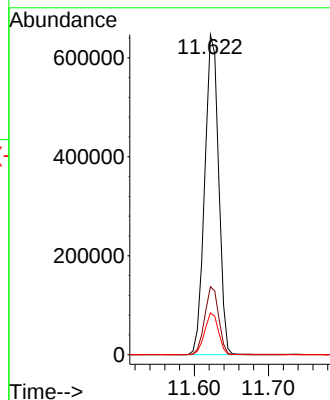
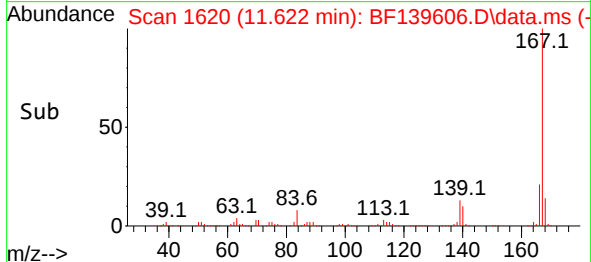
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMSD



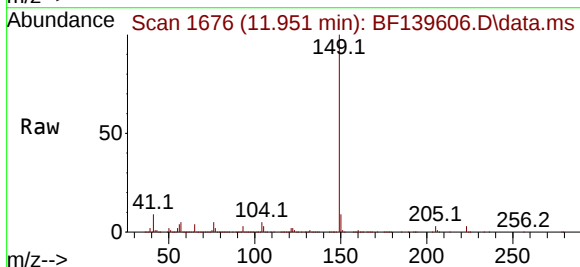
Tgt Ion:167 Resp: 845214
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.0 10.3 15.5

Manual Integrations
 APPROVED

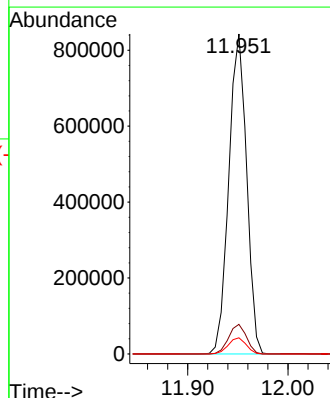
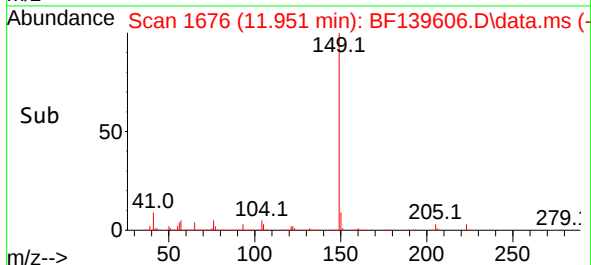
Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

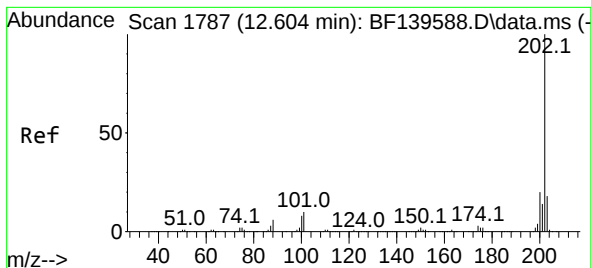


#74
 Di-n-butylphthalate
 Concen: 51.092 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139606.D
 Acq: 02 Oct 2024 15:00



Tgt Ion:149 Resp: 1036912
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 48.487 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

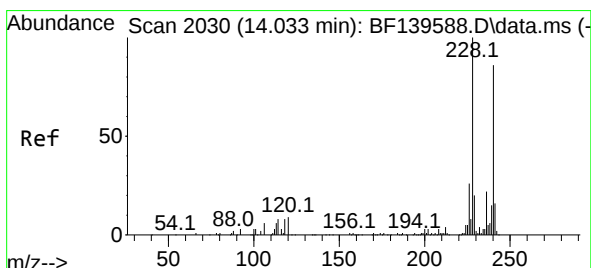
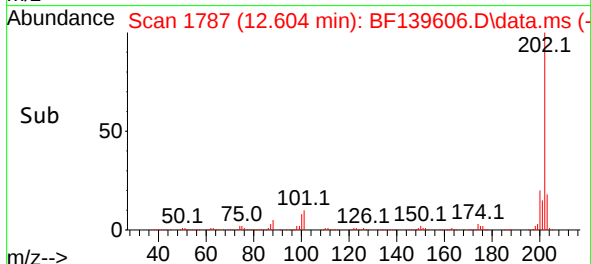
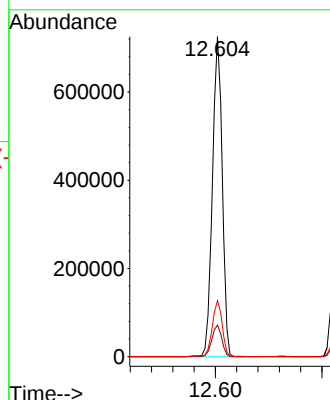
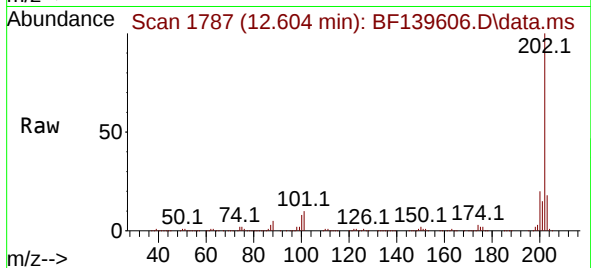
TEST-PIT-NORTHMSD

