

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139472.D
 Acq On : 19 Sep 2024 19:20
 Operator : RC/JU
 Sample : P4015-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:37:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	88950	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	330651	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	167669	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	271500	20.000	ng	0.00
76) Chrysene-d12	14.033	240	133408	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	147512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	583148	106.950	ng	0.02
7) Phenol-d6	6.516	99	769414	107.508	ng	0.01
23) Nitrobenzene-d5	7.445	82	523493	74.429	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	175202	98.150	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	929933	77.787	ng	0.00
79) Terphenyl-d14	12.980	244	615334	75.708	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	97764	44.691	ng	97
3) Pyridine	3.510	79	247060	51.224	ng	98
4) n-Nitrosodimethylamine	3.481	42	185093	44.276	ng	84
6) Aniline	6.539	93	276996	51.286	ng	# 66
8) 2-Chlorophenol	6.663	128	276263	49.221	ng	99
9) Benzaldehyde	6.428	77	53425	12.920	ng	97
10) Phenol	6.528	94	360631	49.475	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	265563	47.934	ng	99
12) 1,3-Dichlorobenzene	6.822	146	291145	45.611	ng	99
13) 1,4-Dichlorobenzene	6.898	146	298321	46.248	ng	99
14) 1,2-Dichlorobenzene	7.051	146	281656	46.210	ng	98
15) Benzyl Alcohol	7.022	79	272729	47.764	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	496197	58.116	ng	94
17) 2-Methylphenol	7.134	107	221750	49.727	ng	99
18) Hexachloroethane	7.392	117	107866	43.903	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	218151	51.438	ng	99
20) 3+4-Methylphenols	7.286	107	282966	46.510	ng	92
22) Acetophenone	7.292	105	392064	45.356	ng	97
24) Nitrobenzene	7.463	77	325546	44.972	ng	99
25) Isophorone	7.704	82	570740	51.310	ng	99
26) 2-Nitrophenol	7.781	139	137289	48.680	ng	92
27) 2,4-Dimethylphenol	7.816	122	221837	59.631	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	330510	52.135	ng	98
29) 2,4-Dichlorophenol	8.022	162	226939	48.019	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	247541	44.954	ng	99
31) Naphthalene	8.186	128	808020	46.809	ng	100
32) Benzoic acid	7.939	122	141283	40.582	ng	94
33) 4-Chloroaniline	8.228	127	109046	20.649	ng	98
34) Hexachlorobutadiene	8.298	225	168599	45.067	ng	99
35) Caprolactam	8.610	113	67621m	46.514	ng	
36) 4-Chloro-3-methylphenol	8.716	107	248470	46.003	ng	97
37) 2-Methylnaphthalene	8.875	142	520811	47.534	ng	99
38) 1-Methylnaphthalene	8.975	142	477336	44.375	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	251679	50.648	ng	99
41) Hexachlorocyclopentadiene	9.028	237	240026	138.341	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	163129	50.459	ng	98

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Instrument :
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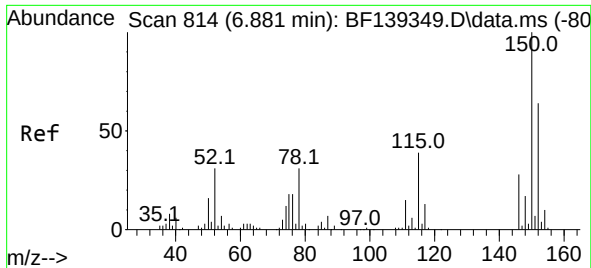
Manual Integrations
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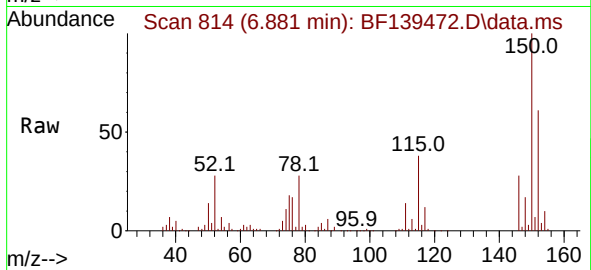
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	165967	48.668	ng	97
46) 1,1'-Biphenyl	9.339	154	644618	49.973	ng	99
47) 2-Chloronaphthalene	9.363	162	476021	49.356	ng	100
48) 2-Nitroaniline	9.457	65	179272	49.974	ng	97
49) Acenaphthylene	9.780	152	760181	52.361	ng	99
50) Dimethylphthalate	9.639	163	563915	51.242	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116959	47.975	ng	93
52) Acenaphthene	9.951	154	527389	52.048	ng	100
53) 3-Nitroaniline	9.869	138	81872	33.604	ng	93
54) 2,4-Dinitrophenol	9.975	184	112386	82.731	ng	88
55) Dibenzofuran	10.122	168	680522	48.185	ng	97
56) 4-Nitrophenol	10.033	139	173031	85.828	ng	85
57) 2,4-Dinitrotoluene	10.104	165	153159	46.533	ng	98
58) Fluorene	10.463	166	524698	45.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134847	47.801	ng	96
60) Diethylphthalate	10.339	149	565829	49.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	261924	46.771	ng	96
62) 4-Nitroaniline	10.486	138	108071	40.642	ng	90
63) Azobenzene	10.616	77	578594	51.800	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	69094	48.218	ng	95
66) n-Nitrosodiphenylamine	10.574	169	450307	56.730	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	149140	55.432	ng	98
68) Hexachlorobenzene	11.010	284	159165	50.406	ng	99
69) Atrazine	11.098	200	135995	71.966	ng	99
70) Pentachlorophenol	11.204	266	167555	88.433	ng	98
71) Phenanthrene	11.427	178	647752	49.451	ng	99
72) Anthracene	11.474	178	657117	51.309	ng	99
73) Carbazole	11.627	167	557559	45.487	ng	99
74) Di-n-butylphthalate	11.957	149	730042	53.465	ng	100
75) Fluoranthene	12.610	202	545737	39.014	ng	99
77) Benzidine	12.733	184	174635	91.368	ng	99
78) Pyrene	12.839	202	541003	47.229	ng	100
80) Butylbenzylphthalate	13.457	149	212107	54.400	ng	96
81) Benzo(a)anthracene	14.021	228	450193	50.945	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	121190	46.829	ng	99
83) Chrysene	14.062	228	406234	49.967	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	275007	55.444	ng	100
85) Di-n-octyl phthalate	14.621	149	467689	64.026	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	340519	38.821	ng	97
88) Benzo(b)fluoranthene	15.074	252	478487	52.595	ng	99
89) Benzo(k)fluoranthene	15.104	252	381090m	45.432	ng	
90) Benzo(a)pyrene	15.445	252	400991	53.146	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	291951	40.280	ng	98
92) Benzo(g,h,i)perylene	17.421	276	224501	31.283	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

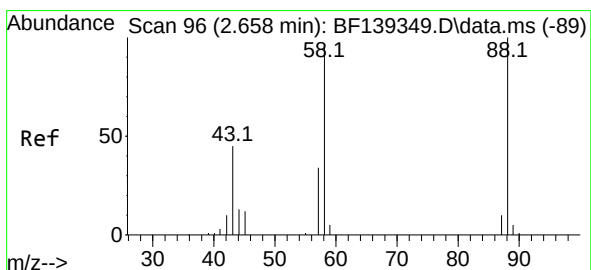
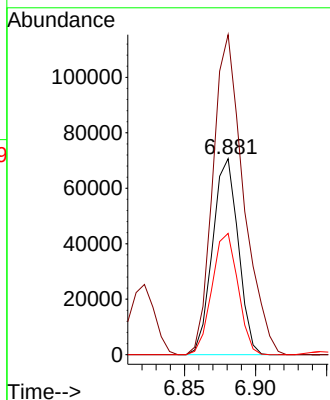
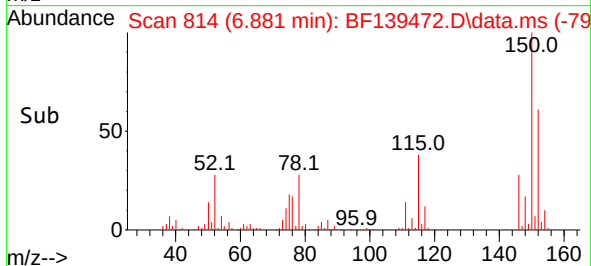
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion:152 Resp: 88950
Ion Ratio Lower Upper
152 100
150 163.3 124.1 186.1
115 61.9 48.1 72.1

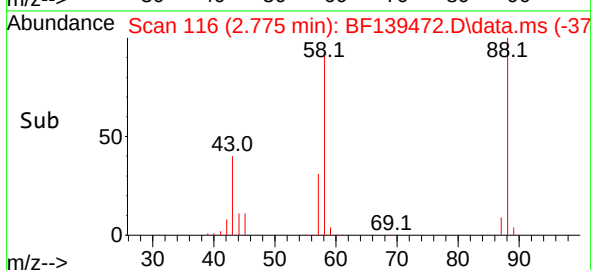
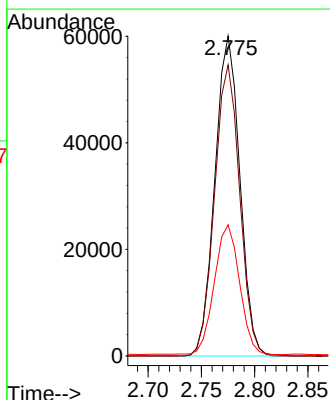
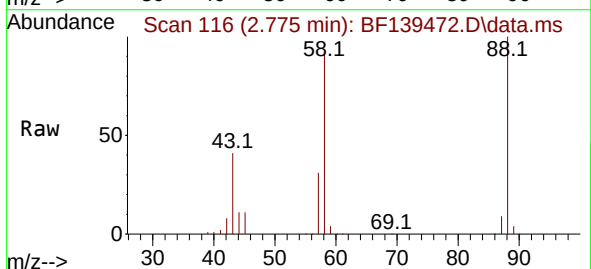
Manual Integrations
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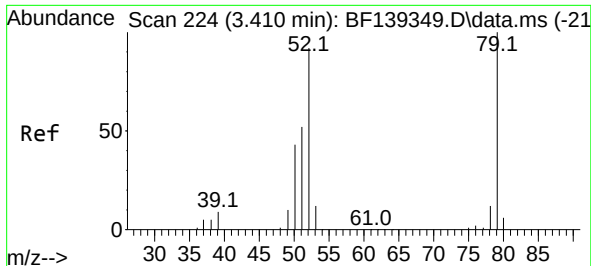
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 44.691 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.117 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion: 88 Resp: 97764
Ion Ratio Lower Upper
88 100
58 91.8 74.8 112.2
43 41.0 36.4 54.6





#3

Pyridine

Concen: 51.224 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

Tgt Ion: 79 Resp: 247060

Ion Ratio Lower Upper

79 100

52 93.4 73.8 110.8

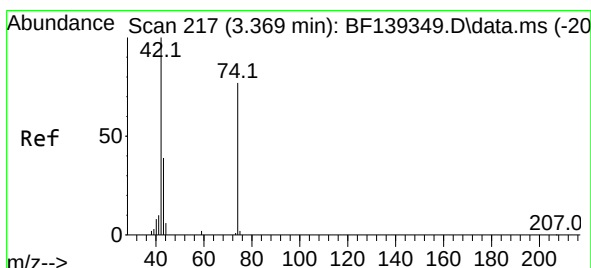
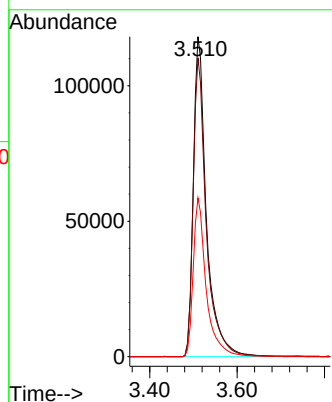
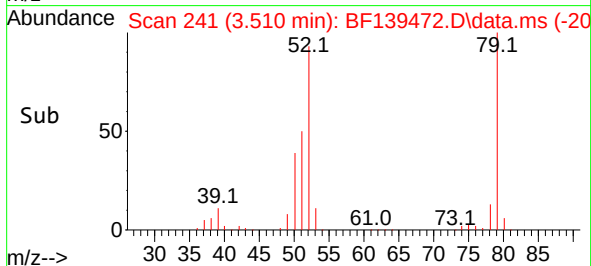
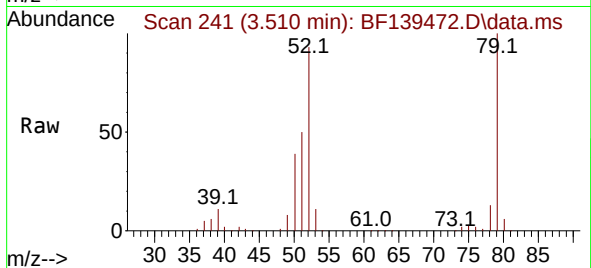
51 49.6 41.8 62.6

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 44.276 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

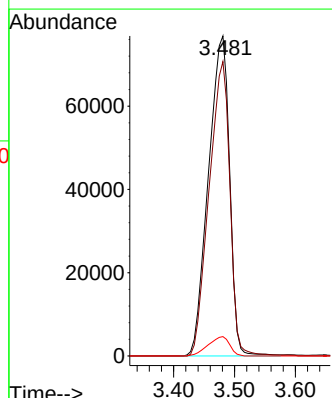
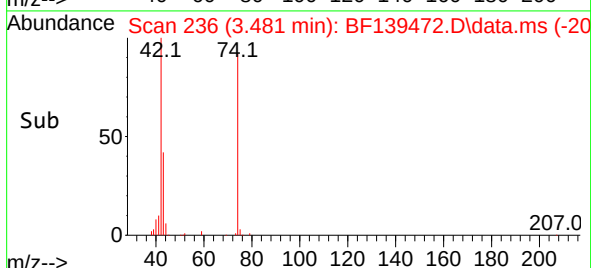
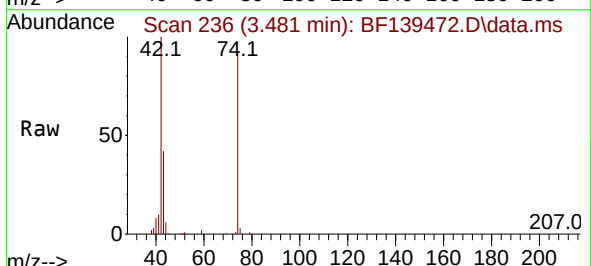
Tgt Ion: 42 Resp: 185093

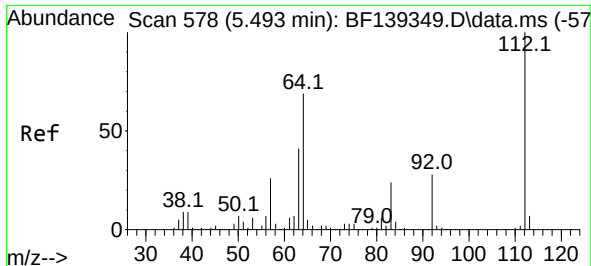
Ion Ratio Lower Upper

42 100

74 92.0 61.8 92.8

44 6.1 4.8 7.2





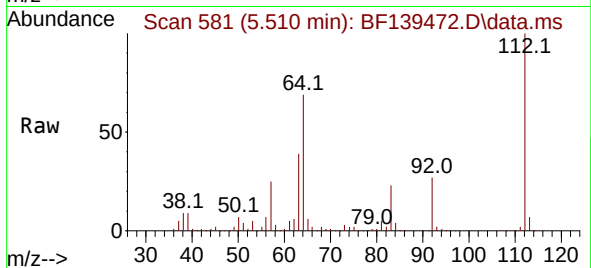
#5
2-Fluorophenol
Concen: 106.950 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

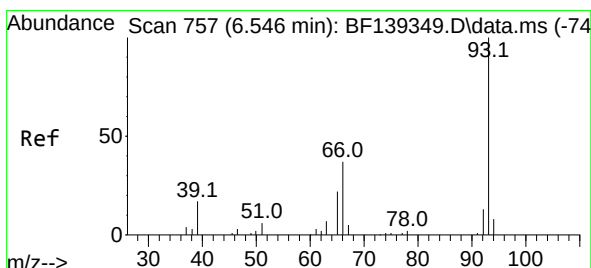
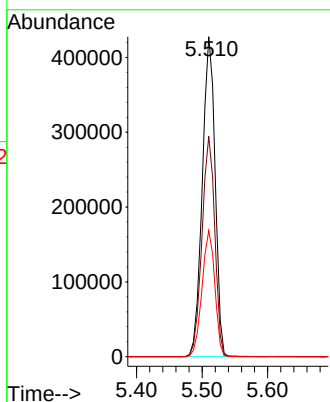
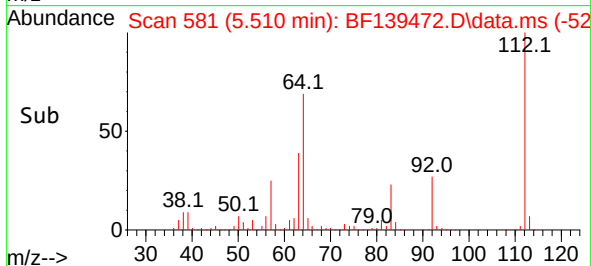


Tgt Ion:112 Resp: 58314
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 39.4 33.0 49.4

Manual Integrations

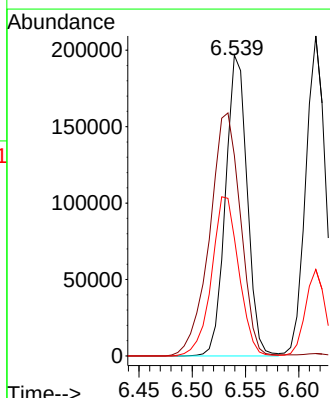
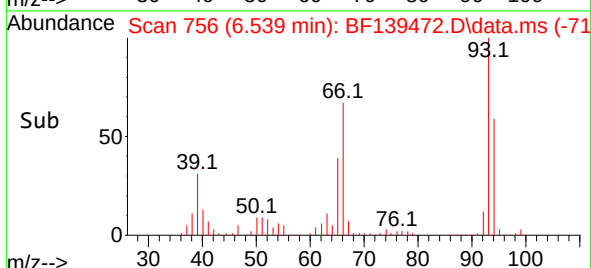
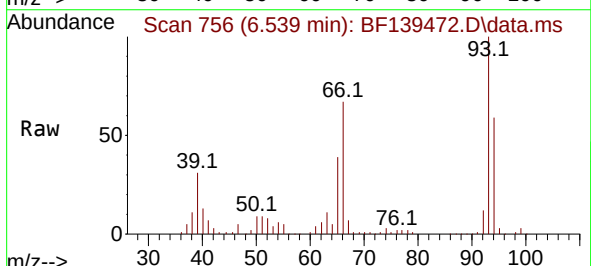
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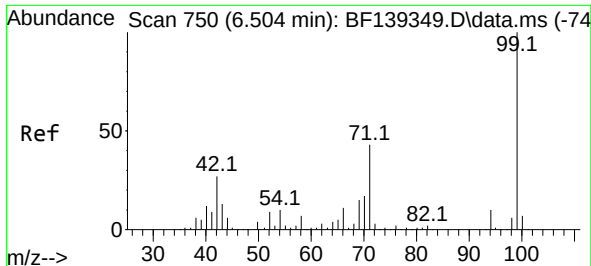
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 51.286 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

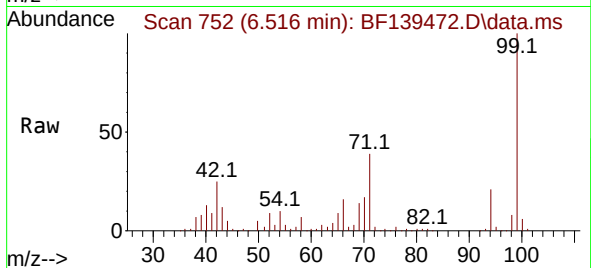
Tgt Ion: 93 Resp: 276996
Ion Ratio Lower Upper
93 100
66 66.7 35.4 53.0#
65 39.2 18.2 27.4#





#7
Phenol-d6
Concen: 107.508 ng
RT: 6.516 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

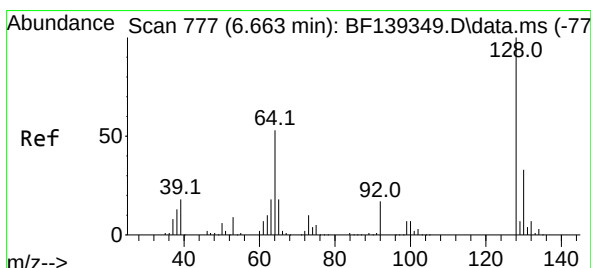
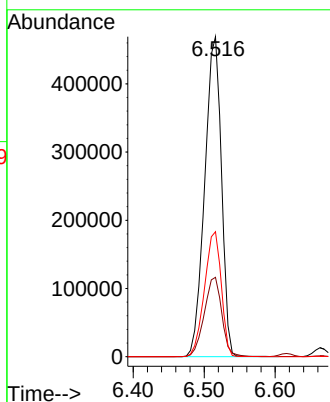
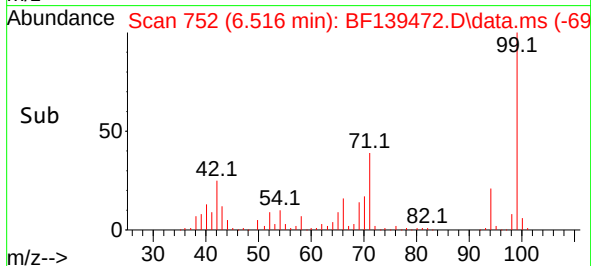
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion: 99 Resp: 769414
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.1 34.6 52.0

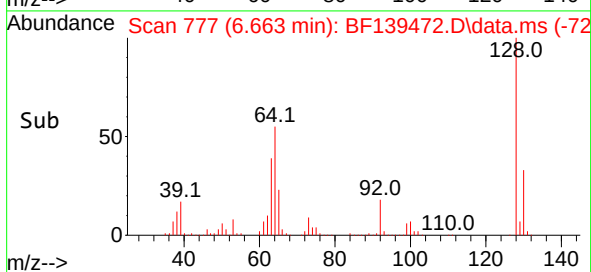
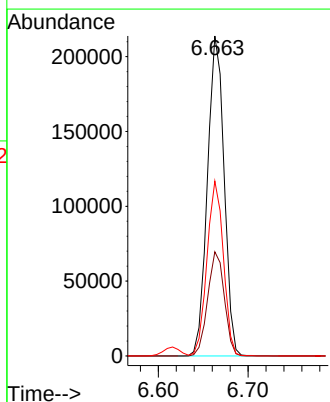
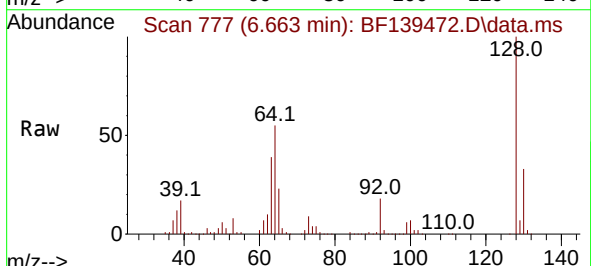
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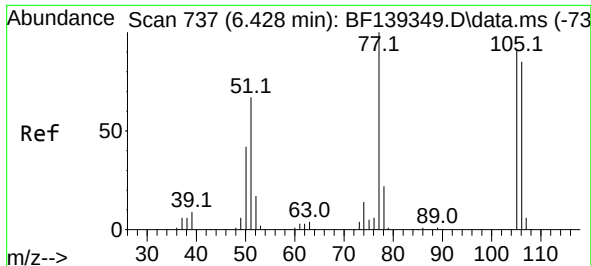
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 49.221 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:128 Resp: 276263
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 54.7 35.1 75.1





#9
Benzaldehyde
Concen: 12.920 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

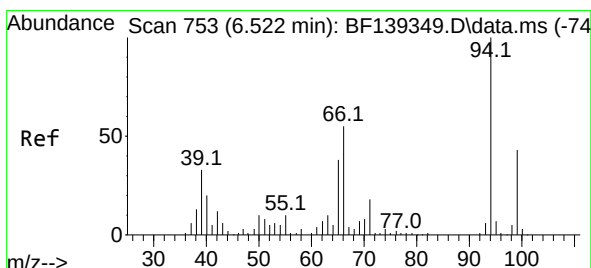
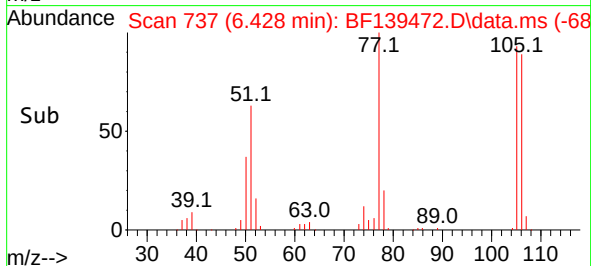
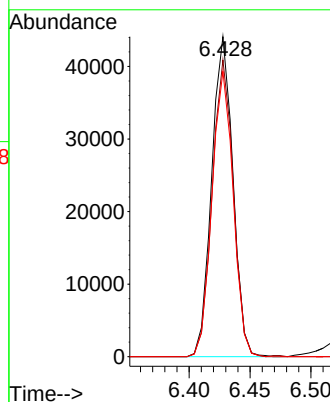
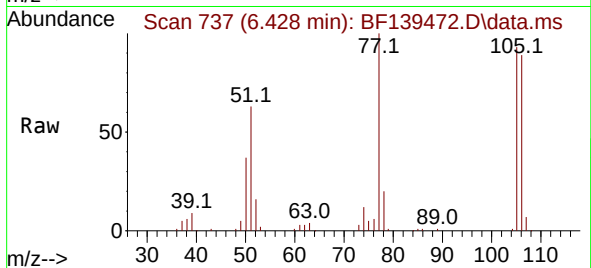
SW-1-TANK17MSD

Tgt Ion: 77 Resp: 5342
Ion Ratio Lower Upper
77 100
105 92.7 71.0 111.0
106 89.2 64.9 104.9

