

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139471.D
 Acq On : 19 Sep 2024 18:51
 Operator : RC/JU
 Sample : P4015-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17MS

Quant Time: Sep 20 01:36:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	92020	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	334915	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	175155	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	276894	20.000	ng	0.00
76) Chrysene-d12	14.033	240	134458	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	149953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	582213	103.216	ng	0.02
7) Phenol-d6	6.516	99	767933	103.721	ng	0.01
23) Nitrobenzene-d5	7.445	82	517635	72.660	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	174297	93.470	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	924983	74.066	ng	0.00
79) Terphenyl-d14	12.980	244	592791	72.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	98474	43.513	ng	96
3) Pyridine	3.516	79	243404	48.782	ng	98
4) n-Nitrosodimethylamine	3.481	42	185584	42.912	ng	87
6) Aniline	6.539	93	273484	48.946	ng	# 69
8) 2-Chlorophenol	6.663	128	278838	48.022	ng	100
9) Benzaldehyde	6.428	77	55248	12.916	ng	98
10) Phenol	6.528	94	360154	47.761	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	267551	46.682	ng	99
12) 1,3-Dichlorobenzene	6.822	146	292913	44.357	ng	99
13) 1,4-Dichlorobenzene	6.898	146	298345	44.709	ng	99
14) 1,2-Dichlorobenzene	7.051	146	285496	45.277	ng	98
15) Benzyl Alcohol	7.022	79	274845	46.529	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	492196	55.724	ng	94
17) 2-Methylphenol	7.134	107	223521	48.452	ng	98
18) Hexachloroethane	7.392	117	108829	42.817	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	216104	49.255	ng	99
20) 3+4-Methylphenols	7.286	107	285431	45.350	ng	93
22) Acetophenone	7.292	105	396365	45.270	ng	# 97
24) Nitrobenzene	7.463	77	324609	44.272	ng	99
25) Isophorone	7.698	82	569496	50.546	ng	99
26) 2-Nitrophenol	7.781	139	138437	48.462	ng	92
27) 2,4-Dimethylphenol	7.816	122	219344	58.211	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	330963	51.542	ng	97
29) 2,4-Dichlorophenol	8.022	162	225172	47.039	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	245648	44.042	ng	97
31) Naphthalene	8.186	128	808120	46.219	ng	99
32) Benzoic acid	7.939	122	139659	39.605	ng	93
33) 4-Chloroaniline	8.228	127	118322	22.121	ng	98
34) Hexachlorobutadiene	8.298	225	167071	44.090	ng	99
35) Caprolactam	8.610	113	64395m	43.731	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245646	44.901	ng	96
37) 2-Methylnaphthalene	8.875	142	520696	46.918	ng	99
38) 1-Methylnaphthalene	8.975	142	479065	43.969	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	247739	47.724	ng	99
41) Hexachlorocyclopentadiene	9.028	237	249308	137.550	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	164744	48.780	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139471.D
 Acq On : 19 Sep 2024 18:51
 Operator : RC/JU
 Sample : P4015-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-1-TANK17MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:36:51 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

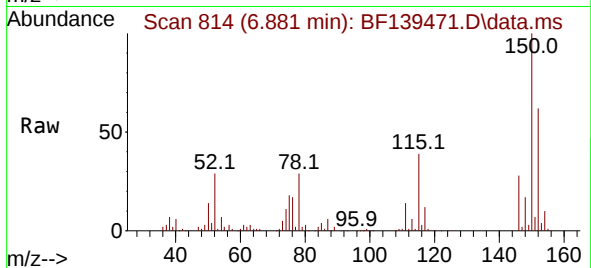
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	164895	46.287	ng	98
46) 1,1'-Biphenyl	9.339	154	639140	47.431	ng	100
47) 2-Chloronaphthalene	9.363	162	470933	46.741	ng	100
48) 2-Nitroaniline	9.457	65	173050	46.178	ng	99
49) Acenaphthylene	9.780	152	746985	49.253	ng	100
50) Dimethylphthalate	9.639	163	561152	48.812	ng	99
51) 2,6-Dinitrotoluene	9.704	165	117987	46.328	ng	93
52) Acenaphthene	9.951	154	523260	49.434	ng	100
53) 3-Nitroaniline	9.869	138	83982	32.996	ng	91
54) 2,4-Dinitrophenol	9.975	184	108746	76.630	ng	92
55) Dibenzofuran	10.122	168	678721	46.004	ng	96
56) 4-Nitrophenol	10.033	139	172763	82.033	ng	85
57) 2,4-Dinitrotoluene	10.104	165	151510	44.065	ng	99
58) Fluorene	10.463	166	522949	43.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134306	45.575	ng	95
60) Diethylphthalate	10.339	149	563239	47.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	262089	44.800	ng	96
62) 4-Nitroaniline	10.486	138	106364	38.291	ng	92
63) Azobenzene	10.616	77	581243	49.813	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	68642	46.970	ng	98
66) n-Nitrosodiphenylamine	10.574	169	448703	55.427	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	149480	54.476	ng	98
68) Hexachlorobenzene	11.010	284	158198	49.124	ng	99
69) Atrazine	11.098	200	134554	69.816	ng	99
70) Pentachlorophenol	11.204	266	166577	86.204	ng	99
71) Phenanthrene	11.427	178	645622	48.329	ng	100
72) Anthracene	11.474	178	654454	50.106	ng	99
73) Carbazole	11.627	167	557947	44.632	ng	99
74) Di-n-butylphthalate	11.957	149	725668	52.110	ng	100
75) Fluoranthene	12.610	202	548061	38.417	ng	98
77) Benzidine	12.733	184	162311	84.257	ng	100
78) Pyrene	12.839	202	531500	46.037	ng	100
80) Butylbenzylphthalate	13.457	149	206718	52.604	ng	96
81) Benzo(a)anthracene	14.021	228	451960	50.745	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	116564	44.690	ng	99
83) Chrysene	14.063	228	401424	48.990	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	267037	53.417	ng	100
85) Di-n-octyl phthalate	14.621	149	460159	62.503	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	340785	38.219	ng	97
88) Benzo(b)fluoranthene	15.074	252	476990	51.577	ng	99
89) Benzo(k)fluoranthene	15.104	252	374728	43.946	ng	99
90) Benzo(a)pyrene	15.445	252	404392	52.724	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	288625	39.173	ng	99
92) Benzo(g,h,i)perylene	17.421	276	218688	29.977	ng	98

(#) = 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: BF139471.D
Acq: 19 Sep 2024 18:51

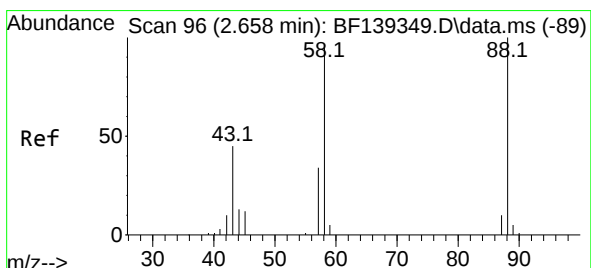
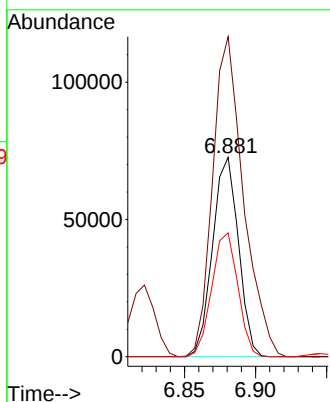
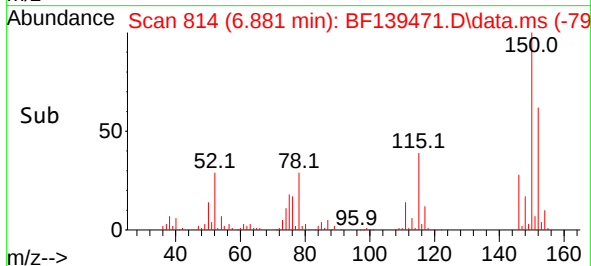
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:152 Resp: 92020
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 62.1 48.1 72.1

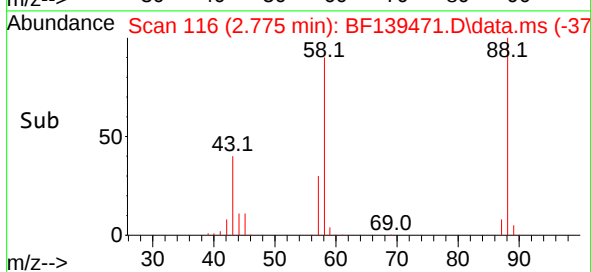
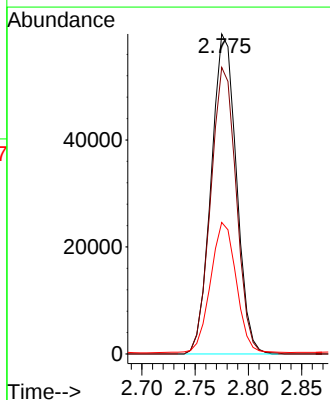
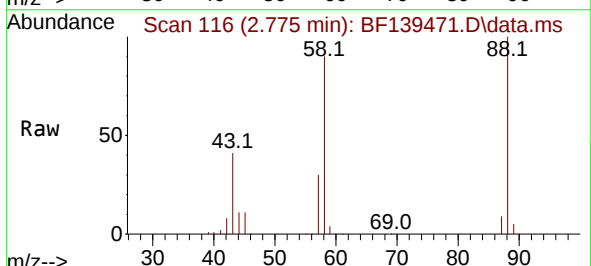
Manual Integrations
APPROVED

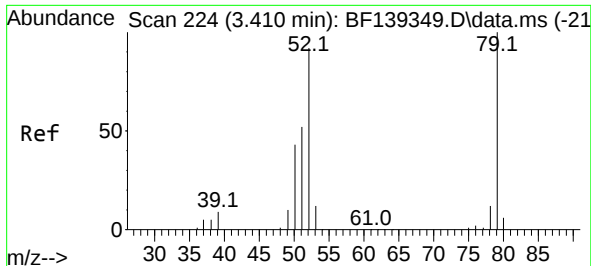
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 43.513 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.117 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion: 88 Resp: 98474
Ion Ratio Lower Upper
88 100
58 90.7 74.8 112.2
43 41.7 36.4 54.6





#3

Pyridine

Concen: 48.782 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.106 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

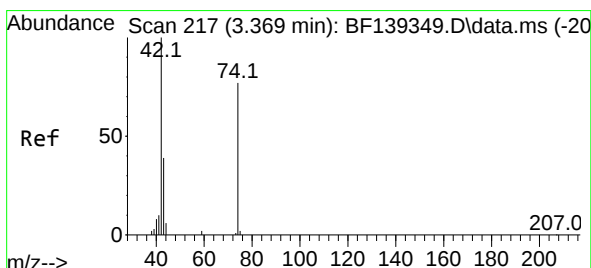
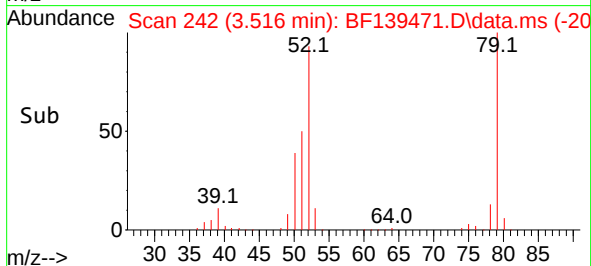
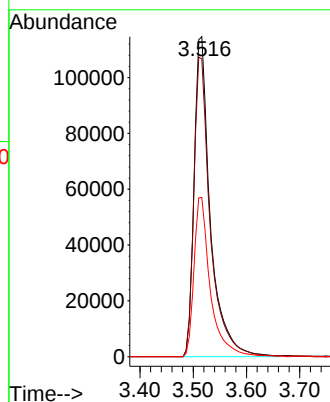
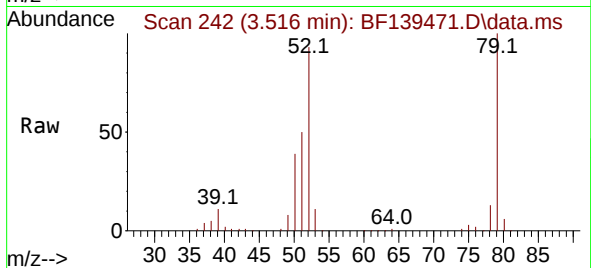
Tgt Ion:	79	Resp:	24340
Ion	Ratio	Lower	Upper
79	100		
52	93.0	73.8	110.8
51	49.7	41.8	62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 42.912 ng

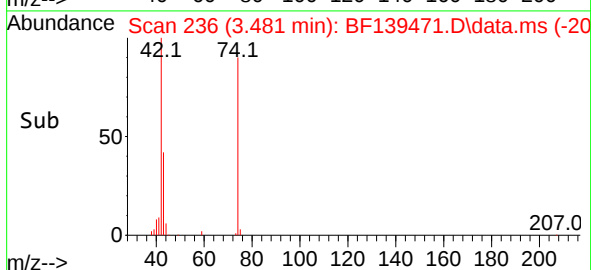
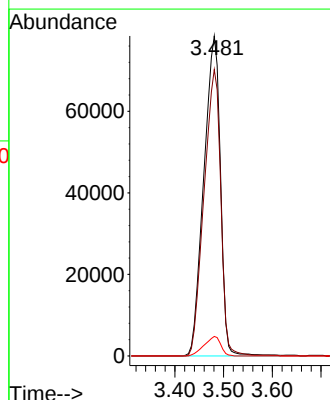
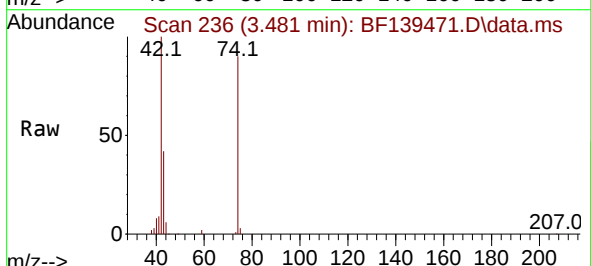
RT: 3.481 min Scan# 236

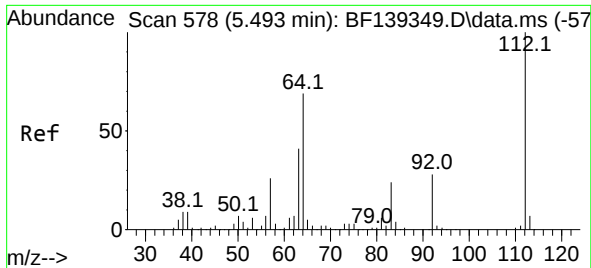
Delta R.T. 0.112 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:	42	Resp:	185584
Ion	Ratio	Lower	Upper
42	100		
74	89.5	61.8	92.8
44	6.1	4.8	7.2





#5
2-Fluorophenol
Concen: 103.216 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

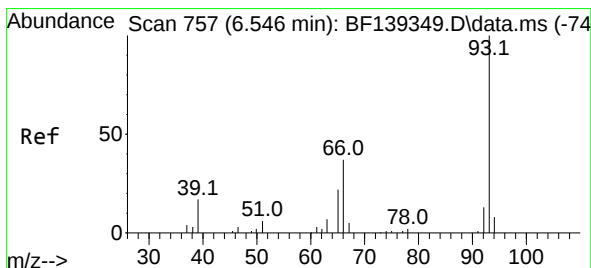
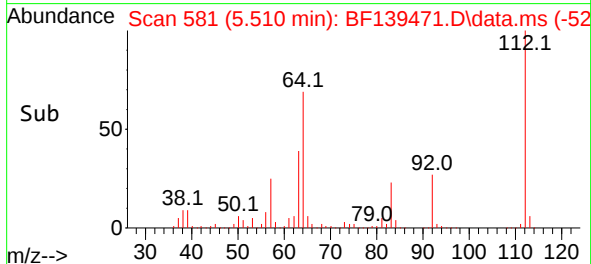
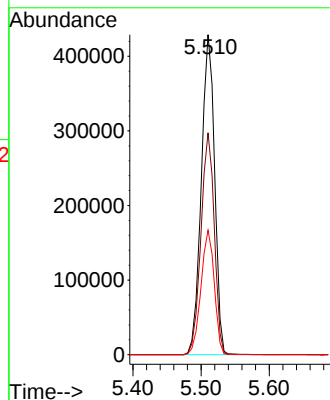
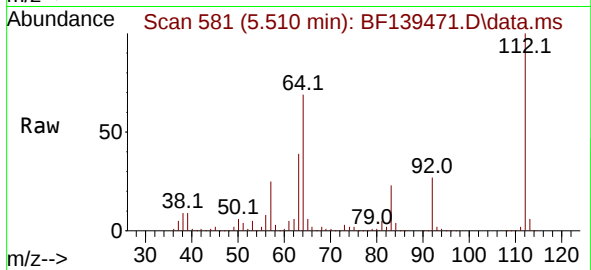
SW-1-TANK17MS

Tgt Ion:112 Resp: 58221
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 38.9 33.0 49.4

Manual Integrations

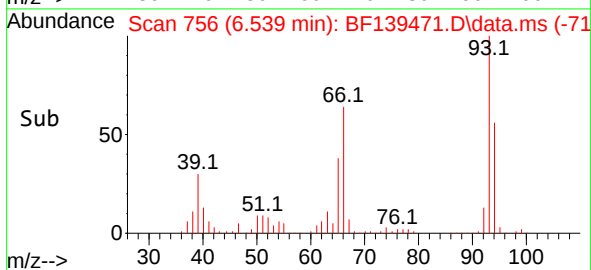
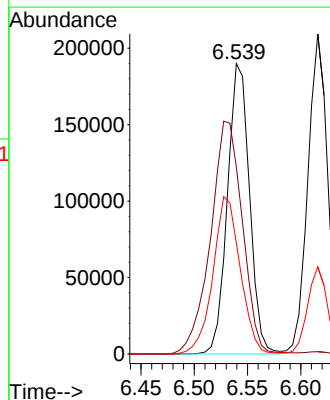
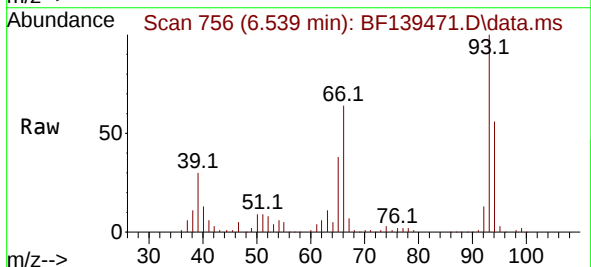
APPROVED

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



#6
Aniline
Concen: 48.946 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

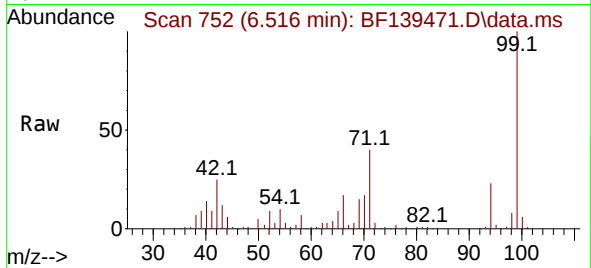
Tgt Ion: 93 Resp: 273484
Ion Ratio Lower Upper
93 100
66 64.4 35.4 53.0#
65 38.2 18.2 27.4#





#7
Phenol-d6
Concen: 103.721 ng
RT: 6.516 min Scan# 750
Delta R.T. 0.012 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

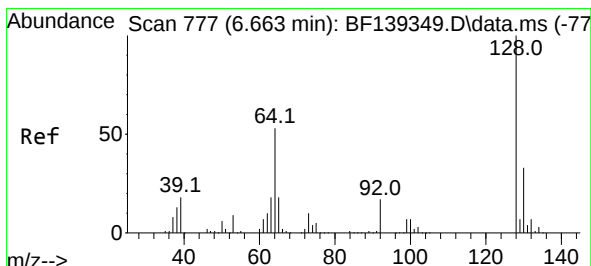
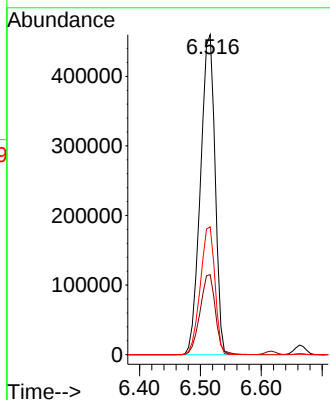
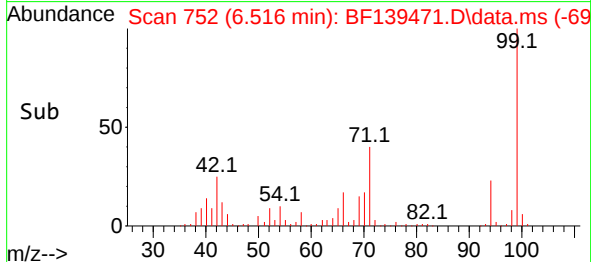
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion: 99 Resp: 76793
Ion Ratio Lower Upper
99 100
42 25.0 21.9 32.9
71 40.0 34.6 52.0

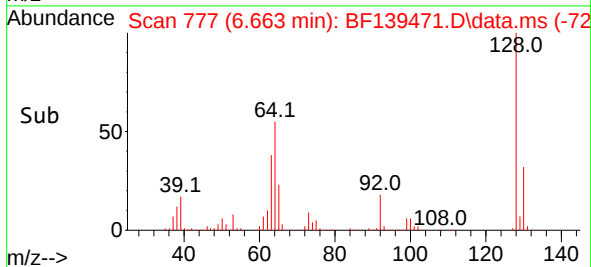
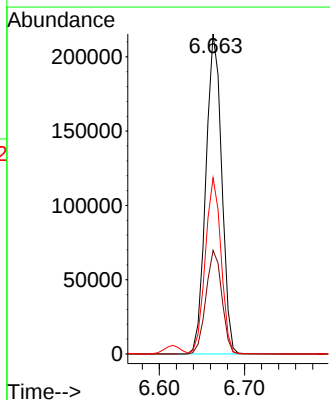
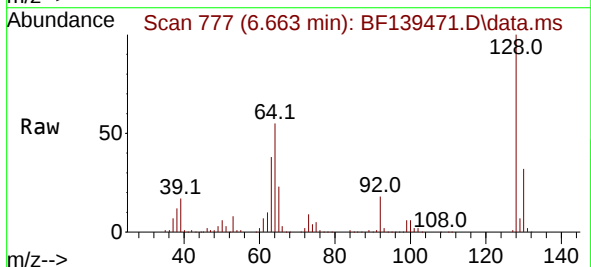
Manual Integrations
APPROVED

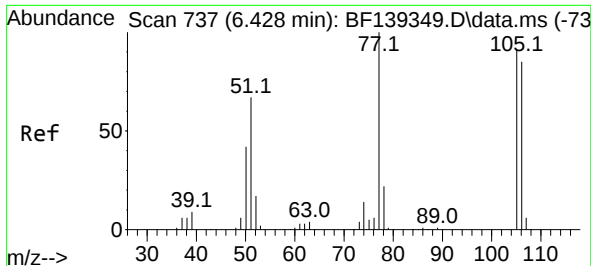
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 48.022 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

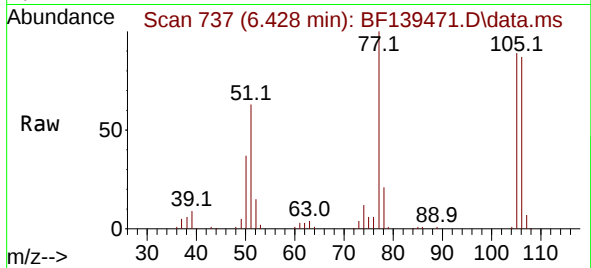
Tgt Ion:128 Resp: 278838
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 55.1 35.1 75.1





#9
Benzaldehyde
Concen: 12.916 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