Tgt Ion:202 Resp: 93100
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 30.2
 203 17.6 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

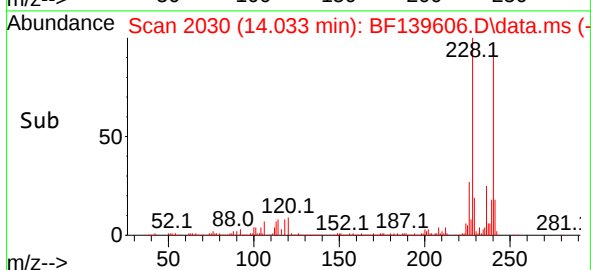
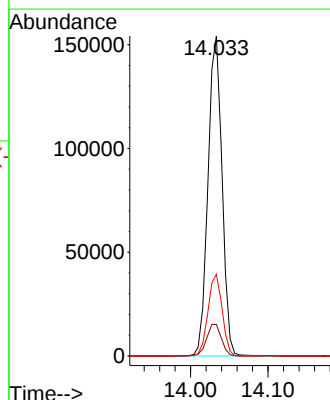
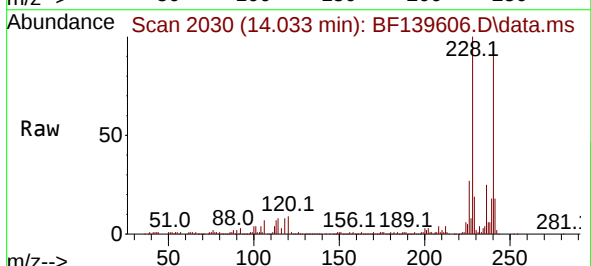
RT: 14.033 min Scan# 2030

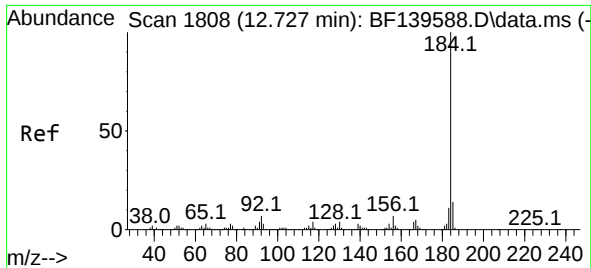
Delta R.T. 0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

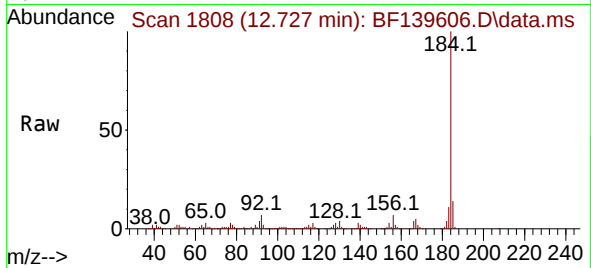
Tgt Ion:240 Resp: 193895
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 25.5 20.3 30.5





#77
Benzidine
Concen: 71.910 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

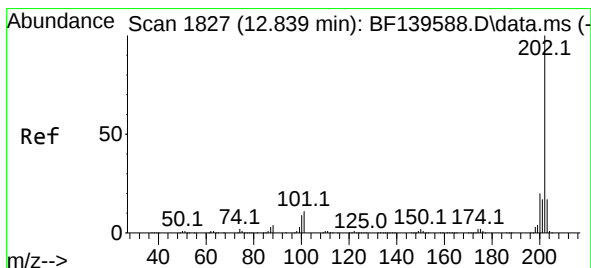
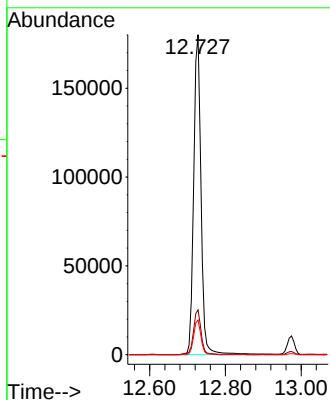
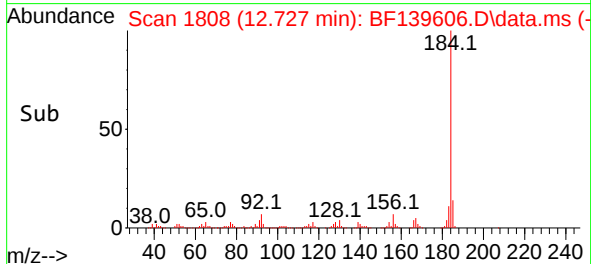
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



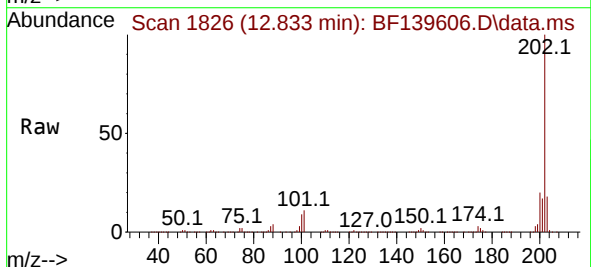
Tgt Ion:184 Resp: 245938
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 10.8 8.8 13.2