Manual Integrations

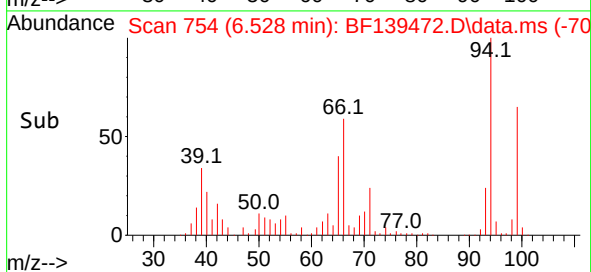
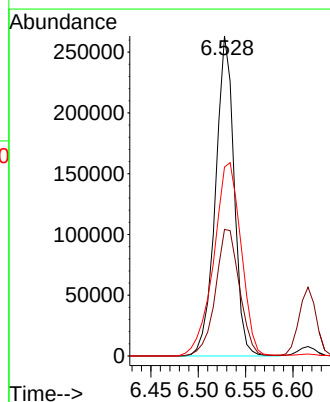
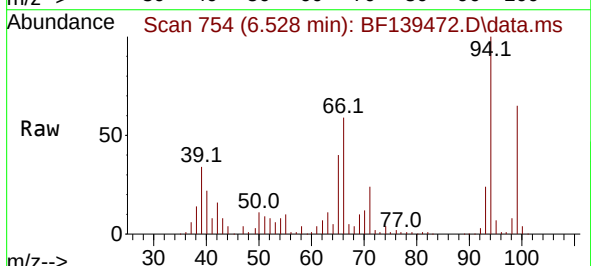
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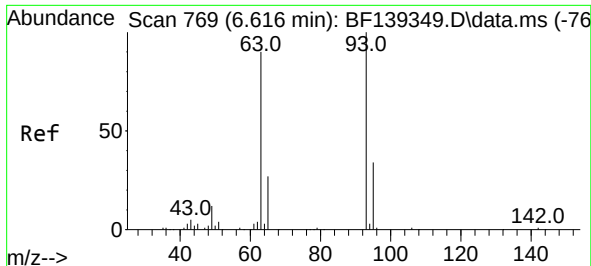
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 49.475 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

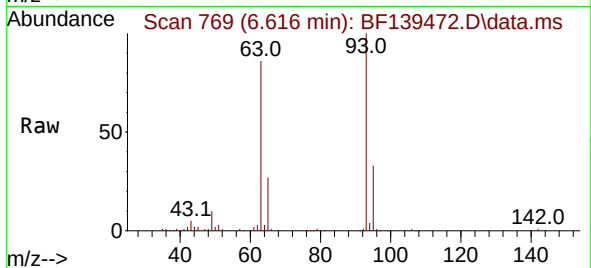
Tgt Ion: 94 Resp: 360631
Ion Ratio Lower Upper
94 100
65 39.5 17.6 57.6
66 59.1 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 47.934 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

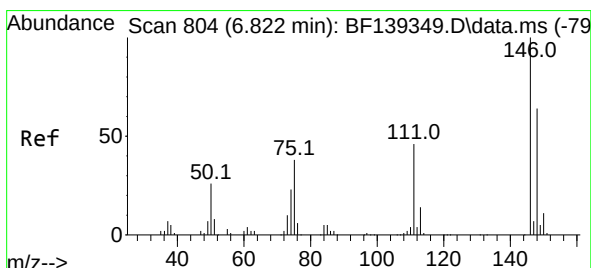
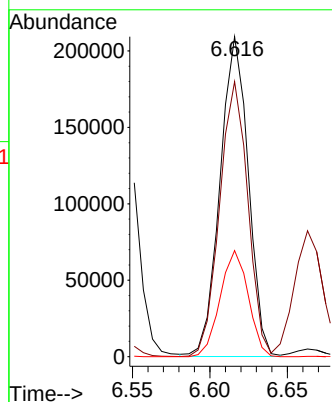
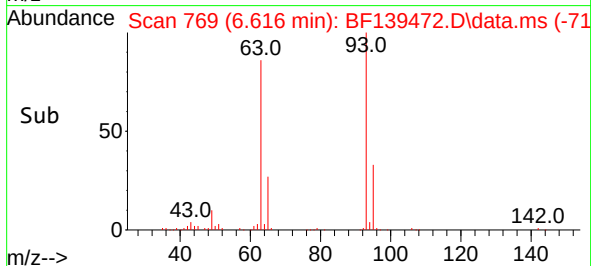
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion: 93 Resp: 26556
Ion Ratio Lower Upper
93 100
63 86.0 65.3 105.3
95 33.2 12.4 52.4

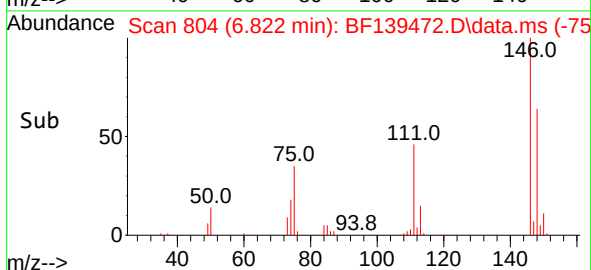
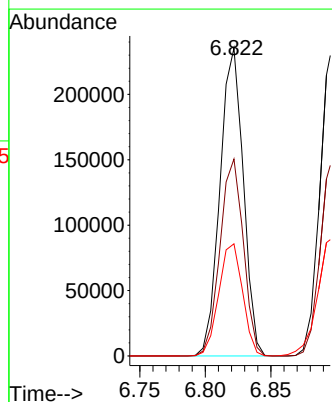
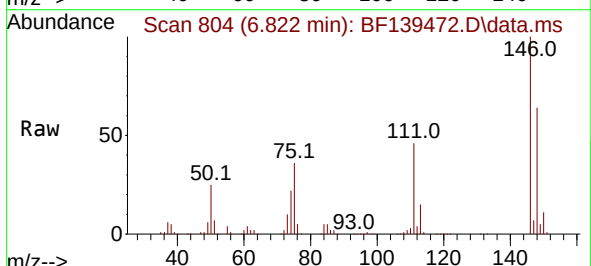
Manual Integrations
APPROVED

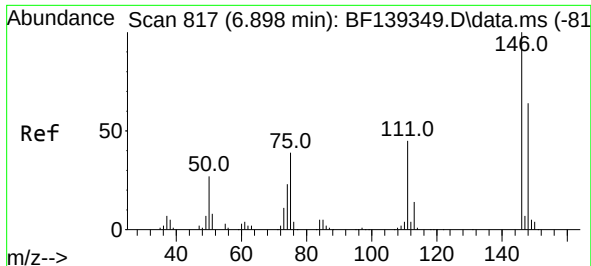
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 45.611 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:146 Resp: 291145
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 36.5 30.6 46.0





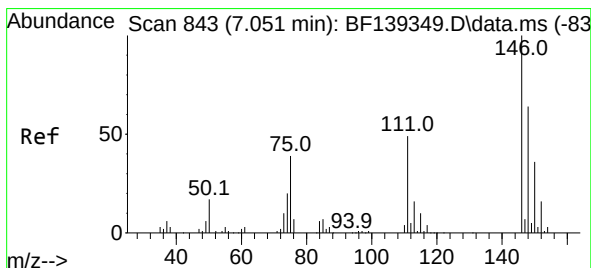
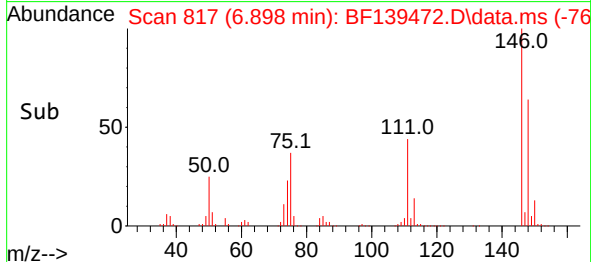
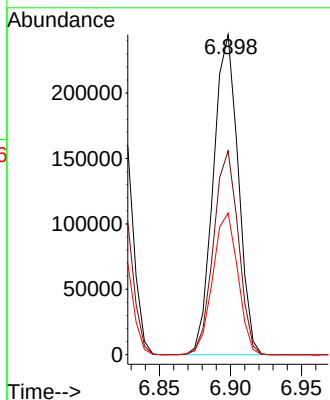
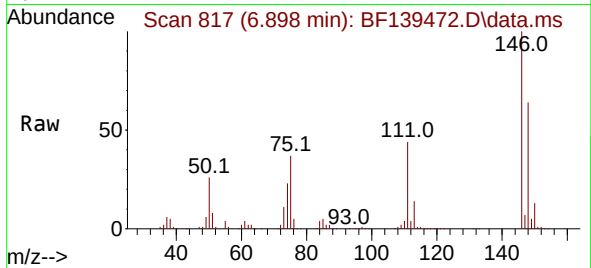
#13
1,4-Dichlorobenzene
Concen: 46.248 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD

Tgt Ion:146 Resp: 29832
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 44.3 36.3 54.5

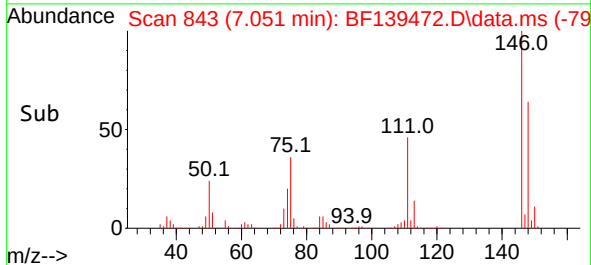
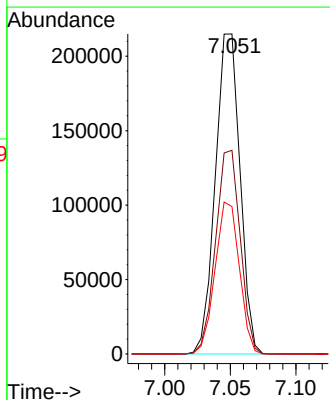
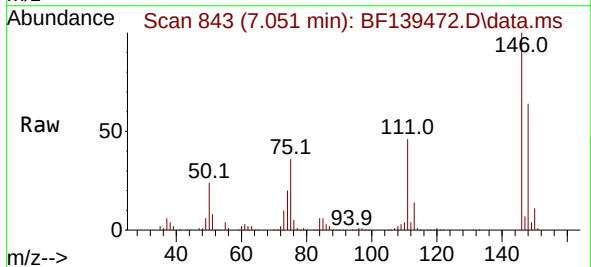
Manual Integrations
APPROVED

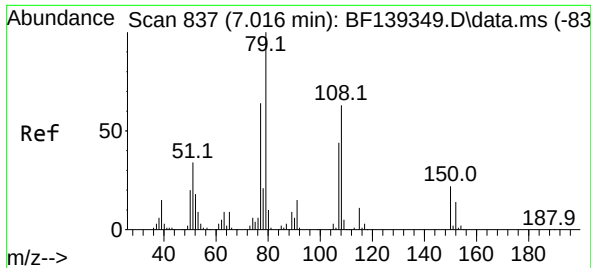
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 46.210 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

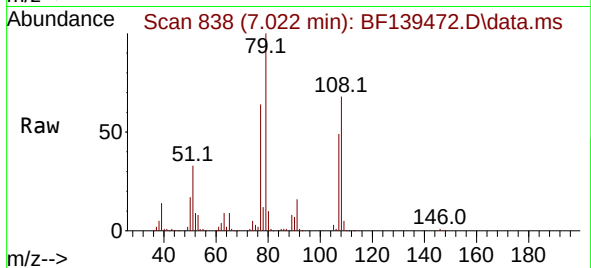
Tgt Ion:146 Resp: 281656
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 46.1 38.9 58.3





#15
Benzyl Alcohol
Concen: 47.764 ng
RT: 7.022 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

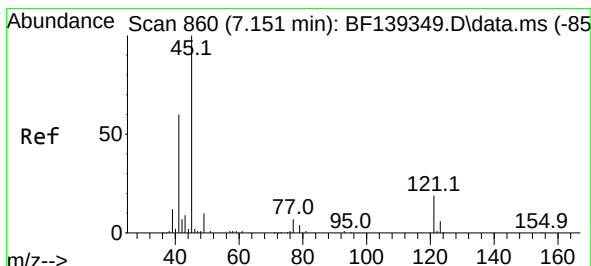
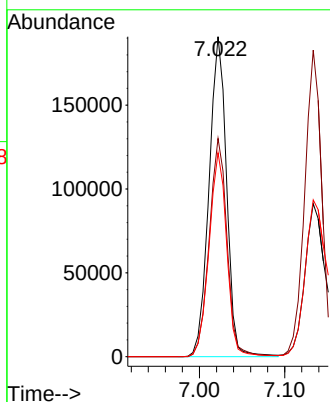
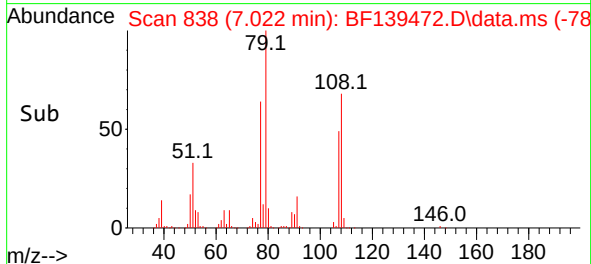
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion: 79 Resp: 272729
Ion Ratio Lower Upper
79 100
108 68.2 50.4 75.6
77 63.8 51.4 77.2

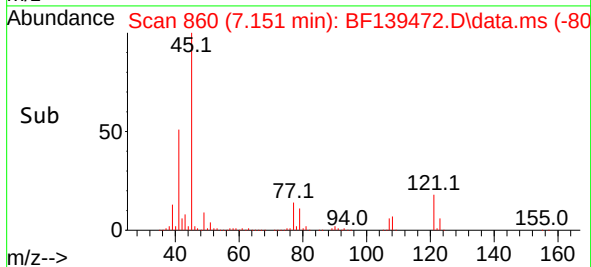
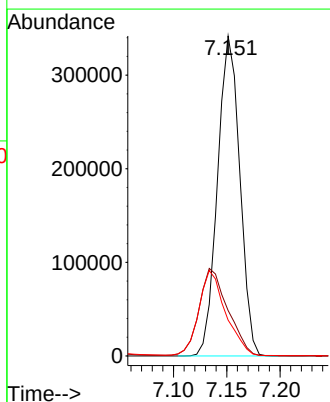
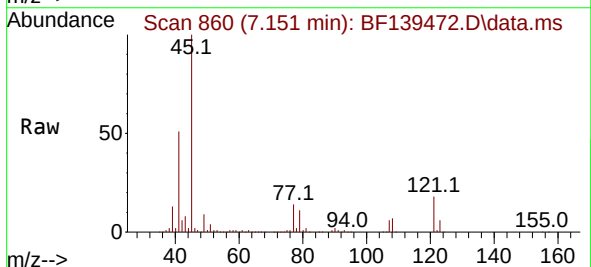
Manual Integrations
APPROVED

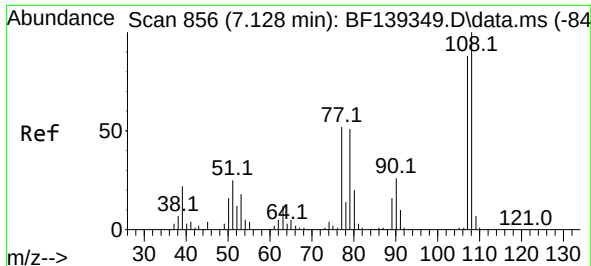
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.116 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion: 45 Resp: 496197
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.0
79 11.2 0.0 29.1





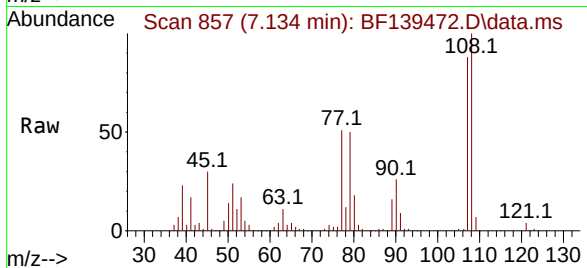
#17
2-Methylphenol
Concen: 49.727 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

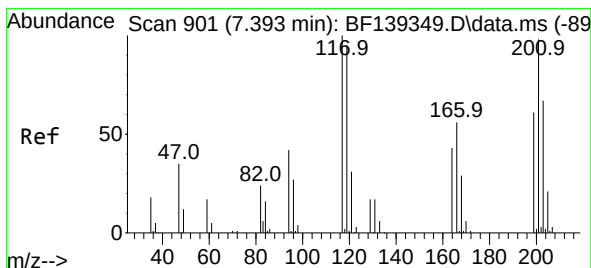
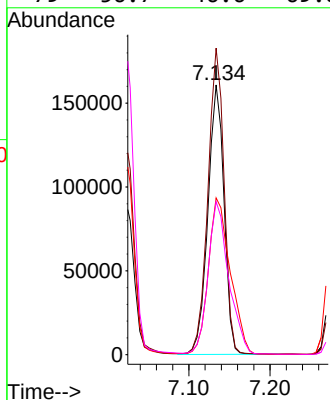
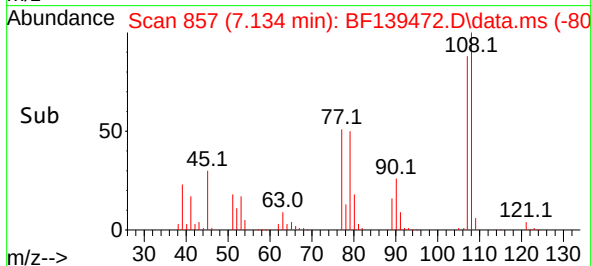


Tgt Ion:107 Resp: 221750
Ion Ratio Lower Upper
107 100
108 113.6 90.5 135.7
77 58.1 47.1 70.7
79 56.7 46.6 69.8

Manual Integrations

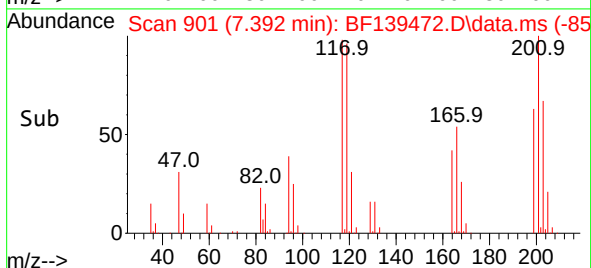
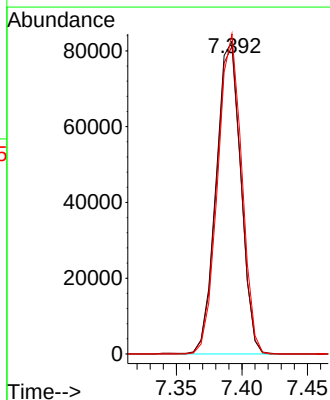
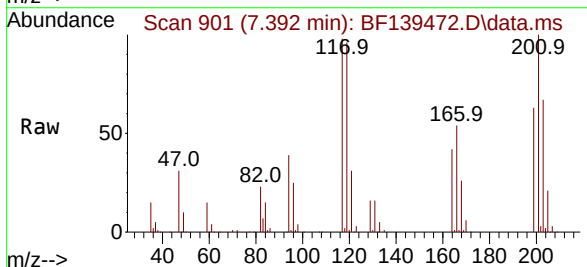
APPROVED

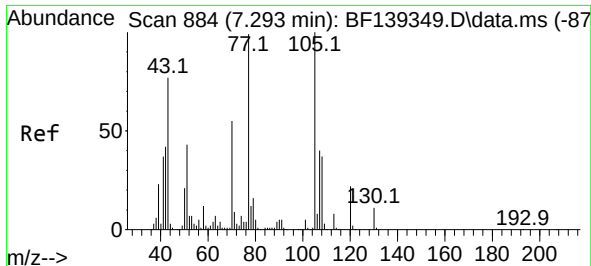
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 43.903 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:117 Resp: 107866
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
201 102.4 78.6 118.0





#19

n-Nitroso-di-n-propylamine

Concen: 51.438 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

Tgt Ion: 70 Resp: 21815

Ion Ratio Lower Upper

70 100

42 75.2 61.2 91.8

101 9.4 7.5 11.3

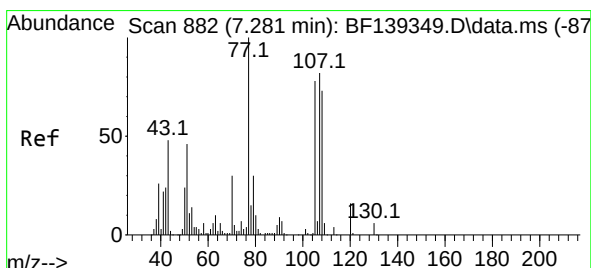
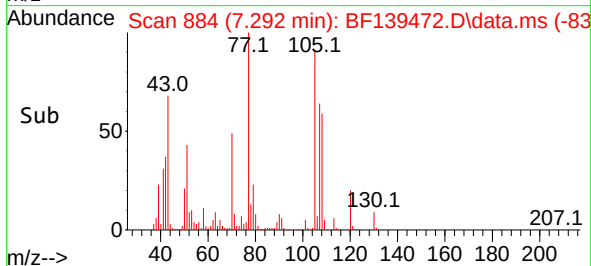
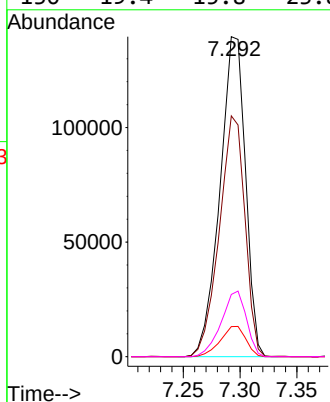
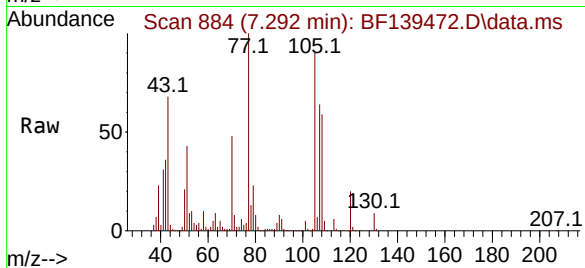
130 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#20

3+4-Methylphenols

Concen: 46.510 ng

RT: 7.286 min Scan# 883

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:107 Resp: 282966

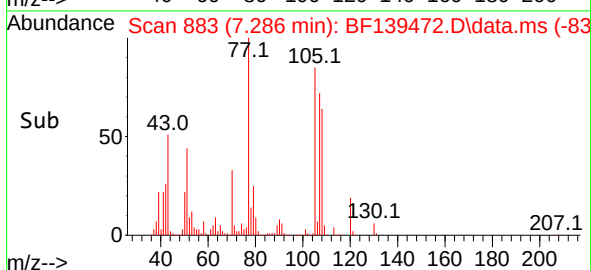
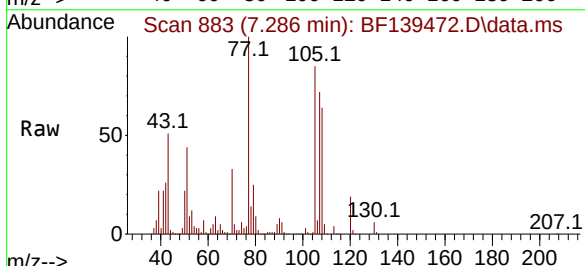
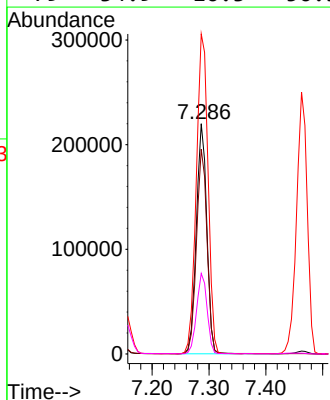
Ion Ratio Lower Upper

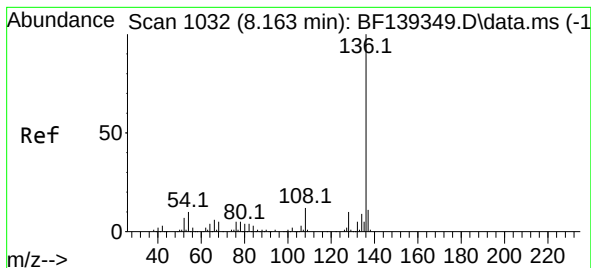
107 100

108 89.0 68.6 108.6

77 139.0 101.6 141.6

79 34.9 16.3 56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

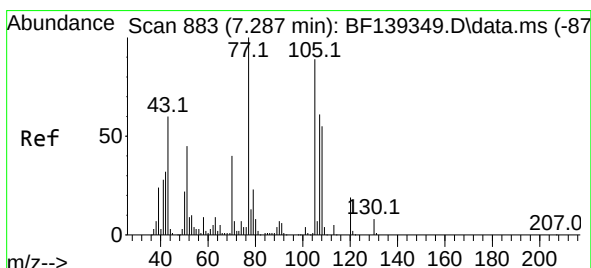
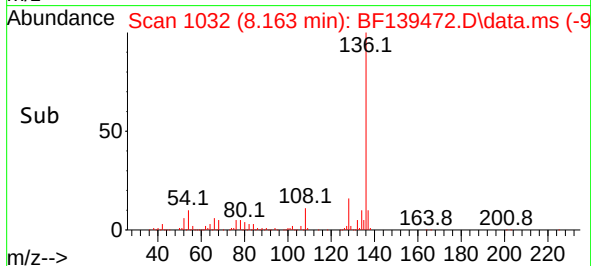
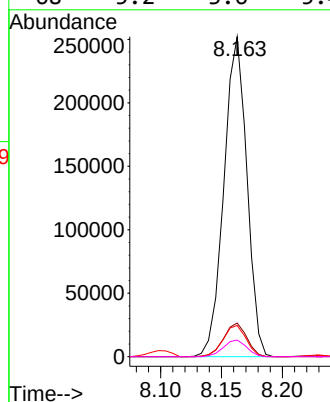
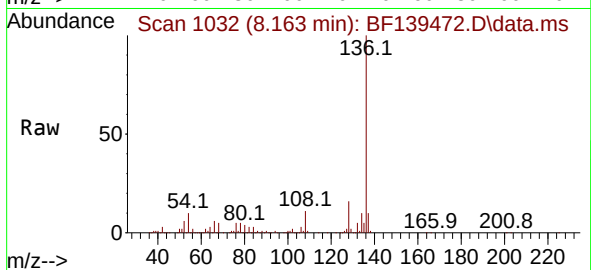
Tgt Ion:	136	Resp:	33065
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	9.7	7.8	11.8
68	5.2	3.6	5.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#22