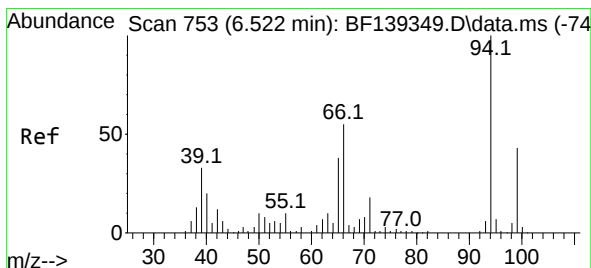
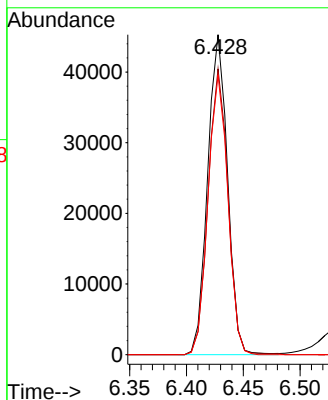
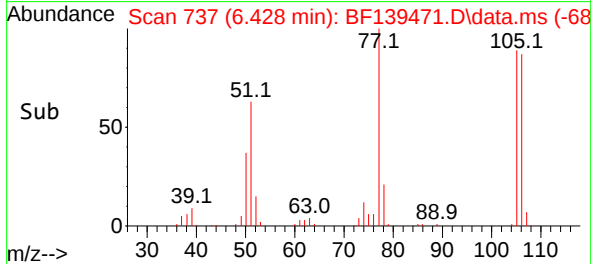
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion: 77 Resp: 55248
Ion Ratio Lower Upper
77 100
105 89.3 71.0 111.0
106 87.3 64.9 104.9

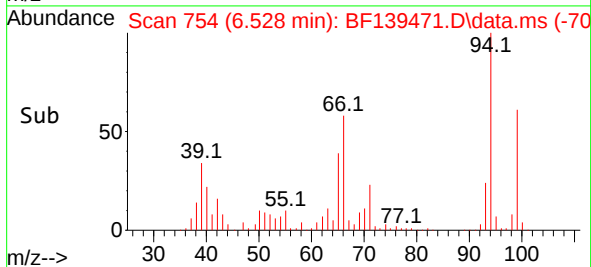
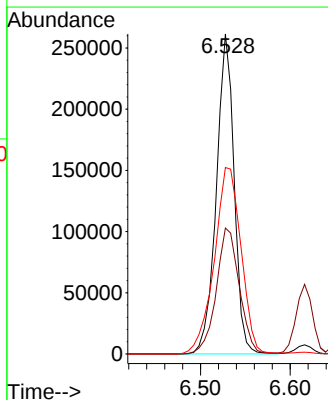
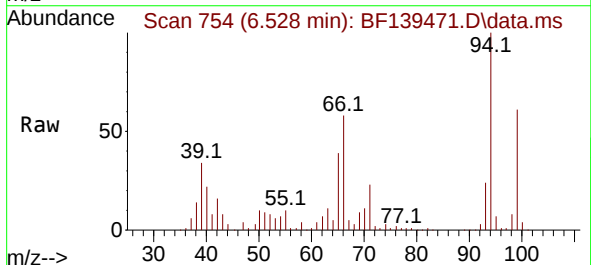
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 47.761 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

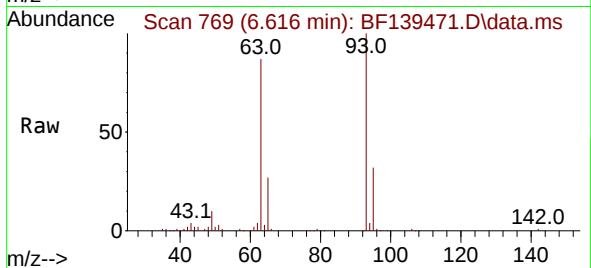
Tgt Ion: 94 Resp: 360154
Ion Ratio Lower Upper
94 100
65 39.3 17.6 57.6
66 58.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 46.682 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

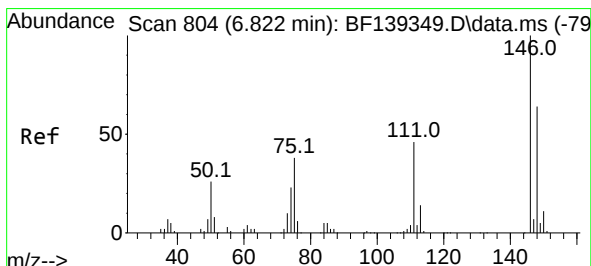
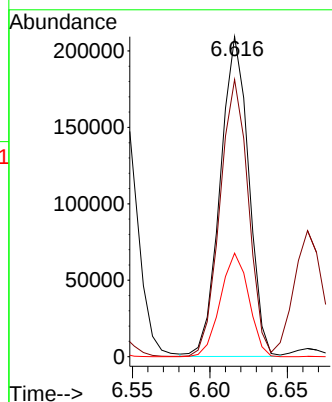
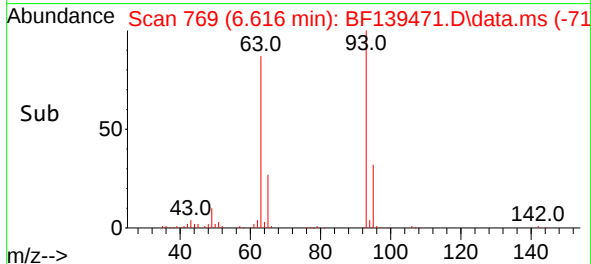
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



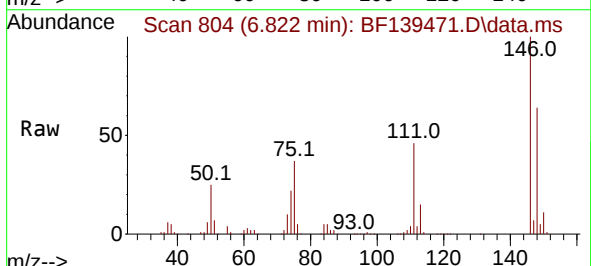
Tgt Ion: 93 Resp: 26755
Ion Ratio Lower Upper
93 100
63 86.6 65.3 105.3
95 32.3 12.4 52.4

Manual Integrations
APPROVED

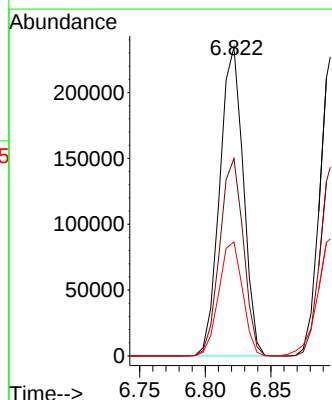
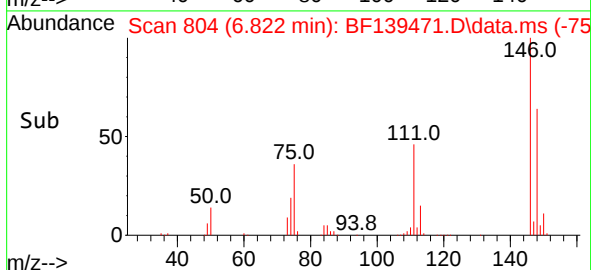
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 44.357 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



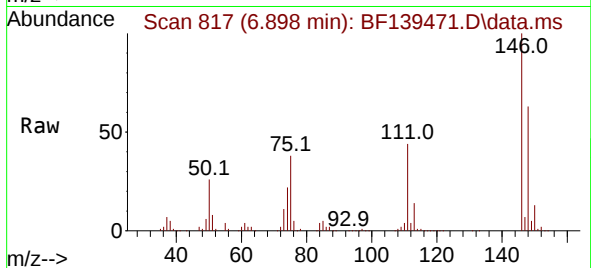
Tgt Ion:146 Resp: 292913
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 36.9 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 44.709 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

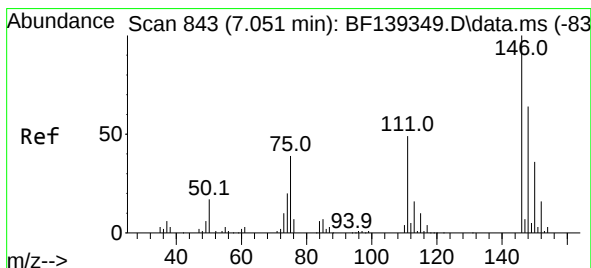
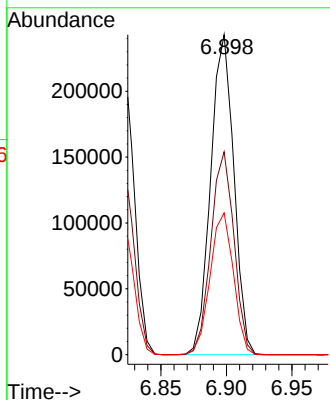
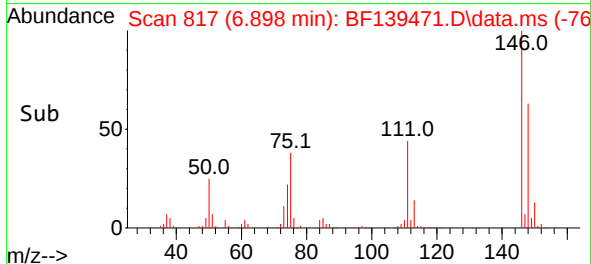
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:146 Resp: 298349
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 44.3 36.3 54.5

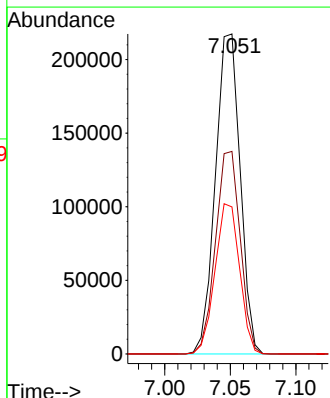
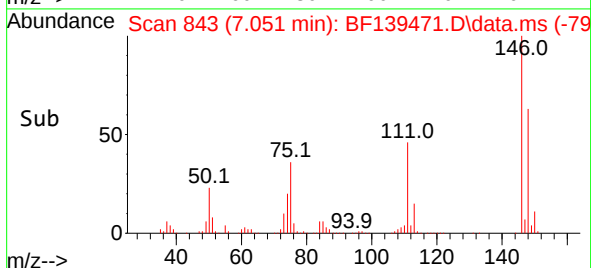
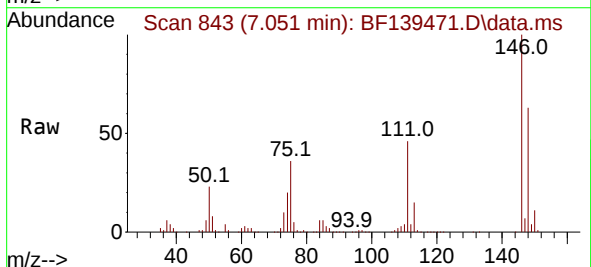
Manual Integrations
APPROVED

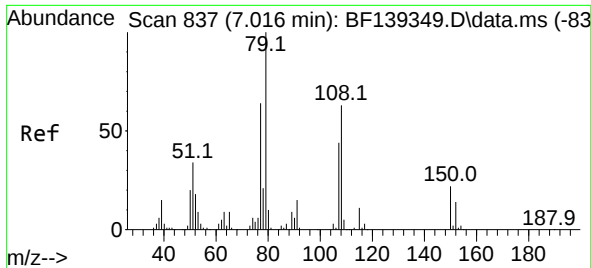
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 45.277 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:146 Resp: 285496
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 46.0 38.9 58.3





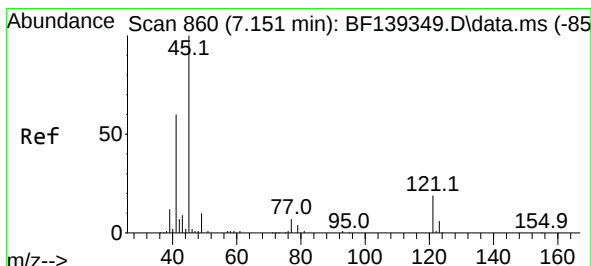
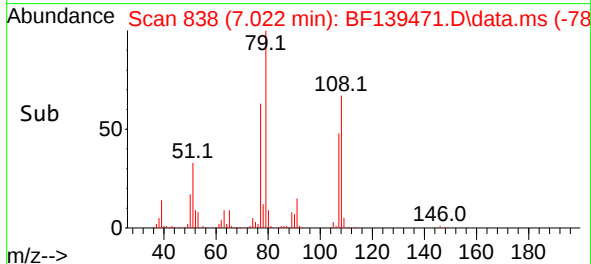
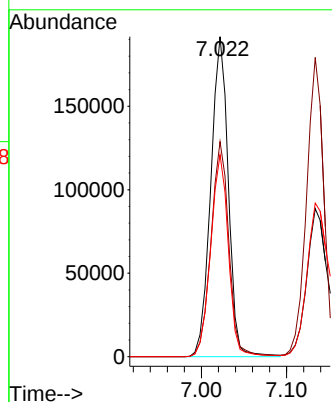
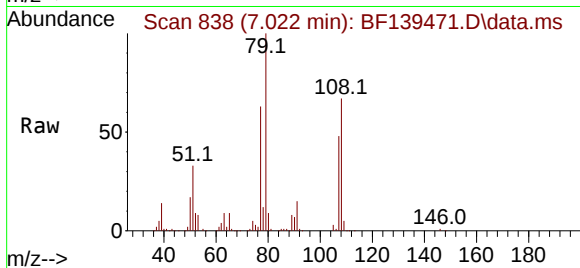
#15
Benzyl Alcohol
Concen: 46.529 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS

Tgt Ion: 79 Resp: 27484
Ion Ratio Lower Upper
79 100
108 67.2 50.4 75.6
77 63.1 51.4 77.2

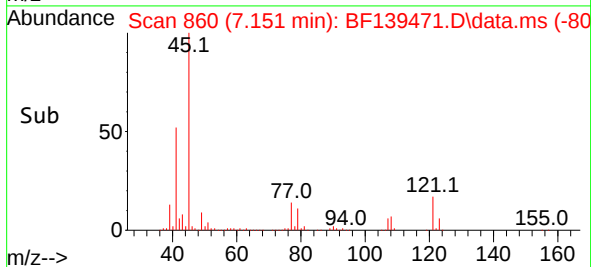
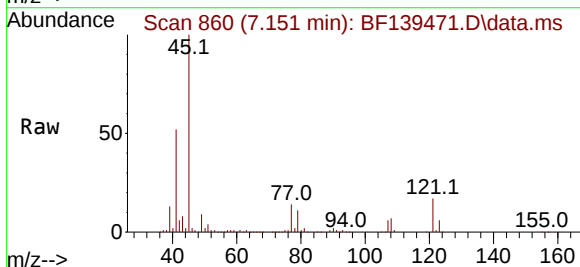
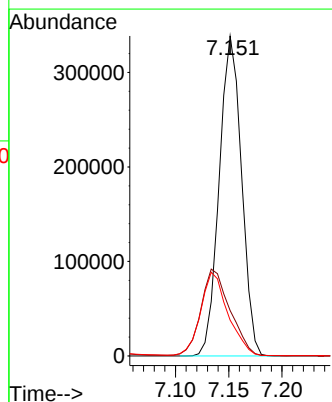
Manual Integrations
APPROVED

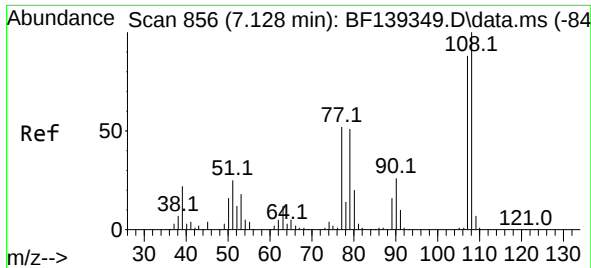
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.724 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

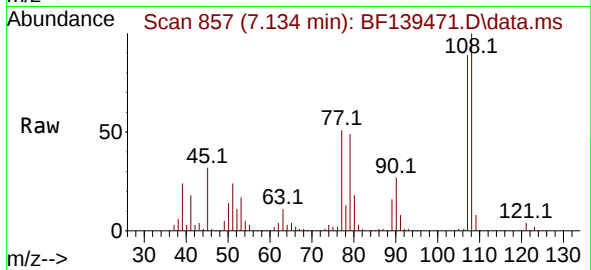
Tgt Ion: 45 Resp: 492196
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.0
79 11.2 0.0 29.1





#17
2-Methylphenol
Concen: 48.452 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

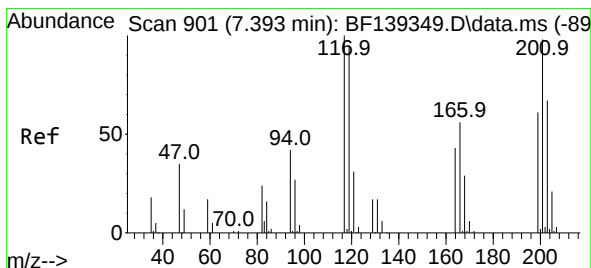
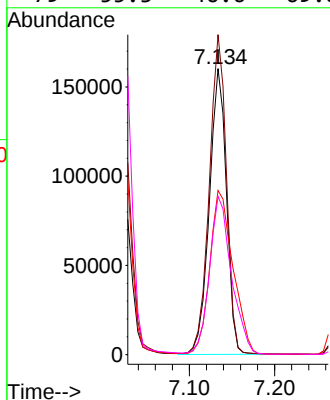
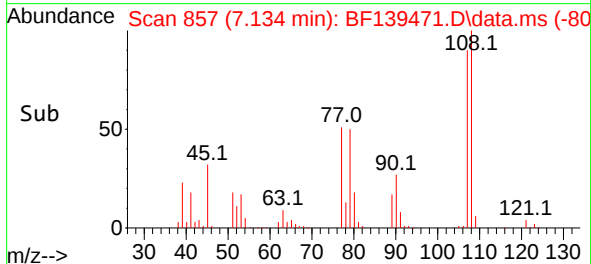
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:107 Resp: 22352
Ion Ratio Lower Upper
107 100
108 111.9 90.5 135.7
77 57.4 47.1 70.7
79 55.3 46.6 69.8

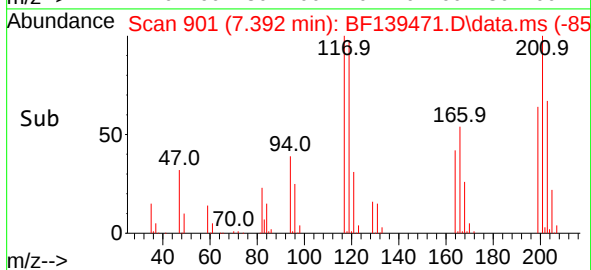
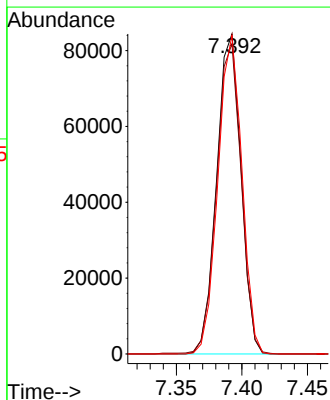
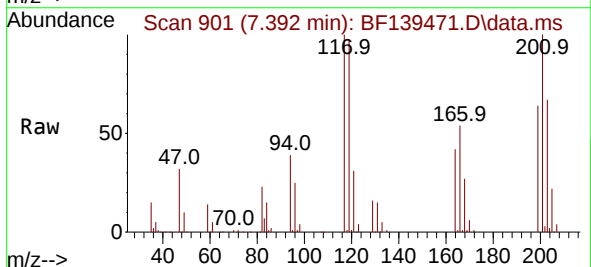
Manual Integrations
APPROVED

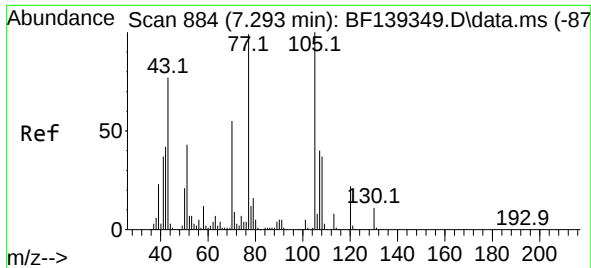
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 42.817 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:117 Resp: 108829
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 99.6 78.6 118.0





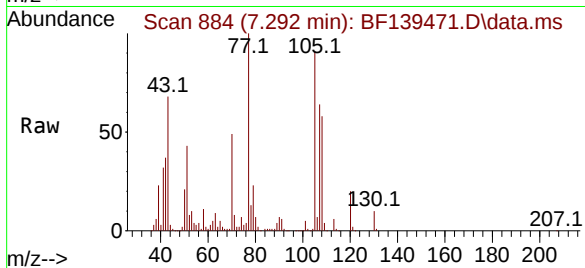
#19
n-Nitroso-di-n-propylamine
Concen: 49.255 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



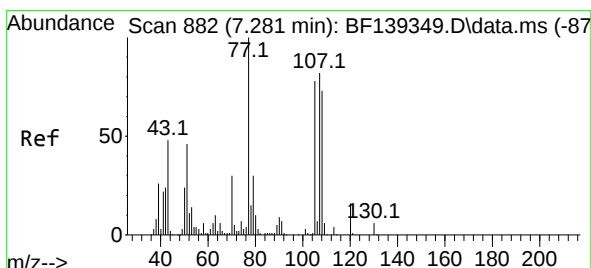
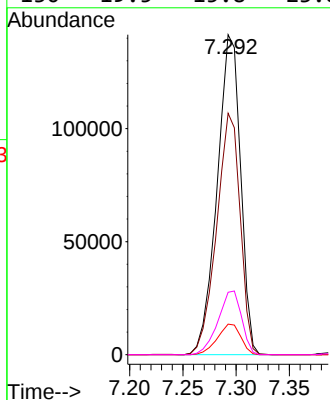
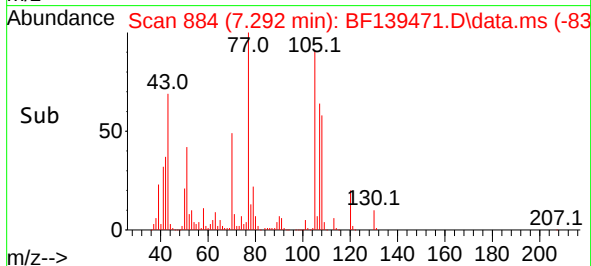
Tgt Ion: 70 Resp: 216104
Ion Ratio Lower Upper
70 100
42 75.5 61.2 91.8
101 9.5 7.5 11.3
130 19.5 15.8 23.8

Manual Integrations

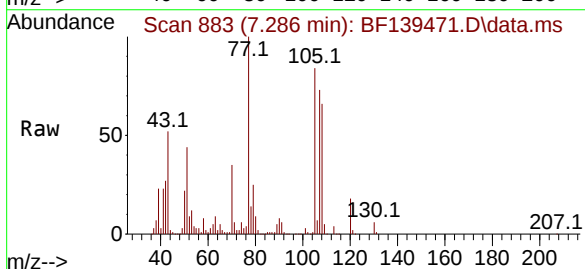
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

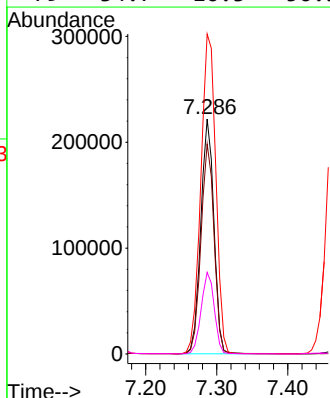
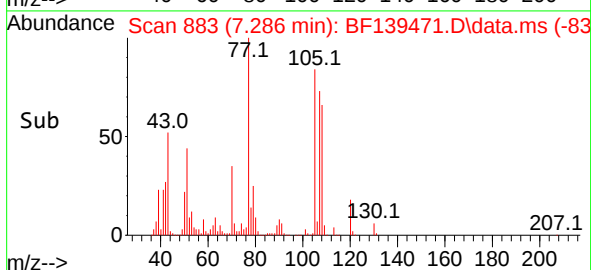
Supervised By :mohammad ahmed 09/22/2024

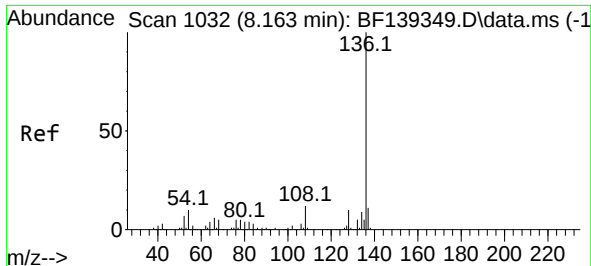


#20
3+4-Methylphenols
Concen: 45.350 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