Manual Integrations
APPROVED

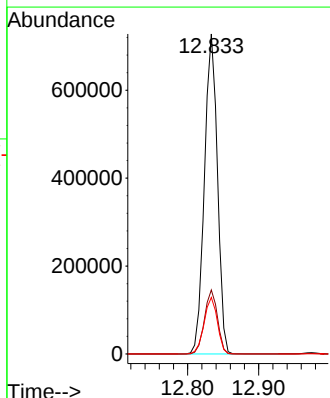
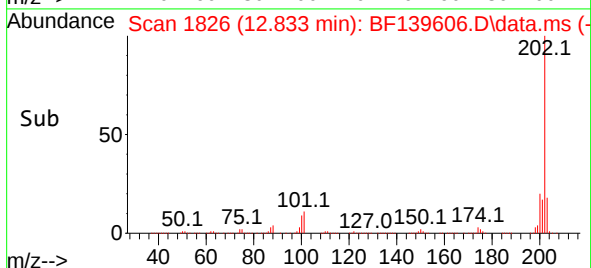
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

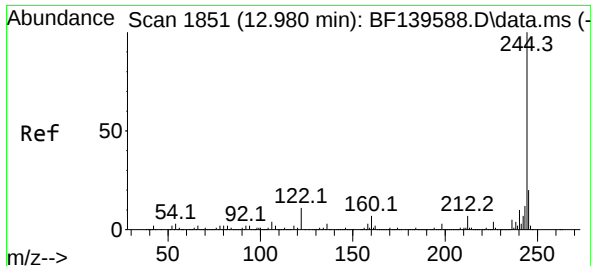


#78
Pyrene
Concen: 53.589 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



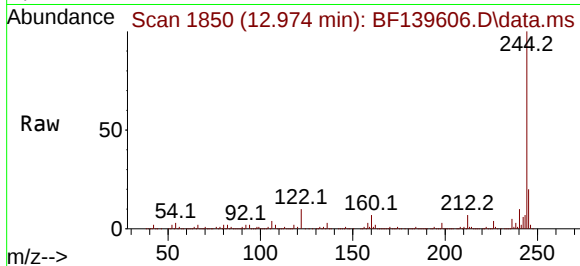
Tgt Ion:202 Resp: 929328
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.6
203 17.7 13.8 20.8





#79
Terphenyl-d14
Concen: 80.074 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

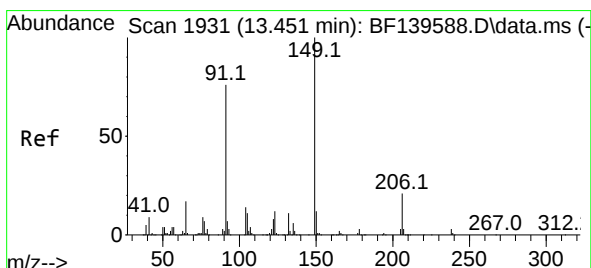
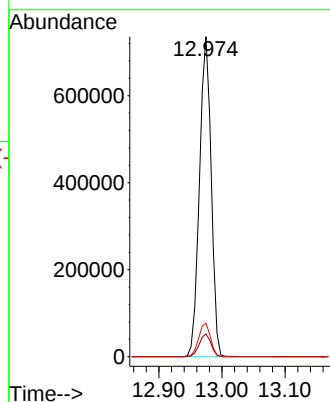
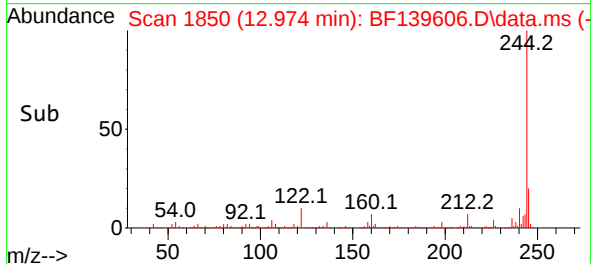
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:244 Resp: 946227
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.4 8.6 12.8

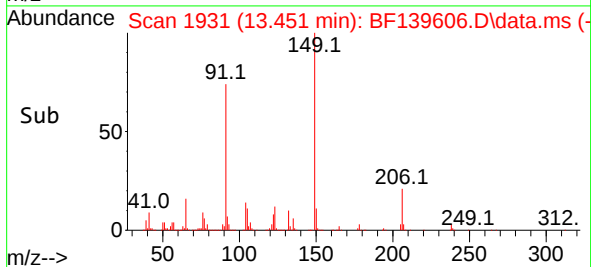
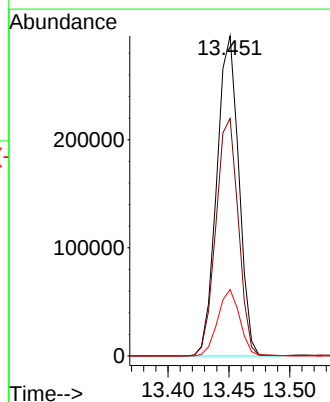
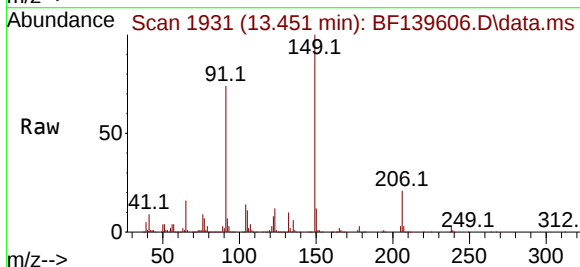
Manual Integrations
APPROVED