Acetophenone

Concen: 45.356 ng

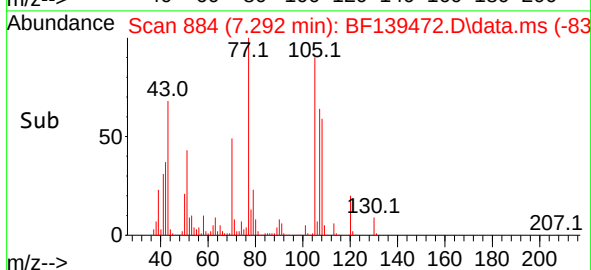
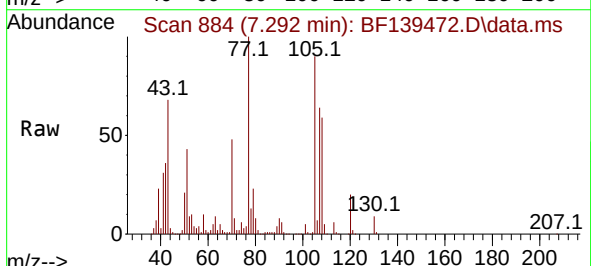
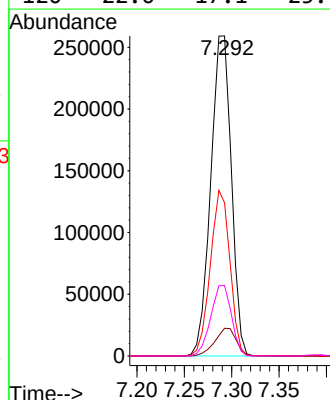
RT: 7.292 min Scan# 884

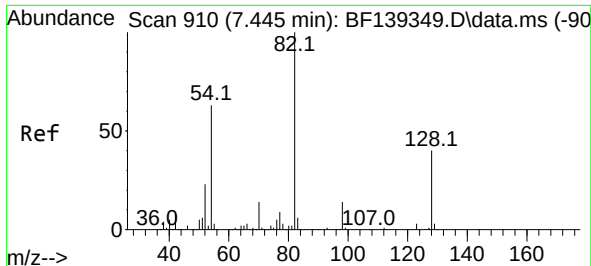
Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:	105	Resp:	392064
Ion Ratio	Lower	Upper	
105	100		
71	8.7	5.9	8.9
51	47.9	40.0	60.0
120	22.0	17.1	25.7





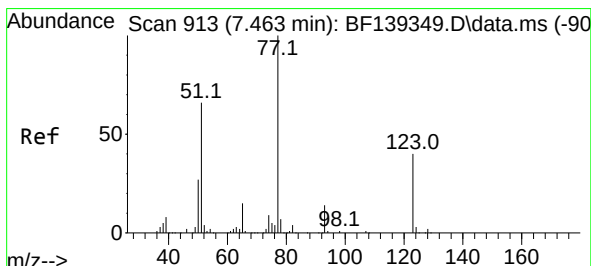
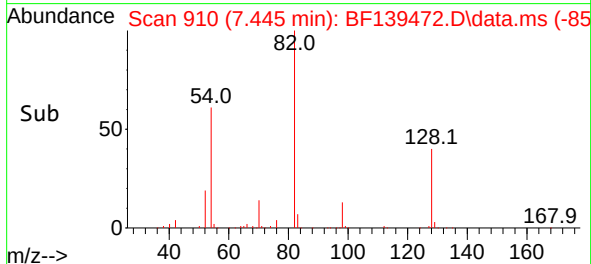
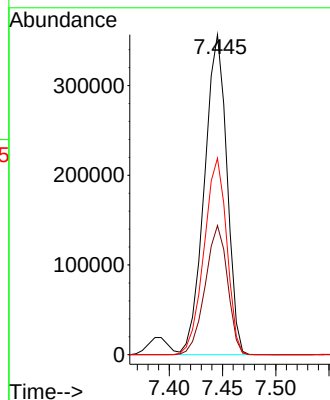
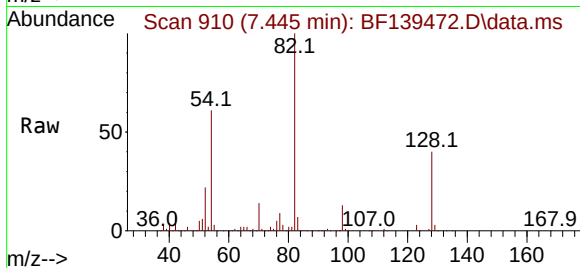
#23
Nitrobenzene-d5
Concen: 74.429 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD

Tgt Ion: 82 Resp: 52349
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 61.4 50.6 75.8

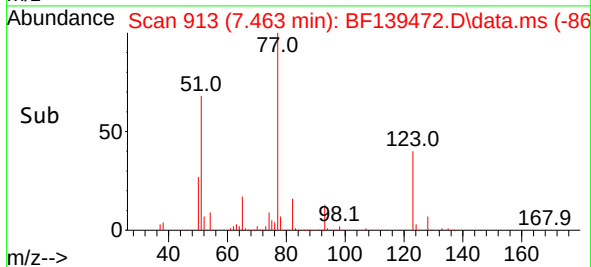
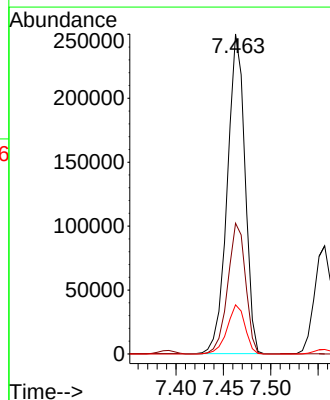
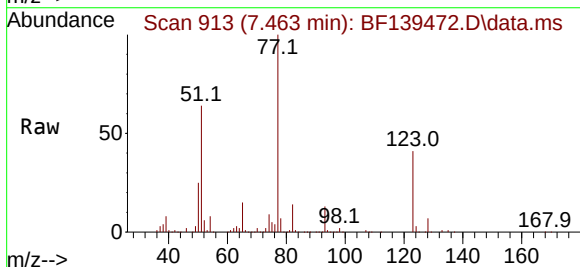
Manual Integrations
APPROVED

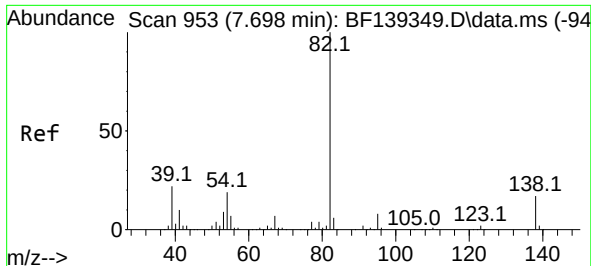
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 44.972 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

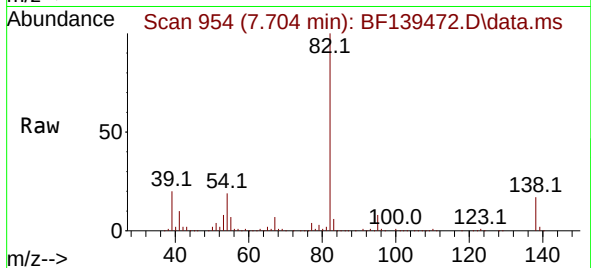
Tgt Ion: 77 Resp: 325546
Ion Ratio Lower Upper
77 100
123 40.8 32.2 48.4
65 15.4 12.2 18.4





#25
Isophorone
Concen: 51.310 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

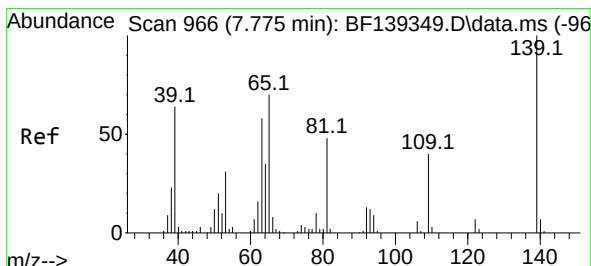
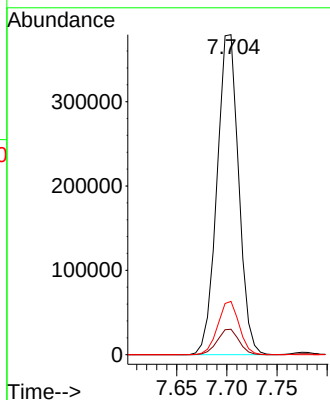
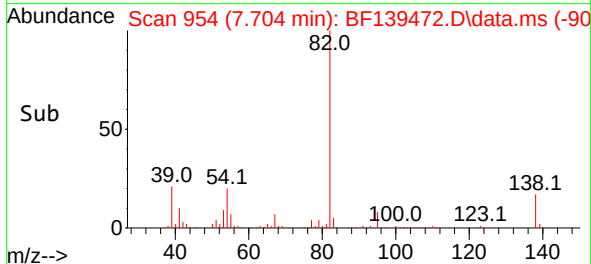
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion: 82 Resp: 570740
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.7 13.3 19.9

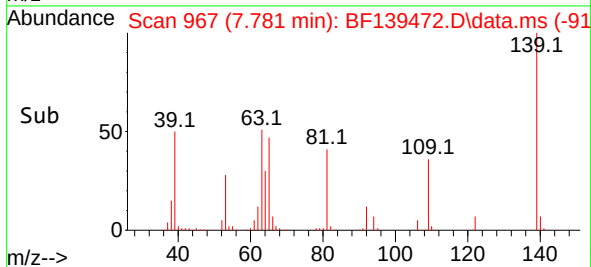
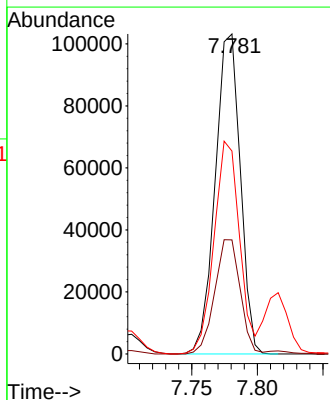
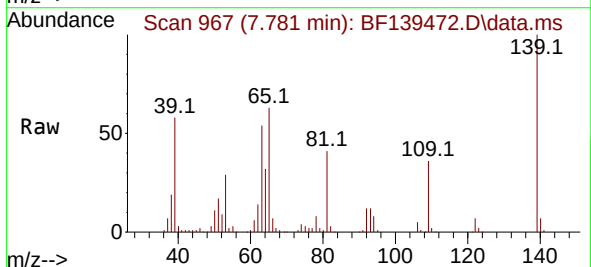
Manual Integrations
APPROVED

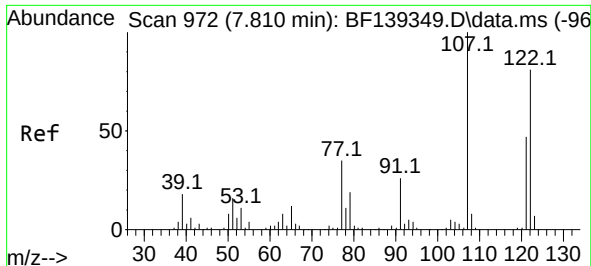
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 48.680 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:139 Resp: 137289
Ion Ratio Lower Upper
139 100
109 35.7 32.2 48.2
65 63.4 55.8 83.8





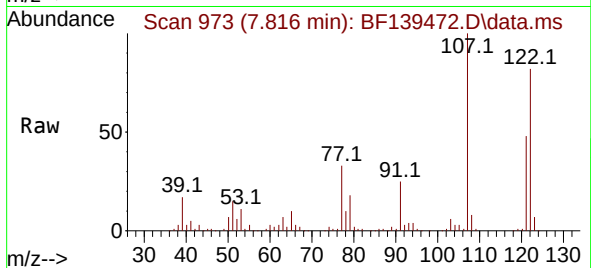
#27
2,4-Dimethylphenol
Concen: 59.631 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



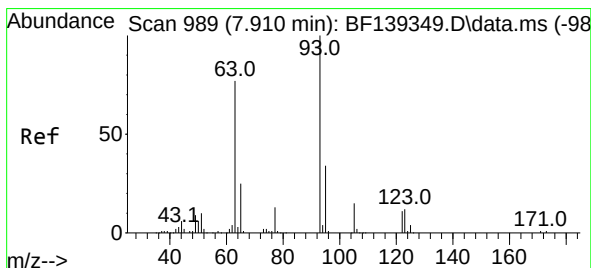
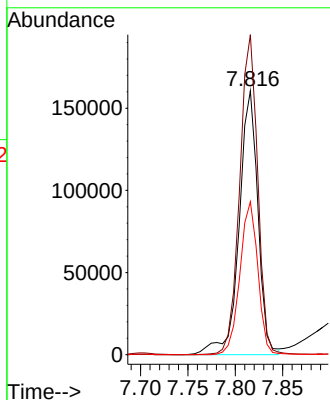
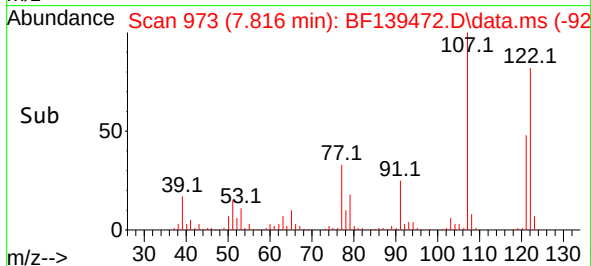
Tgt Ion:122 Resp: 22183
Ion Ratio Lower Upper
122 100
107 121.3 99.1 148.7
121 58.0 46.6 70.0

Manual Integrations

APPROVED

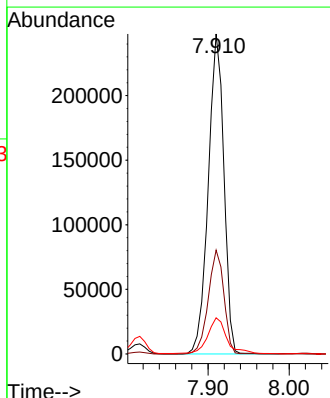
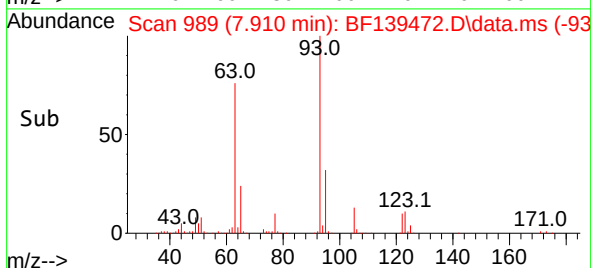
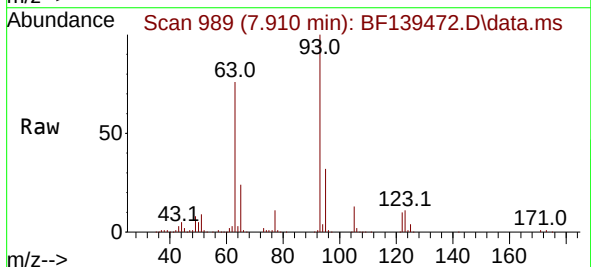
Reviewed By :Yogesh Patel 09/21/2024

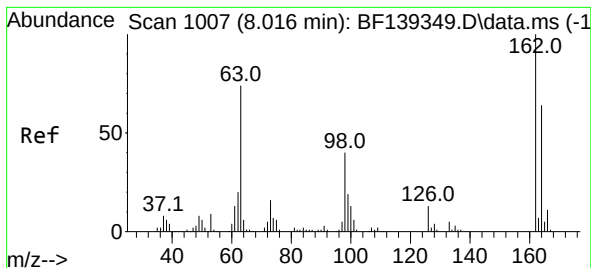
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.135 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion: 93 Resp: 330510
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 11.3 10.0 15.0





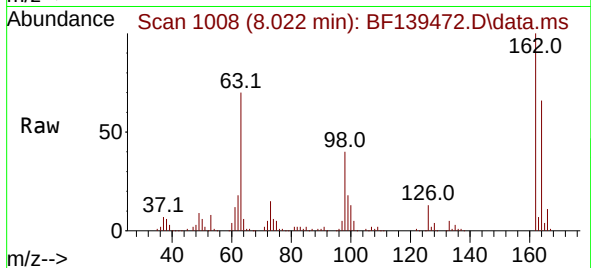
#29
2,4-Dichlorophenol
Concen: 48.019 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



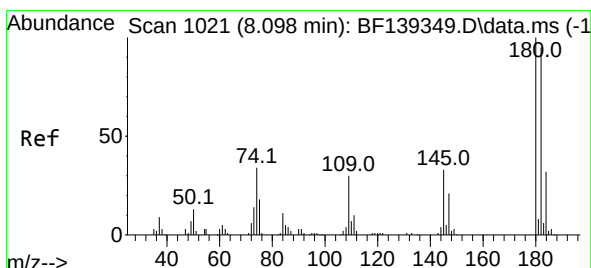
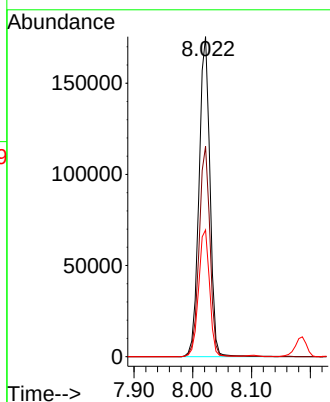
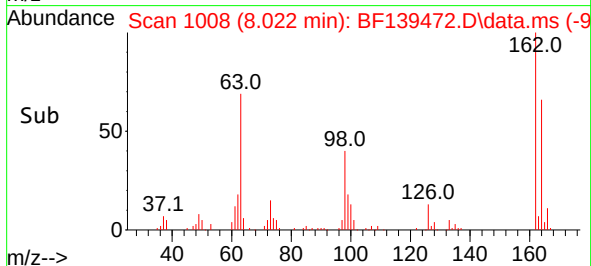
Tgt Ion:162 Resp: 226939
Ion Ratio Lower Upper
162 100
164 65.7 43.6 83.6
98 39.6 19.7 59.7

Manual Integrations

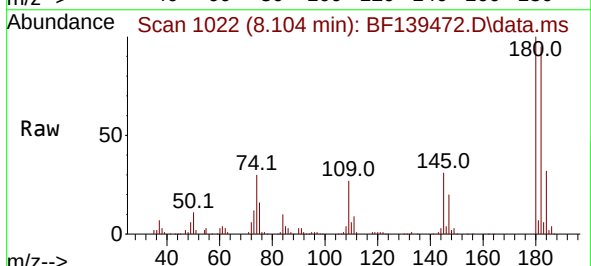
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

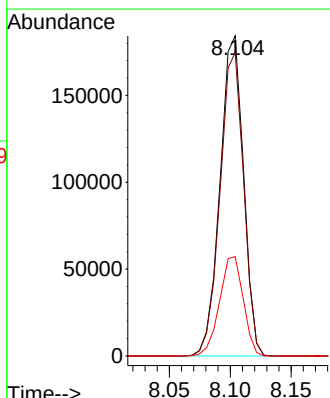
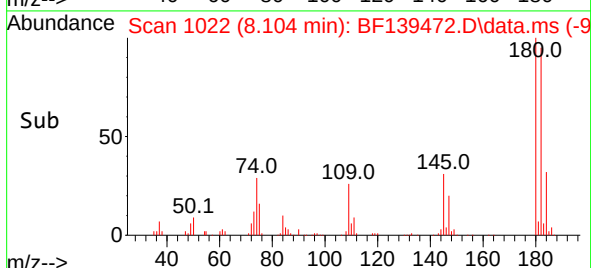
Supervised By :mohammad ahmed 09/22/2024

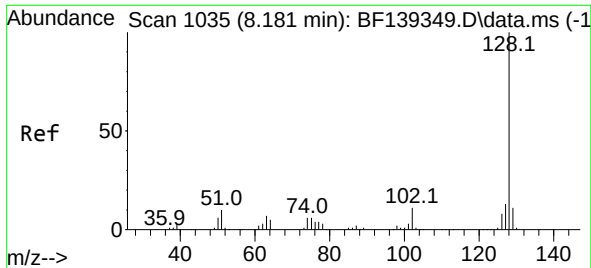


#30
1,2,4-Trichlorobenzene
Concen: 44.954 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:180 Resp: 247541
Ion Ratio Lower Upper
180 100
182 94.8 75.7 113.5
145 31.1 26.5 39.7





#31
Naphthalene
Concen: 46.809 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

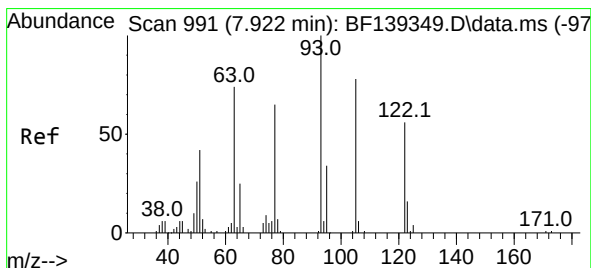
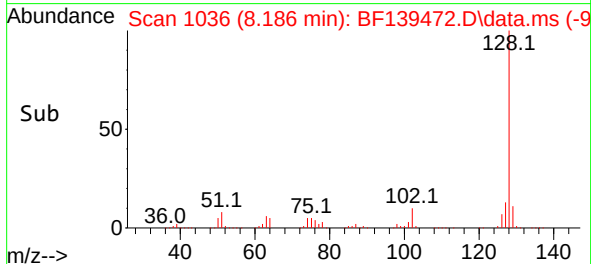
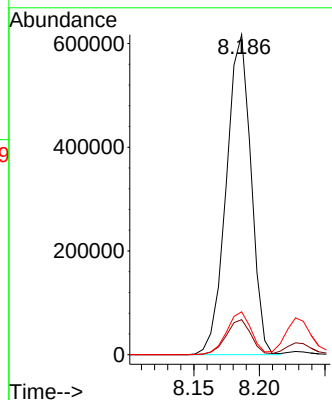
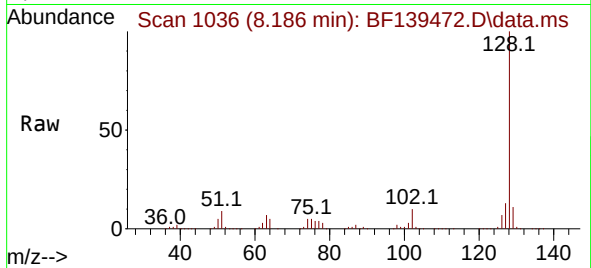
SW-1-TANK17MSD

Tgt Ion:128 Resp: 808020
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.6 16.0

Manual Integrations

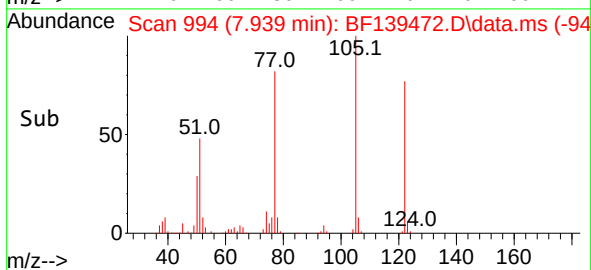
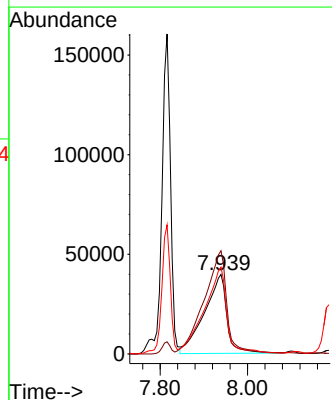
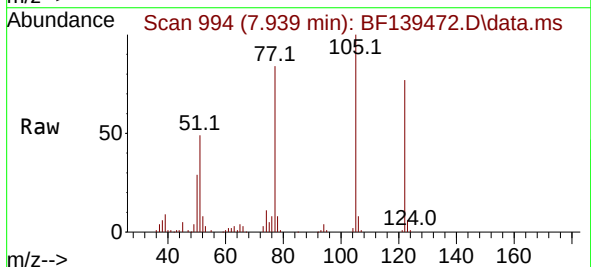
APPROVED

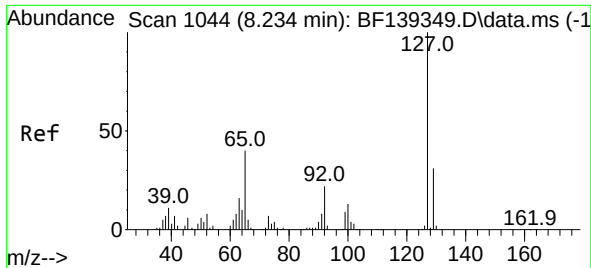
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 40.582 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:122 Resp: 141283
Ion Ratio Lower Upper
122 100
105 129.8 117.1 157.1
77 109.4 95.4 135.4





#33
4-Chloroaniline
Concen: 20.649 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