Tgt Ion:107 Resp: 285431
Ion Ratio Lower Upper
107 100
108 89.5 68.6 108.6
77 136.3 101.6 141.6
79 34.7 16.3 56.3





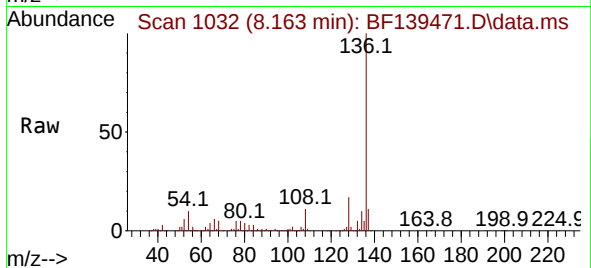
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



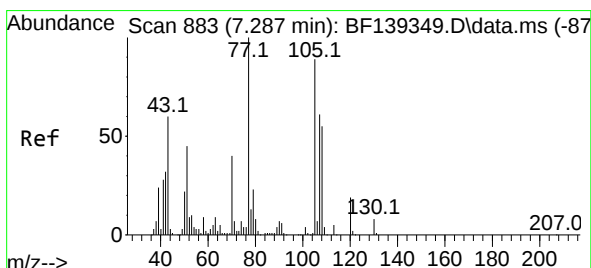
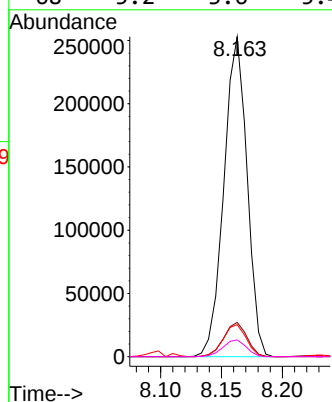
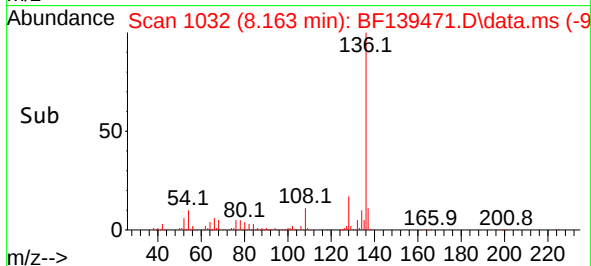
Tgt Ion:136 Resp: 334915
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 7.8 11.8
68 5.2 3.6 5.4

Manual Integrations

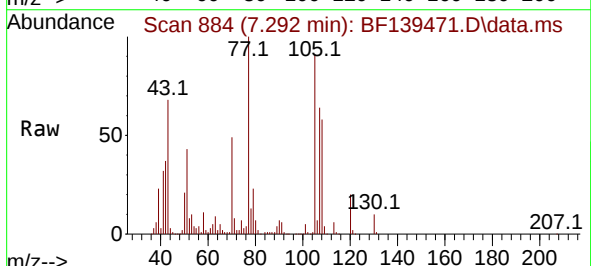
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

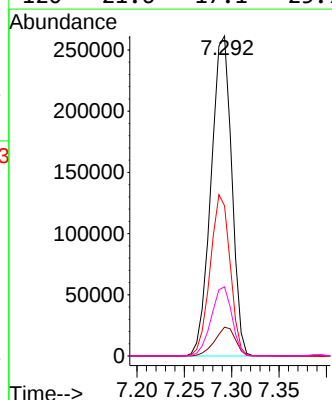
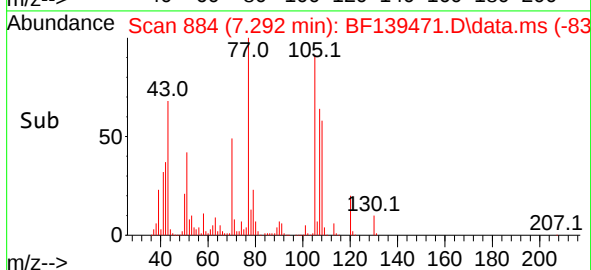
Supervised By :mohammad ahmed 09/22/2024

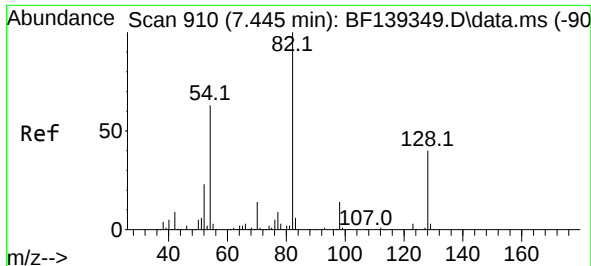


#22
Acetophenone
Concen: 45.270 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



Tgt Ion:105 Resp: 396365
Ion Ratio Lower Upper
105 100
71 9.0 5.9 8.9#
51 46.9 40.0 60.0
120 21.6 17.1 25.7





#23
Nitrobenzene-d5
Concen: 72.660 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

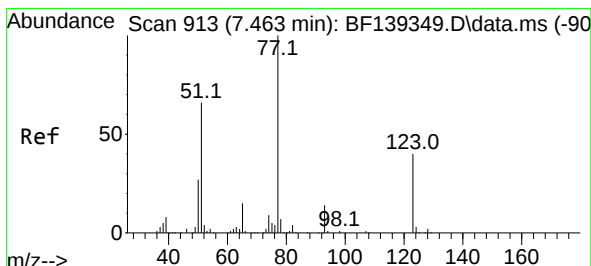
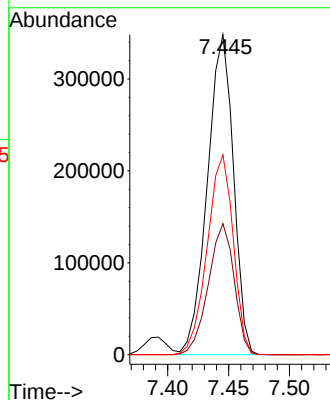
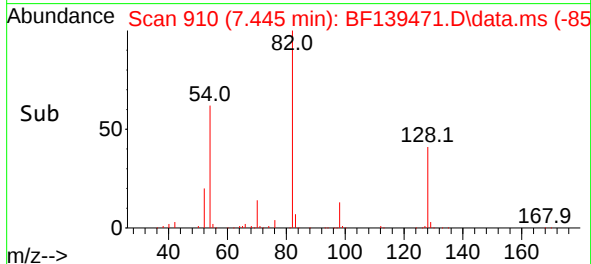
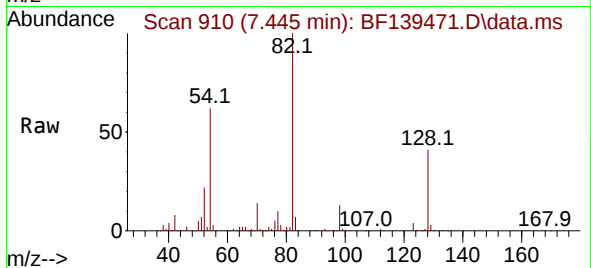
ClientSampleId :

SW-1-TANK17MS

Tgt Ion: 82 Resp: 51763
Ion Ratio Lower Upper
82 100
128 41.0 31.8 47.6
54 62.4 50.6 75.8

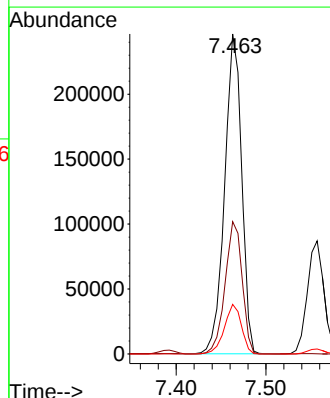
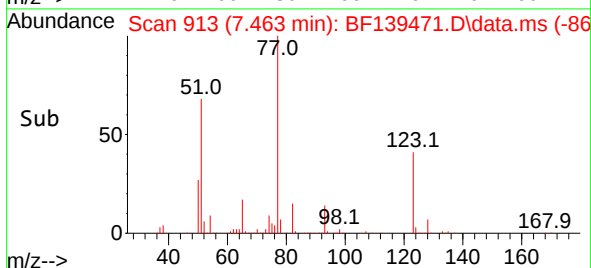
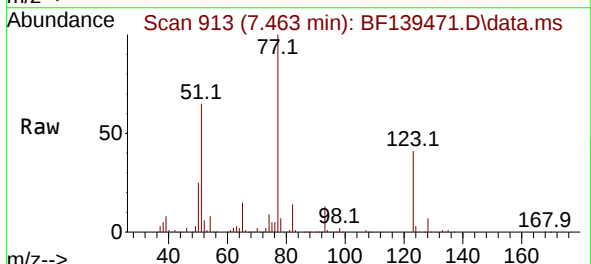
Manual Integrations
APPROVED

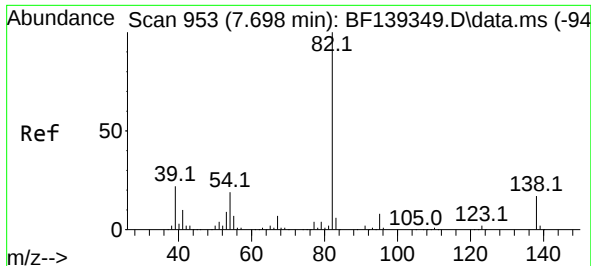
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 44.272 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion: 77 Resp: 324609
Ion Ratio Lower Upper
77 100
123 41.4 32.2 48.4
65 15.5 12.2 18.4





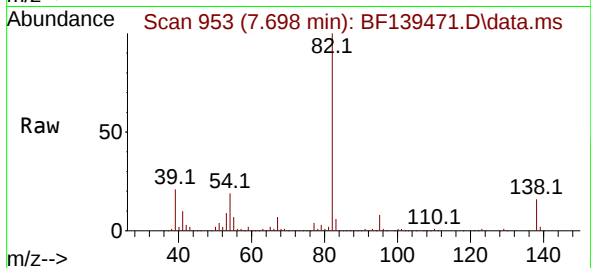
#25
Isophorone
Concen: 50.546 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



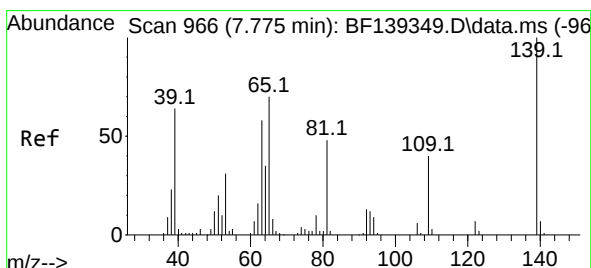
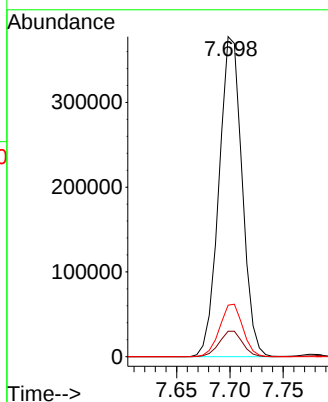
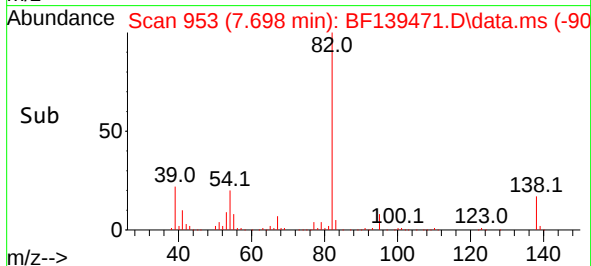
Tgt Ion: 82 Resp: 569490
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.1 13.3 19.9

Manual Integrations

APPROVED

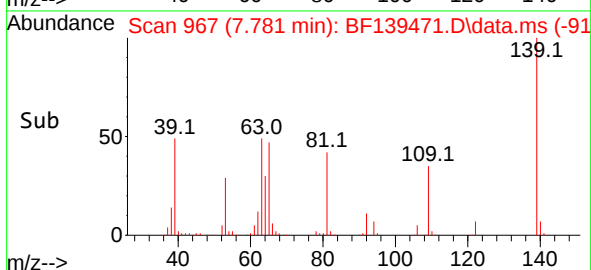
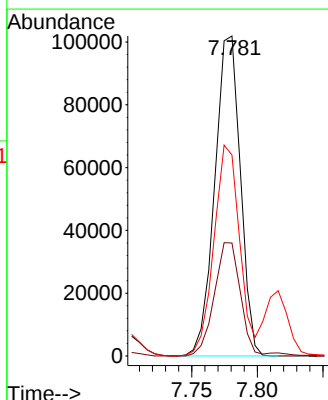
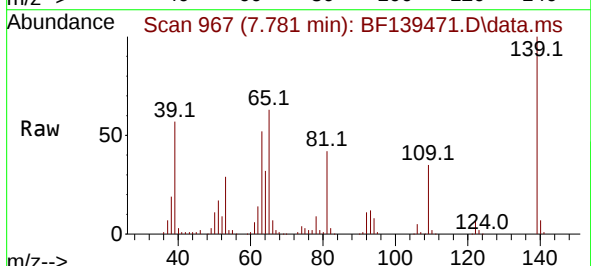
Reviewed By :Yogesh Patel 09/21/2024

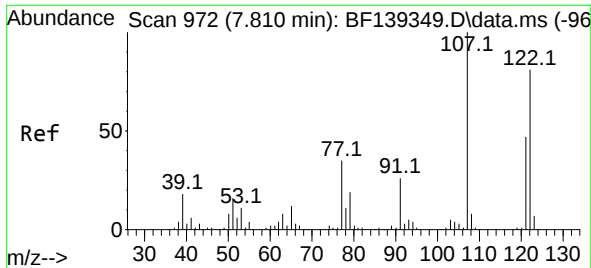
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 48.462 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:139 Resp: 138437
Ion Ratio Lower Upper
139 100
109 35.3 32.2 48.2
65 62.8 55.8 83.8





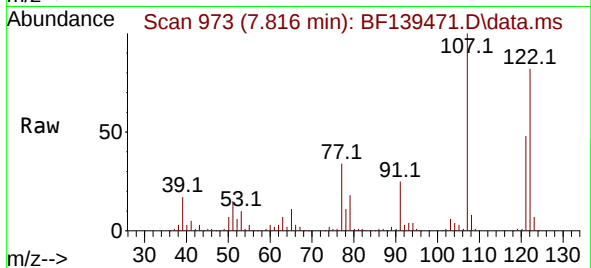
#27
2,4-Dimethylphenol
Concen: 58.211 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



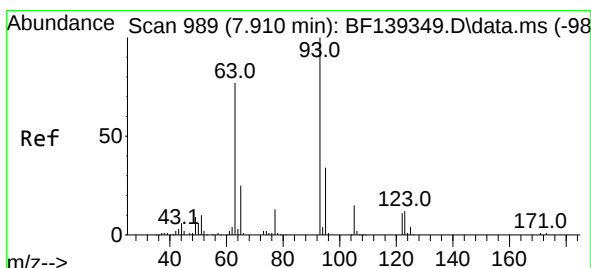
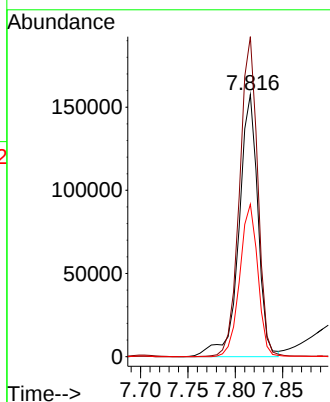
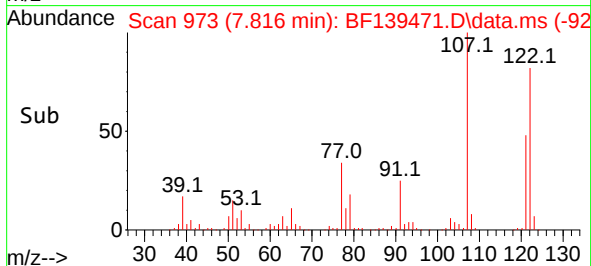
Tgt Ion:122 Resp: 219344
Ion Ratio Lower Upper
122 100
107 122.1 99.1 148.7
121 58.2 46.6 70.0

Manual Integrations

APPROVED

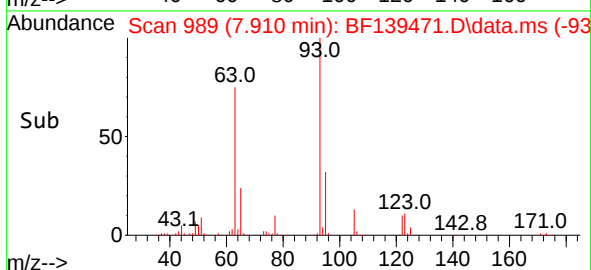
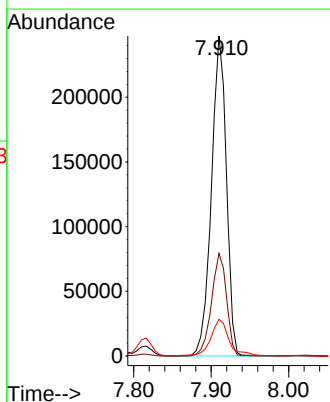
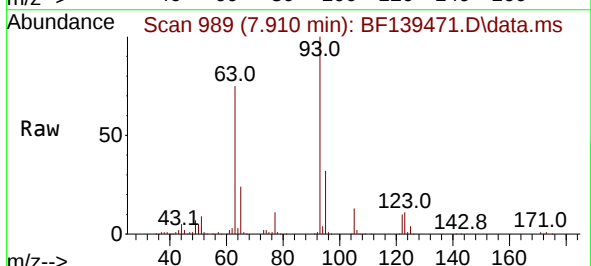
Reviewed By :Yogesh Patel 09/21/2024

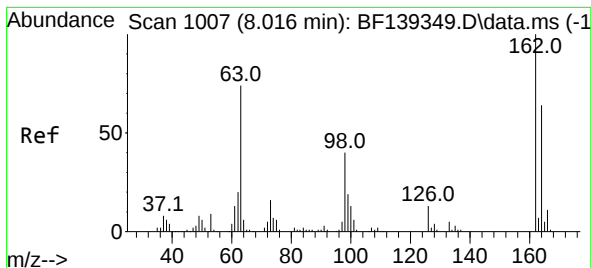
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.542 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

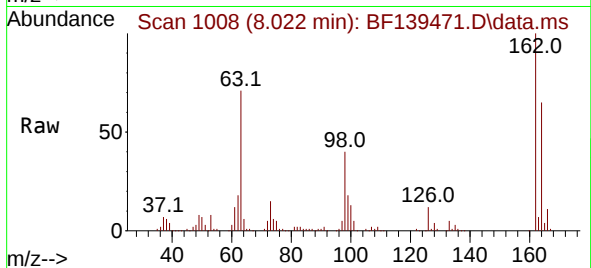
Tgt Ion: 93 Resp: 330963
Ion Ratio Lower Upper
93 100
95 32.1 26.9 40.3
123 11.5 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 47.039 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

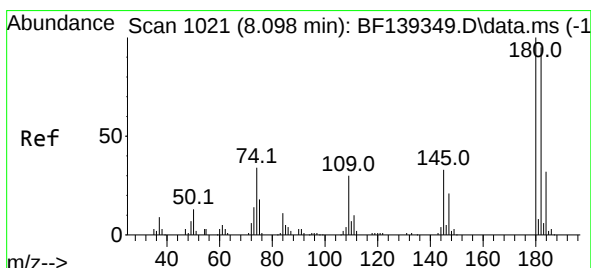
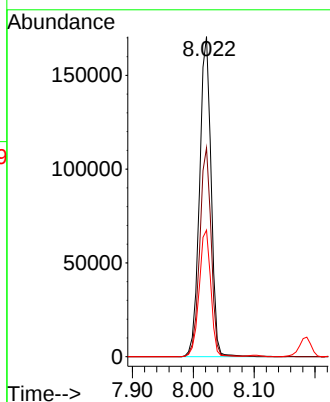
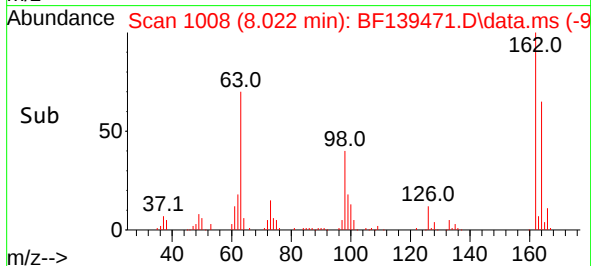
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:162 Resp: 225172
Ion Ratio Lower Upper
162 100
164 65.2 43.6 83.6
98 39.5 19.7 59.7

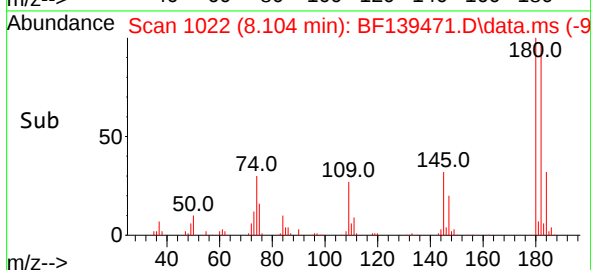
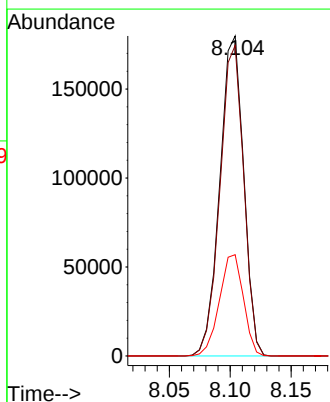
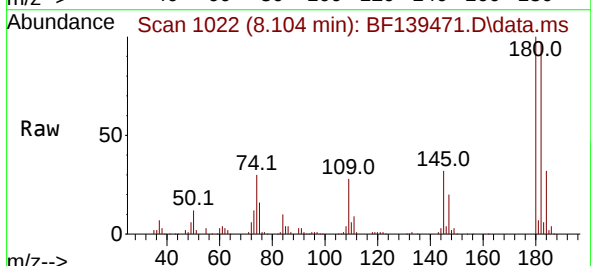
Manual Integrations
APPROVED

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



#30
1,2,4-Trichlorobenzene
Concen: 44.042 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:180 Resp: 245648
Ion Ratio Lower Upper
180 100
182 97.0 75.7 113.5
145 31.6 26.5 39.7





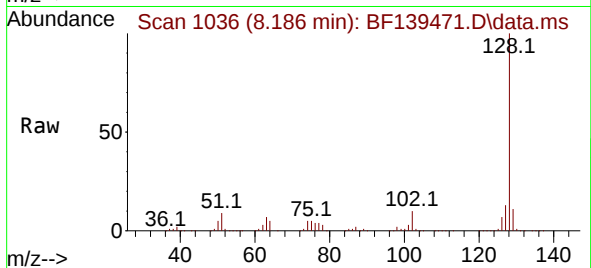
#31
Naphthalene
Concen: 46.219 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



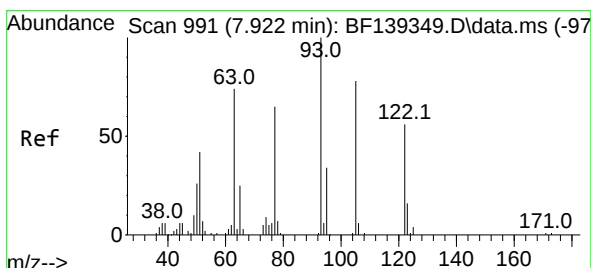
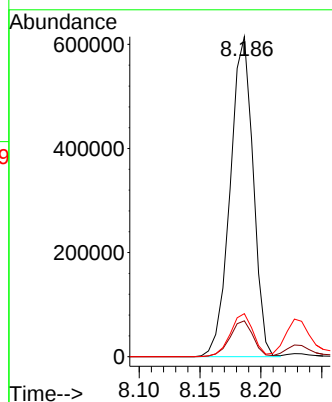
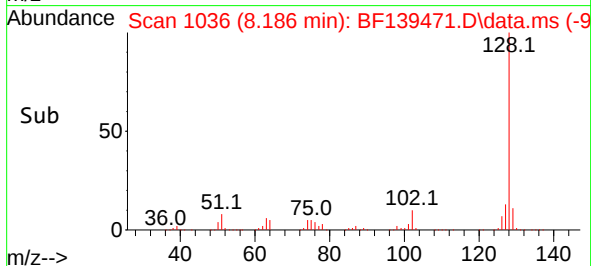
Tgt Ion:128 Resp: 808120
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.6 16.0