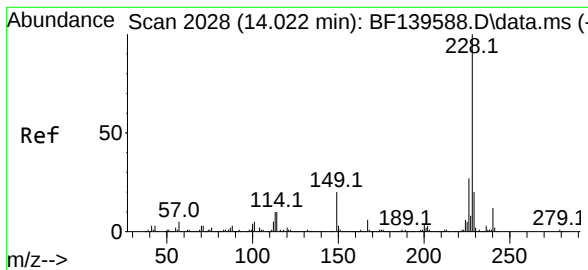
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#80
Butylbenzylphthalate
Concen: 60.264 ng
RT: 13.451 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

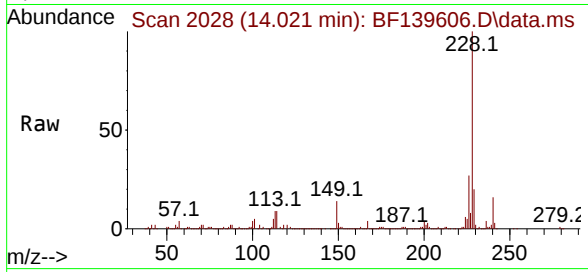
Tgt Ion:149 Resp: 373816
Ion Ratio Lower Upper
149 100
91 74.2 61.0 91.4
206 20.7 16.6 24.8





#81
Benzo(a)anthracene
Concen: 51.323 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

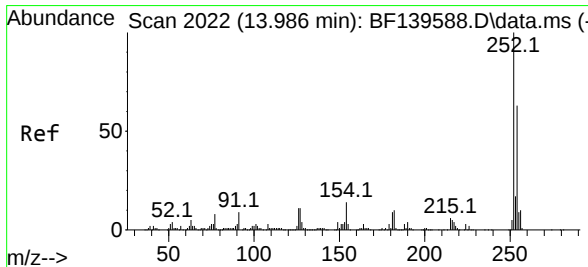
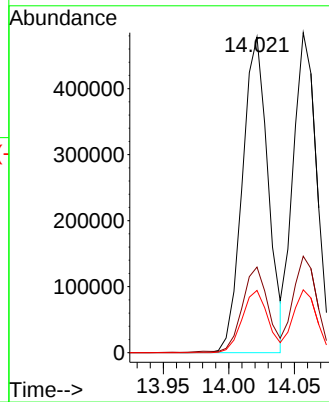
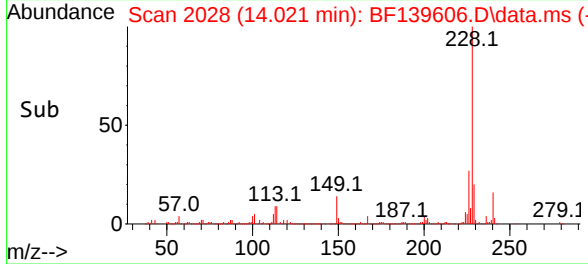
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



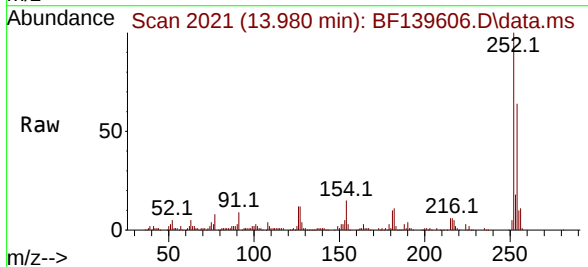
Tgt Ion:228 Resp: 654258
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.8

Manual Integrations
APPROVED

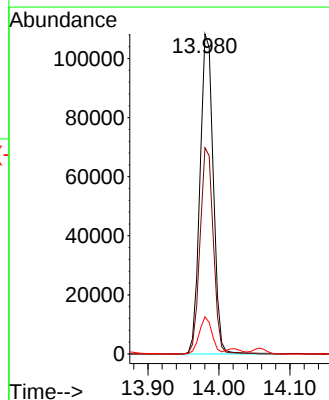
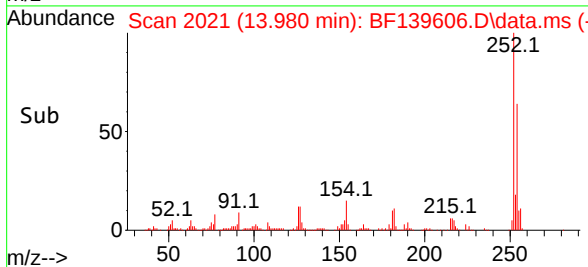
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

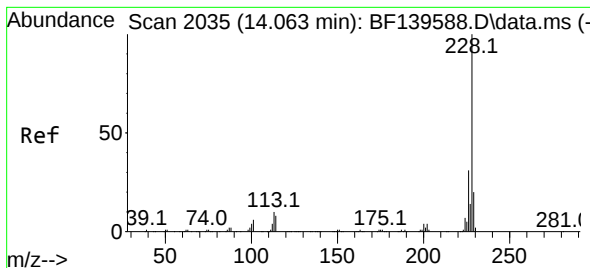


#82
3,3'-Dichlorobenzidine
Concen: 36.203 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