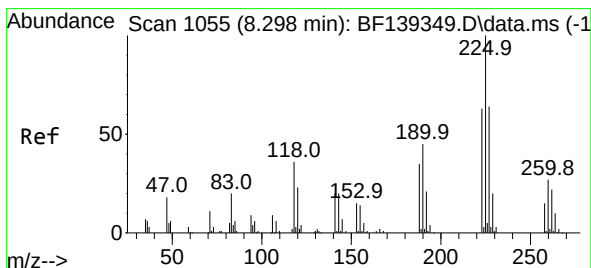
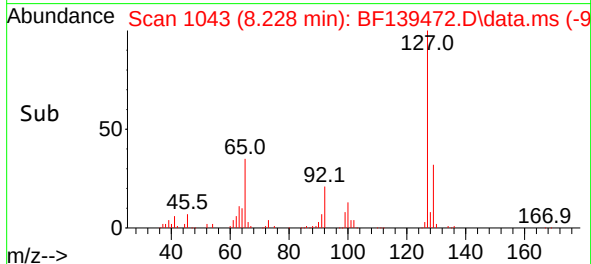
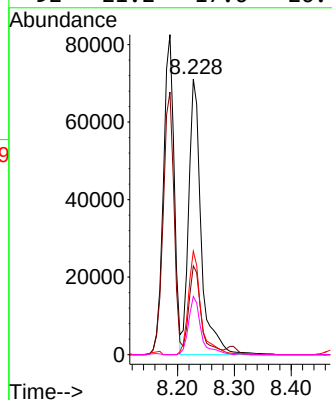
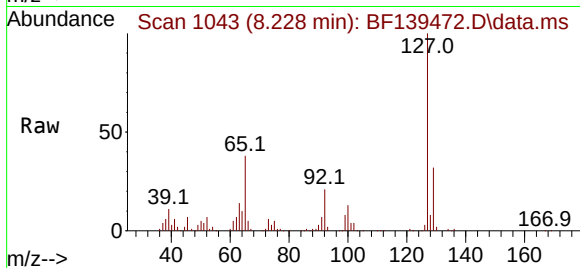
SW-1-TANK17MSD

Tgt Ion:127 Resp: 109040
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 37.6 31.5 47.3
92 21.2 17.6 26.4

Manual Integrations

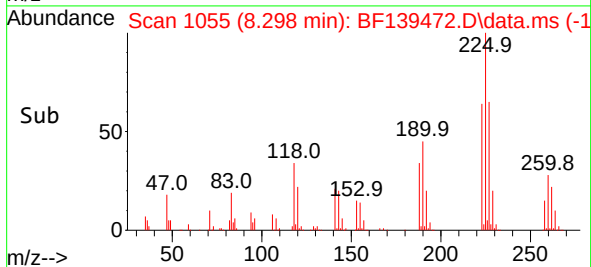
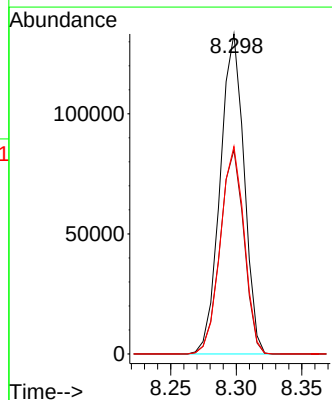
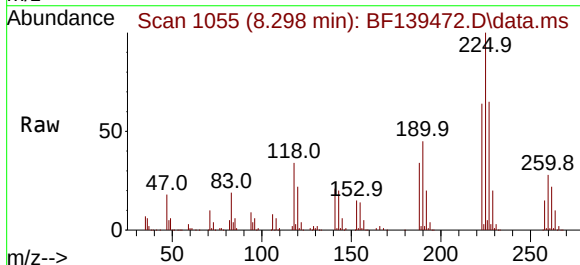
APPROVED

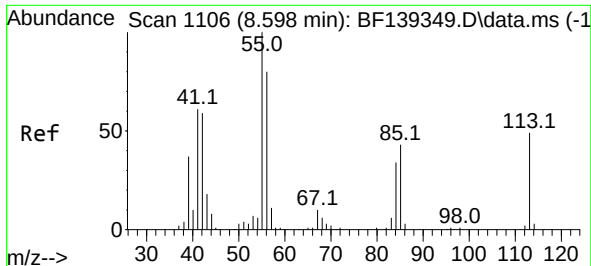
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 45.067 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:225 Resp: 168599
Ion Ratio Lower Upper
225 100
223 63.7 50.1 75.1
227 64.8 51.0 76.6





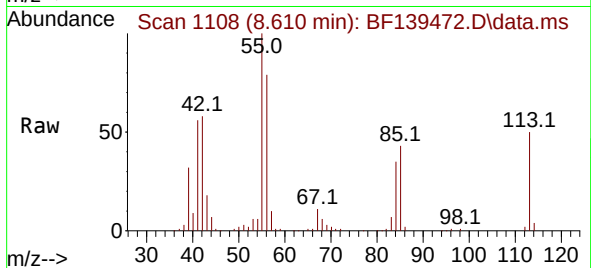
#35
 Caprolactam
 Concen: 46.514 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



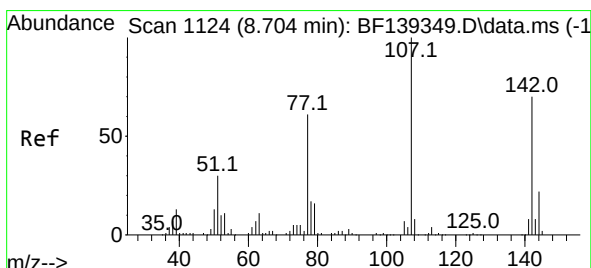
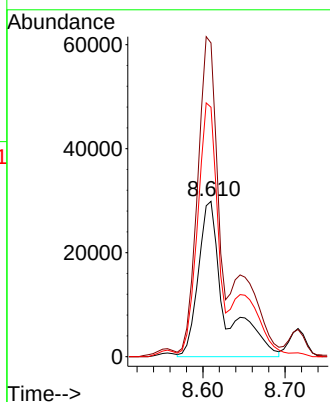
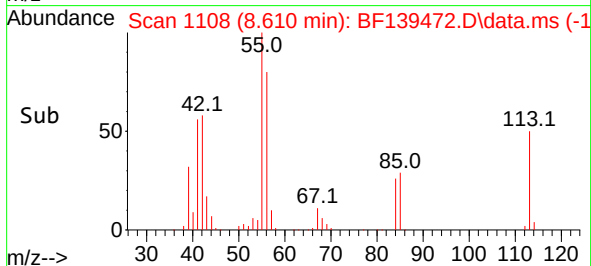
Tgt Ion:113 Resp: 6762
 Ion Ratio Lower Upper
 113 100
 55 201.9 186.1 226.1
 56 160.5 144.9 184.9

Manual Integrations

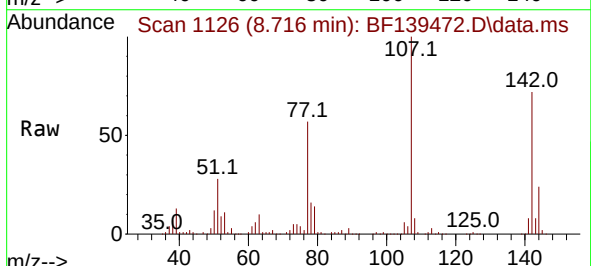
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

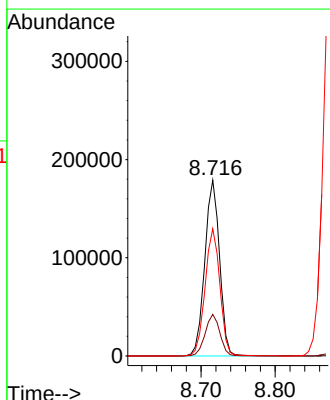
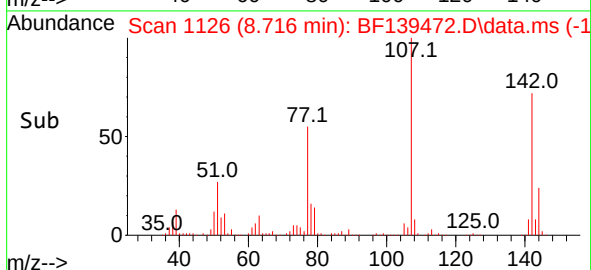
Supervised By :mohammad ahmed 09/22/2024

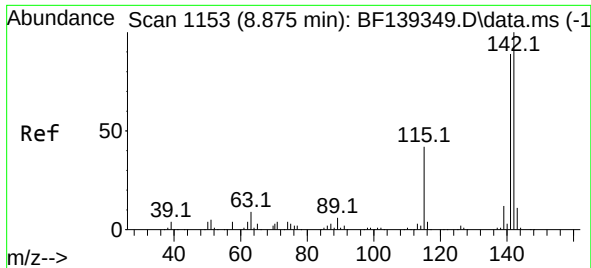


#36
 4-Chloro-3-methylphenol
 Concen: 46.003 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20



Tgt Ion:107 Resp: 248470
 Ion Ratio Lower Upper
 107 100
 144 23.6 17.5 26.3
 142 72.3 55.8 83.8





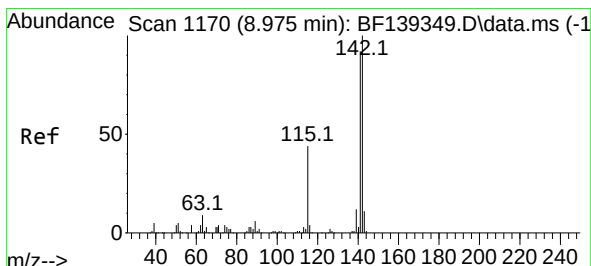
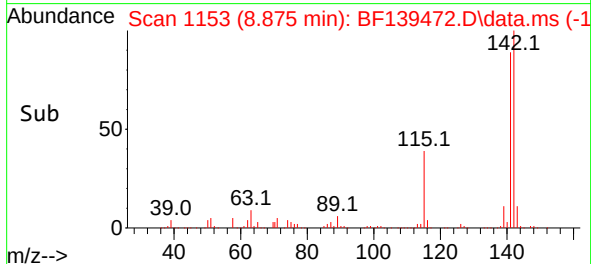
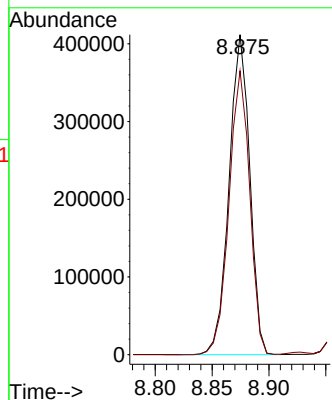
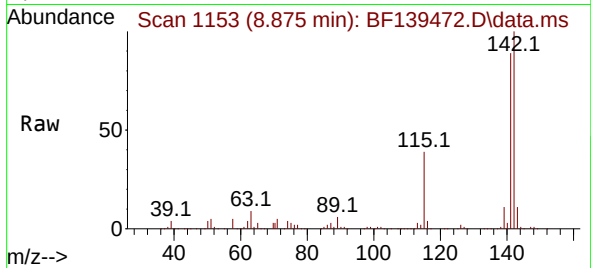
#37
2-Methylnaphthalene
Concen: 47.534 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD

Tgt Ion:142 Resp: 52081
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4

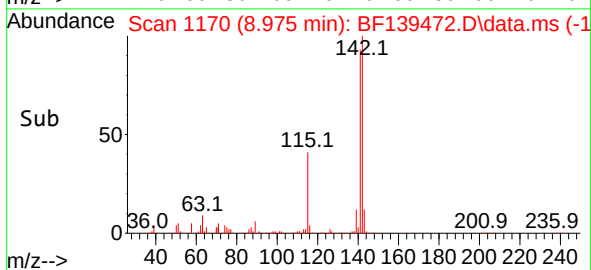
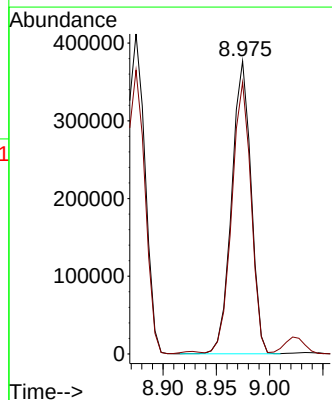
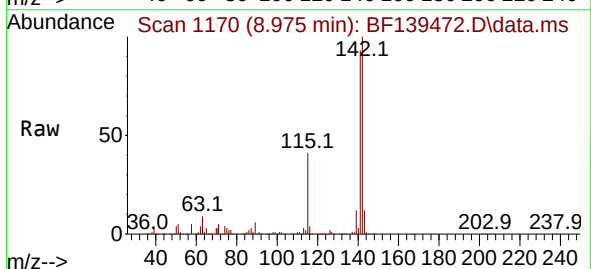
Manual Integrations
APPROVED

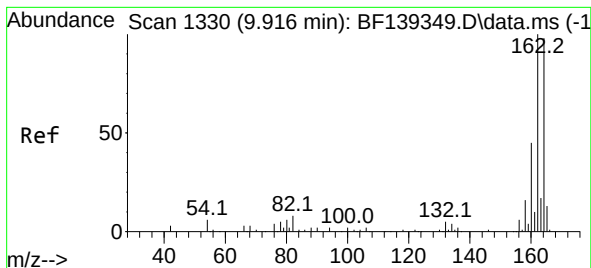
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 44.375 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:142 Resp: 477336
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF139472.D

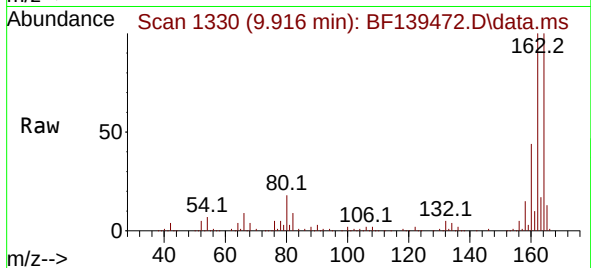
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



Tgt Ion:164 Resp: 167669

Ion Ratio Lower Upper

164 100

162 99.7 81.3 121.9

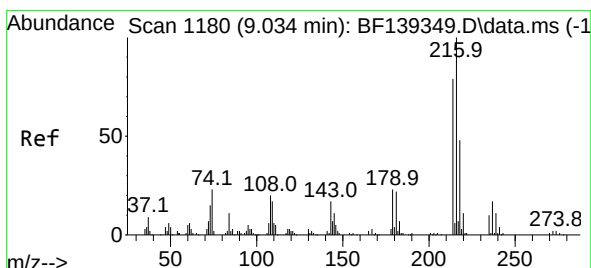
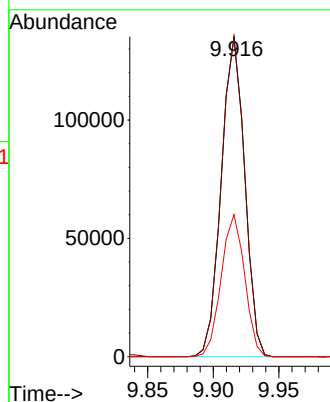
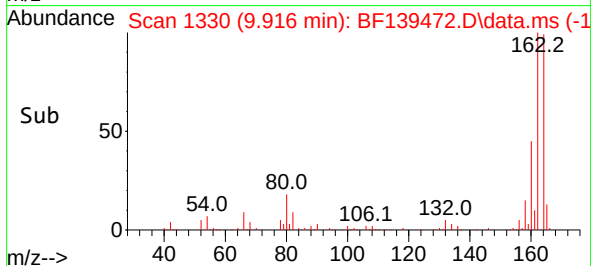
160 44.4 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.648 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:216 Resp: 251679

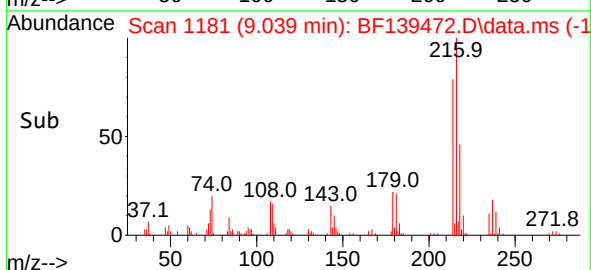
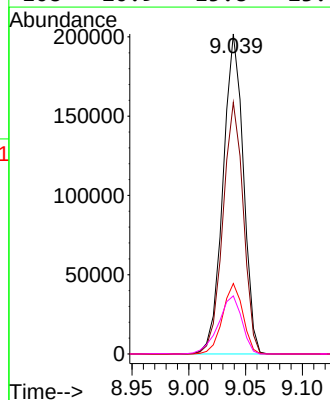
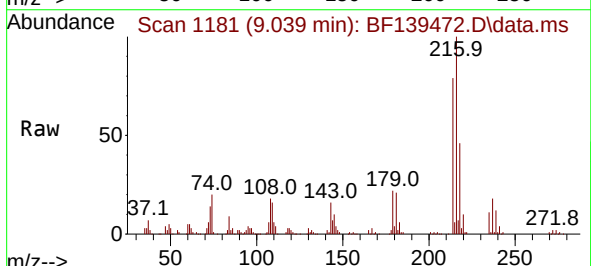
Ion Ratio Lower Upper

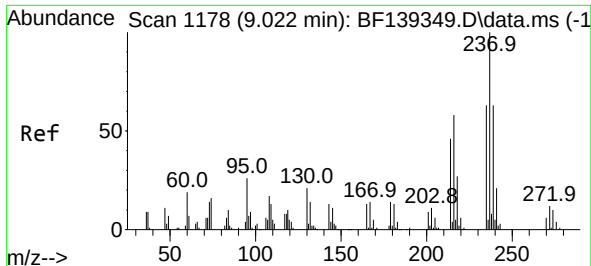
216 100

214 78.4 63.4 95.0

179 21.9 18.2 27.2

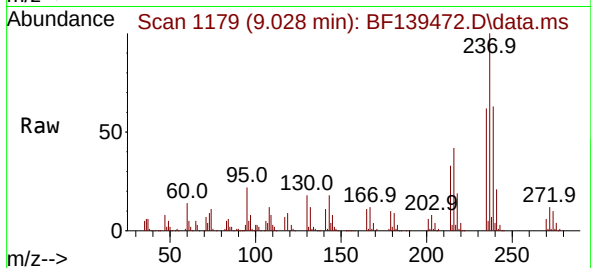
108 20.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 138.341 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

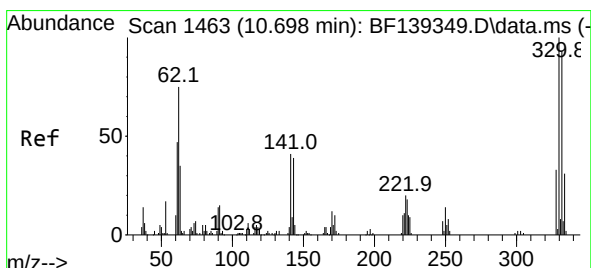
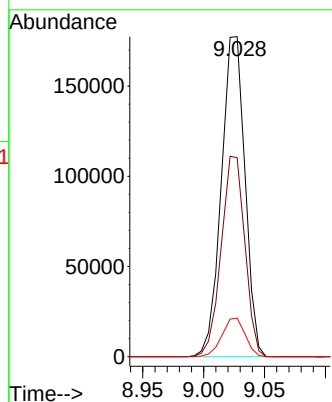
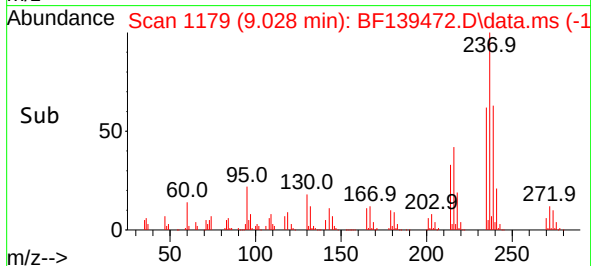
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



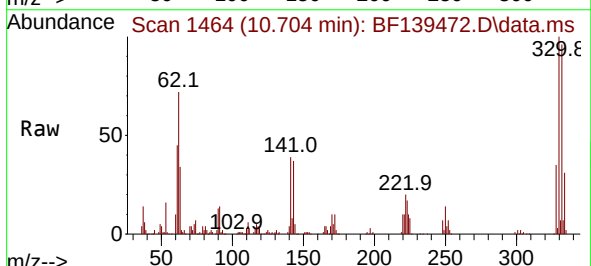
Tgt Ion:237 Resp: 240020
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 12.1 0.0 32.5

Manual Integrations
APPROVED

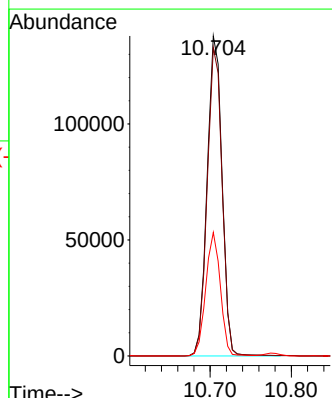
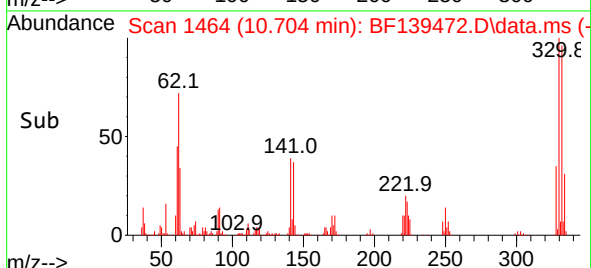
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

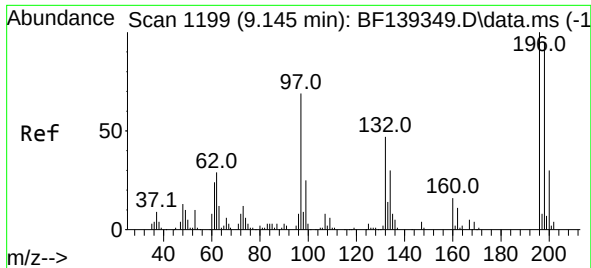


#42
2,4,6-Tribromophenol
Concen: 98.150 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:330 Resp: 175202
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 38.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 50.459 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

Tgt Ion:196 Resp: 163129

Ion Ratio Lower Upper

196 100

198 96.5 75.8 113.6

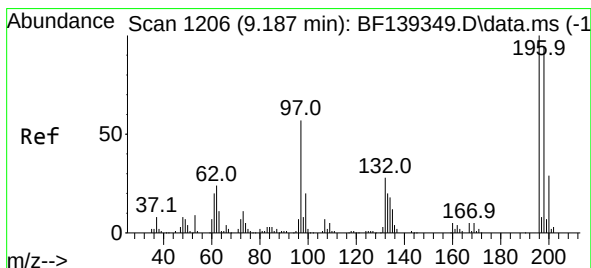
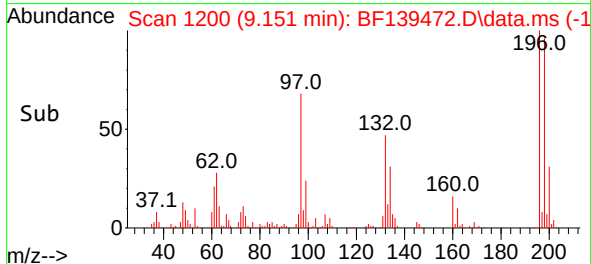
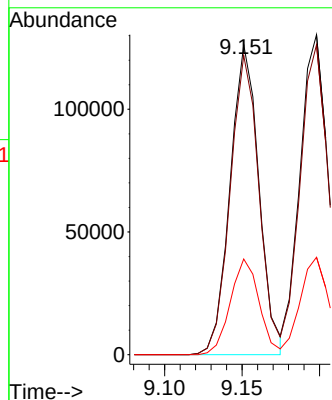
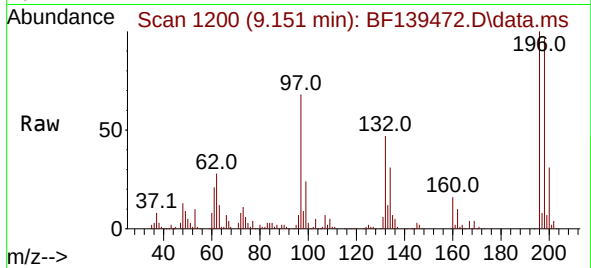
200 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 48.668 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:196 Resp: 165967

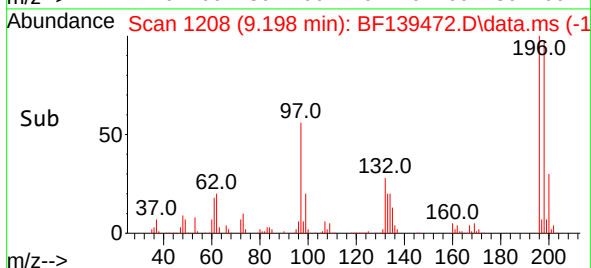
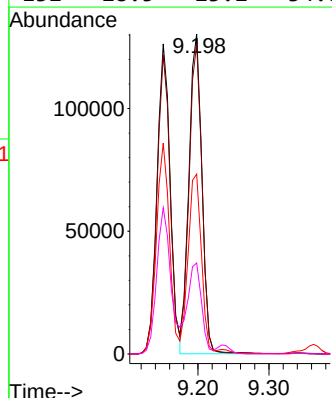
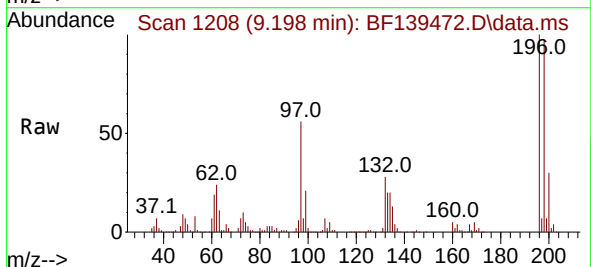
Ion Ratio Lower Upper

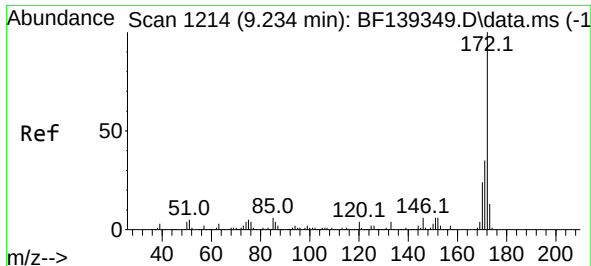
196 100

198 96.8 74.8 112.2

97 56.2 47.3 70.9

132 28.5 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 77.787 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