Manual Integrations

APPROVED

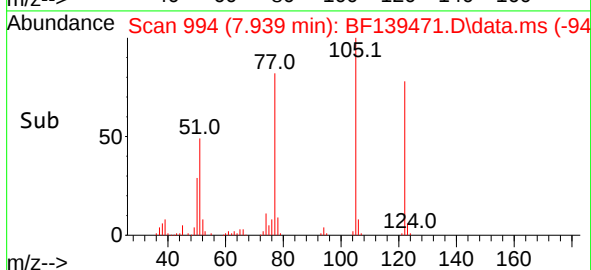
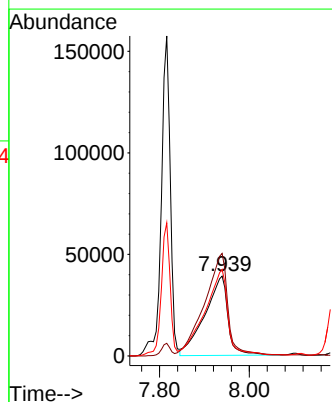
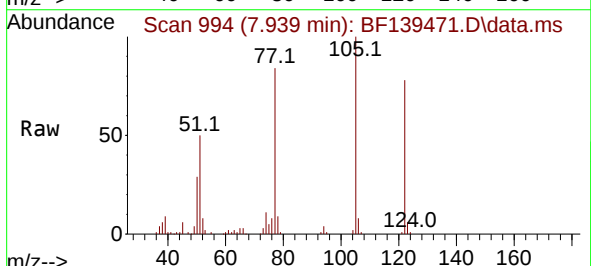
Reviewed By :Yogesh Patel 09/21/2024

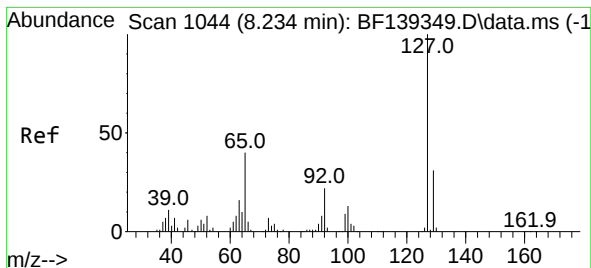
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 39.605 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:122 Resp: 139659
Ion Ratio Lower Upper
122 100
105 128.6 117.1 157.1
77 108.6 95.4 135.4





#33
4-Chloroaniline
Concen: 22.121 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

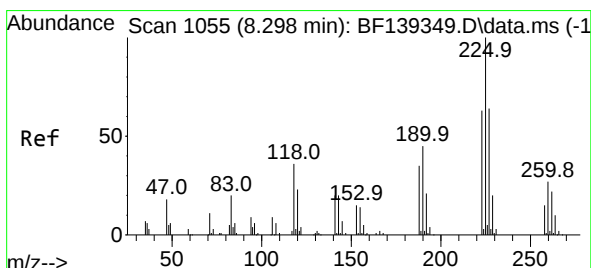
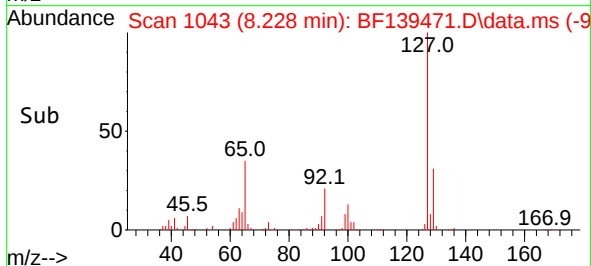
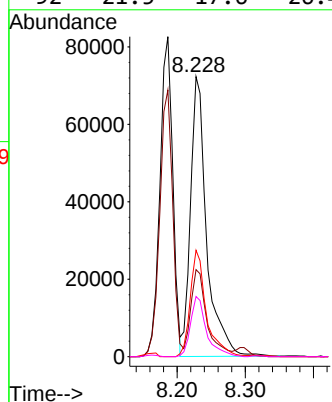
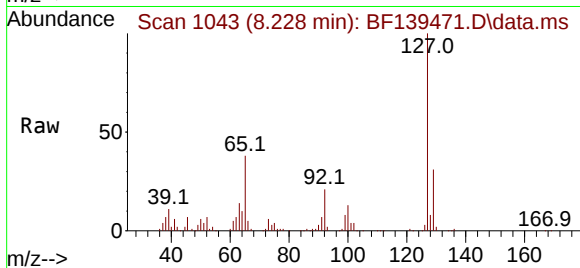
SW-1-TANK17MS

Tgt Ion:127 Resp: 11832
Ion Ratio Lower Upper
127 100
129 31.1 25.5 38.3
65 38.0 31.5 47.3
92 21.5 17.6 26.4

Manual Integrations

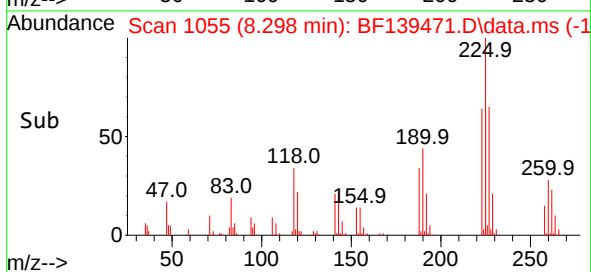
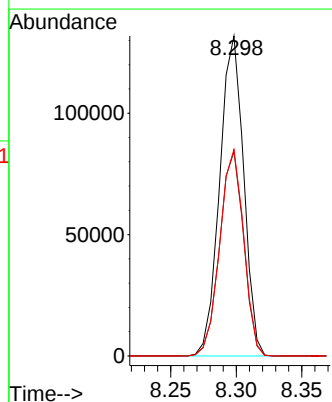
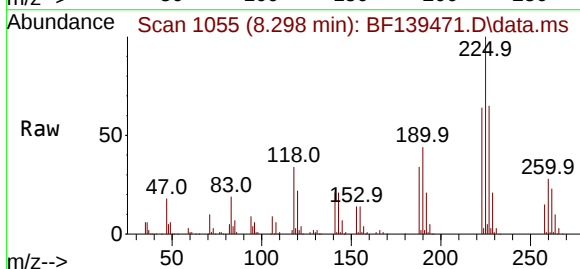
APPROVED

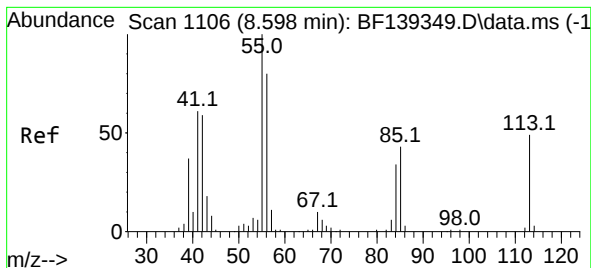
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 44.090 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:225 Resp: 167071
Ion Ratio Lower Upper
225 100
223 63.8 50.1 75.1
227 64.5 51.0 76.6





#35

Caprolactam

Concen: 43.731 ng m

RT: 8.610 min Scan# 1108

Delta R.T. 0.012 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:113 Resp: 6439

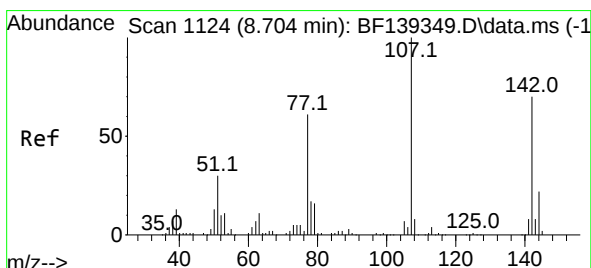
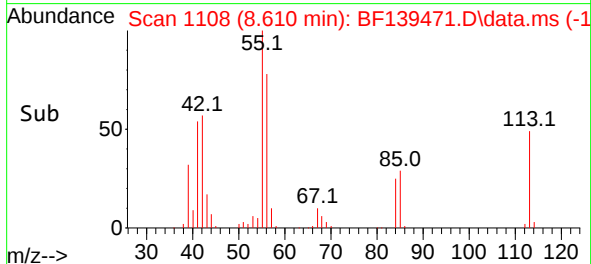
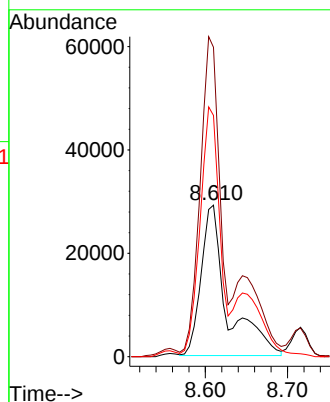
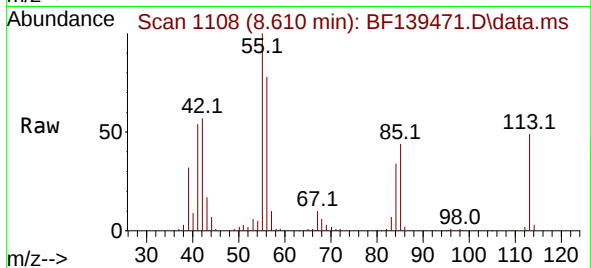
Ion	Ratio	Lower	Upper
113	100		
55	204.3	186.1	226.1
56	159.3	144.9	184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 44.901 ng

RT: 8.716 min Scan# 1126

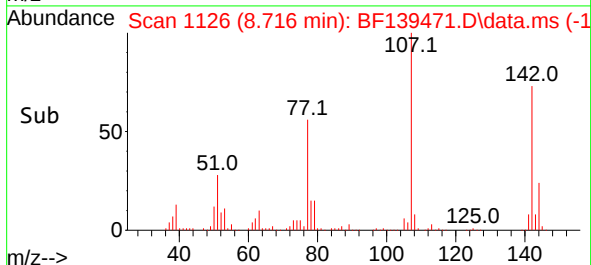
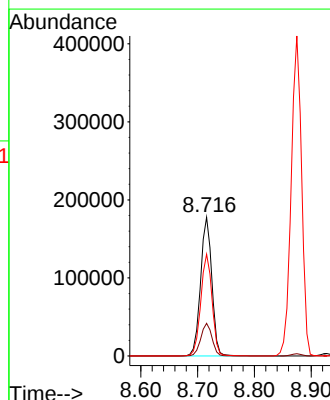
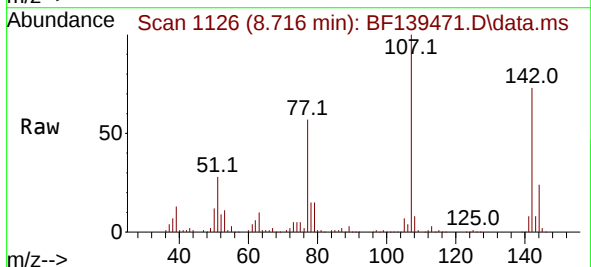
Delta R.T. 0.012 min

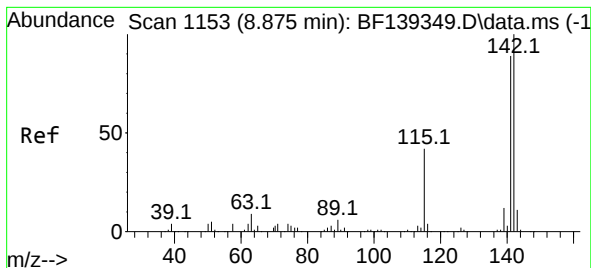
Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:107 Resp: 245646

Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.5	26.3
142	73.4	55.8	83.8





#37

2-Methylnaphthalene

Concen: 46.918 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:142 Resp: 520690

Ion Ratio Lower Upper

142 100

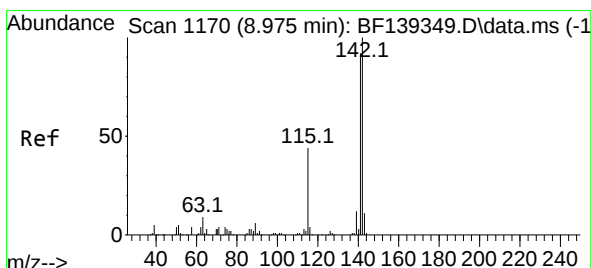
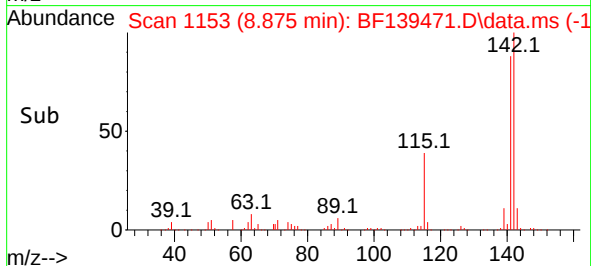
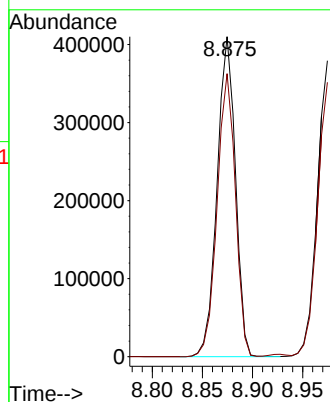
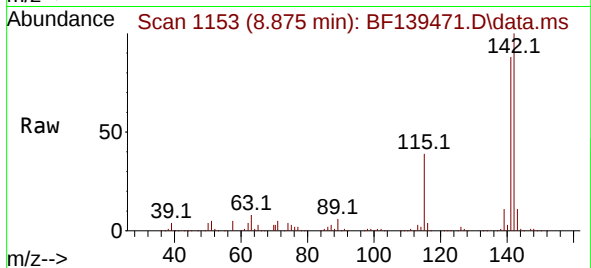
141 88.5 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 43.969 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139471.D

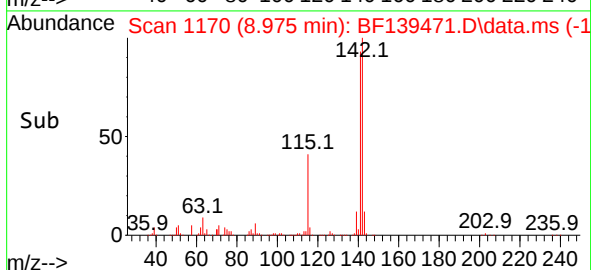
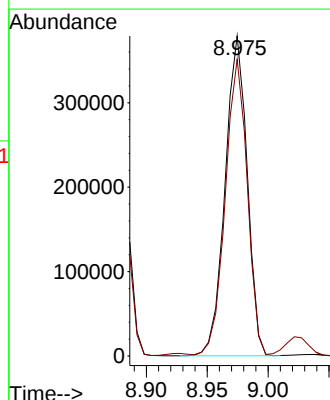
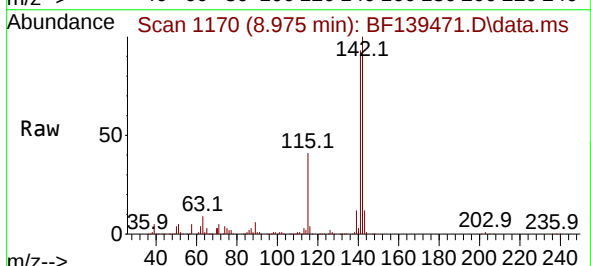
Acq: 19 Sep 2024 18:51

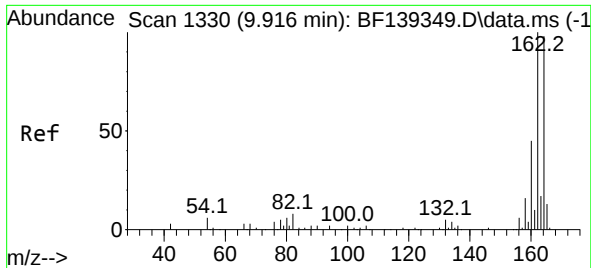
Tgt Ion:142 Resp: 479065

Ion Ratio Lower Upper

142 100

141 92.7 73.2 109.8





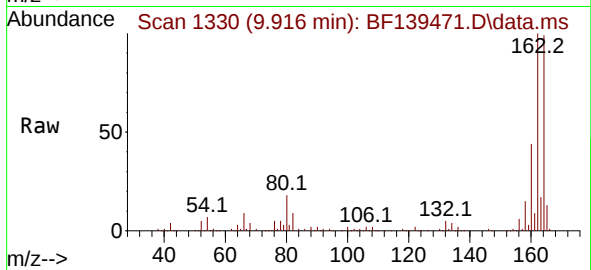
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



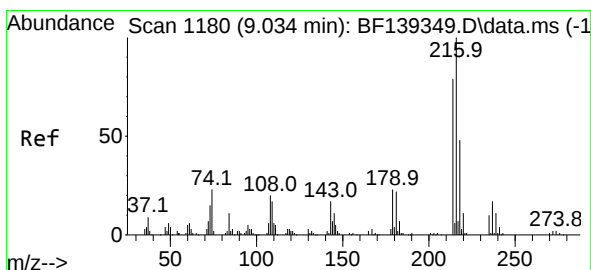
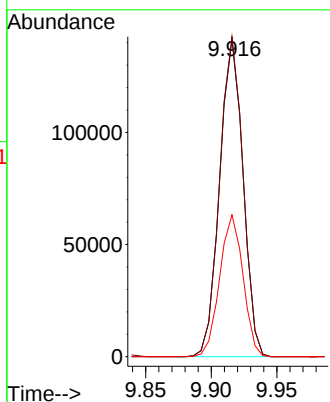
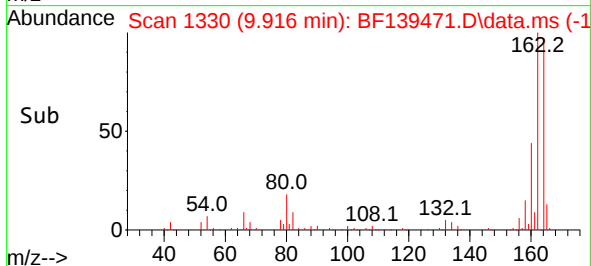
Tgt Ion:164 Resp: 175158
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.7 36.4 54.6

Manual Integrations

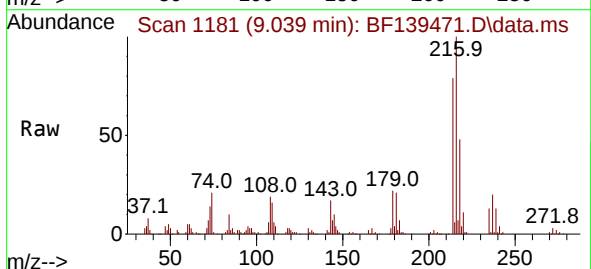
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

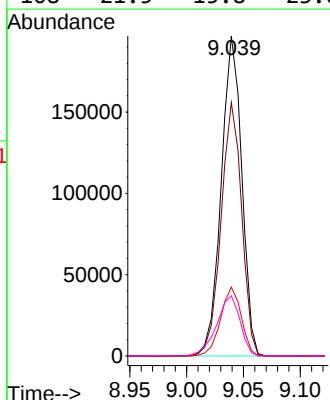
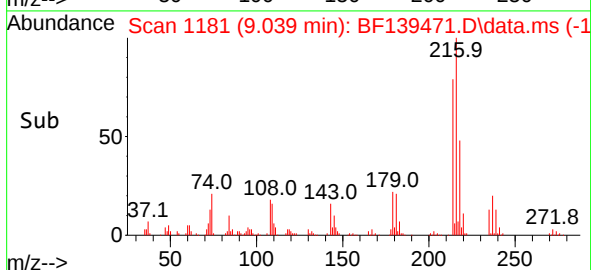
Supervised By :mohammad ahmed 09/22/2024

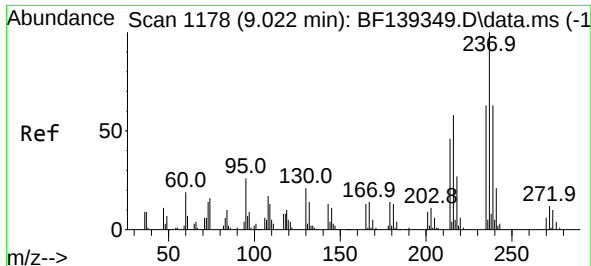


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.724 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



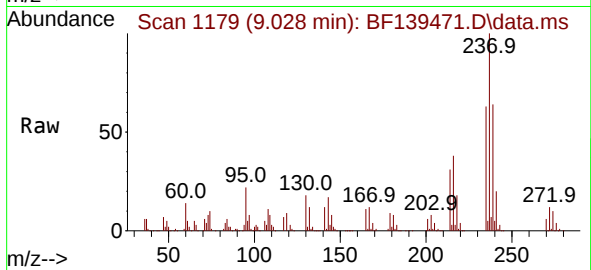
Tgt Ion:216 Resp: 247739
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.6 18.2 27.2
108 21.5 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 137.550 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

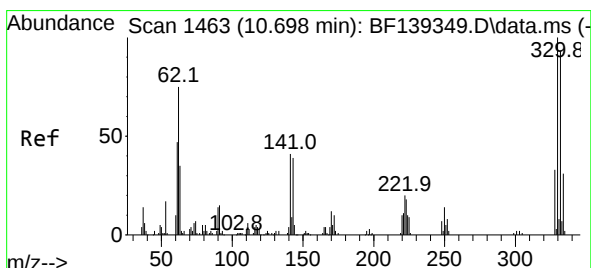
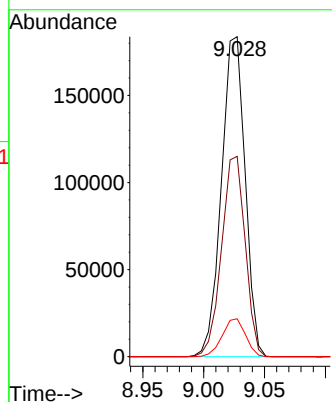
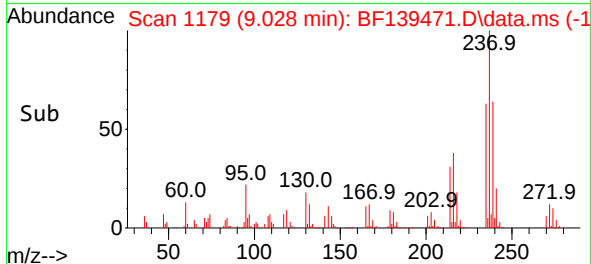
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



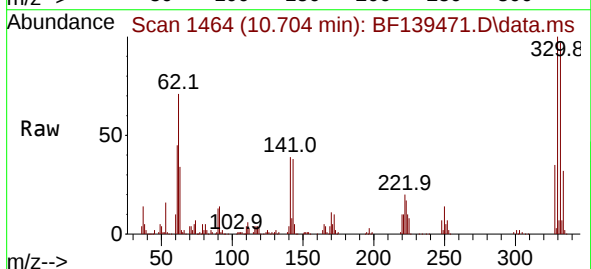
Tgt Ion:237 Resp: 249308
Ion Ratio Lower Upper
237 100
235 62.6 42.7 82.7
272 11.8 0.0 32.5

Manual Integrations
APPROVED

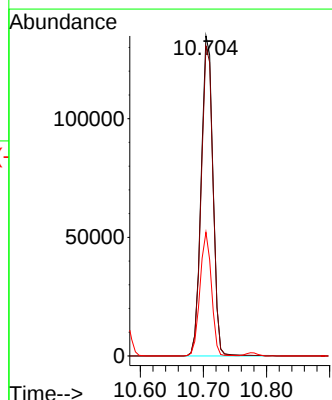
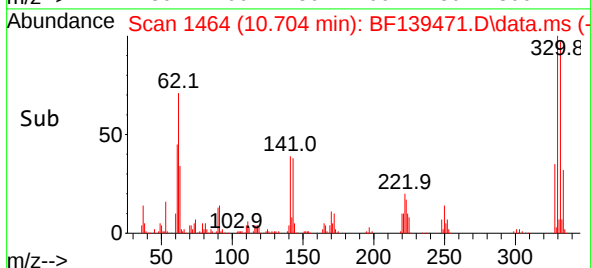
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