Tgt Ion:252 Resp: 141244
Ion Ratio Lower Upper
252 100
254 64.5 50.5 75.7
126 11.6 8.8 13.2





#83

Chrysene

Concen: 51.693 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

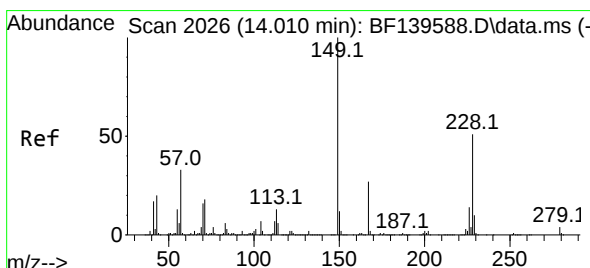
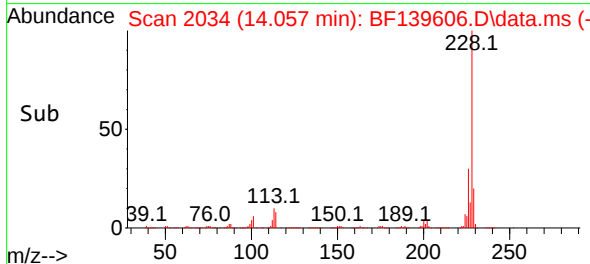
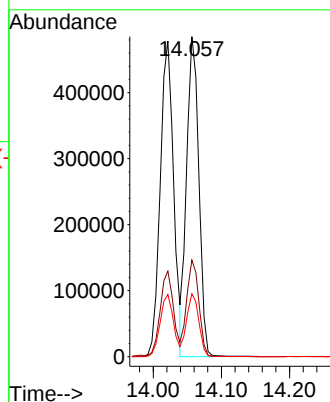
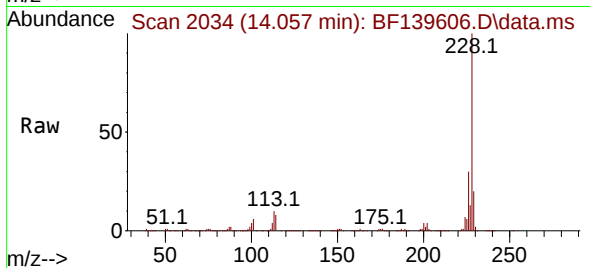
Tgt Ion:228 Resp: 60246

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.235 ng

RT: 14.004 min Scan# 2025

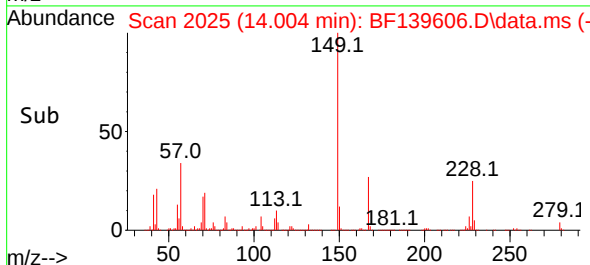
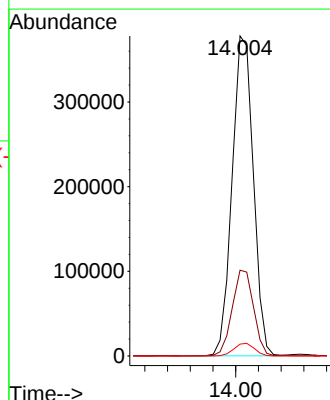
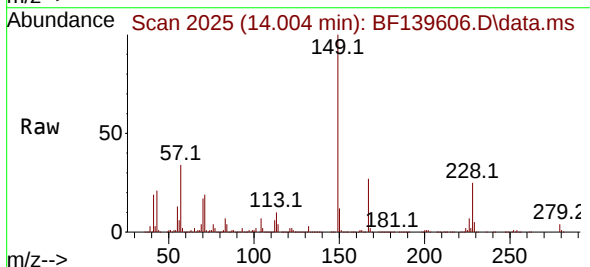
Delta R.T. -0.006 min

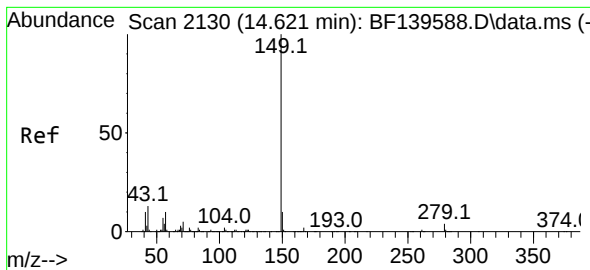
Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Tgt Ion:149 Resp: 489801

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.7	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 63.103 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-NORTHMSD