Tgt Ion:172 Resp: 92993

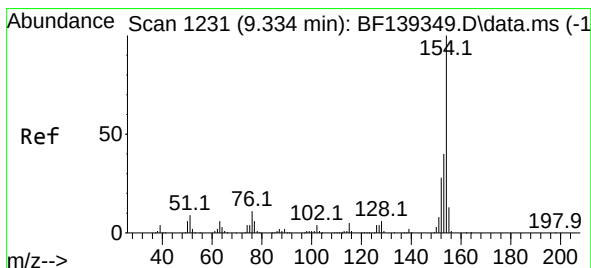
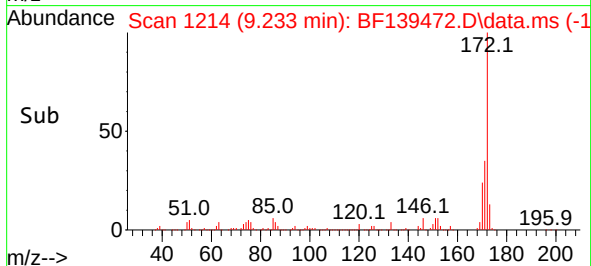
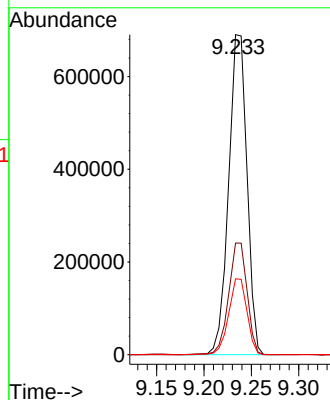
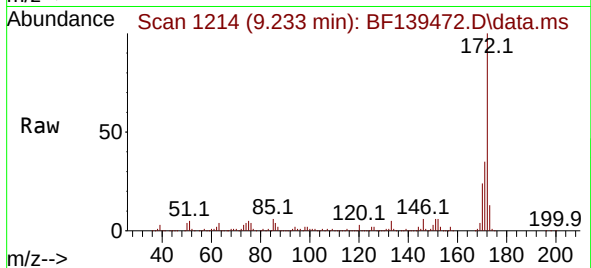
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.7	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 49.973 ng

RT: 9.339 min Scan# 1232

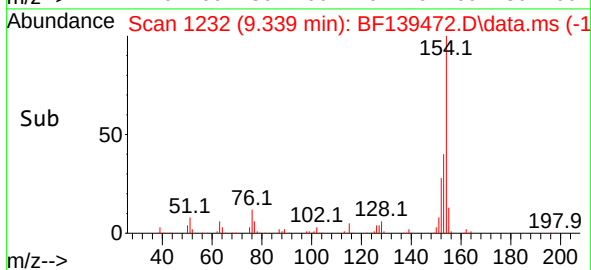
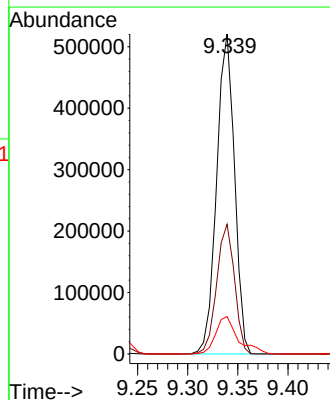
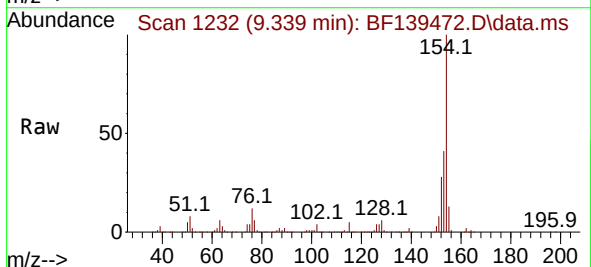
Delta R.T. 0.006 min

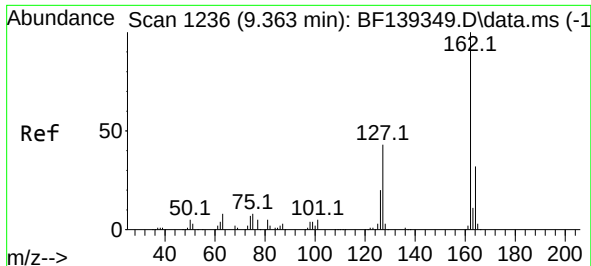
Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:154 Resp: 644618

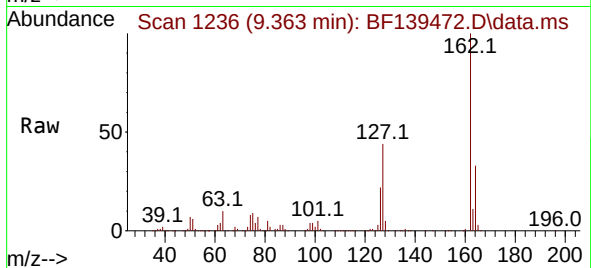
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.1	60.1
76	11.7	0.0	31.1





#47
2-Chloronaphthalene
Concen: 49.356 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

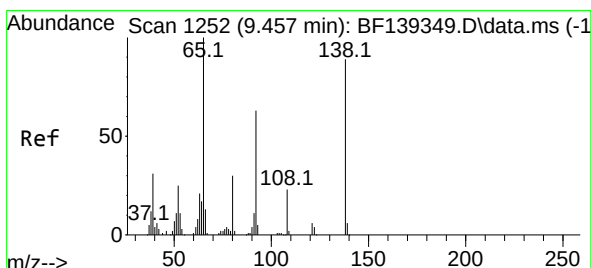
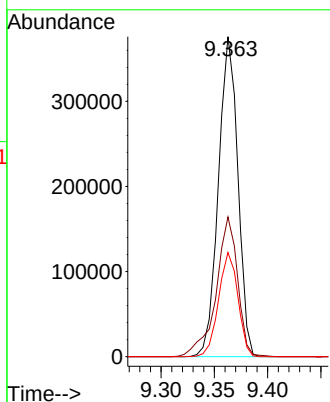
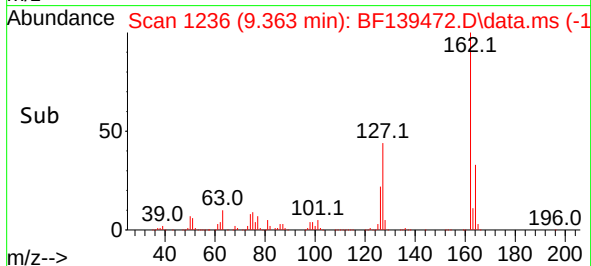
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion:162 Resp: 47602
Ion Ratio Lower Upper
162 100
127 43.6 35.0 52.4
164 32.5 25.8 38.6

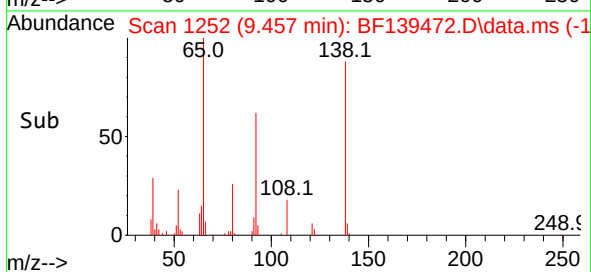
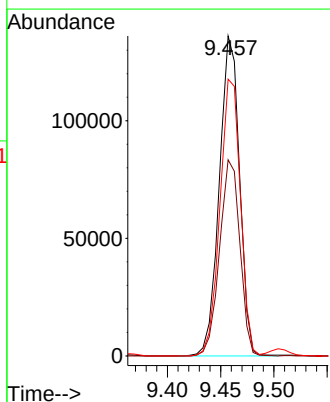
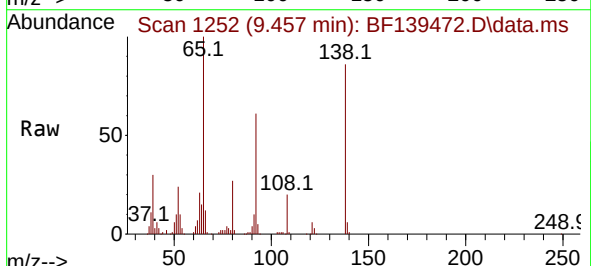
Manual Integrations
APPROVED

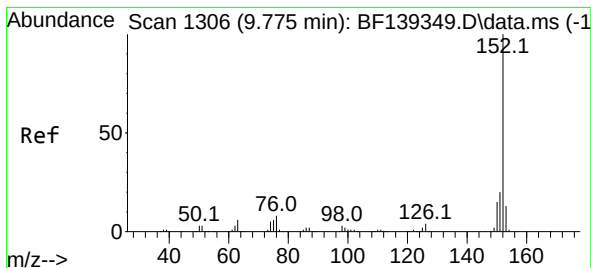
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#48
2-Nitroaniline
Concen: 49.974 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion: 65 Resp: 179272
Ion Ratio Lower Upper
65 100
92 61.3 50.3 75.5
138 86.5 71.3 106.9





#49

Acenaphthylene

Concen: 52.361 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

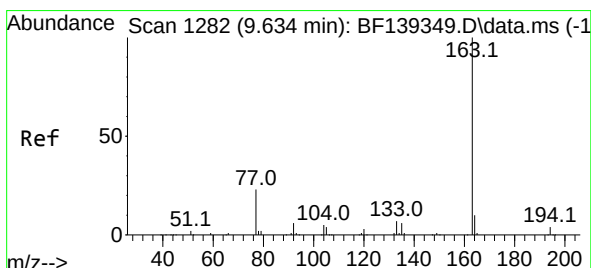
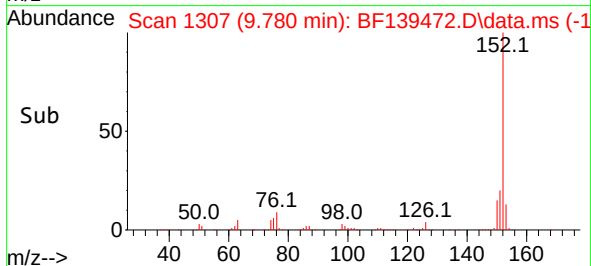
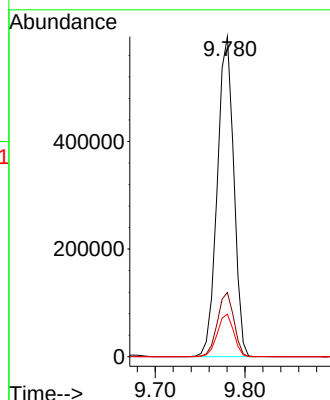
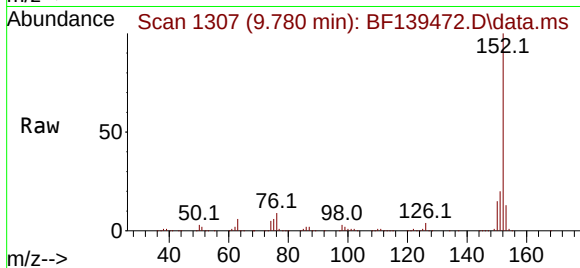
Tgt Ion:152	Resp: 76018
Ion Ratio	Lower Upper
152	100
151	20.0 16.2 24.2
153	13.3 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 51.242 ng

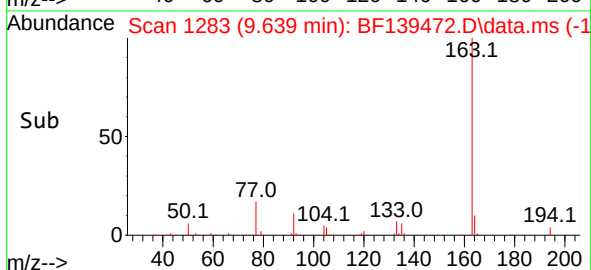
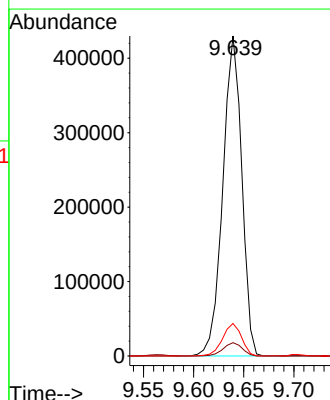
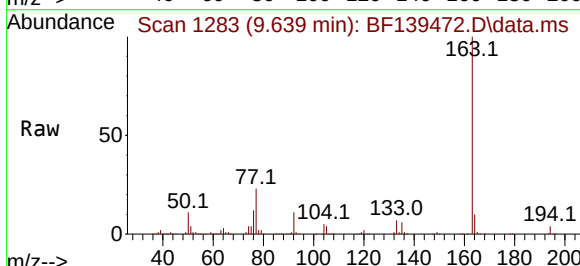
RT: 9.639 min Scan# 1283

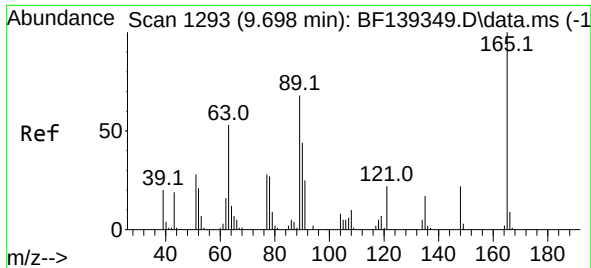
Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:163	Resp: 563915
Ion Ratio	Lower Upper
163	100
194	4.2 3.1 4.7
164	10.2 8.2 12.2





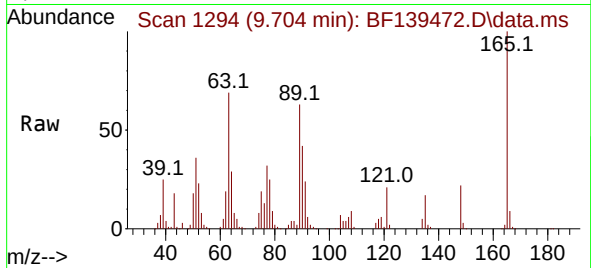
#51
2,6-Dinitrotoluene
Concen: 47.975 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

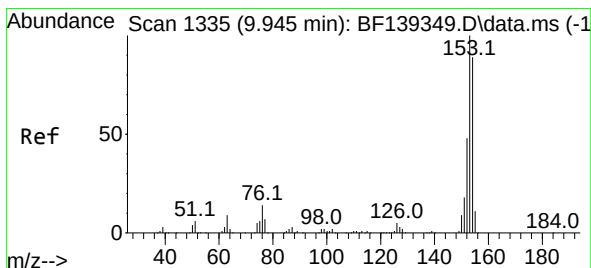
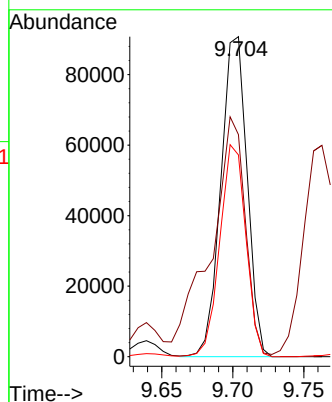
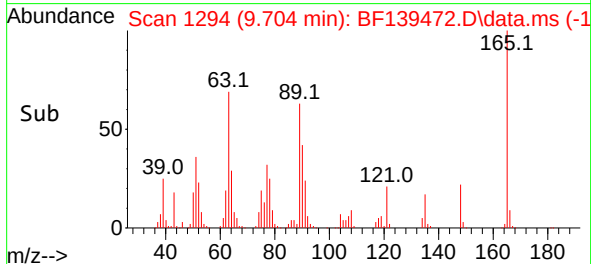


Tgt Ion:165 Resp: 116959
Ion Ratio Lower Upper
165 100
63 69.4 60.9 91.3
89 63.1 54.7 82.1

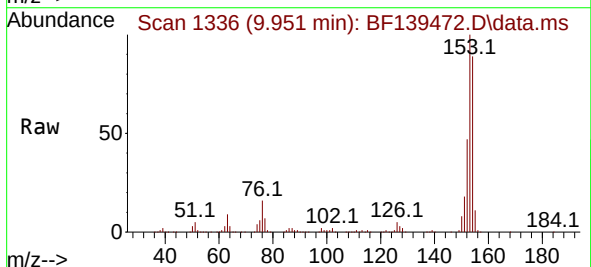
Manual Integrations

APPROVED

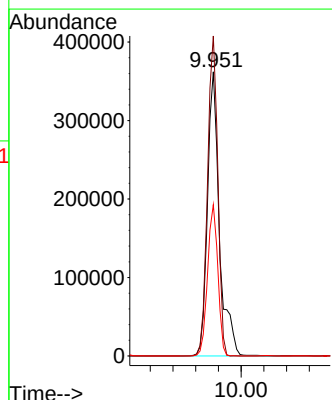
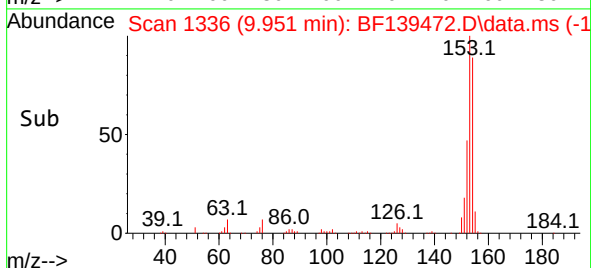
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

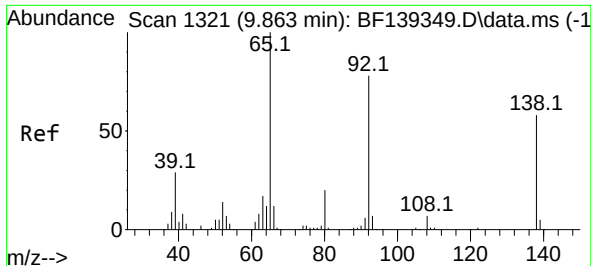


#52
Acenaphthene
Concen: 52.048 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:154 Resp: 527389
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.2 42.6 64.0





#53
3-Nitroaniline
Concen: 33.604 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

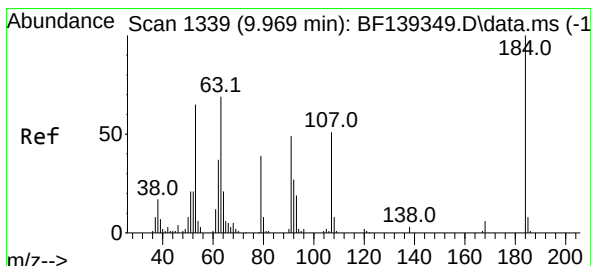
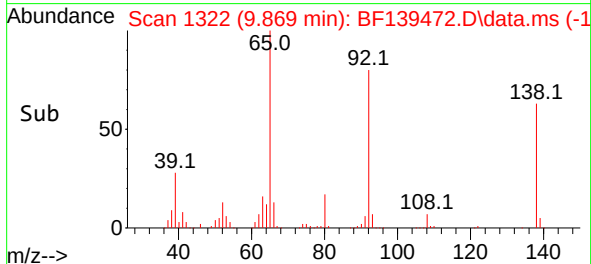
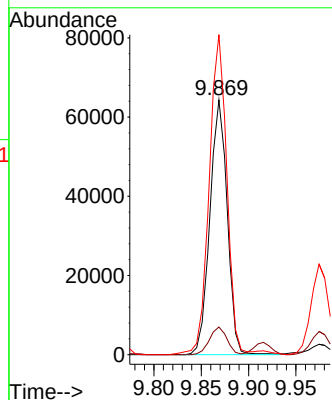
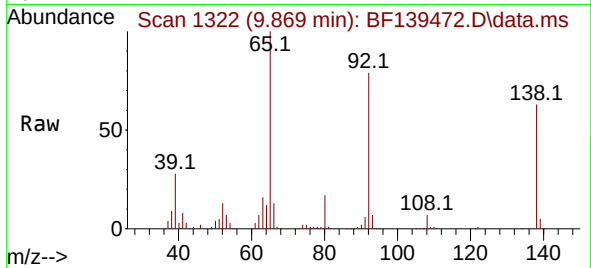
SW-1-TANK17MSD

Tgt Ion:138 Resp: 81872
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 125.6 107.4 161.2

Manual Integrations

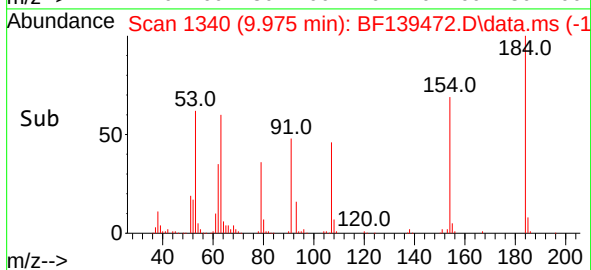
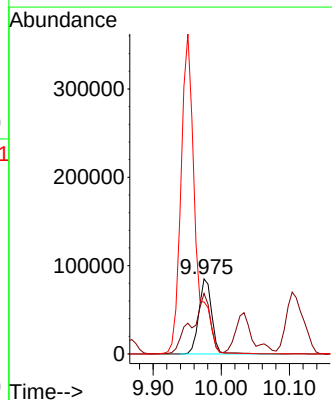
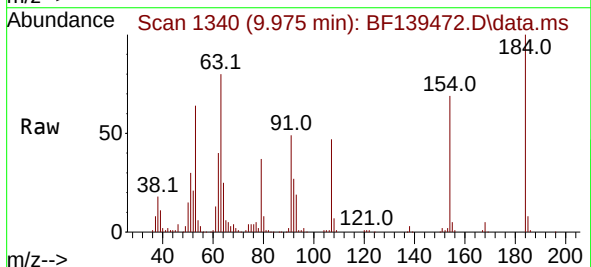
APPROVED

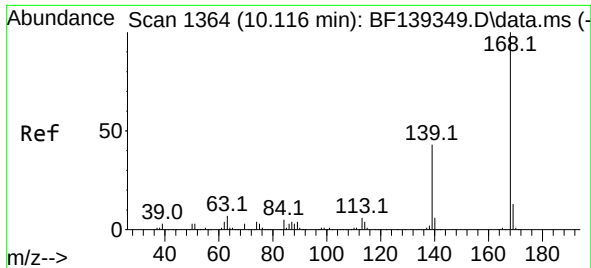
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 82.731 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

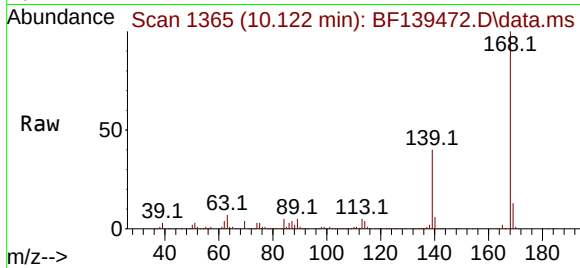
Tgt Ion:184 Resp: 112386
Ion Ratio Lower Upper
184 100
63 80.5 69.3 103.9
154 69.2 67.5 101.3





#55
Dibenzenofuran
Concen: 48.185 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

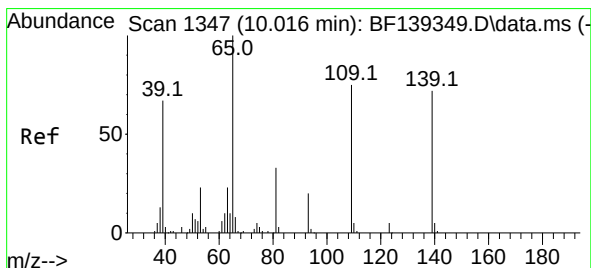
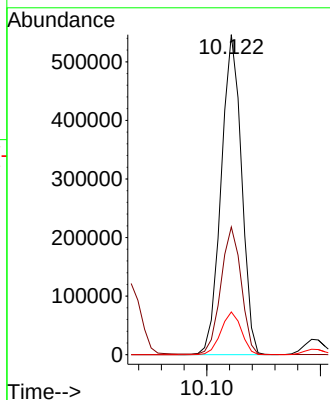
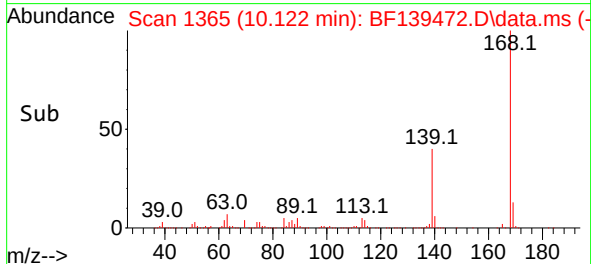
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion:168 Resp: 68052
Ion Ratio Lower Upper
168 100
139 39.9 34.1 51.1
169 13.4 10.5 15.7

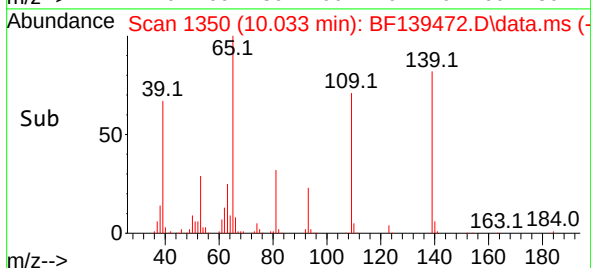
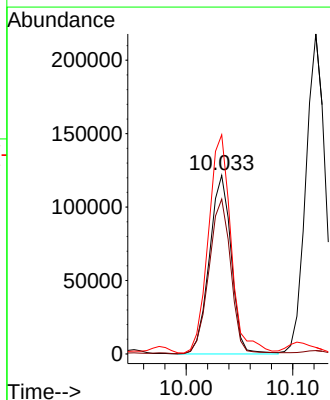
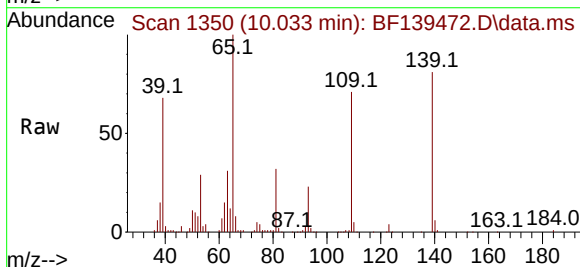
Manual Integrations
APPROVED