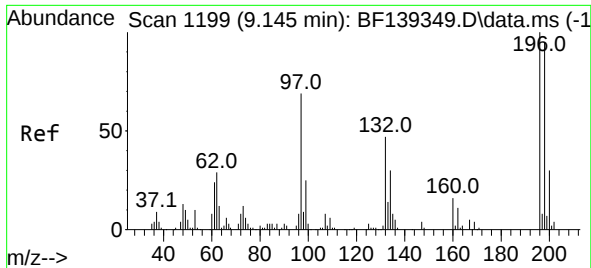


#42
2,4,6-Tribromophenol
Concen: 93.470 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



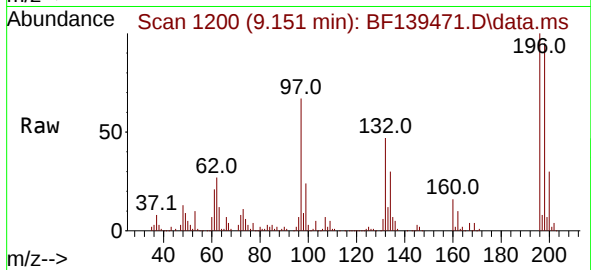
Tgt Ion:330 Resp: 174297
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 37.6 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 48.780 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

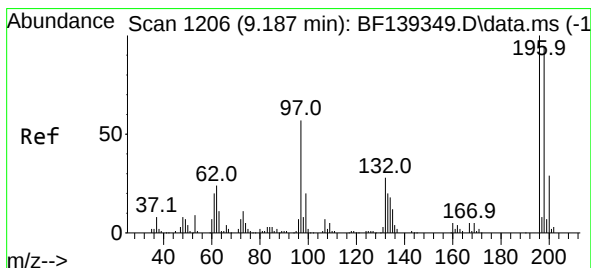
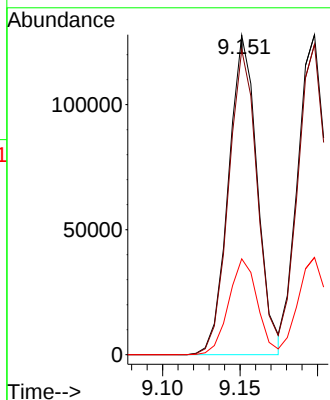
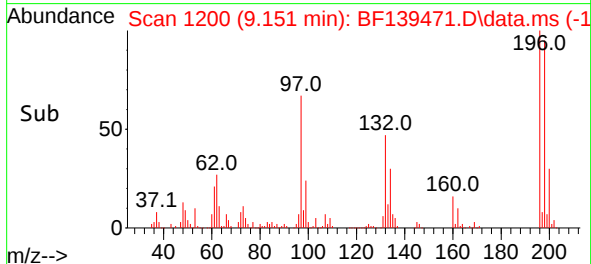
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



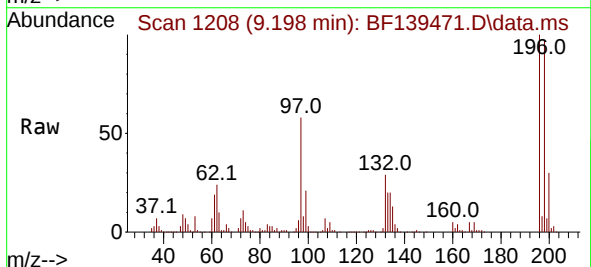
Tgt Ion:196 Resp: 164744
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.6
200 30.0 24.1 36.1

Manual Integrations
APPROVED

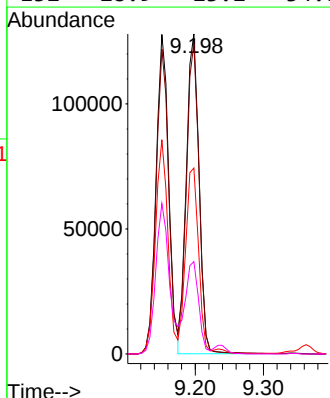
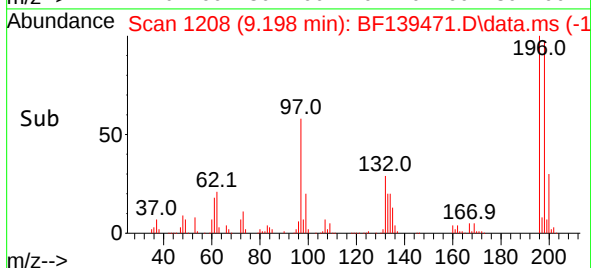
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

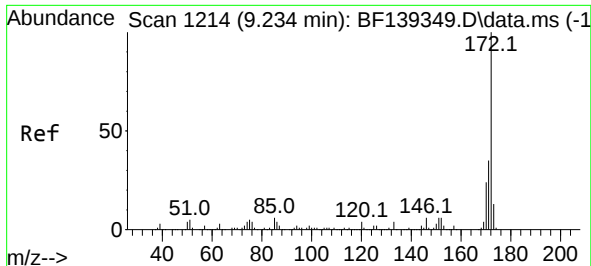


#44
2,4,5-Trichlorophenol
Concen: 46.287 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



Tgt Ion:196 Resp: 164895
Ion Ratio Lower Upper
196 100
198 97.0 74.8 112.2
97 58.1 47.3 70.9
132 28.9 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 74.066 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:172 Resp: 92498

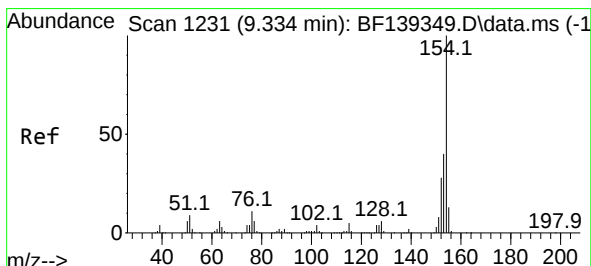
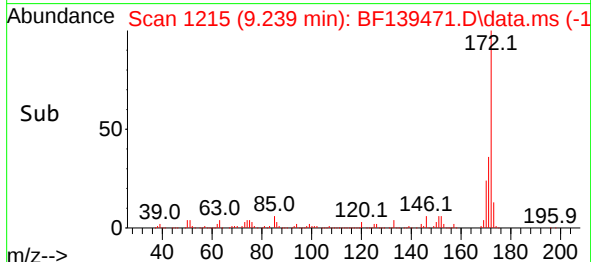
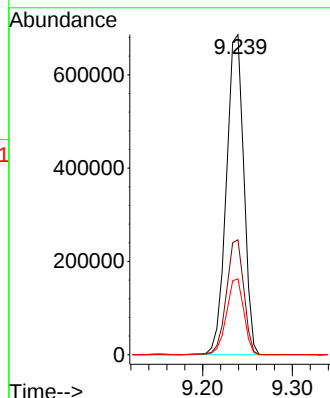
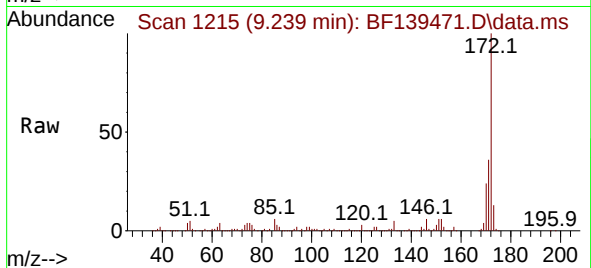
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.7	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 47.431 ng

RT: 9.339 min Scan# 1232

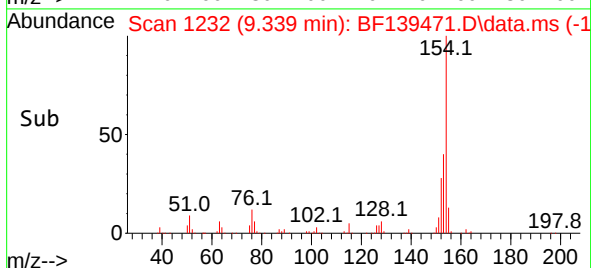
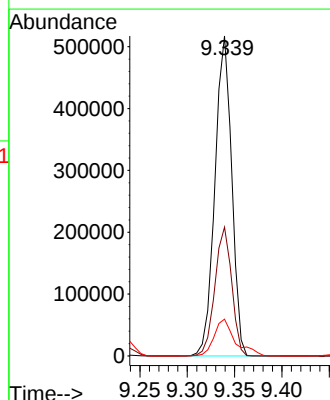
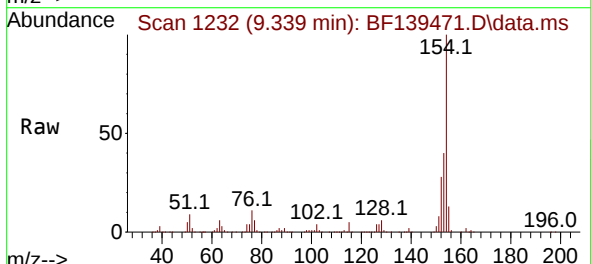
Delta R.T. 0.006 min

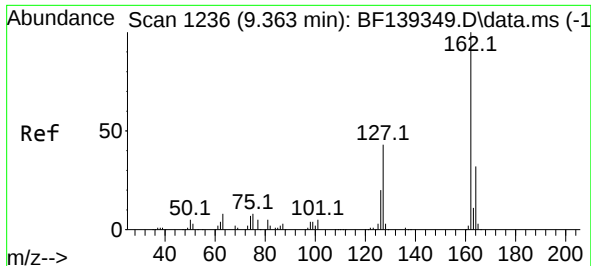
Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:154 Resp: 639140

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.1	60.1
76	11.5	0.0	31.1





#47

2-Chloronaphthalene

Concen: 46.741 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:162 Resp: 47093

Ion Ratio Lower Upper

162 100

127 43.8 35.0 52.4

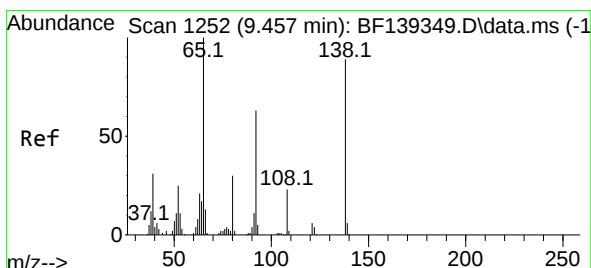
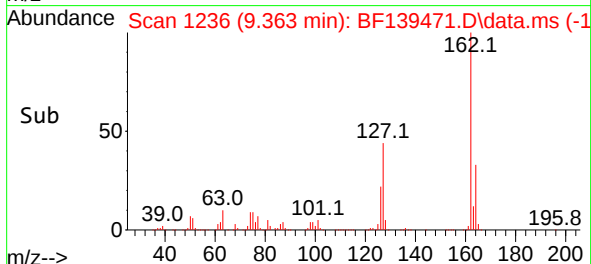
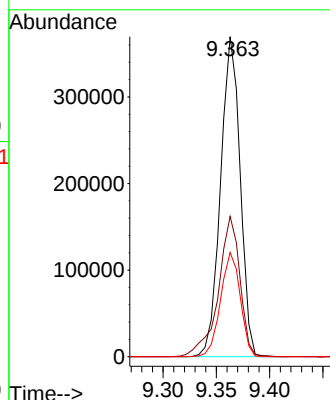
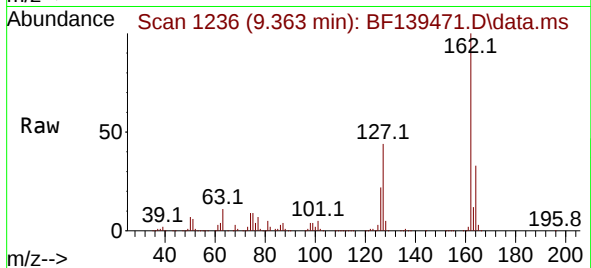
164 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 46.178 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

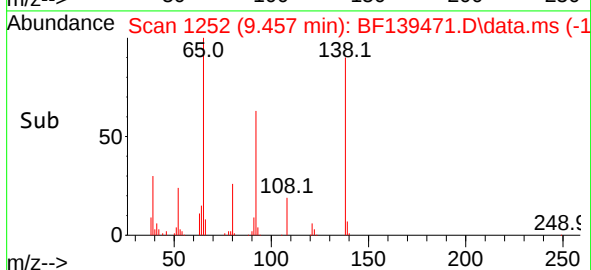
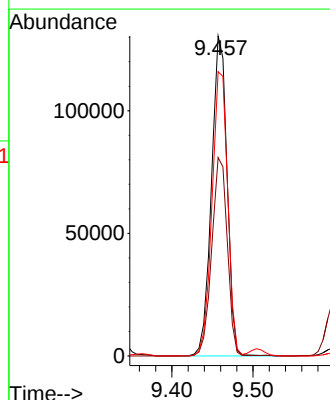
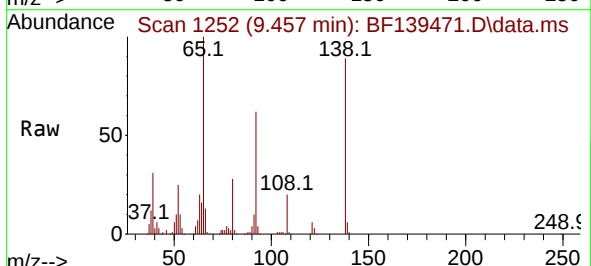
Tgt Ion: 65 Resp: 173050

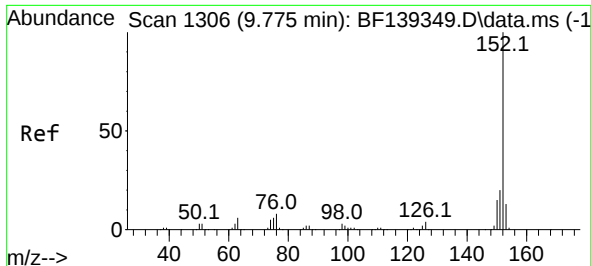
Ion Ratio Lower Upper

65 100

92 62.0 50.3 75.5

138 88.8 71.3 106.9





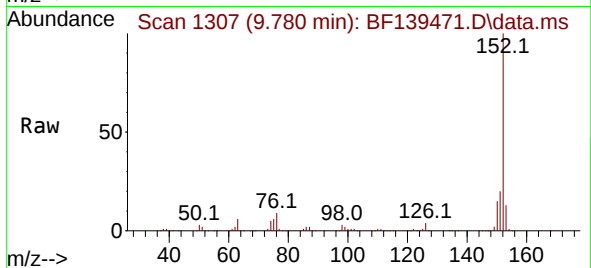
#49
Acenaphthylene
Concen: 49.253 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



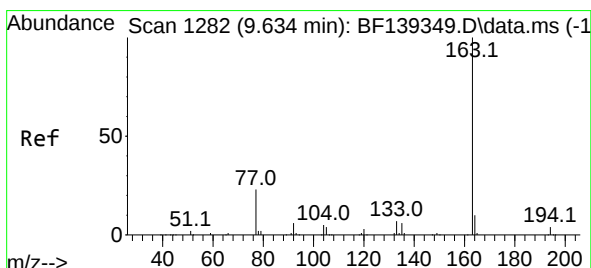
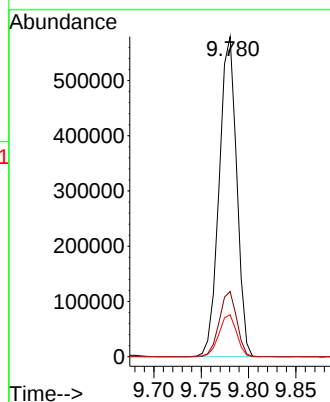
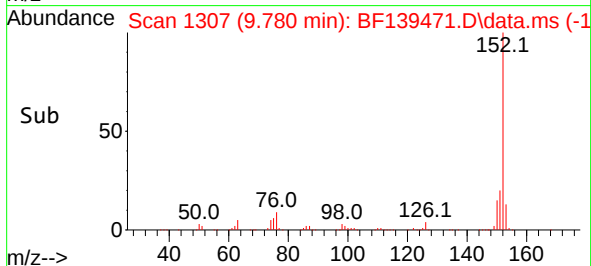
Tgt Ion:152 Resp: 746985
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.1 10.3 15.5

Manual Integrations

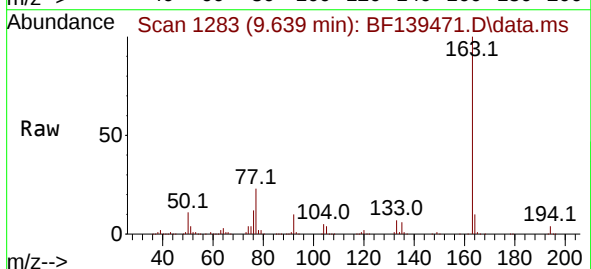
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

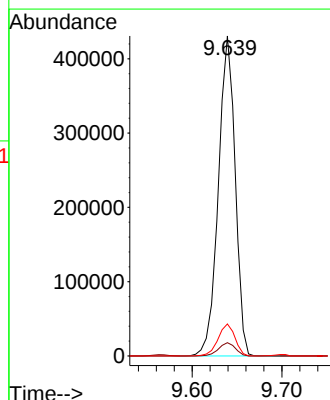
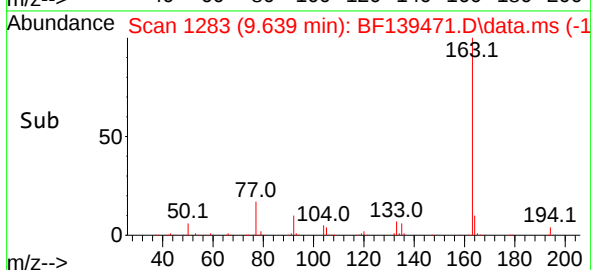
Supervised By :mohammad ahmed 09/22/2024

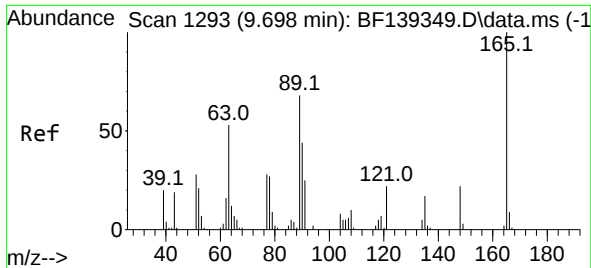


#50
Dimethylphthalate
Concen: 48.812 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



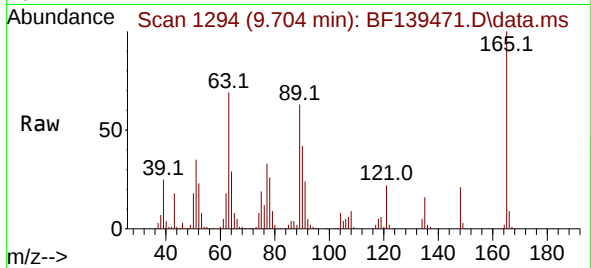
Tgt Ion:163 Resp: 561152
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.328 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

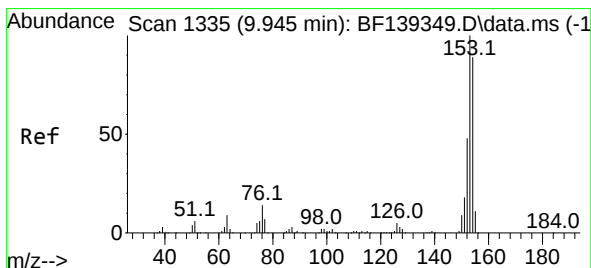
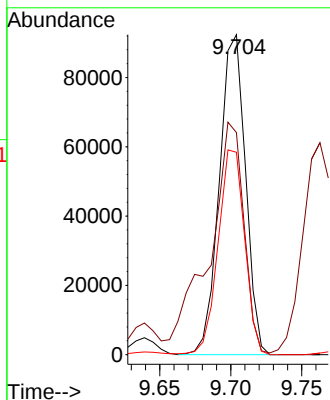
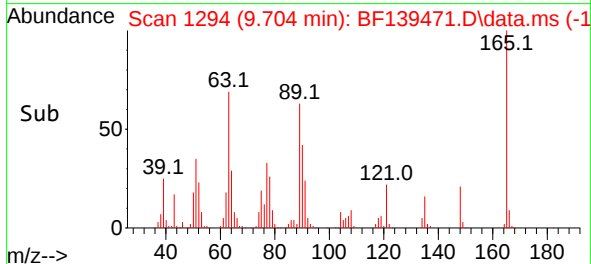
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:165 Resp: 11798
Ion Ratio Lower Upper
165 100
63 69.4 60.9 91.3
89 63.2 54.7 82.1

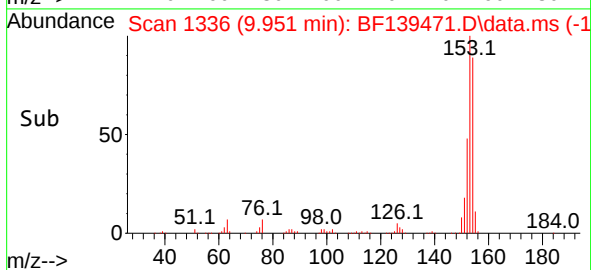
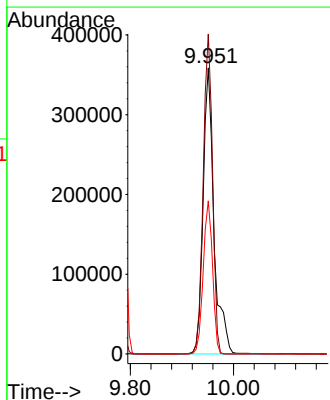
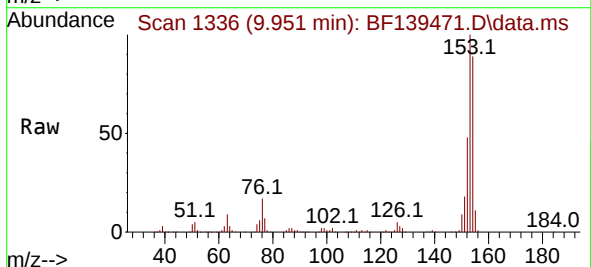
Manual Integrations
APPROVED

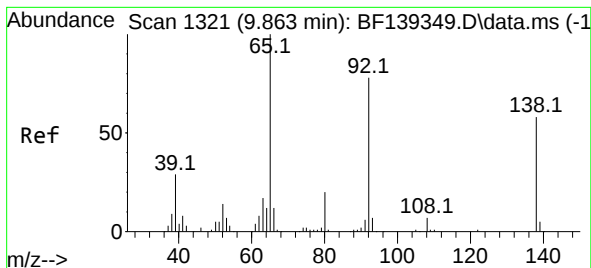
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 49.434 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:154 Resp: 523260
Ion Ratio Lower Upper
154 100
153 111.8 89.5 134.3
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 32.996 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

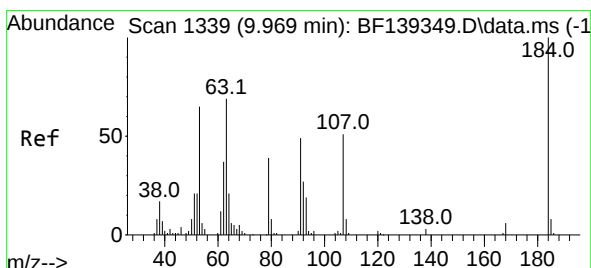
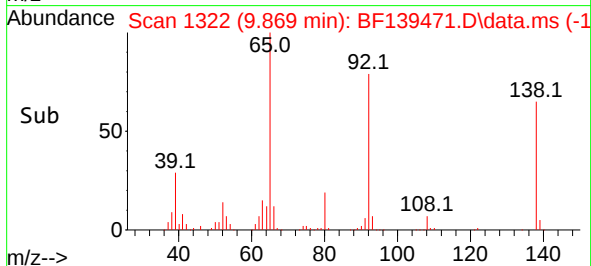
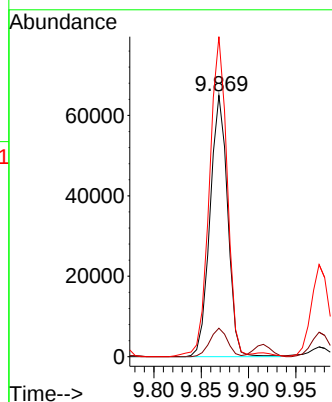
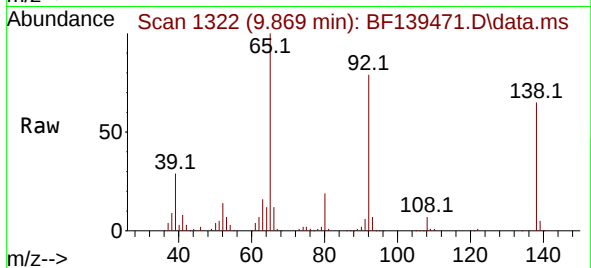
SW-1-TANK17MS