Tgt Ion:149 Resp: 71806

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

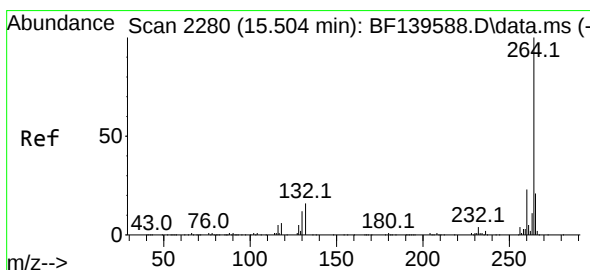
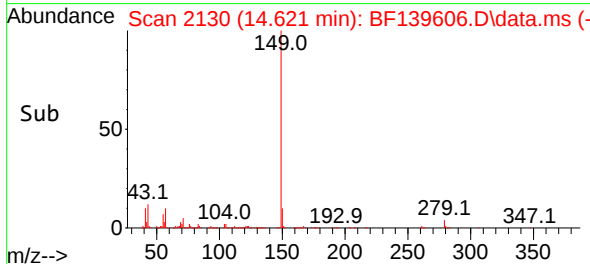
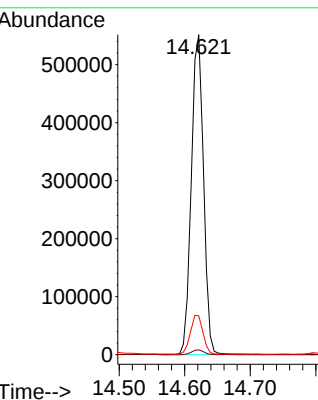
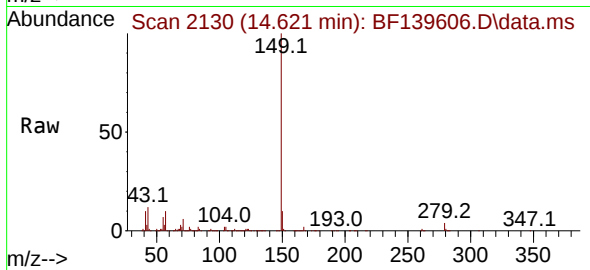
43 12.6 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024

Supervised By :mohammad ahmed 10/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139606.D

Acq: 02 Oct 2024 15:00

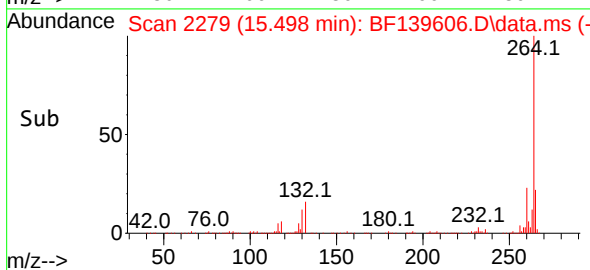
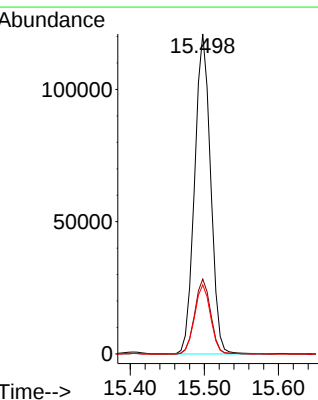
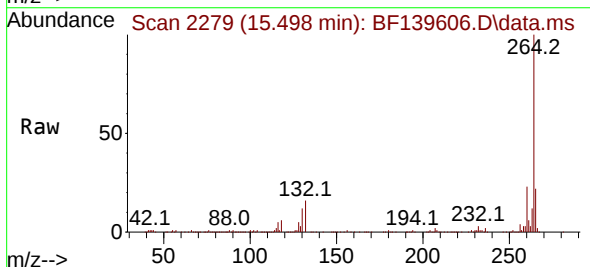
Tgt Ion:264 Resp: 180833

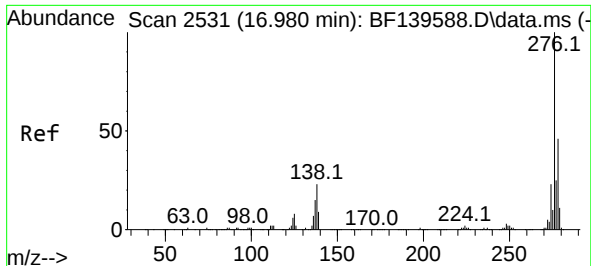
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

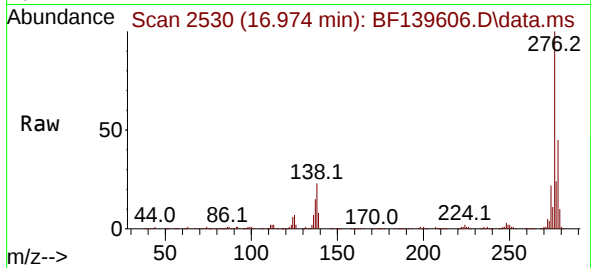
265 21.6 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.790 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

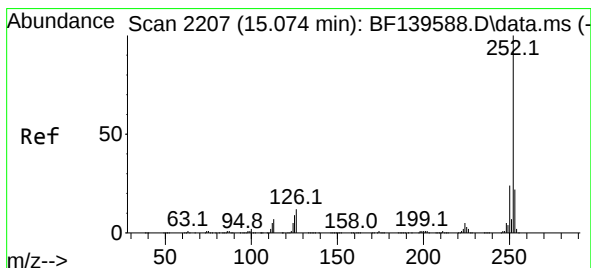
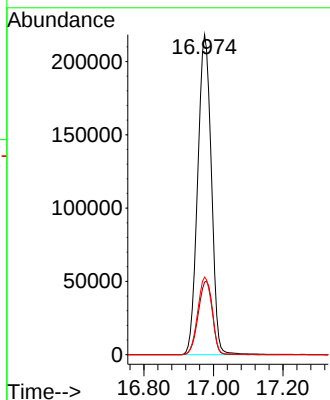
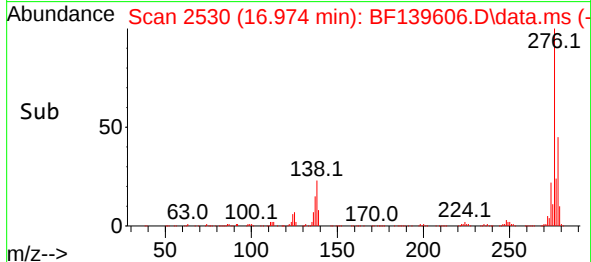
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