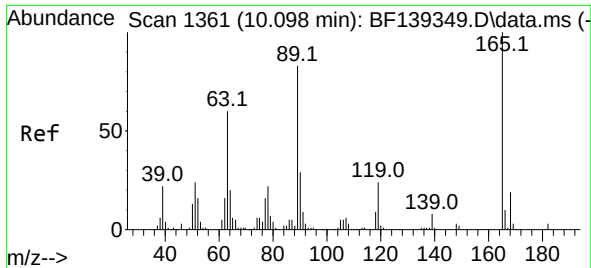
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 85.828 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:139 Resp: 173031
Ion Ratio Lower Upper
139 100
109 86.7 84.1 124.1
65 122.8 120.0 160.0





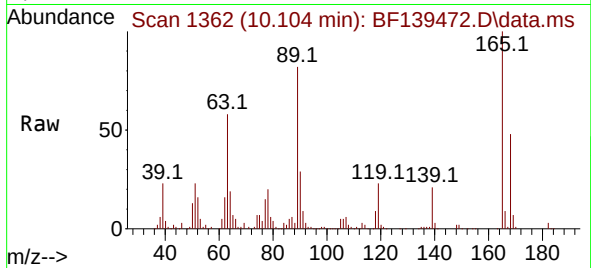
#57
2,4-Dinitrotoluene
Concen: 46.533 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

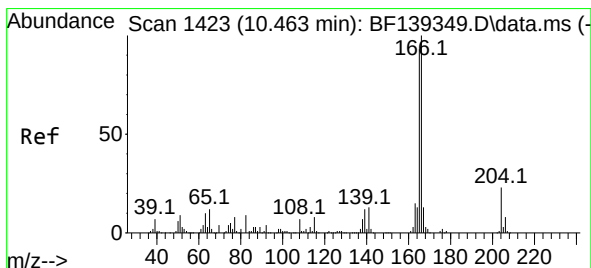
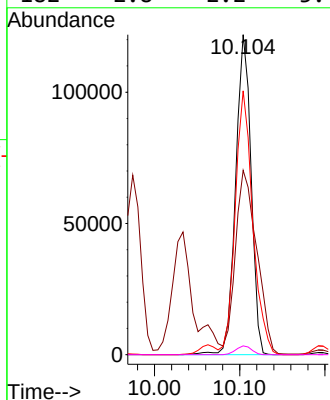
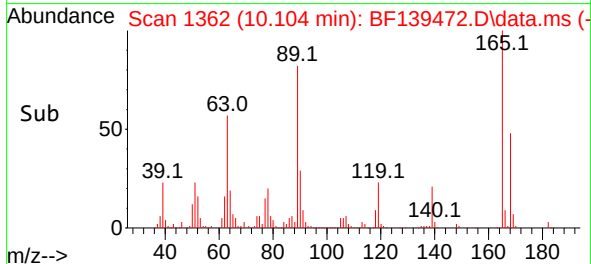


Tgt Ion:165 Resp: 153159
Ion Ratio Lower Upper
165 100
63 57.6 47.8 71.6
89 82.5 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

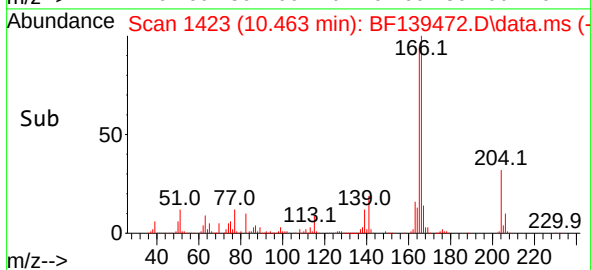
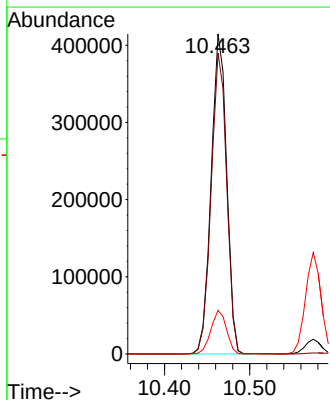
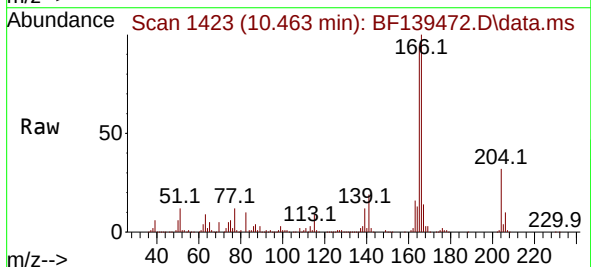
APPROVED

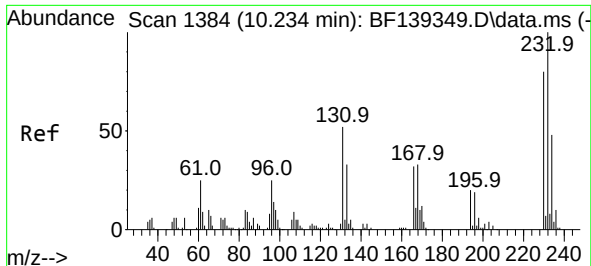
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 45.534 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

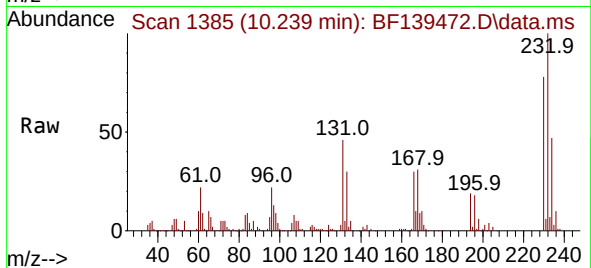
Tgt Ion:166 Resp: 524698
Ion Ratio Lower Upper
166 100
165 94.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.801 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

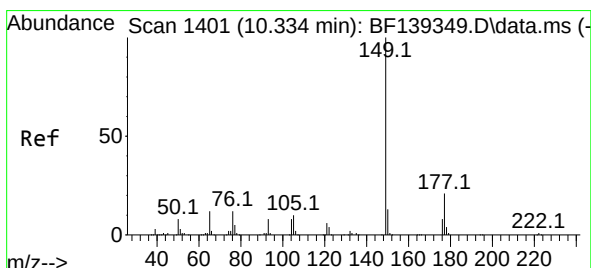
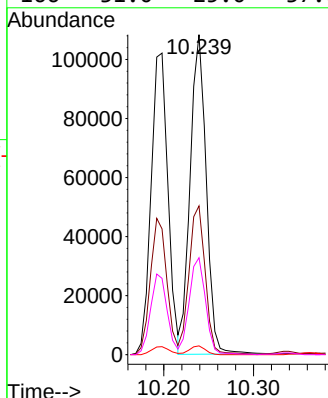
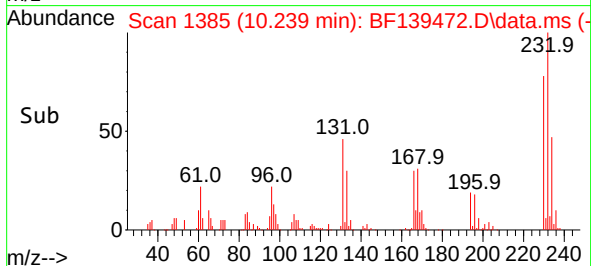
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



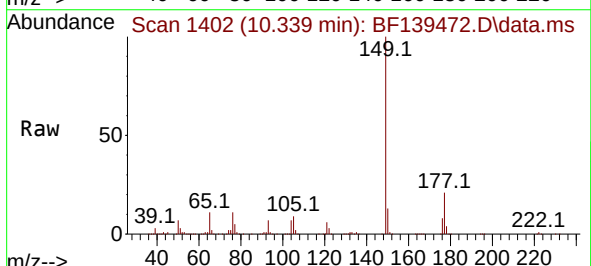
Tgt Ion:232 Resp: 13484
Ion Ratio Lower Upper
232 100
131 46.5 40.7 61.1
130 2.8 2.2 3.2
166 31.0 25.0 37.6

Manual Integrations
APPROVED

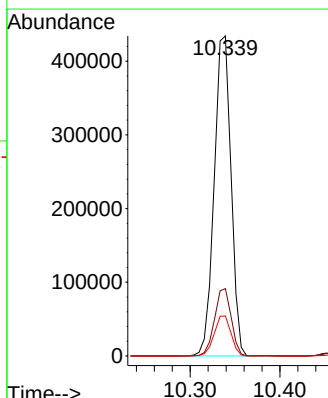
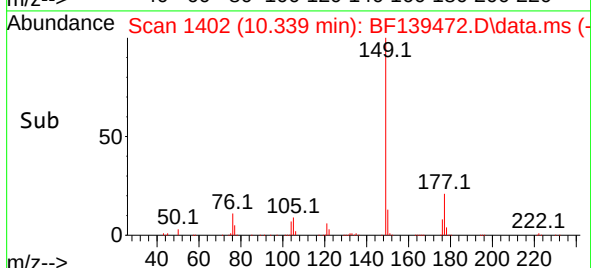
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

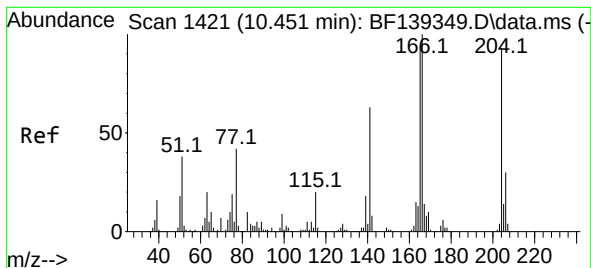


#60
Diethylphthalate
Concen: 49.824 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



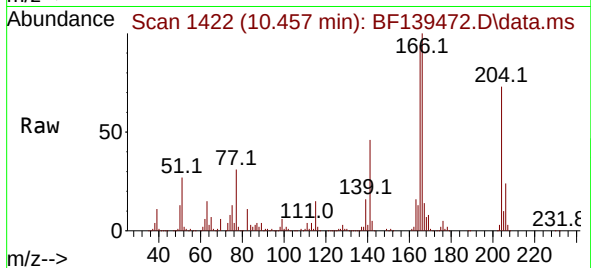
Tgt Ion:149 Resp: 565829
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 46.771 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

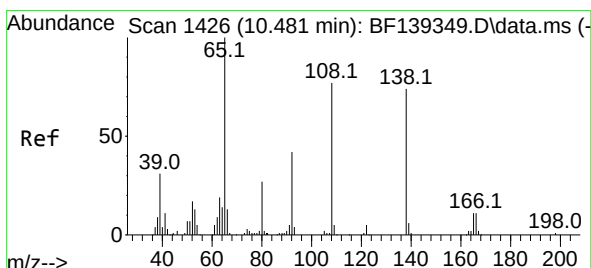
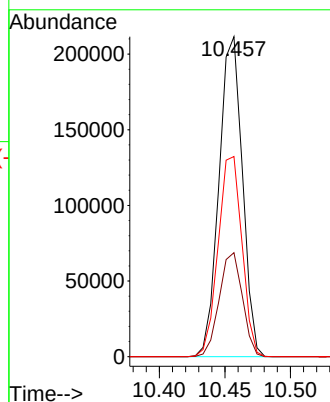
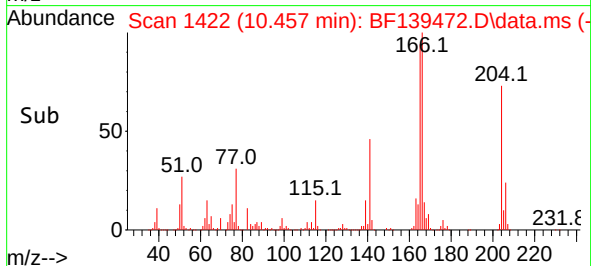
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion:204 Resp: 261924
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 62.6 53.9 80.9

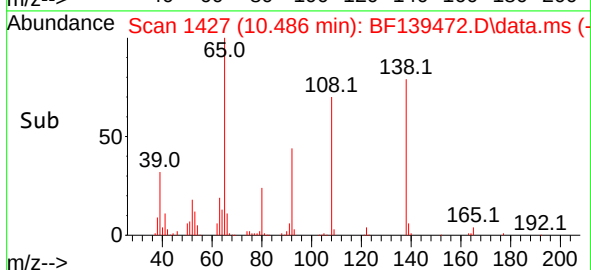
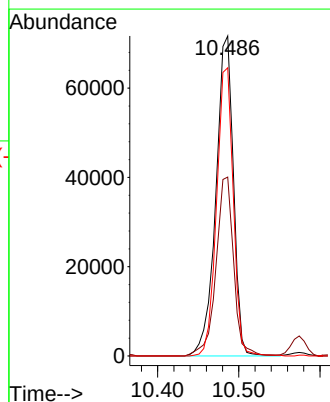
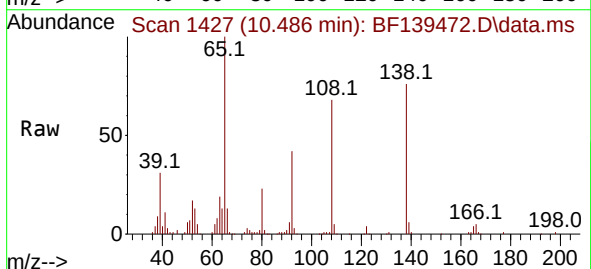
Manual Integrations
APPROVED

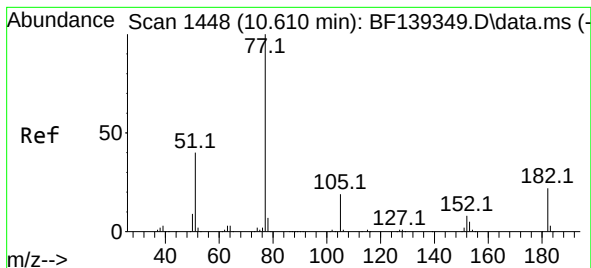
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 40.642 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:138 Resp: 108071
Ion Ratio Lower Upper
138 100
92 55.9 37.0 77.0
108 90.1 84.4 124.4





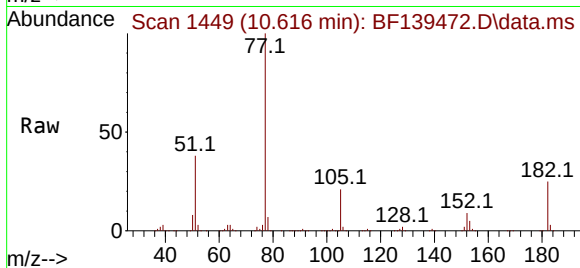
#63
Azobenzene
Concen: 51.800 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

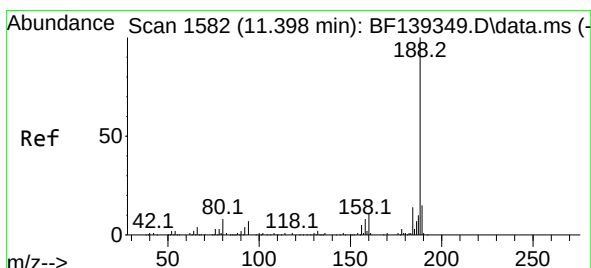
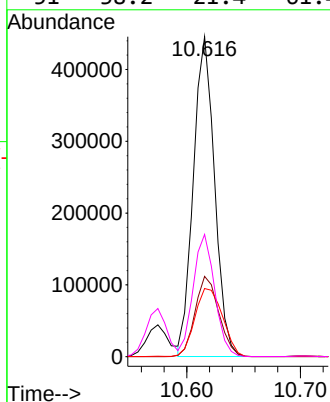
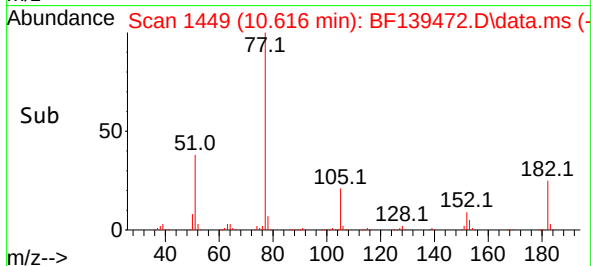


Tgt Ion: 77 Resp: 578594
Ion Ratio Lower Upper
77 100
182 25.1 1.8 41.8
105 21.3 0.0 38.6
51 38.2 21.4 61.4

Manual Integrations

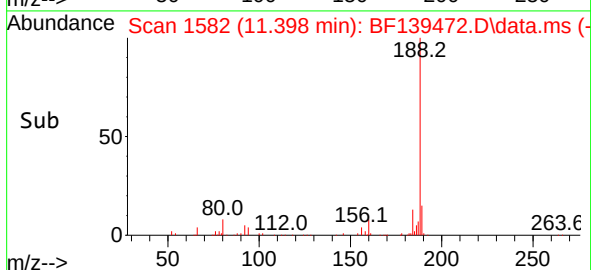
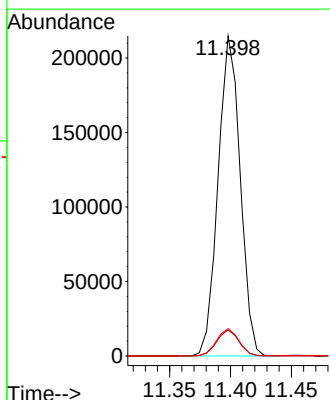
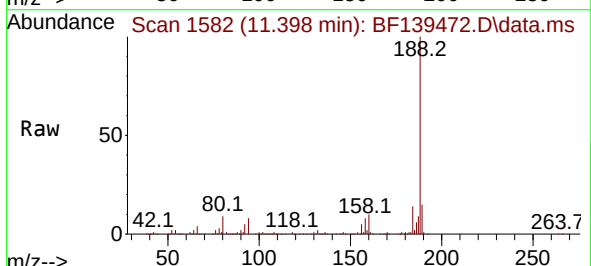
APPROVED

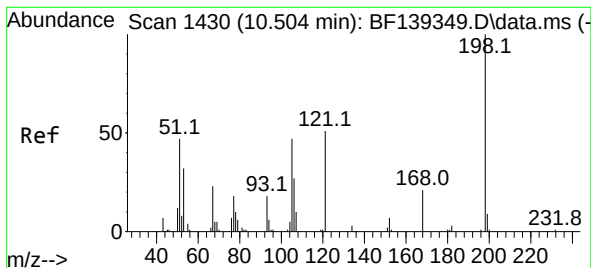
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Tgt Ion:188 Resp: 271500
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.6 6.6 9.8





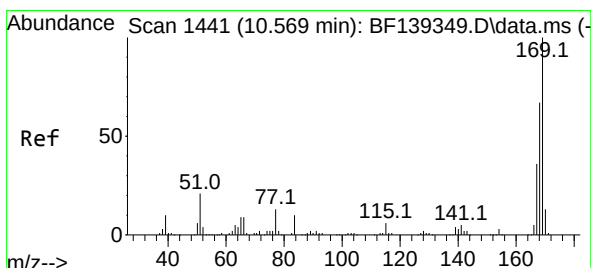
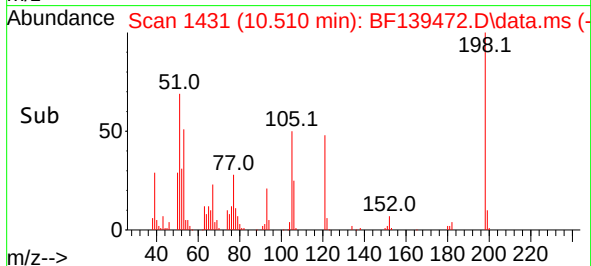
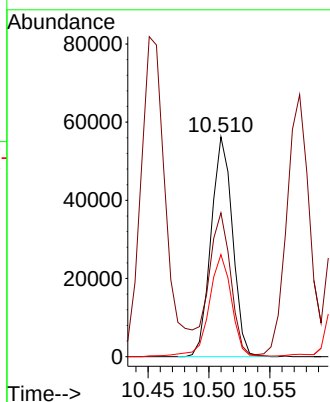
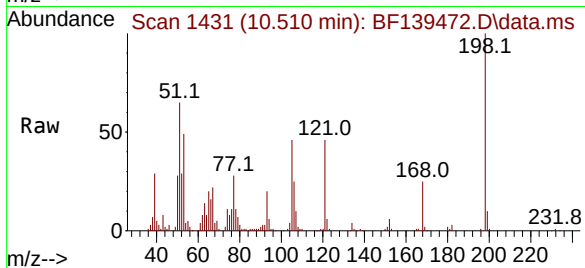
#65
4,6-Dinitro-2-methylphenol
Concen: 48.218 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD

Tgt Ion:198 Resp: 69094
Ion Ratio Lower Upper
198 100
51 65.5 50.4 90.4
105 46.5 28.3 68.3

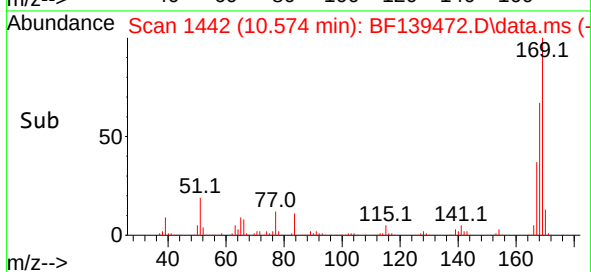
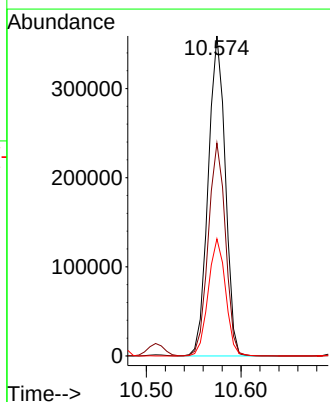
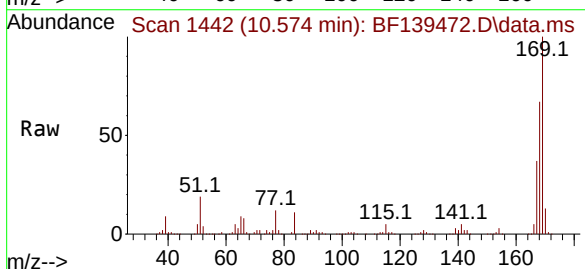
Manual Integrations
APPROVED

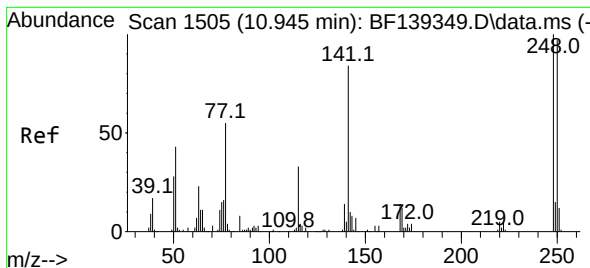
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 56.730 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

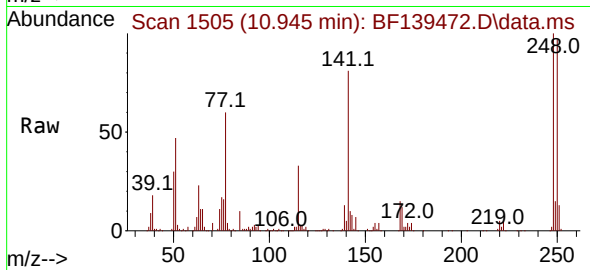
Tgt Ion:169 Resp: 450307
Ion Ratio Lower Upper
169 100
168 66.5 53.6 80.4
167 36.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 55.432 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

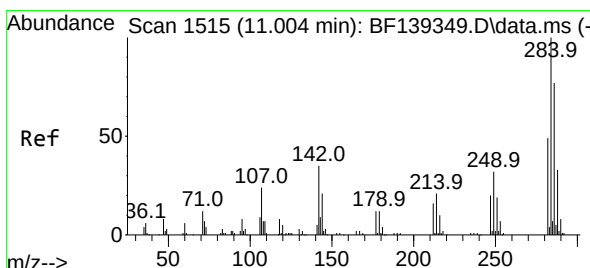
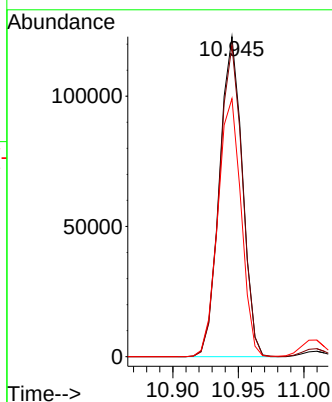
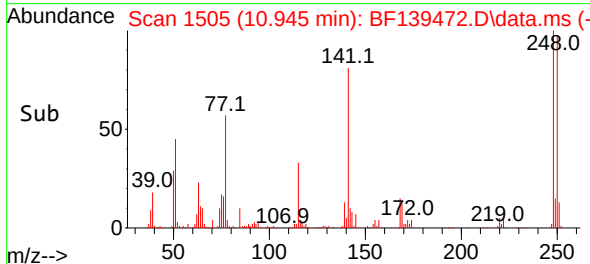
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



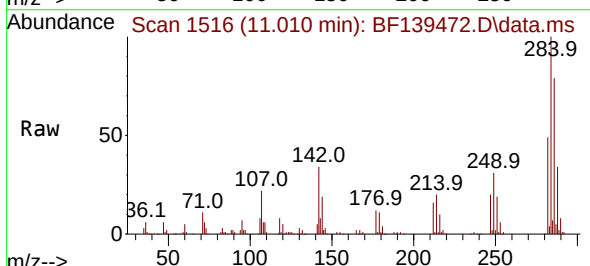
Tgt Ion:248 Resp: 149140
Ion Ratio Lower Upper
248 100
250 97.3 77.6 116.4
141 80.7 66.9 100.3

Manual Integrations
APPROVED

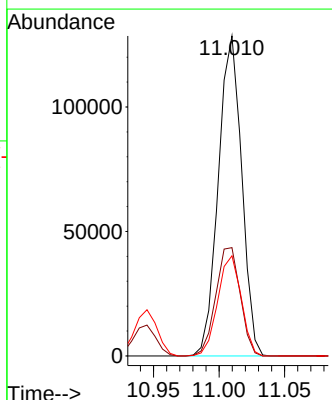
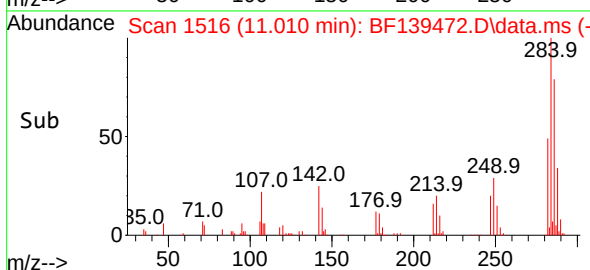
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