Tgt Ion:138 Resp: 8398
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.8
92 122.5 107.4 161.2

Manual Integrations

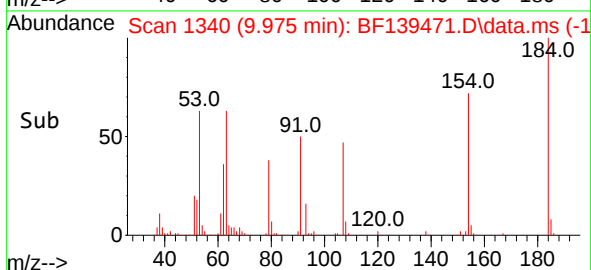
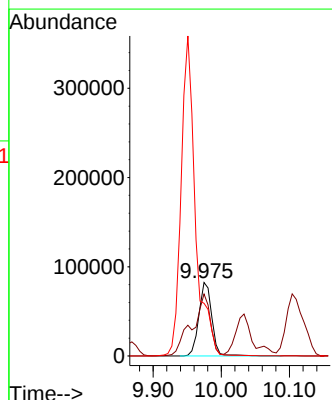
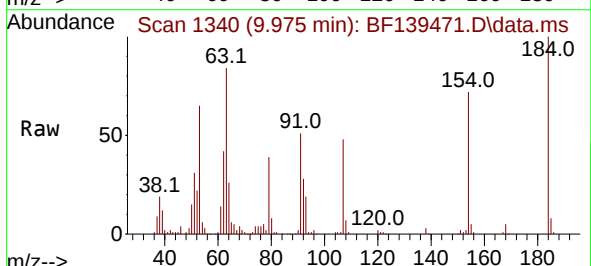
APPROVED

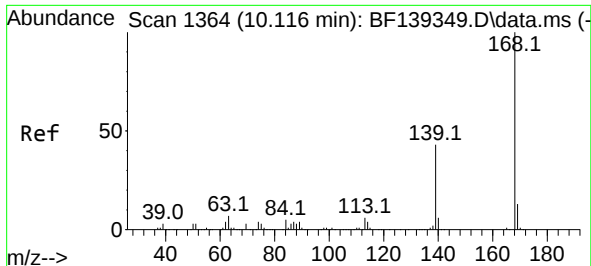
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 76.630 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

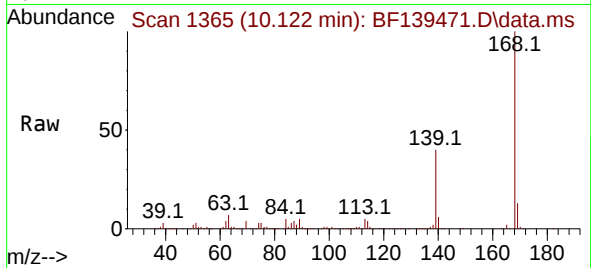
Tgt Ion:184 Resp: 108746
Ion Ratio Lower Upper
184 100
63 84.3 69.3 103.9
154 71.7 67.5 101.3





#55
Dibenzofuran
Concen: 46.004 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

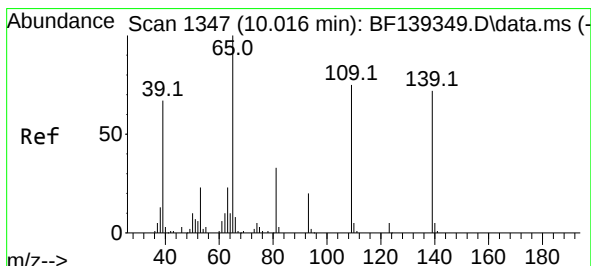
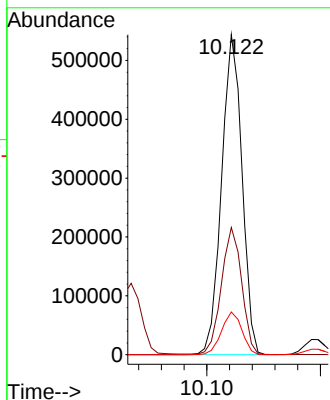
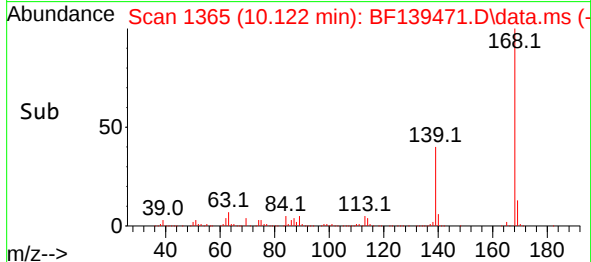
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:168 Resp: 67872
Ion Ratio Lower Upper
168 100
139 39.7 34.1 51.1
169 13.3 10.5 15.7

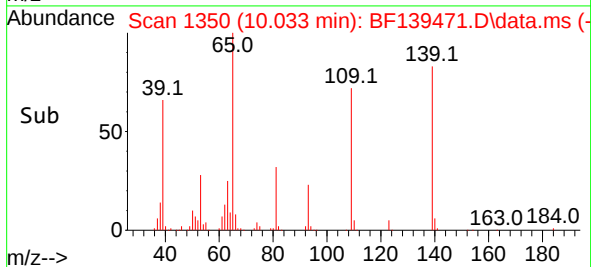
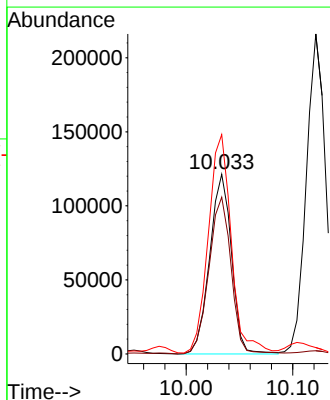
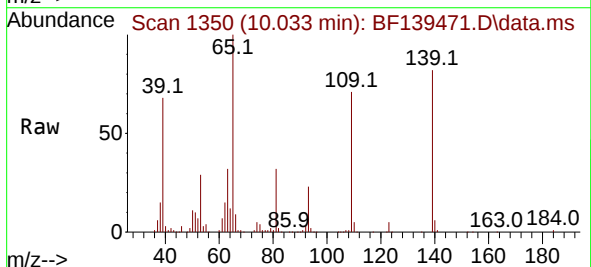
Manual Integrations
APPROVED

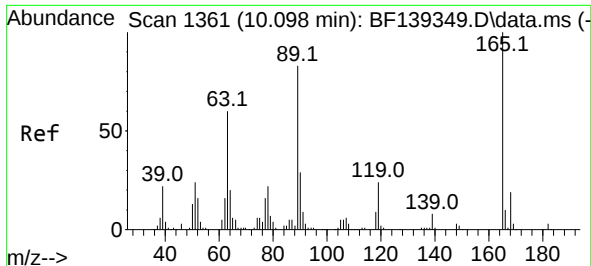
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 82.033 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:139 Resp: 172763
Ion Ratio Lower Upper
139 100
109 87.3 84.1 124.1
65 122.1 120.0 160.0





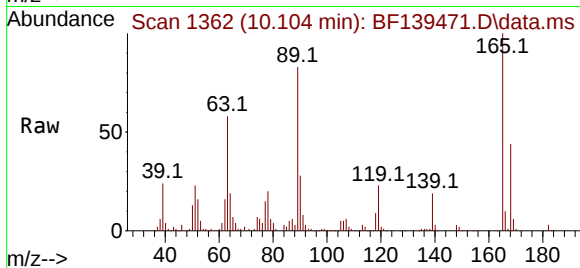
#57
2,4-Dinitrotoluene
Concen: 44.065 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

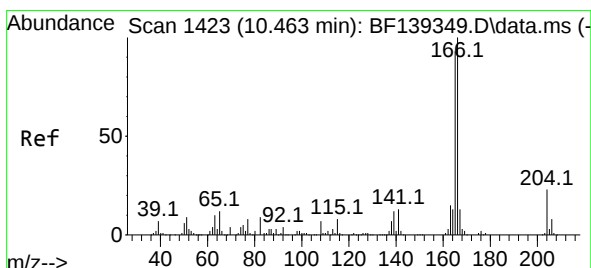
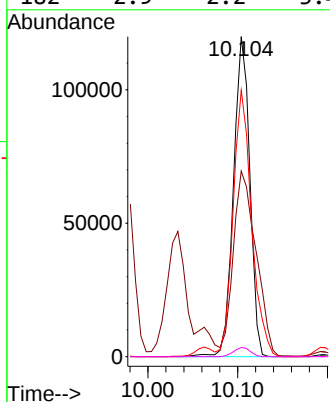
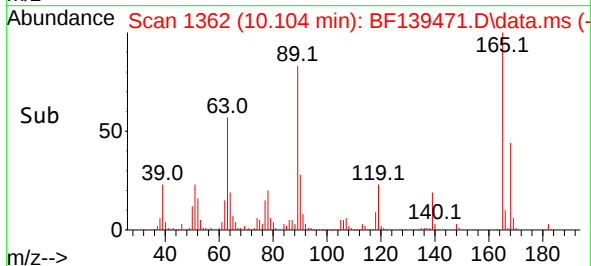


Tgt Ion:165 Resp: 151510
Ion Ratio Lower Upper
165 100
63 58.0 47.8 71.6
89 83.3 66.7 100.1
182 2.9 2.2 3.4

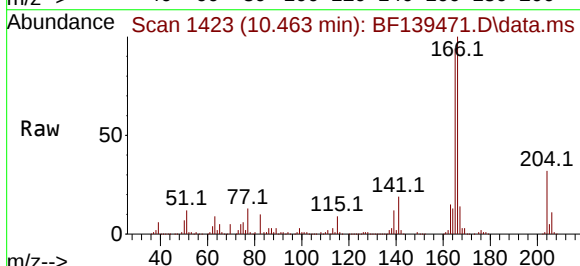
Manual Integrations

APPROVED

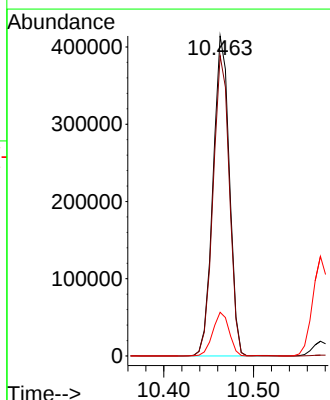
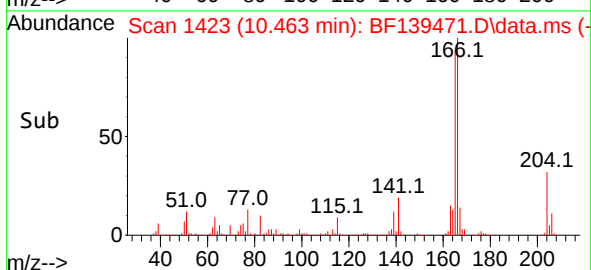
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 43.443 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



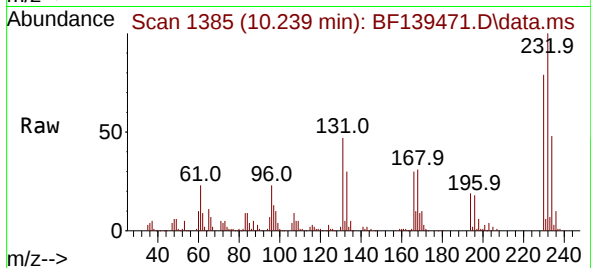
Tgt Ion:166 Resp: 522949
Ion Ratio Lower Upper
166 100
165 93.8 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.575 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

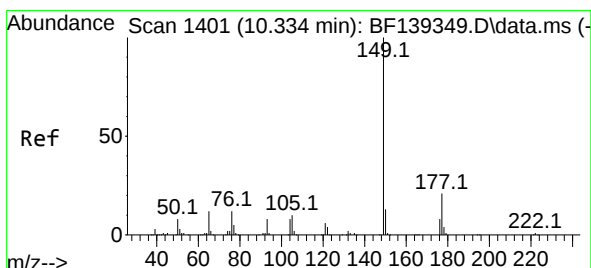
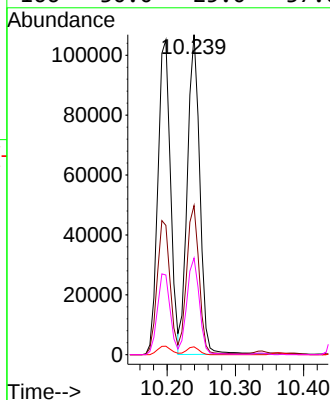
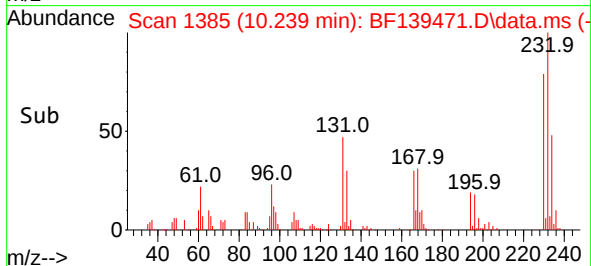
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:232 Resp: 134300
Ion Ratio Lower Upper
232 100
131 46.0 40.7 61.1
130 2.5 2.2 3.2
166 30.0 25.0 37.6

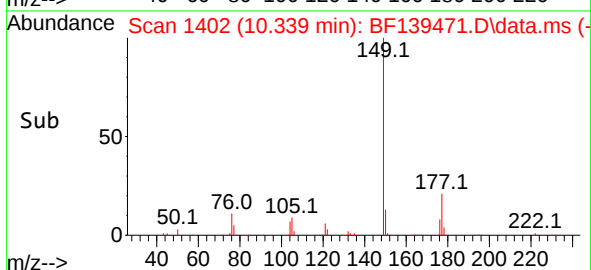
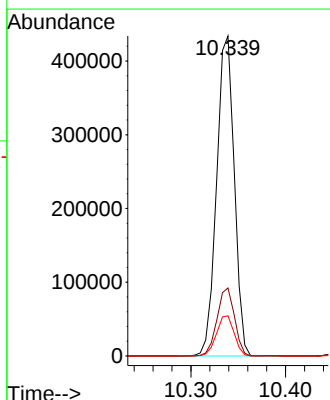
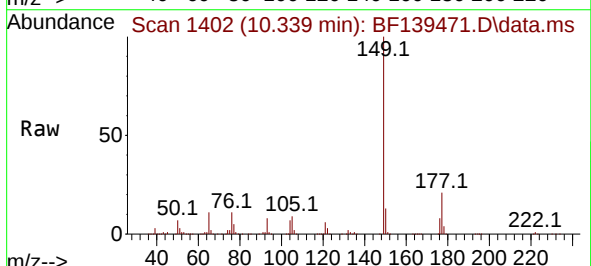
Manual Integrations
APPROVED

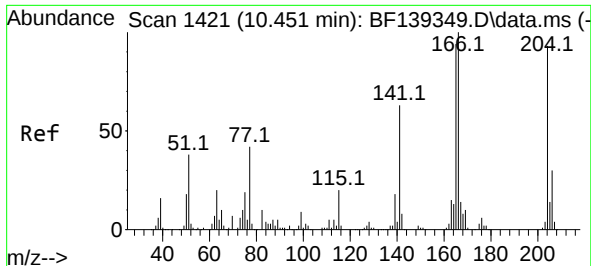
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 47.476 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

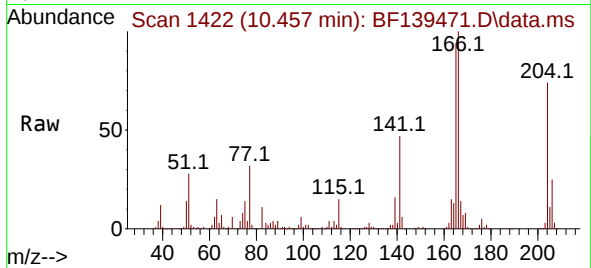
Tgt Ion:149 Resp: 563239
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.6 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 44.800 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

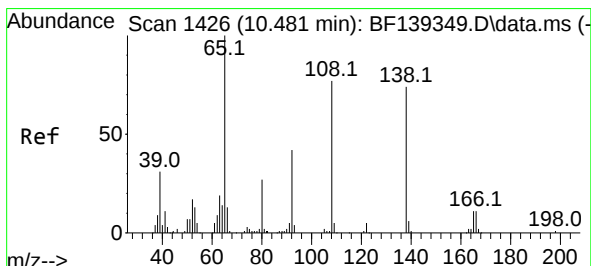
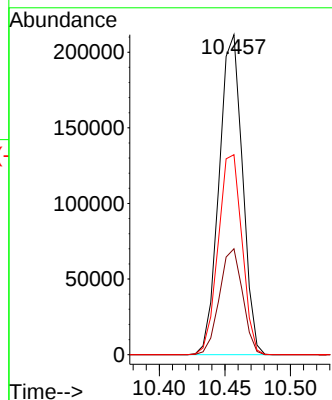
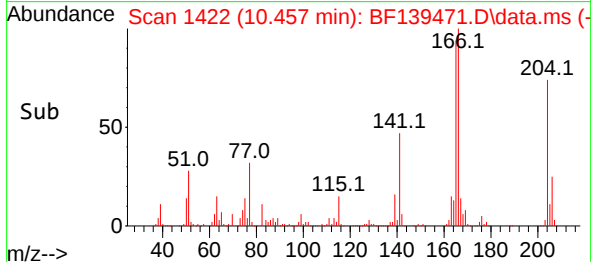
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:204 Resp: 262089
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.5 53.9 80.9

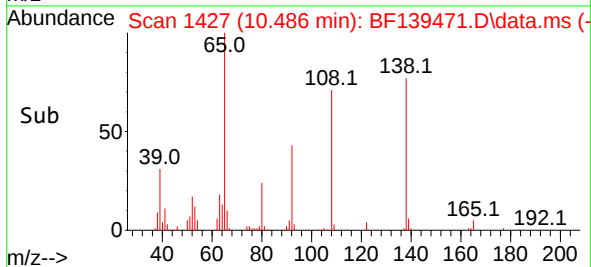
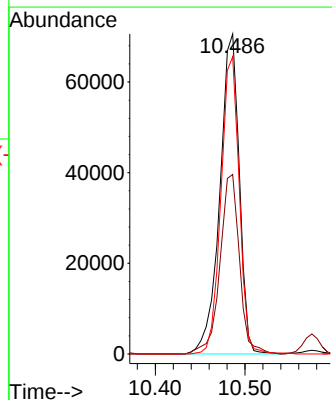
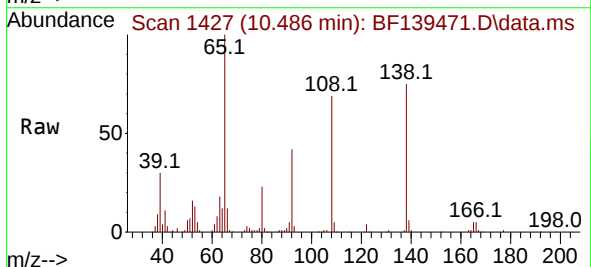
Manual Integrations
APPROVED

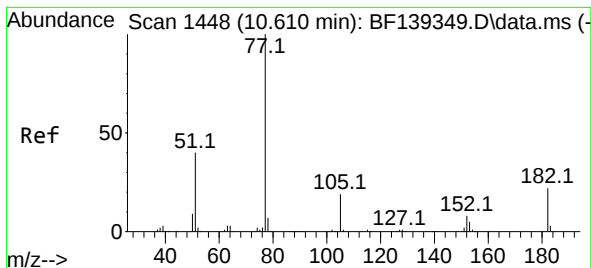
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 38.291 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:138 Resp: 106364
Ion Ratio Lower Upper
138 100
92 56.1 37.0 77.0
108 92.9 84.4 124.4





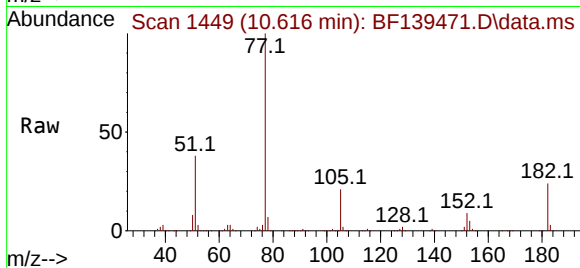
#63
Azobenzene
Concen: 49.813 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

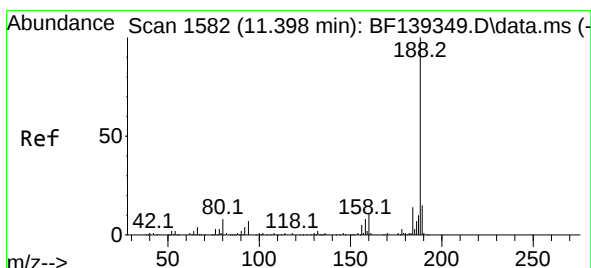
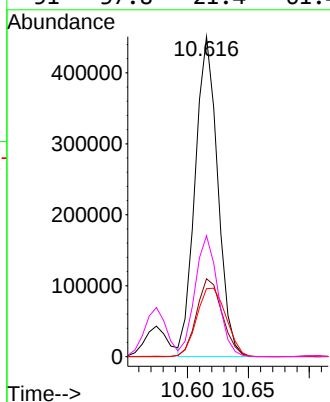
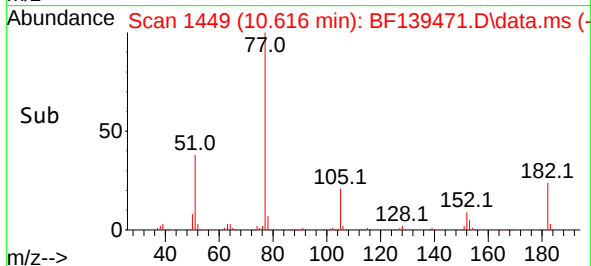


Tgt Ion: 77 Resp: 58124
Ion Ratio Lower Upper
77 100
182 24.4 1.8 41.8
105 21.3 0.0 38.6
51 37.8 21.4 61.4

Manual Integrations

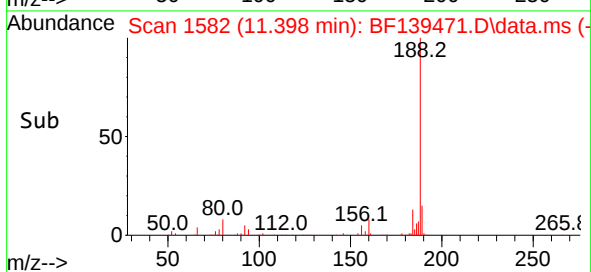
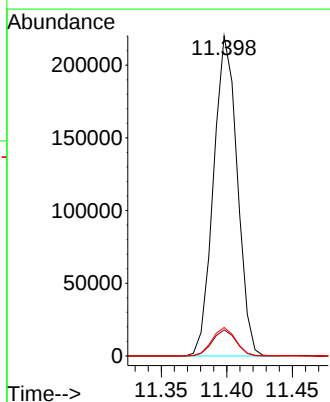
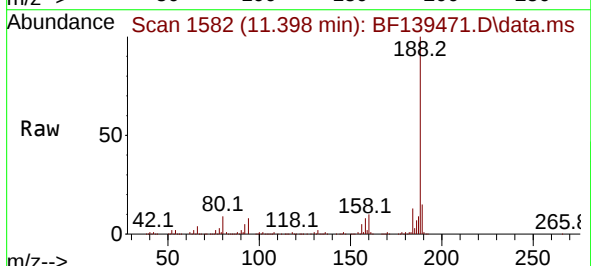
APPROVED