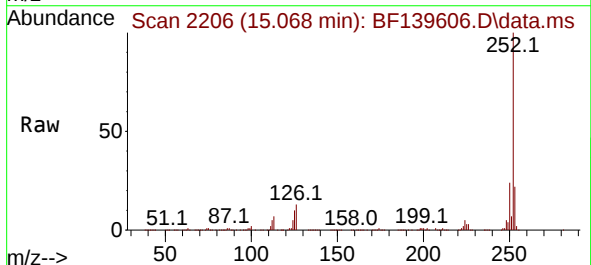
Tgt Ion:276 Resp: 59380
Ion Ratio Lower Upper
276 100
138 24.1 19.4 29.0
277 25.2 20.2 30.2

Manual Integrations
APPROVED

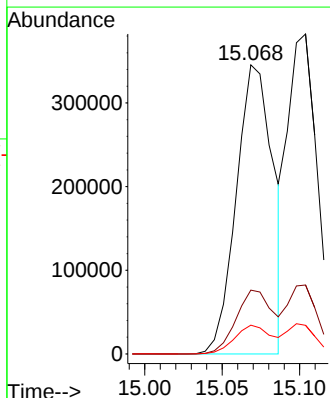
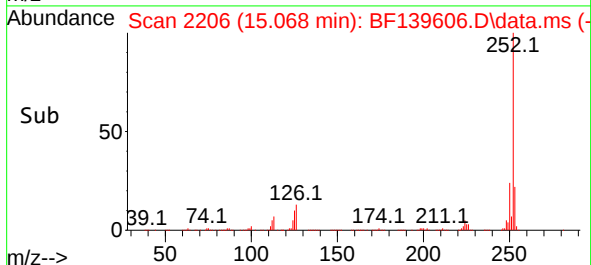
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

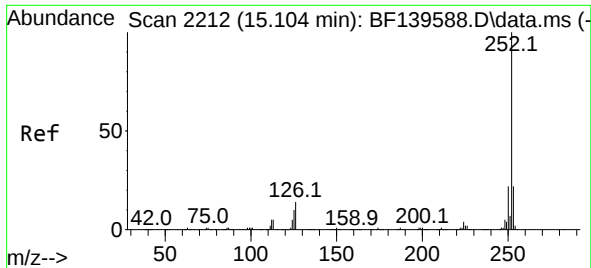


#88
Benzo(b)fluoranthene
Concen: 48.886 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



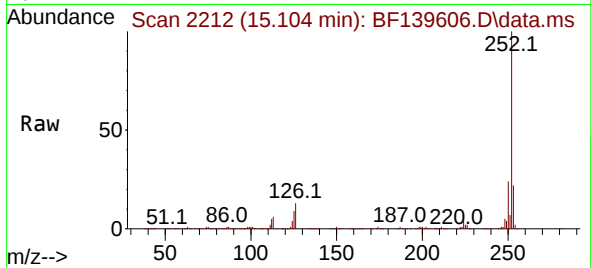
Tgt Ion:252 Resp: 571595
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 10.0 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 51.247 ng
RT: 15.104 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

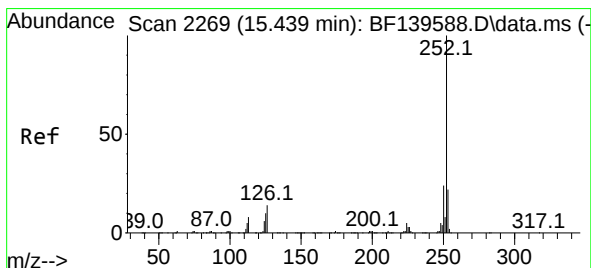
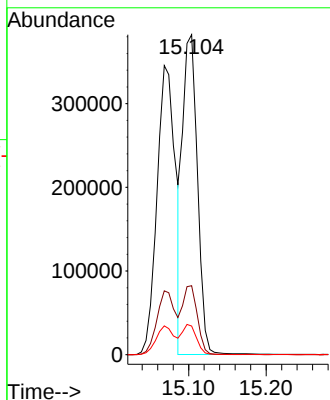
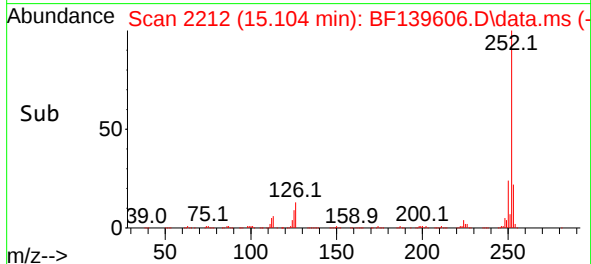
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