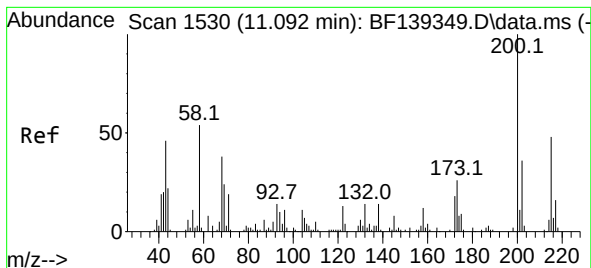


#68
Hexachlorobenzene
Concen: 50.406 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:284 Resp: 159165
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.3 25.3 37.9





#69

Atrazine

Concen: 71.966 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

Tgt Ion:200 Resp: 13599

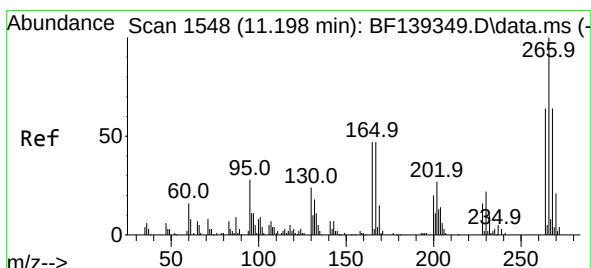
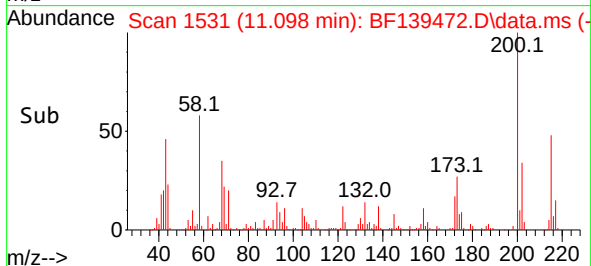
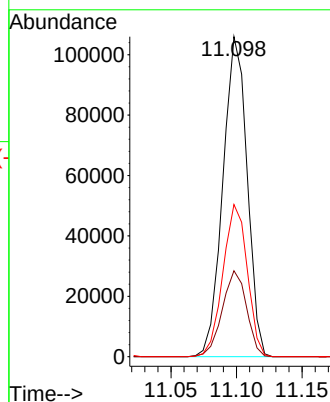
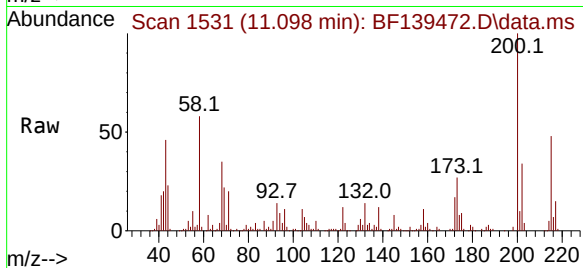
Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.1	46.1
215	47.6	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 88.433 ng

RT: 11.204 min Scan# 1549

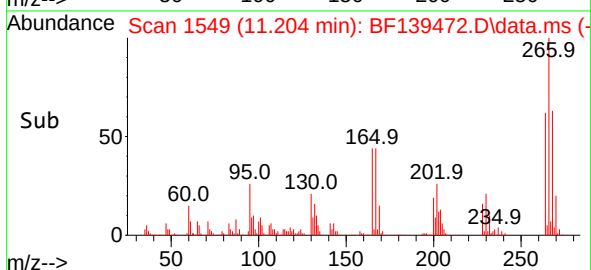
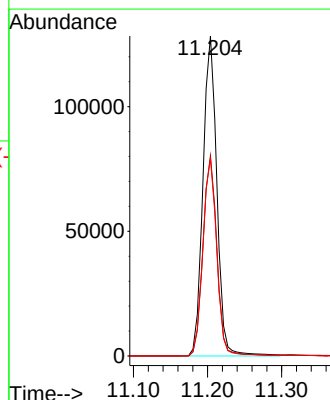
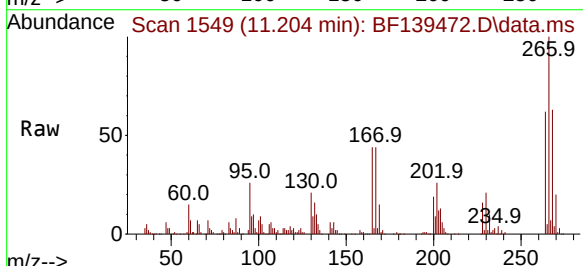
Delta R.T. 0.006 min

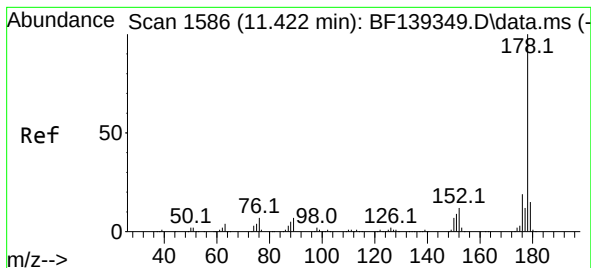
Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:266 Resp: 167555

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.7	51.4	77.0





#71

Phenanthrene

Concen: 49.451 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

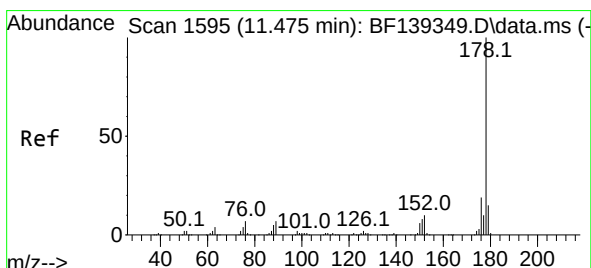
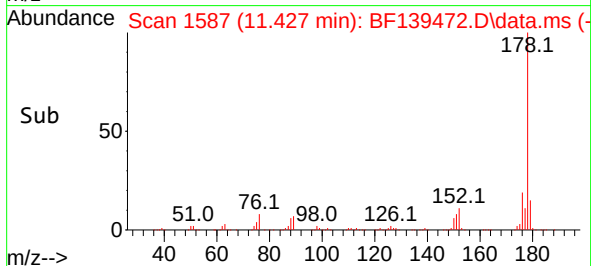
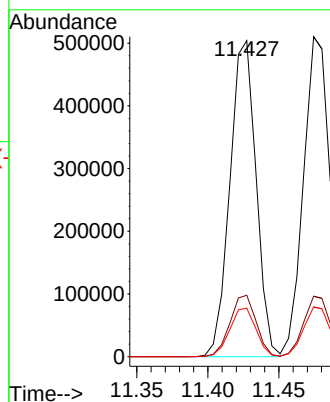
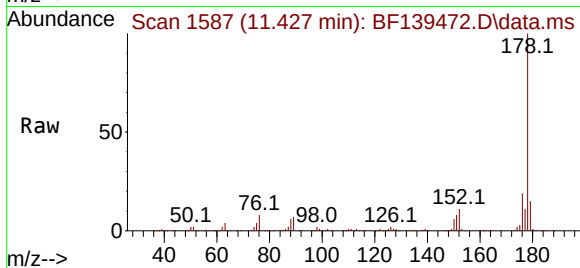
Tgt Ion:178 Resp: 647752
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 51.309 ng

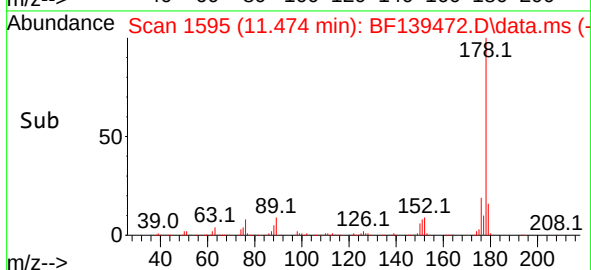
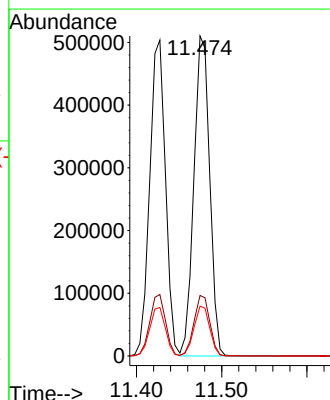
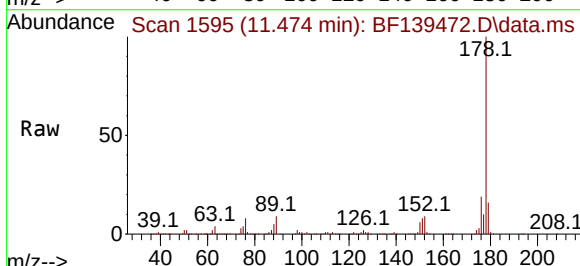
RT: 11.474 min Scan# 1595

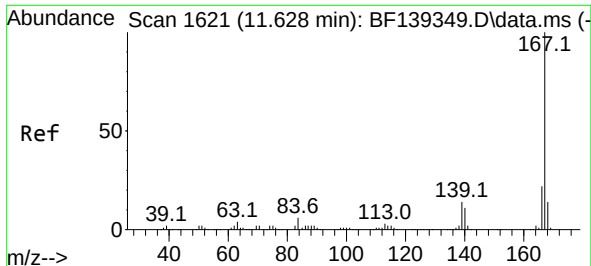
Delta R.T. -0.000 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

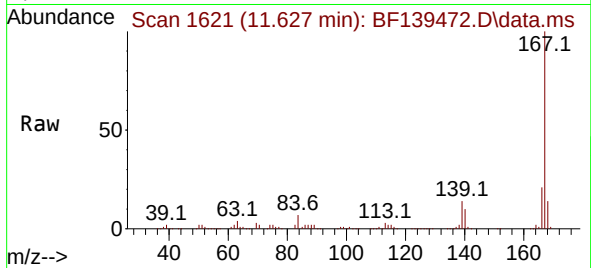
Tgt Ion:178 Resp: 657117
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 45.487 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20

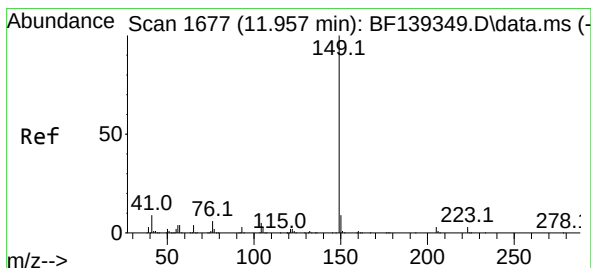
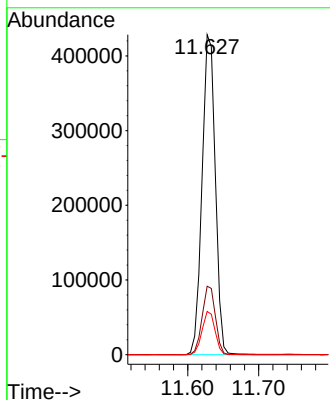
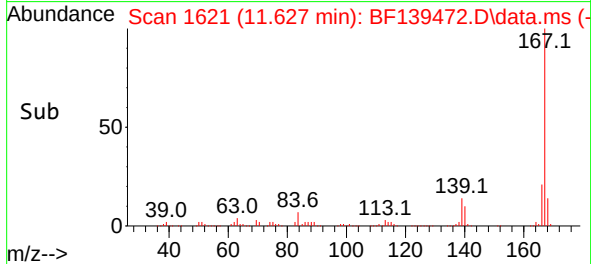
Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17MSD



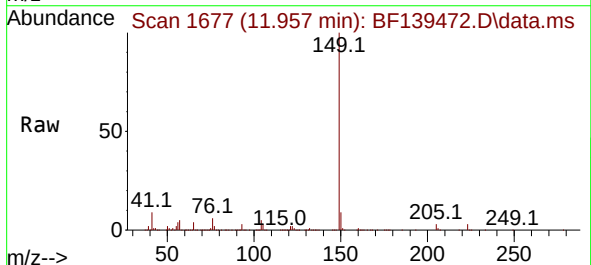
Tgt Ion:167 Resp: 557559
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

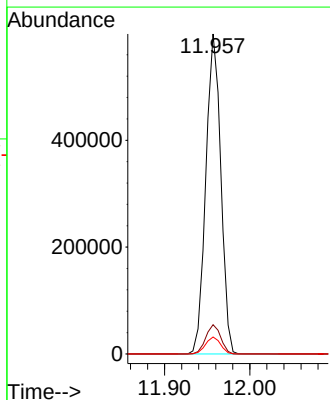
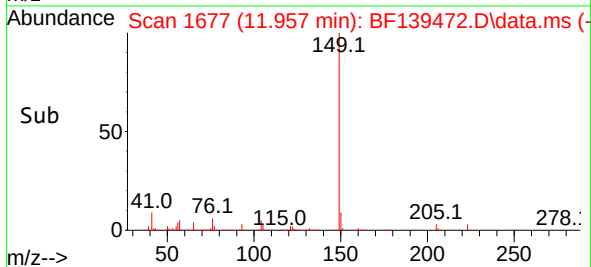
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

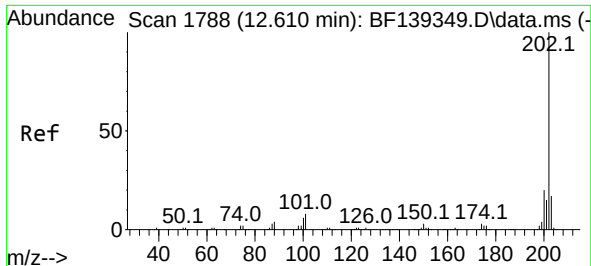


#74
 Di-n-butylphthalate
 Concen: 53.465 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20



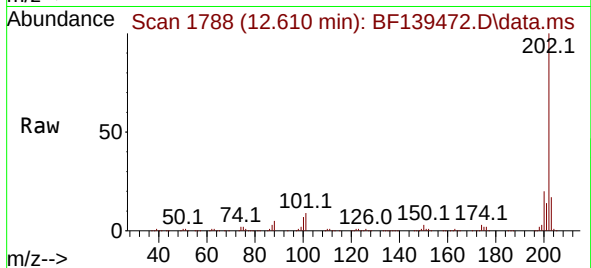
Tgt Ion:149 Resp: 730042
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 39.014 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

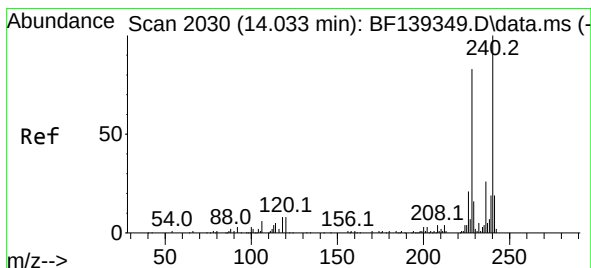
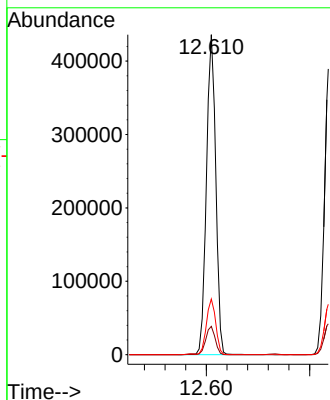
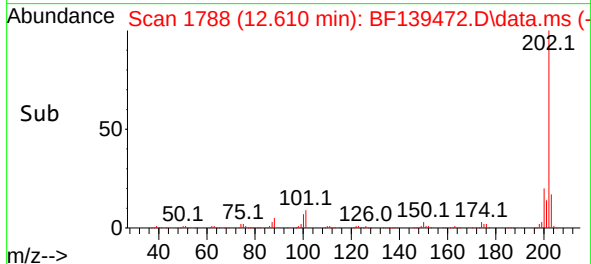
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



Tgt Ion:202 Resp: 54573
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 17.4 0.0 37.4

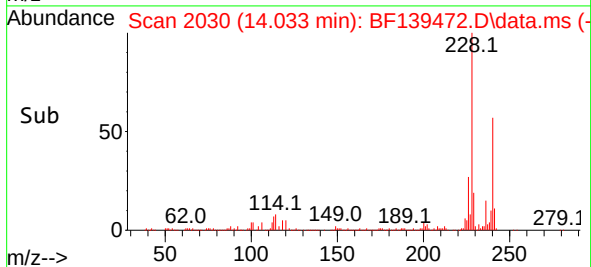
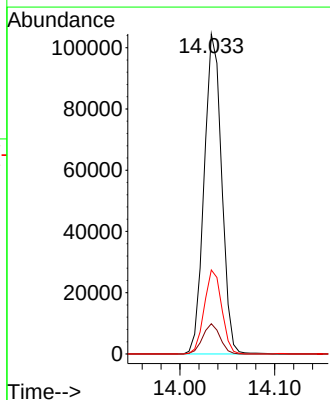
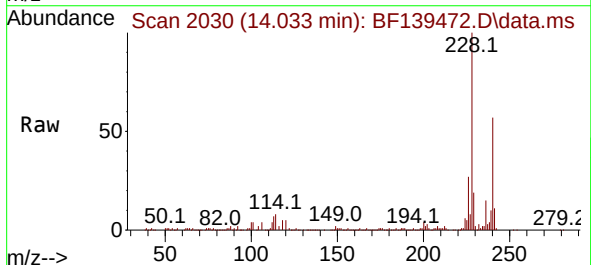
Manual Integrations
APPROVED

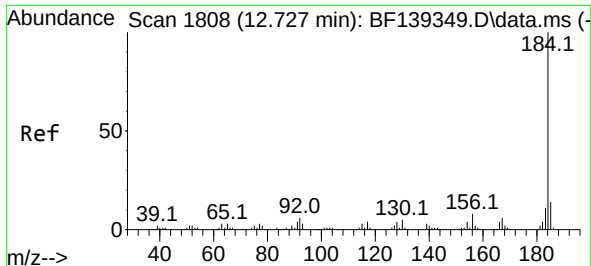
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

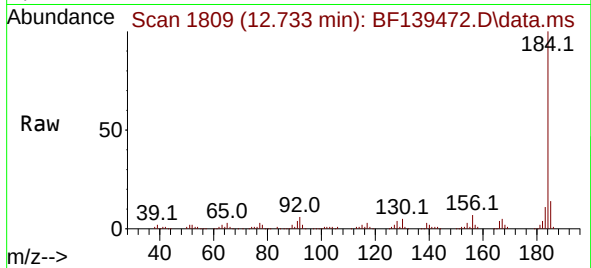
Tgt Ion:240 Resp: 133408
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 26.2 20.9 31.3





#77
Benzidine
Concen: 91.368 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

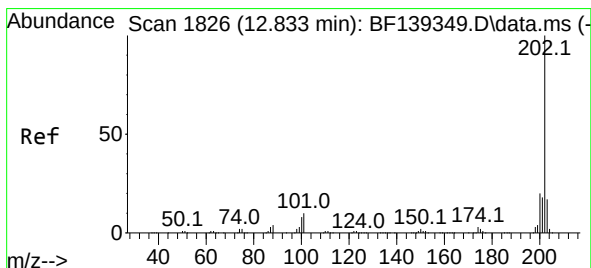
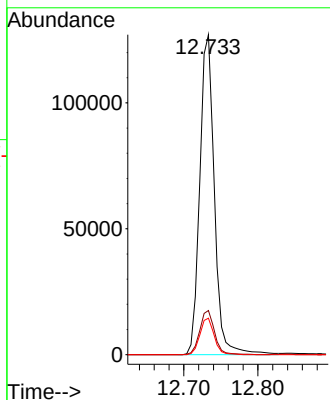
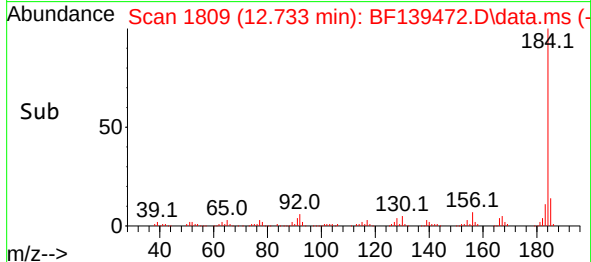
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



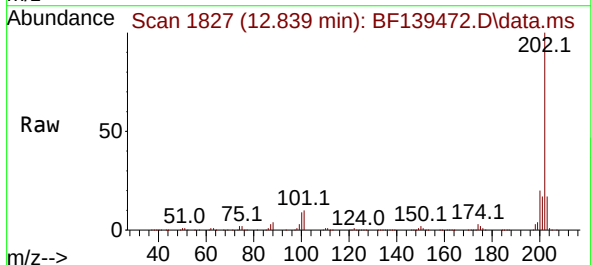
Tgt Ion:184 Resp: 174635
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.4 8.9 13.3

Manual Integrations
APPROVED

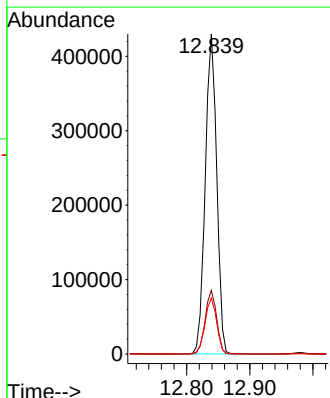
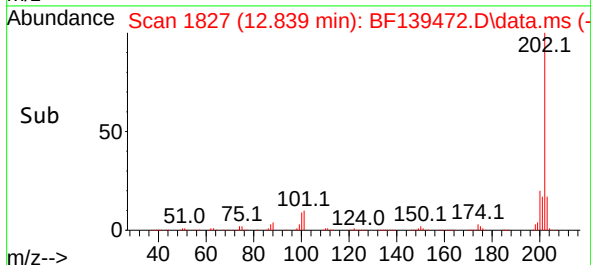
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

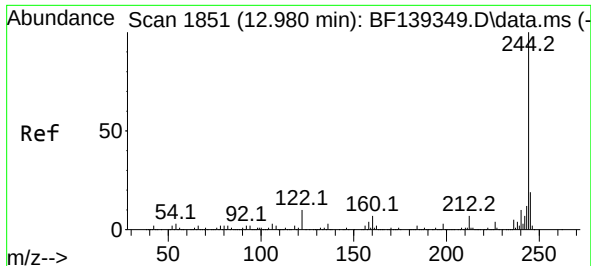


#78
Pyrene
Concen: 47.229 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:202 Resp: 541003
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.5 13.9 20.9





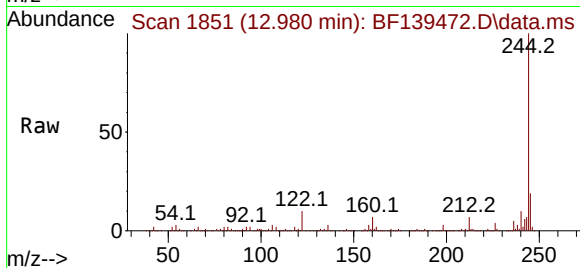
#79
 Terphenyl-d14
 Concen: 75.708 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

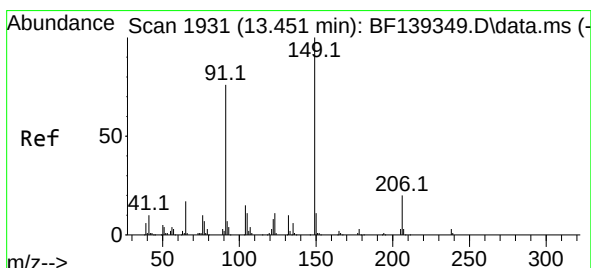
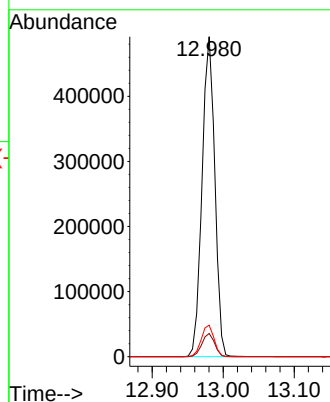
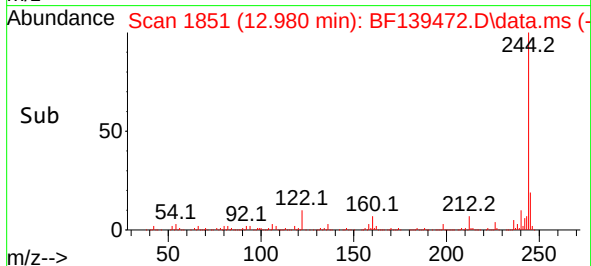


Tgt Ion:244 Resp: 615334
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.8 7.6 11.4

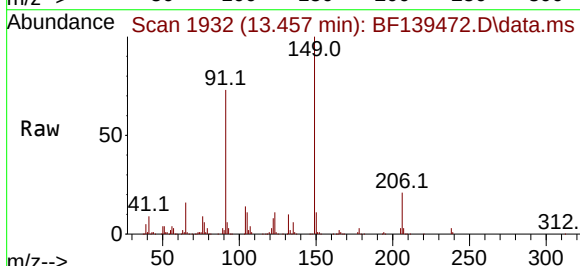
Manual Integrations

APPROVED

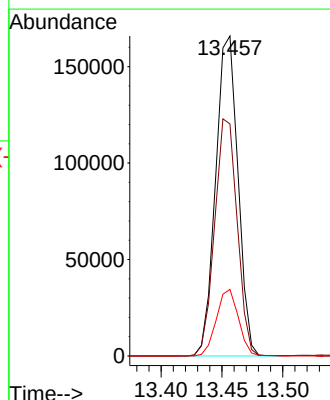
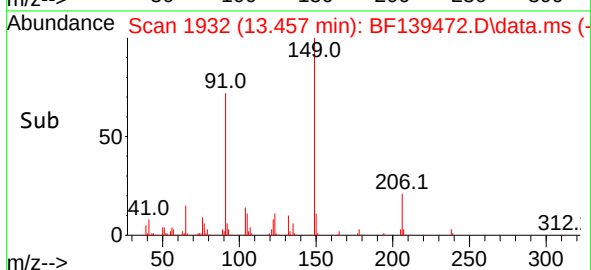
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