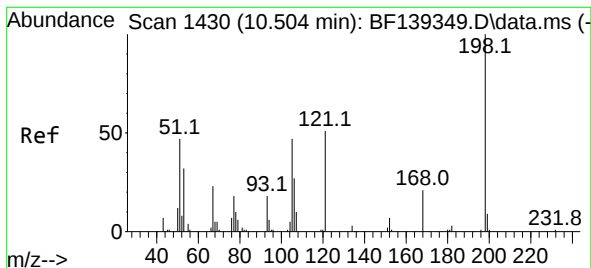
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:188 Resp: 276894
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.9 6.6 9.8





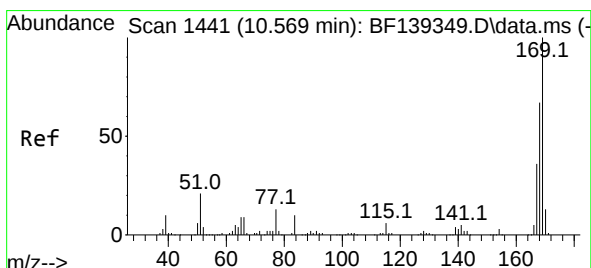
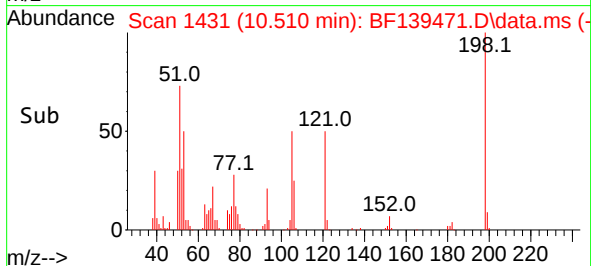
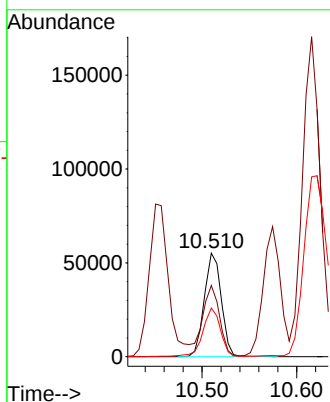
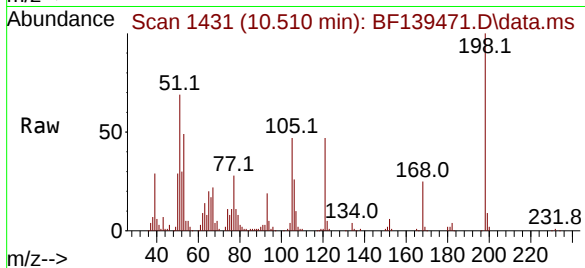
#65
4,6-Dinitro-2-methylphenol
Concen: 46.970 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS

Tgt Ion:198 Resp: 6864
Ion Ratio Lower Upper
198 100
51 68.8 50.4 90.4
105 47.1 28.3 68.3

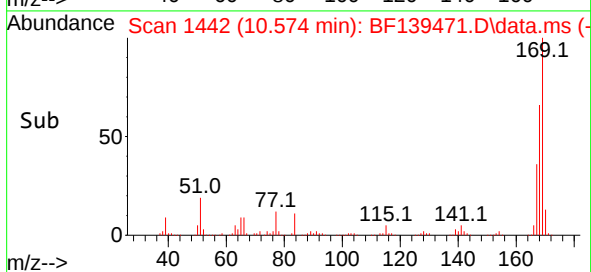
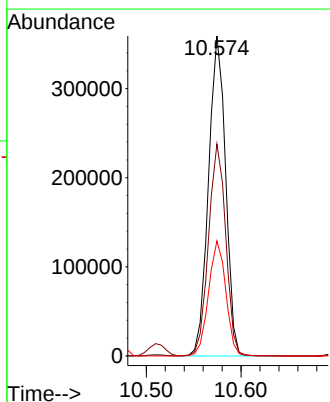
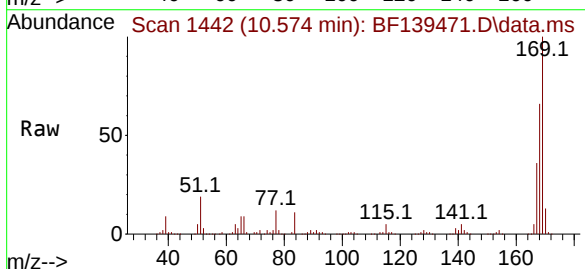
Manual Integrations
APPROVED

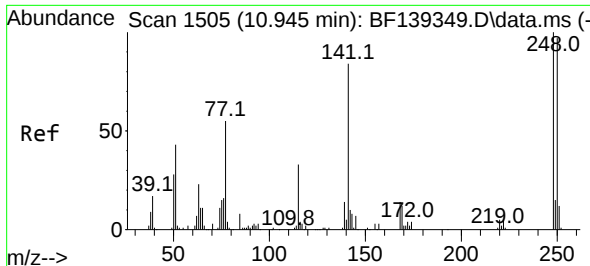
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 55.427 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:169 Resp: 448703
Ion Ratio Lower Upper
169 100
168 66.3 53.6 80.4
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 54.476 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

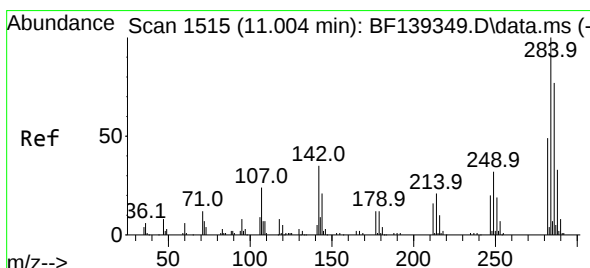
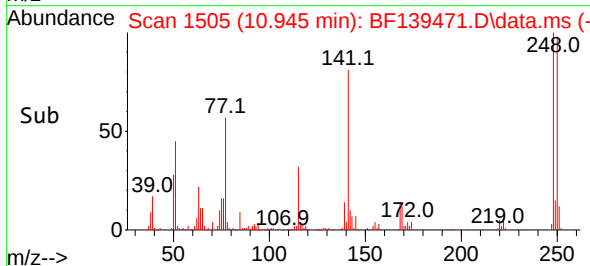
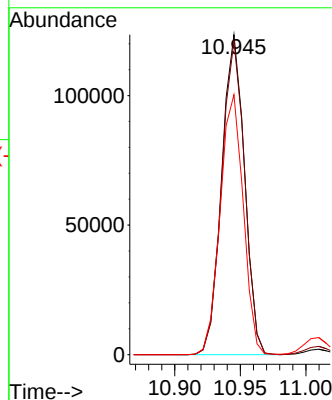
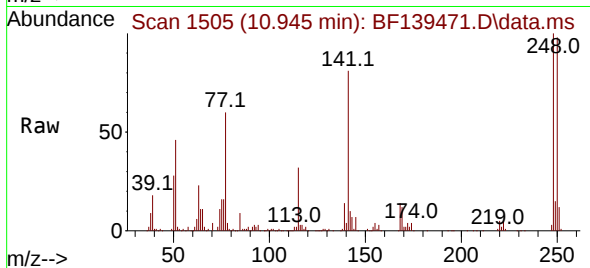
SW-1-TANK17MS

Tgt Ion:248 Resp: 149480
Ion Ratio Lower Upper
248 100
250 98.0 77.6 116.4
141 81.2 66.9 100.3

Manual Integrations

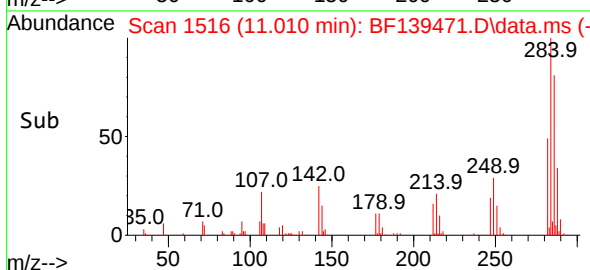
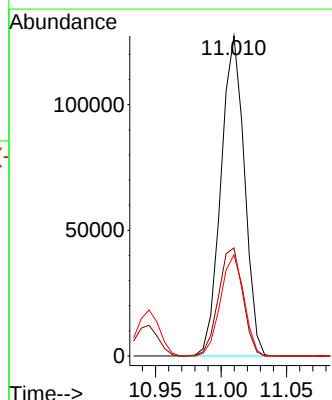
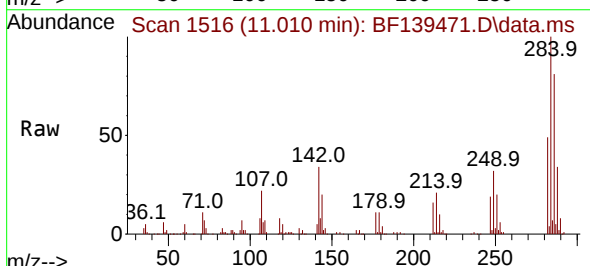
APPROVED

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



#68
Hexachlorobenzene
Concen: 49.124 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:284 Resp: 158198
Ion Ratio Lower Upper
284 100
142 33.7 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 69.816 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:200 Resp: 134554

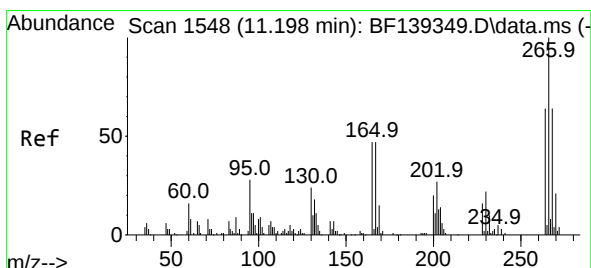
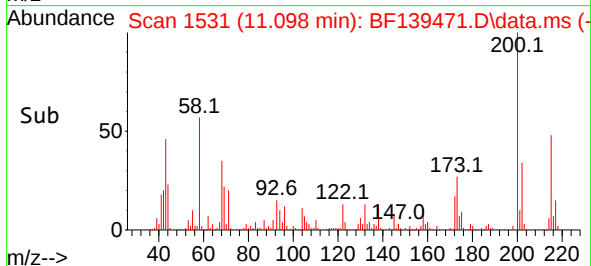
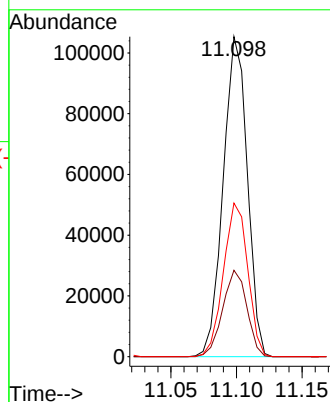
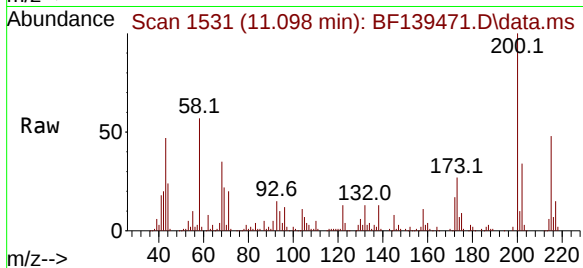
Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	48.0	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 86.204 ng

RT: 11.204 min Scan# 1549

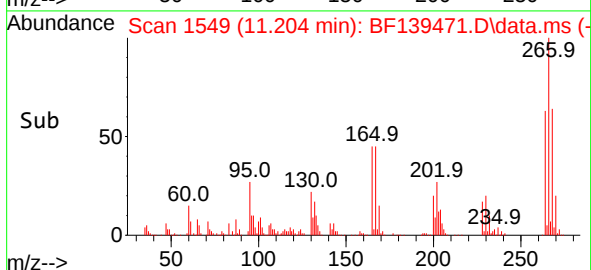
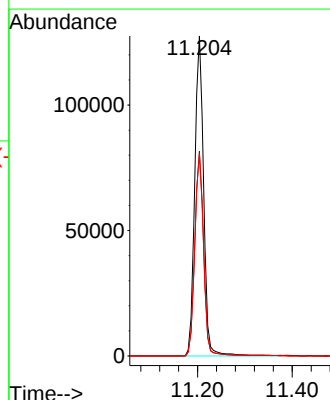
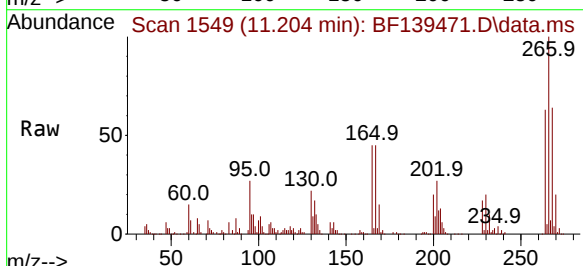
Delta R.T. 0.006 min

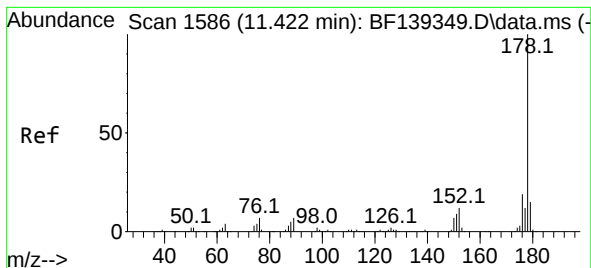
Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:266 Resp: 166577

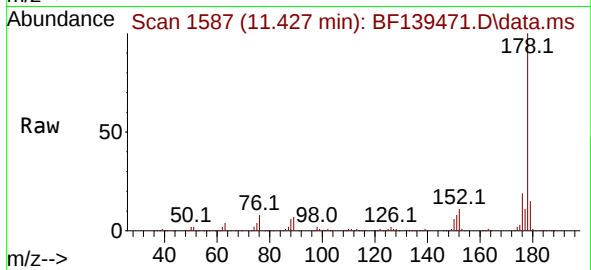
Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.2	51.4	77.0





#71
Phenanthrene
Concen: 48.329 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

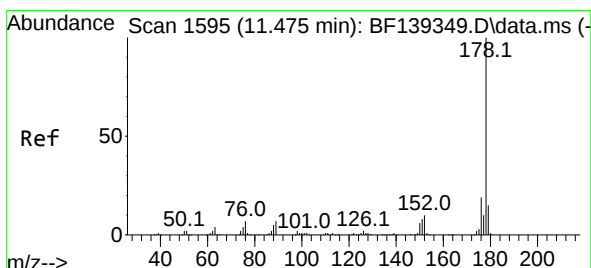
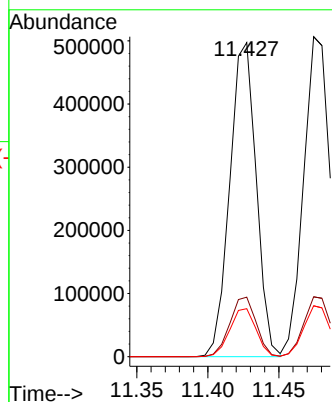
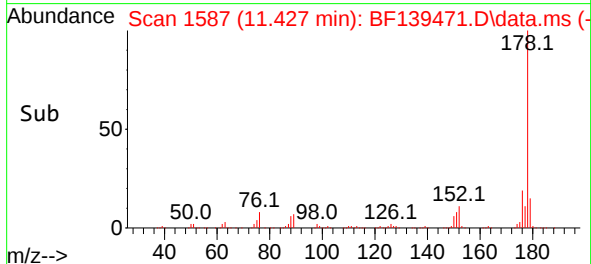
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:178 Resp: 64562
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.3 12.2 18.4

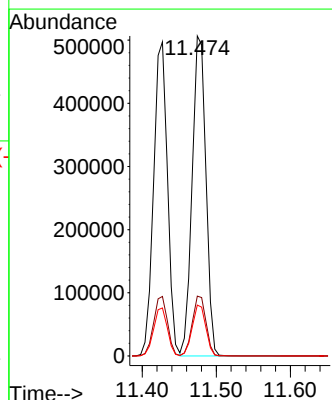
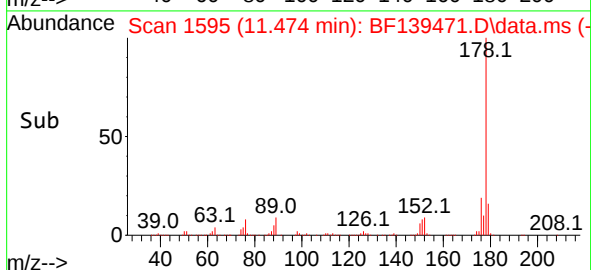
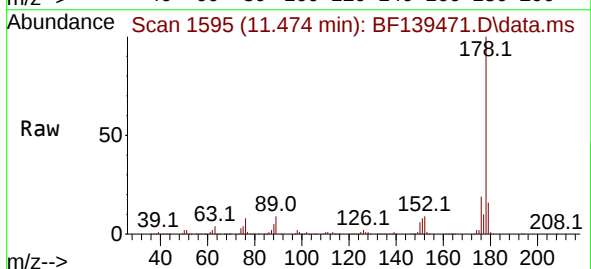
Manual Integrations
APPROVED

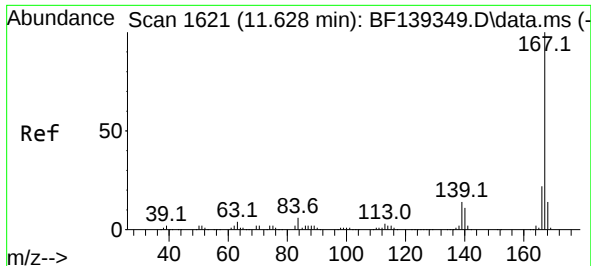
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 50.106 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

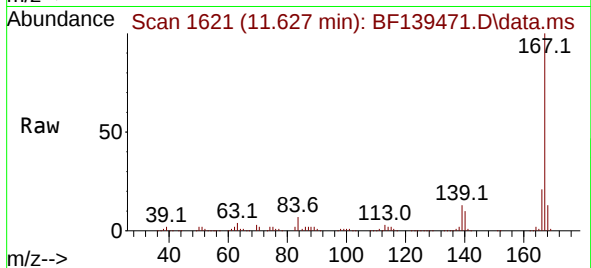
Tgt Ion:178 Resp: 654454
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.9 12.0 18.0





#73
Carbazole
Concen: 44.632 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

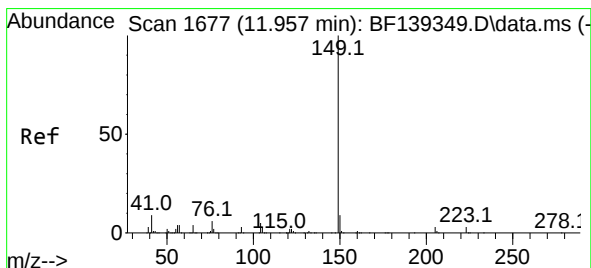
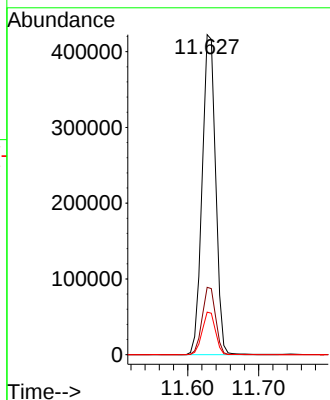
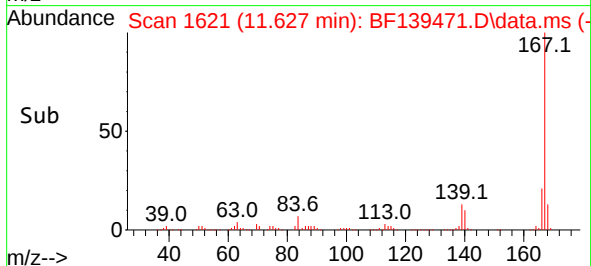
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



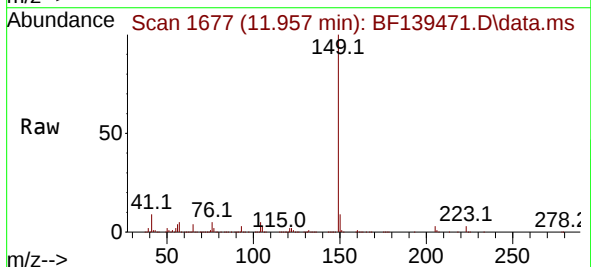
Tgt Ion:167 Resp: 55794
Ion Ratio Lower Upper
167 100
166 21.0 17.5 26.3
139 13.3 10.9 16.3

Manual Integrations
APPROVED

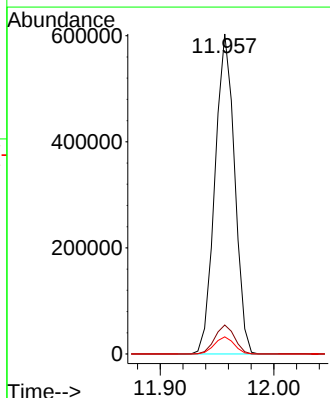
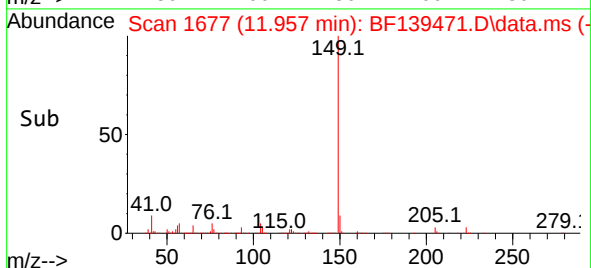
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

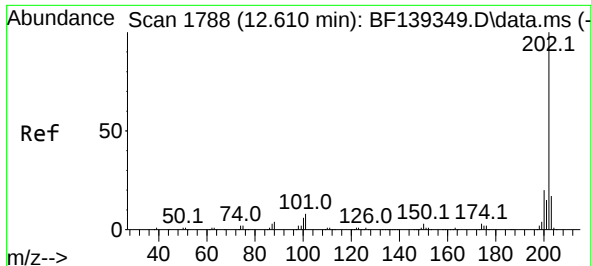


#74
Di-n-butylphthalate
Concen: 52.110 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51



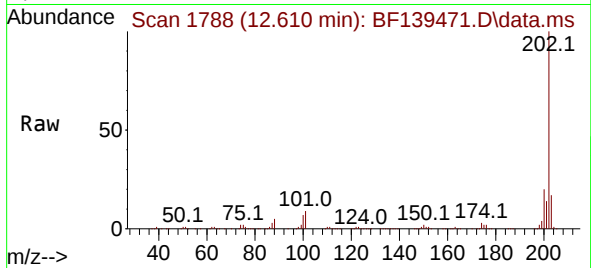
Tgt Ion:149 Resp: 725668
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 38.417 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

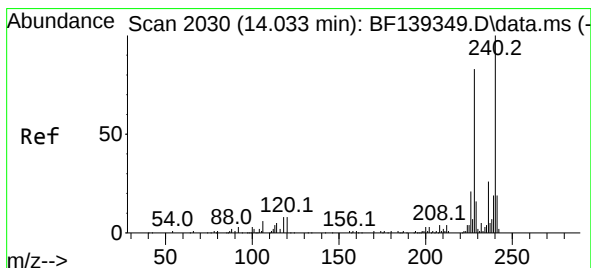
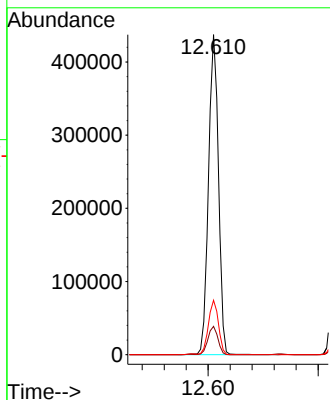
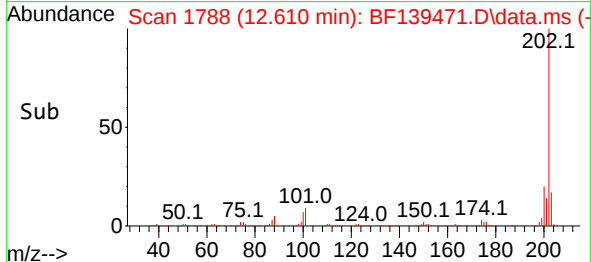
Instrument :
BNA_F
ClientSampleId :
SW-1-TANK17MS



Tgt Ion:202 Resp: 54806
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.0 0.0 37.4