Tgt Ion:252 Resp: 50827
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.9 7.6 11.4

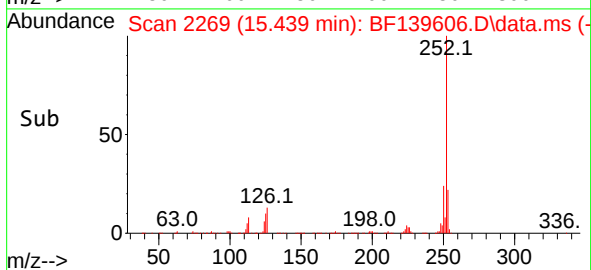
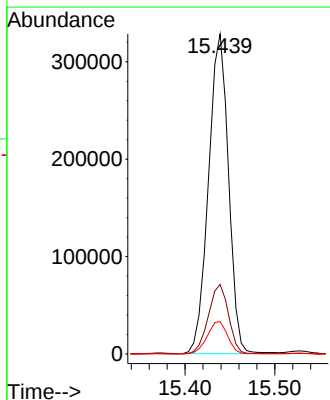
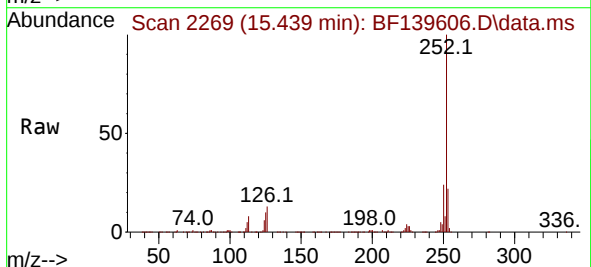
Manual Integrations
APPROVED

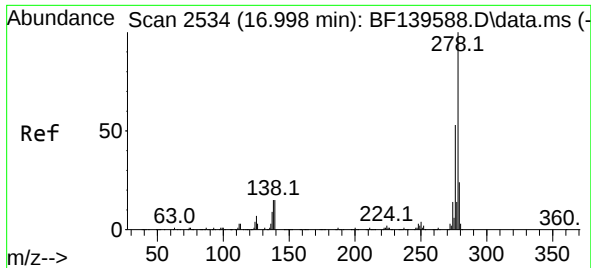
Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#90
Benzo(a)pyrene
Concen: 55.175 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

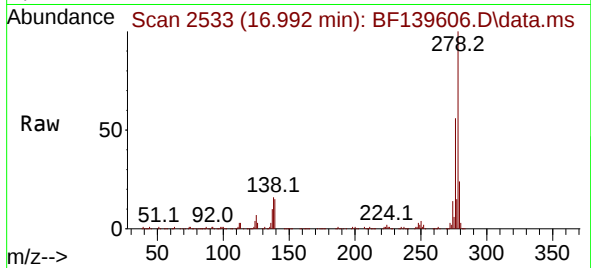
Tgt Ion:252 Resp: 508683
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.1 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 54.641 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00

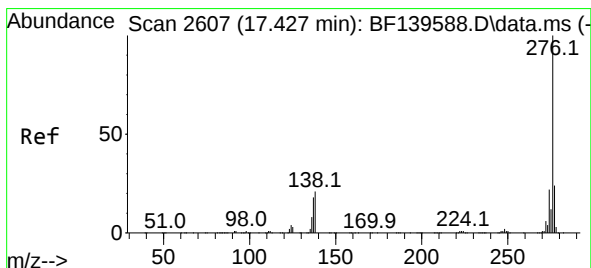
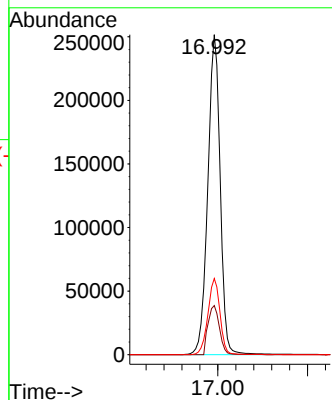
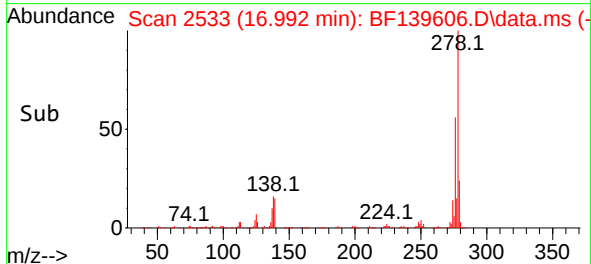
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTHMSD



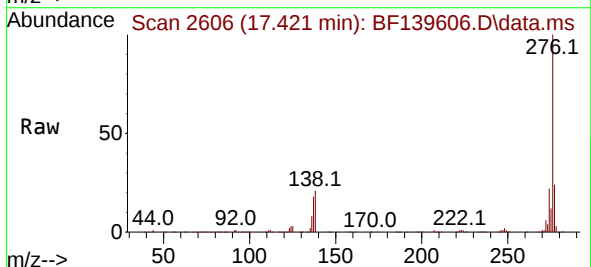
Tgt Ion:278 Resp: 48236
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024



#92
Benzo(g,h,i)perylene
Concen: 49.593 ng
RT: 17.421 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF139606.D
Acq: 02 Oct 2024 15:00



Tgt Ion:276 Resp: 439063
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.5 17.0 25.6