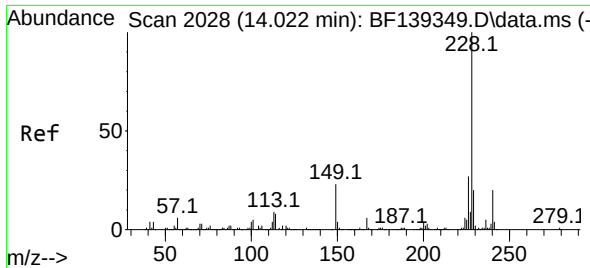


#80
 Butylbenzylphthalate
 Concen: 54.400 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139472.D
 Acq: 19 Sep 2024 19:20



Tgt Ion:149 Resp: 212107
 Ion Ratio Lower Upper
 149 100
 91 72.5 60.9 91.3
 206 20.8 15.8 23.8





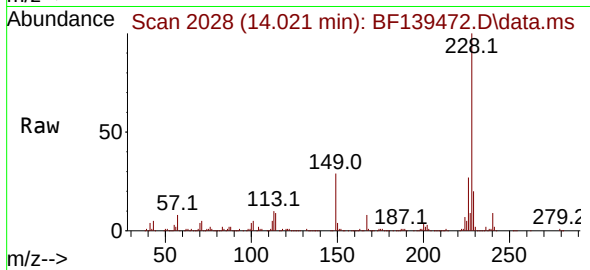
#81
Benzo(a)anthracene
Concen: 50.945 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



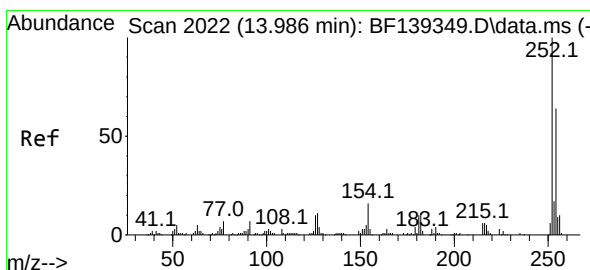
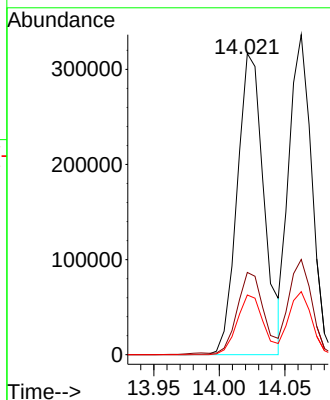
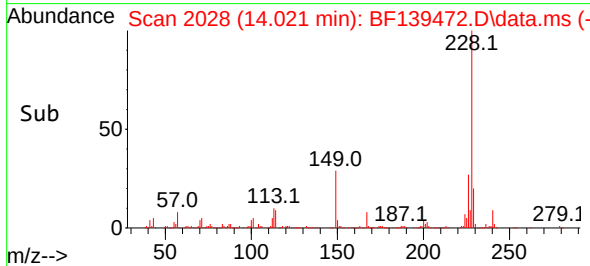
Tgt Ion:228 Resp: 450190
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.8 15.7 23.5

Manual Integrations

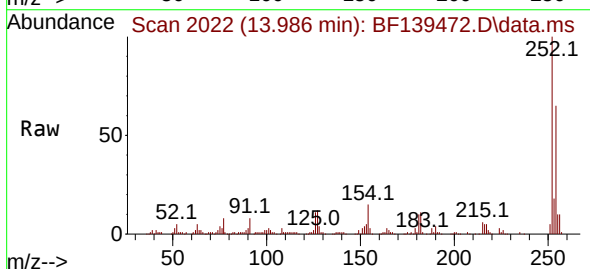
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

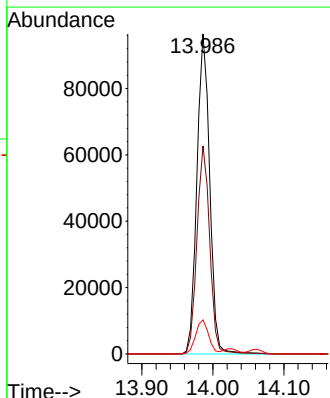
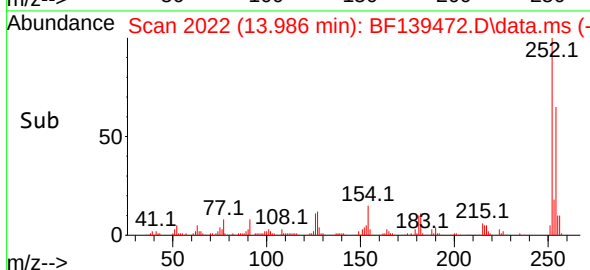
Supervised By :mohammad ahmed 09/22/2024

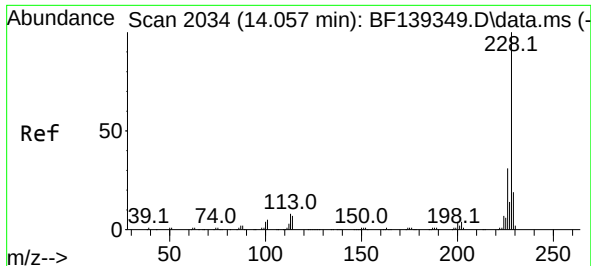


#82
3,3'-Dichlorobenzidine
Concen: 46.829 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



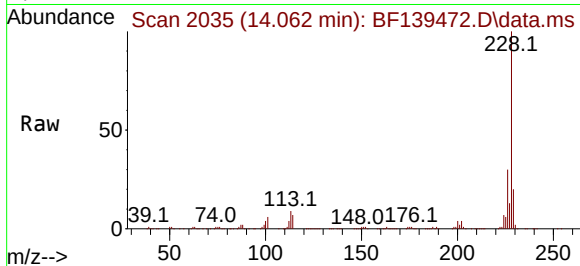
Tgt Ion:252 Resp: 121190
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.2
126 10.7 7.7 11.5





#83
Chrysene
Concen: 49.967 ng
RT: 14.062 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

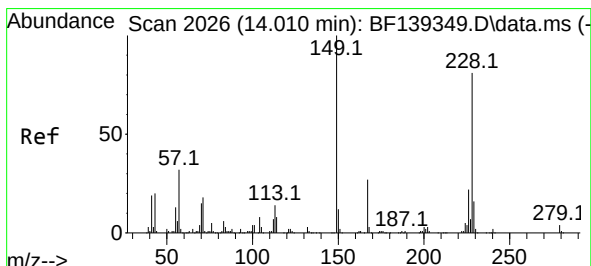
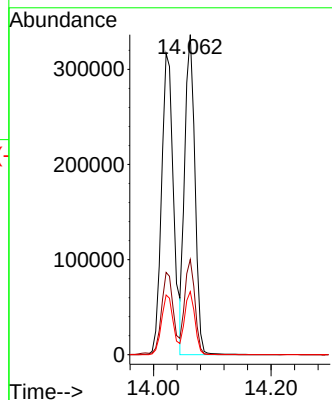
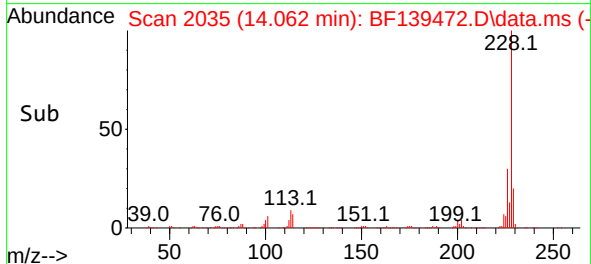
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



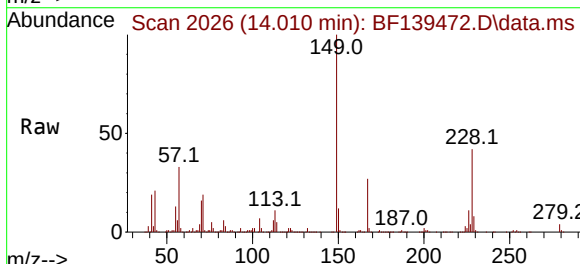
Tgt Ion:228 Resp: 406234
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.7 15.4 23.0

Manual Integrations
APPROVED

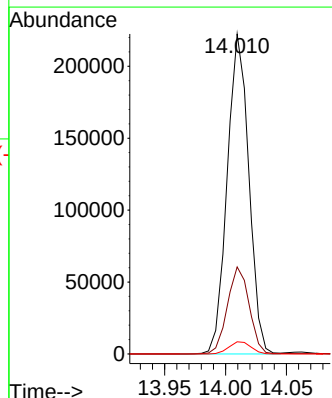
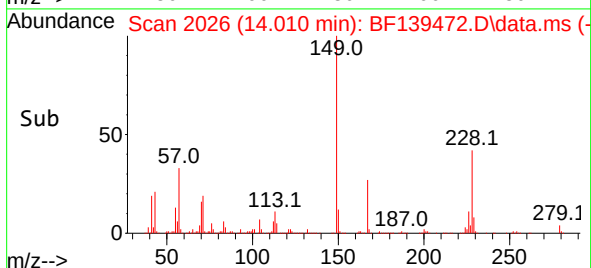
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

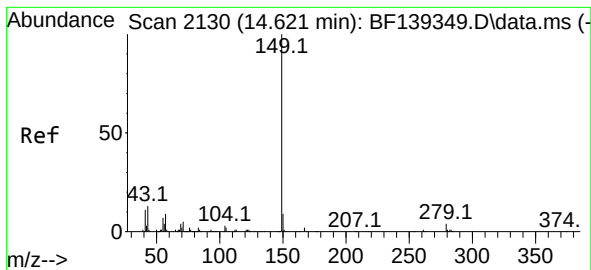


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.444 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



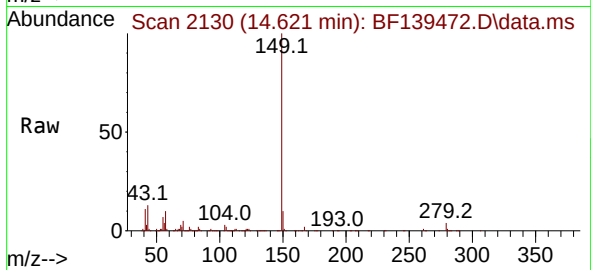
Tgt Ion:149 Resp: 275007
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 64.026 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

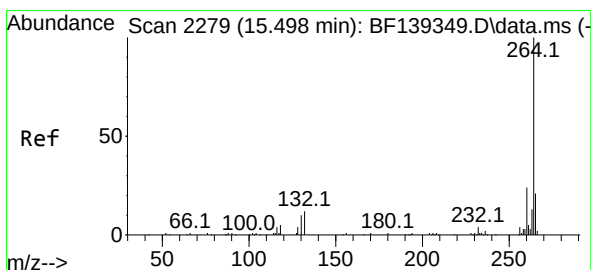
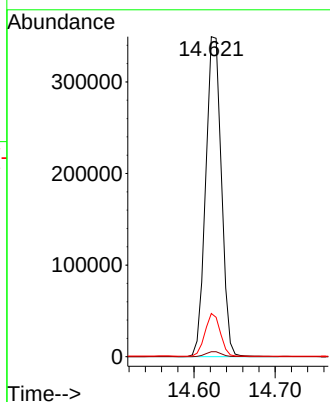
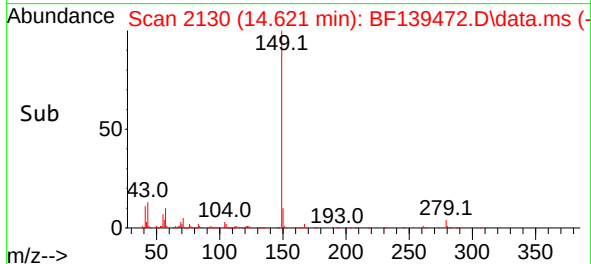
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MSD



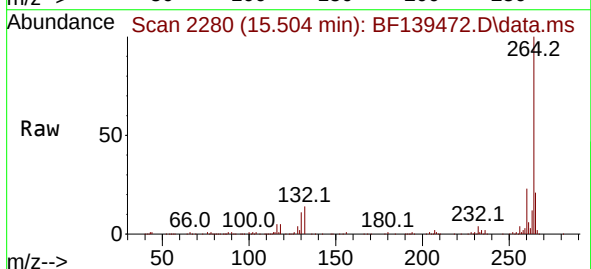
Tgt Ion:149 Resp: 467689
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.0 10.6 16.0

Manual Integrations
APPROVED

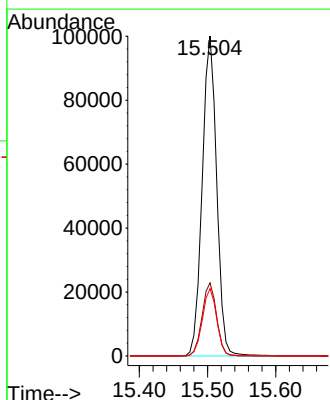
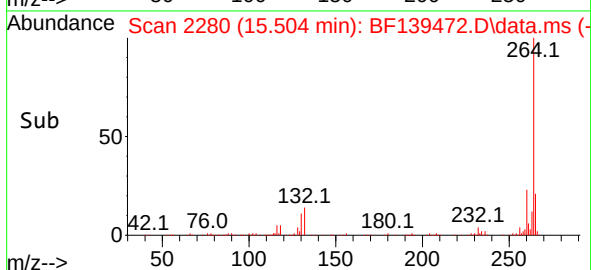
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

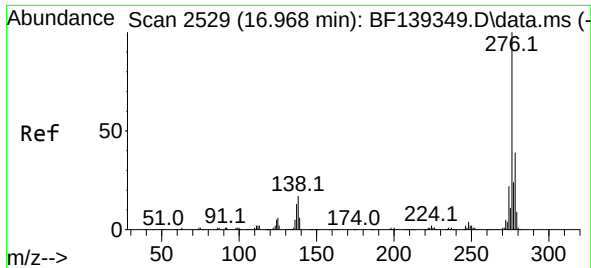


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:264 Resp: 147512
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.0 16.6 25.0





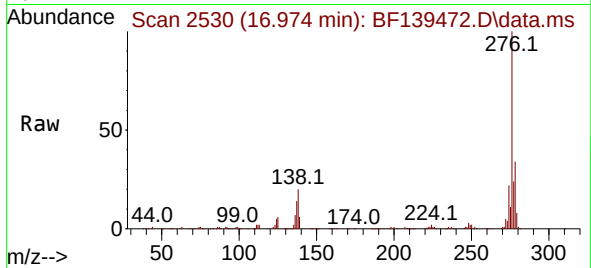
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.821 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



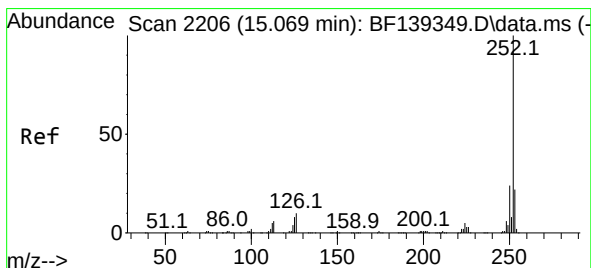
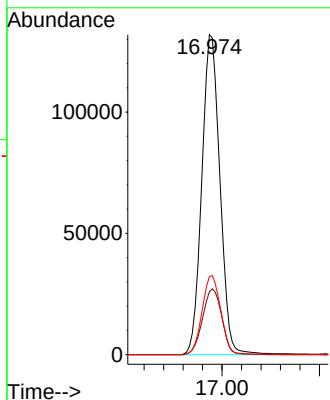
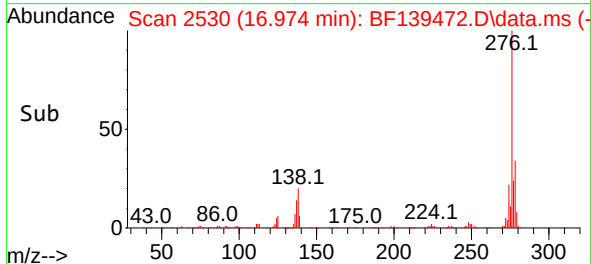
Tgt Ion:276 Resp: 340519
Ion Ratio Lower Upper
276 100
138 21.9 15.4 23.2
277 25.4 20.4 30.6

Manual Integrations

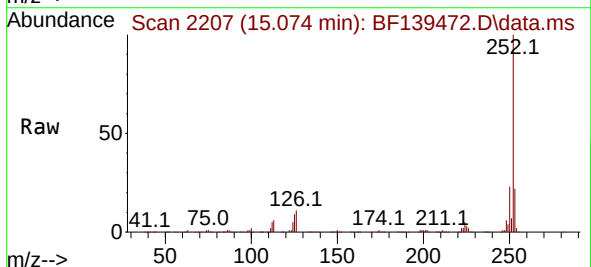
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

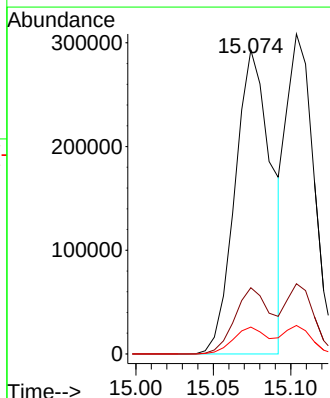
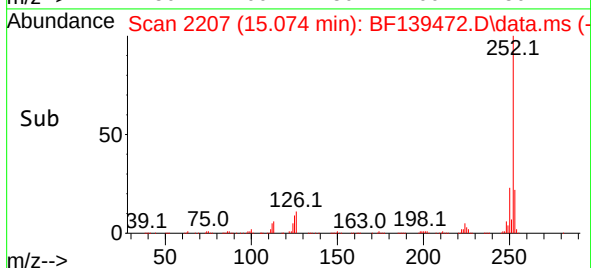
Supervised By :mohammad ahmed 09/22/2024

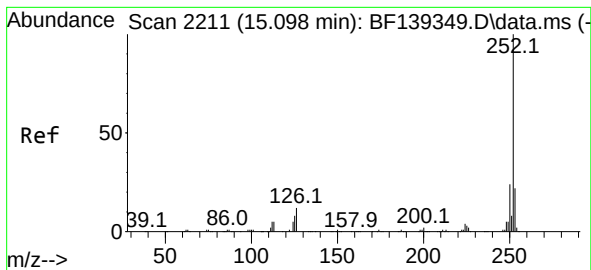


#88
Benzo(b)fluoranthene
Concen: 52.595 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:252 Resp: 478487
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.8 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 45.432 ng m

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD

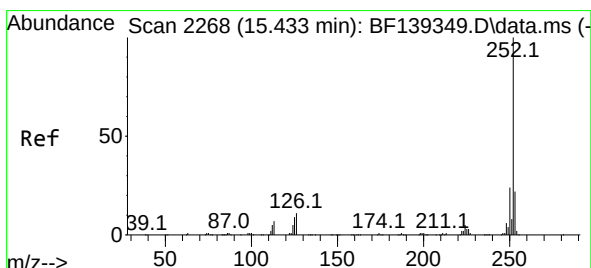
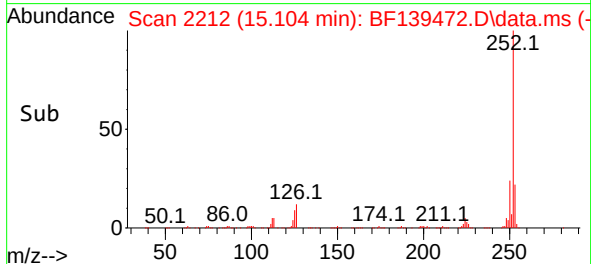
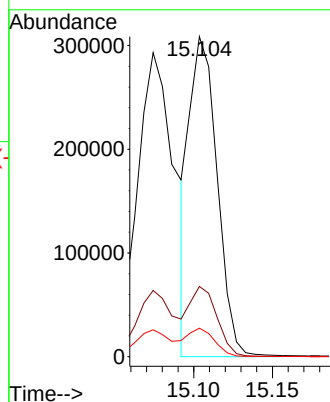
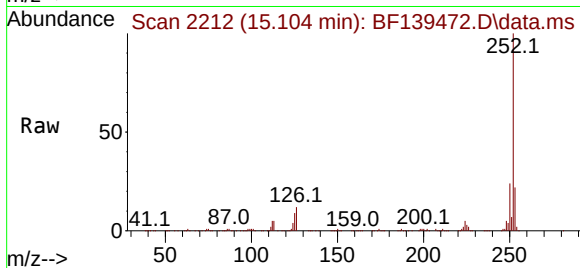
Tgt Ion:252 Resp: 381090
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 53.146 ng

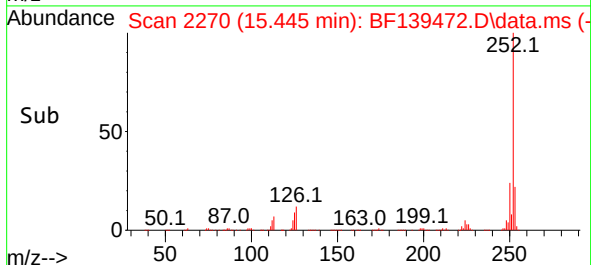
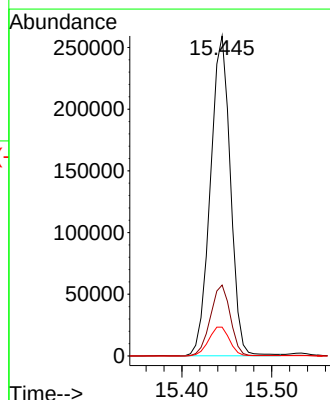
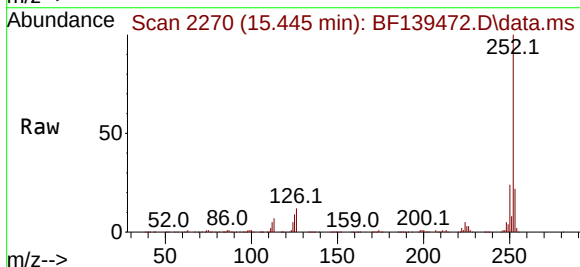
RT: 15.445 min Scan# 2270

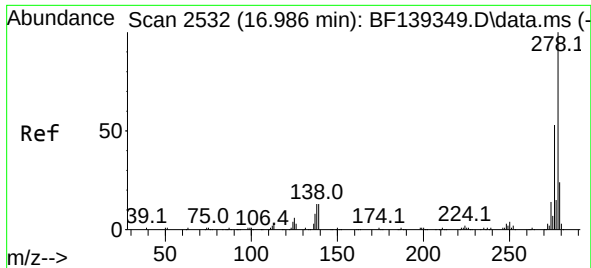
Delta R.T. 0.012 min

Lab File: BF139472.D

Acq: 19 Sep 2024 19:20

Tgt Ion:252 Resp: 400991
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.0 6.8 10.2





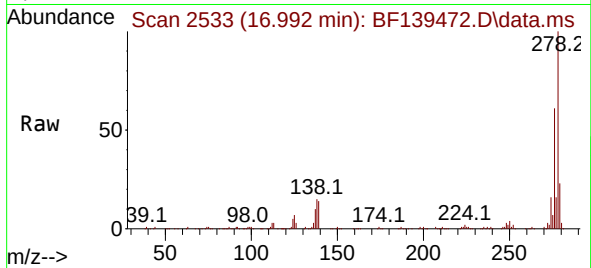
#91
Dibenzo(a,h)anthracene
Concen: 40.280 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MSD



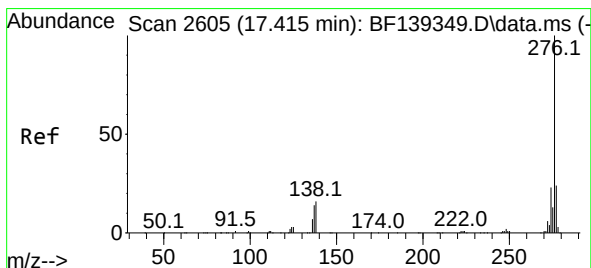
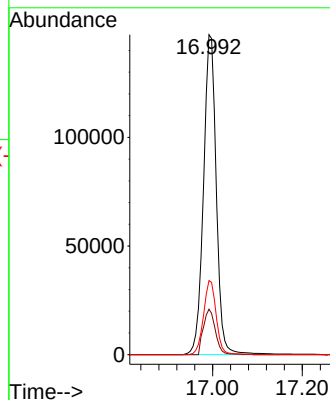
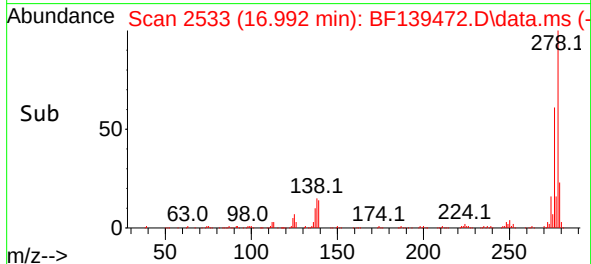
Tgt Ion:278 Resp: 29195
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.2
279 23.1 18.9 28.3

Manual Integrations

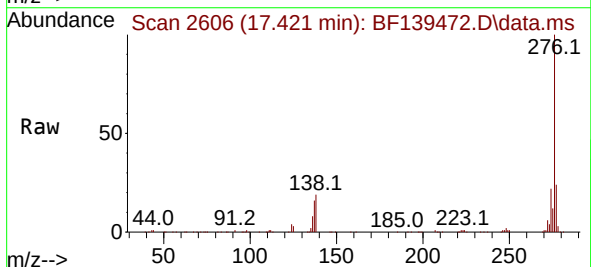
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 31.283 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139472.D
Acq: 19 Sep 2024 19:20



Tgt Ion:276 Resp: 224501
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.6 13.0 19.6