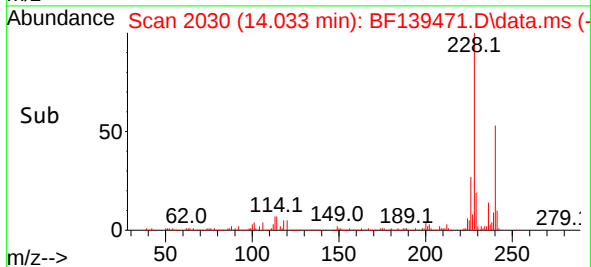
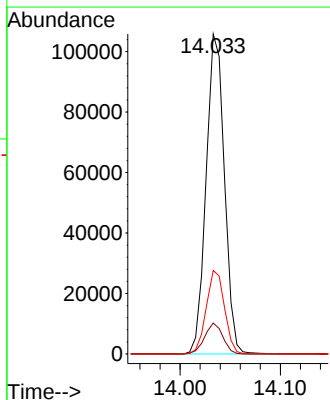
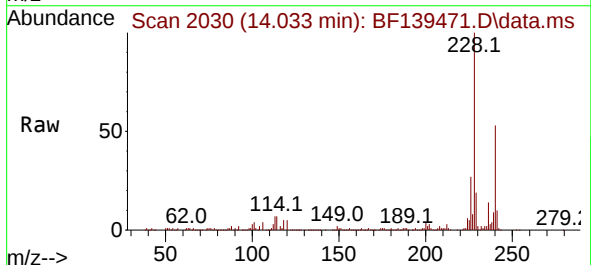
Manual Integrations
APPROVED

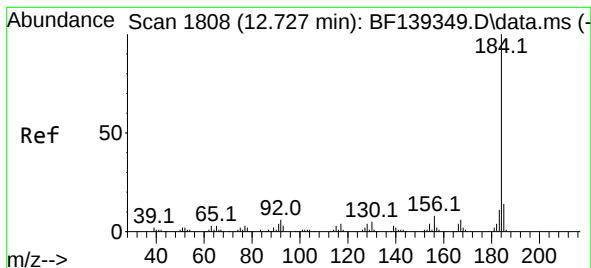
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:240 Resp: 134458
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 26.1 20.9 31.3





#77

Benzidine

Concen: 84.257 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

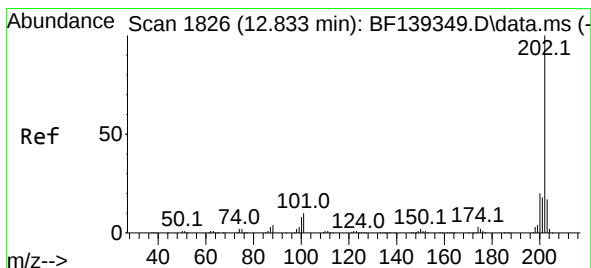
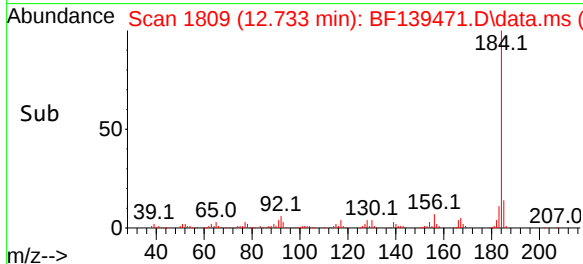
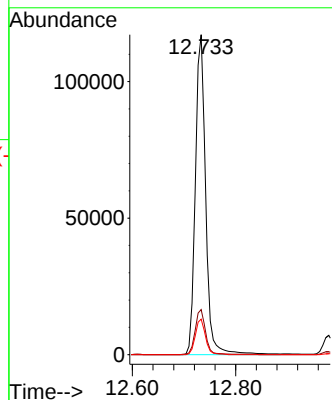
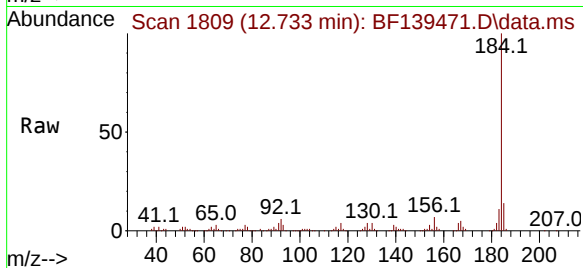
Tgt Ion:	184	Resp:	16231
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.5	17.3
183	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 46.037 ng

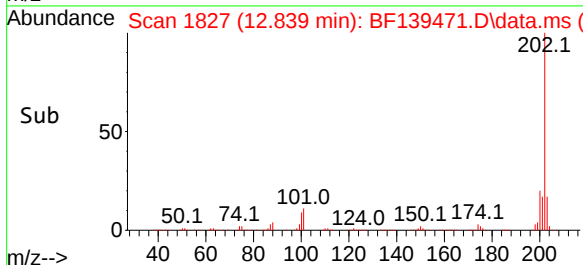
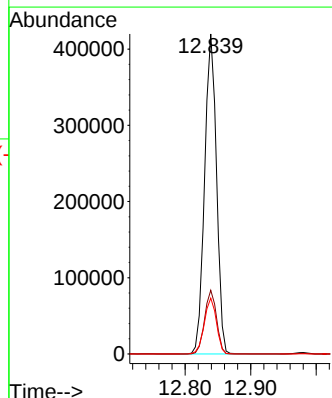
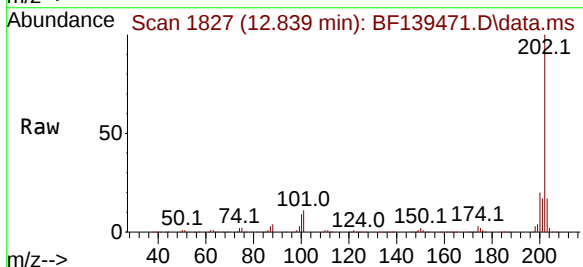
RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:	202	Resp:	531500
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.2
203	17.5	13.9	20.9





#79

Terphenyl-d14

Concen: 72.365 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139471.D

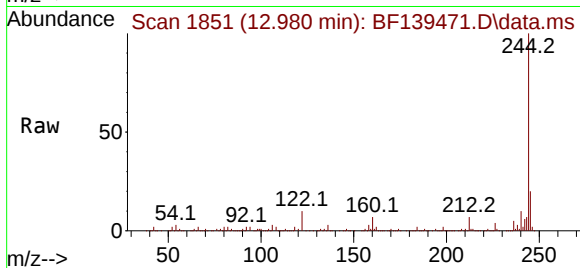
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



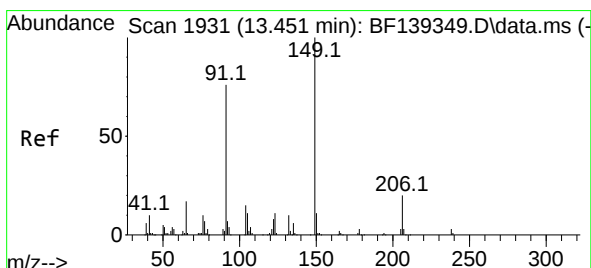
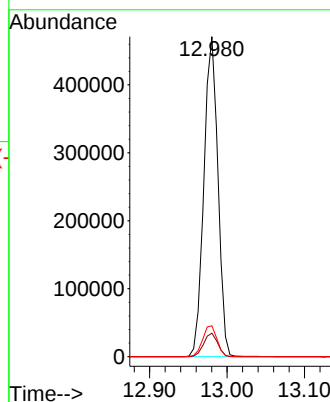
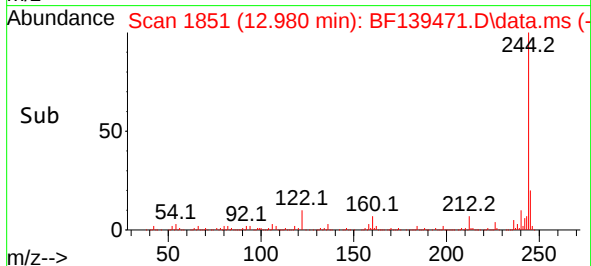
Tgt Ion:	244	Resp:	59279
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	9.7	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 52.604 ng

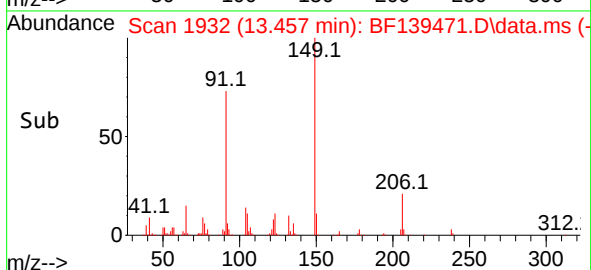
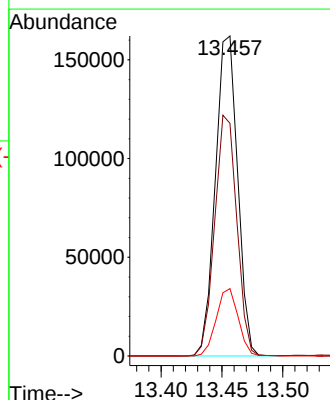
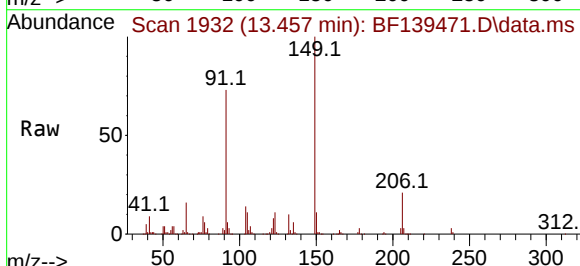
RT: 13.457 min Scan# 1932

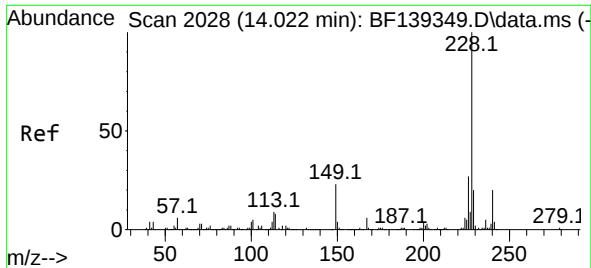
Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:	149	Resp:	206718
Ion Ratio	Lower	Upper	
149	100		
91	72.7	60.9	91.3
206	21.1	15.8	23.8





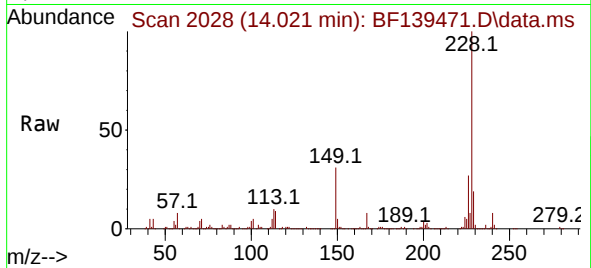
#81
Benzo(a)anthracene
Concen: 50.745 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

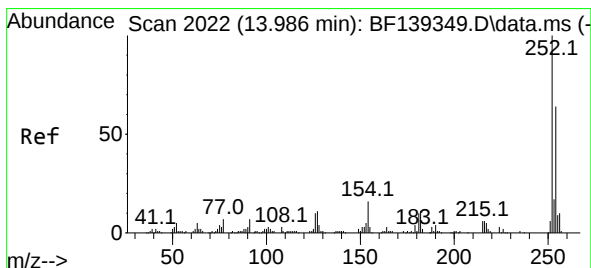
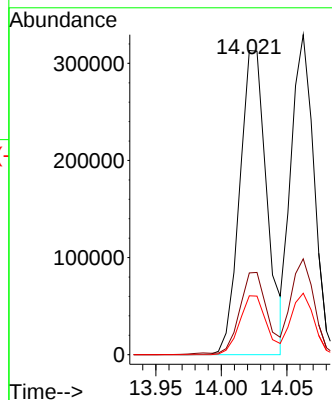
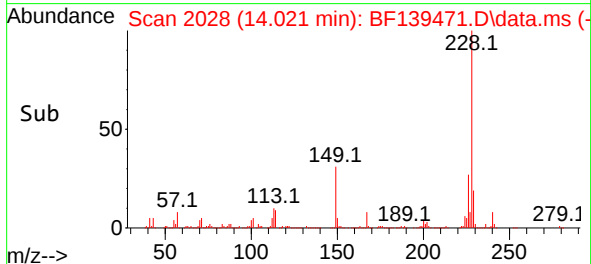


Tgt Ion:228 Resp: 451960
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.4 15.7 23.5

Manual Integrations

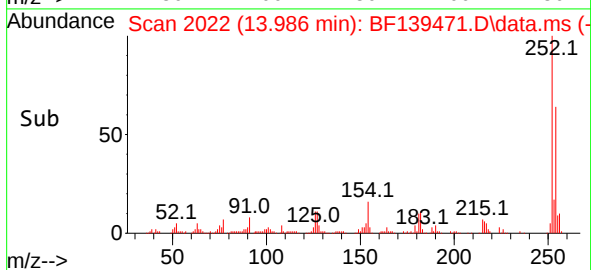
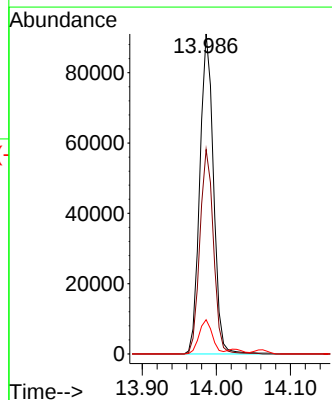
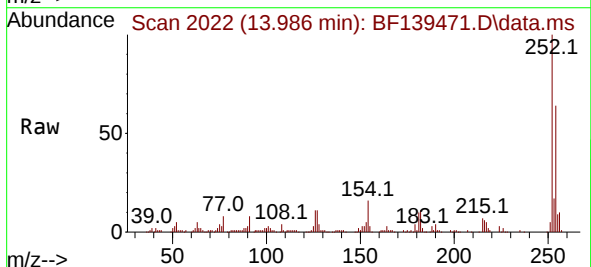
APPROVED

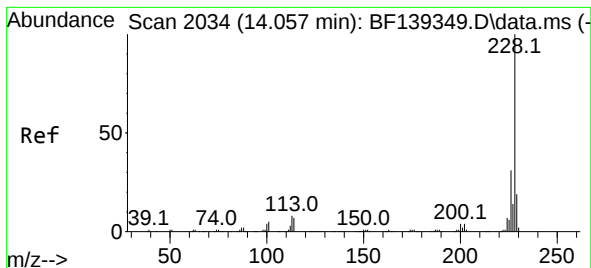
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 44.690 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139471.D
Acq: 19 Sep 2024 18:51

Tgt Ion:252 Resp: 116564
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 10.7 7.7 11.5





#83

Chrysene

Concen: 48.990 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

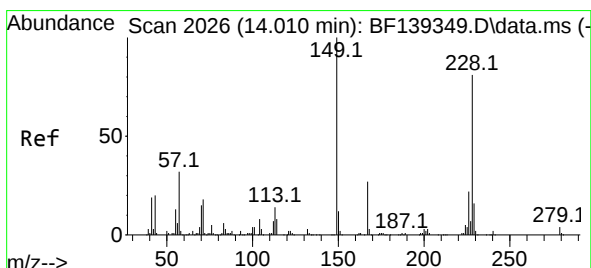
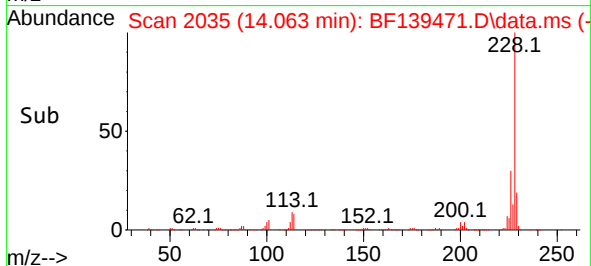
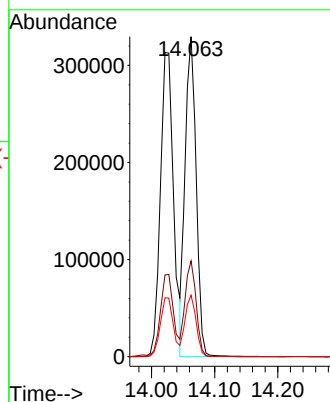
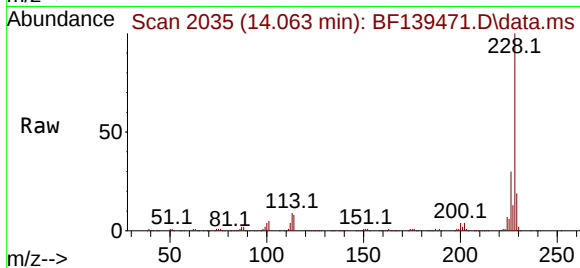
Tgt Ion:228 Resp: 401424
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.1 36.1
 229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.417 ng

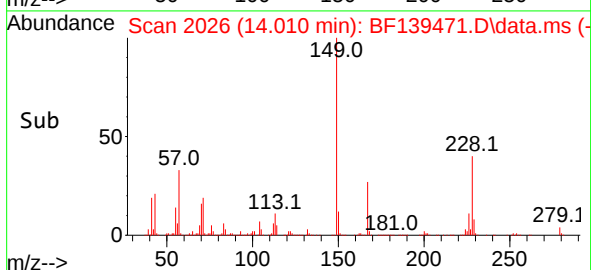
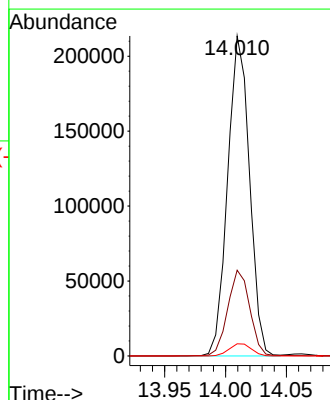
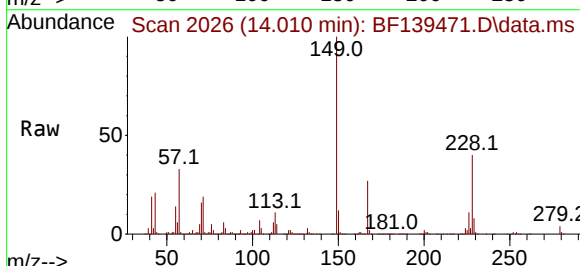
RT: 14.010 min Scan# 2026

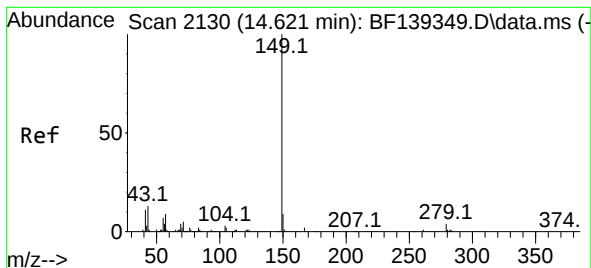
Delta R.T. -0.000 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:149 Resp: 267037
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.6 32.4
 279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.503 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

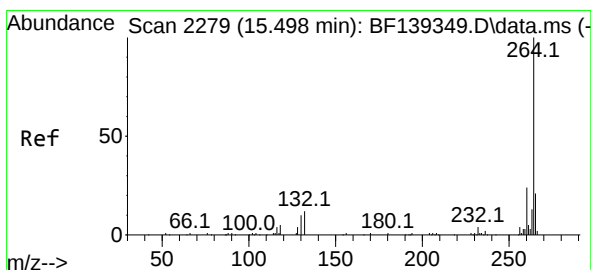
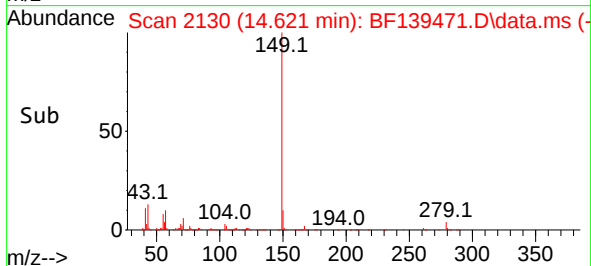
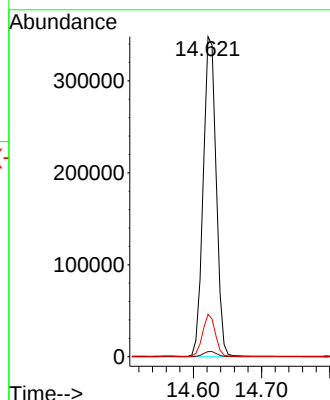
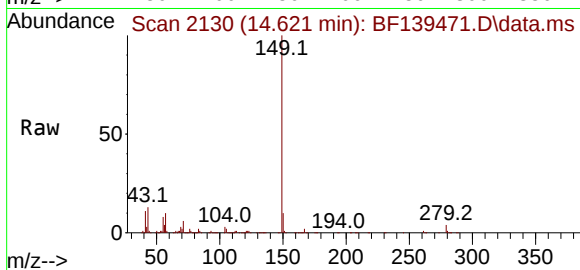
Tgt Ion:149 Resp: 460159
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.7 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#86

Perylene-d12

Concen: 20.000 ng

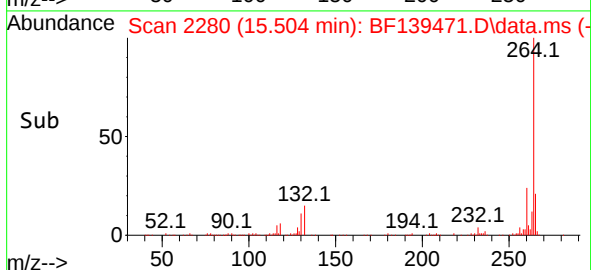
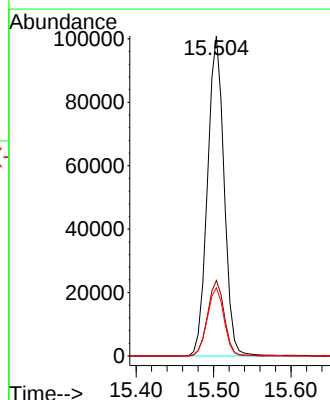
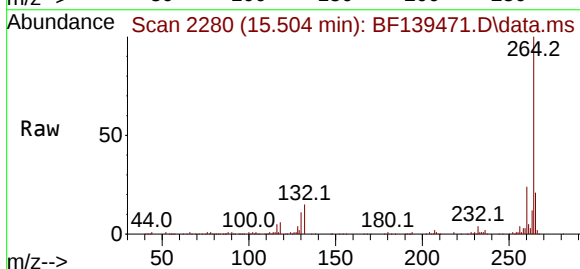
RT: 15.504 min Scan# 2280

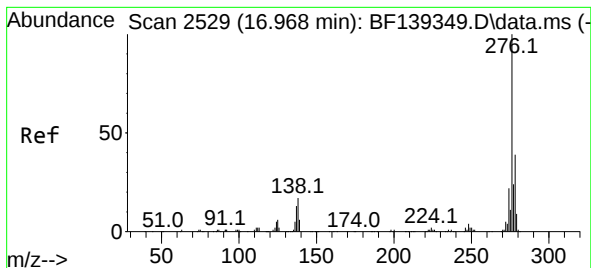
Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:264 Resp: 149953
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.219 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:276 Resp: 34078

Ion Ratio Lower Upper

276 100

138 21.7 15.4 23.2

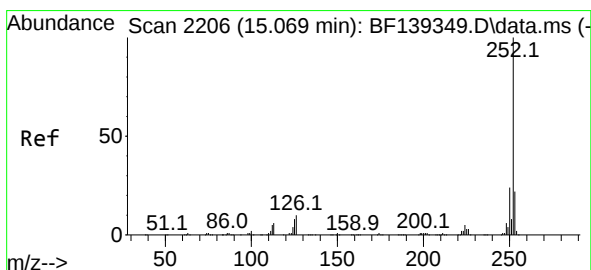
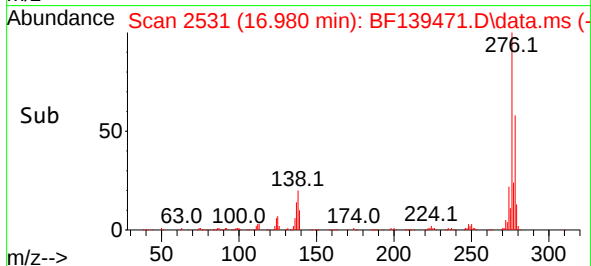
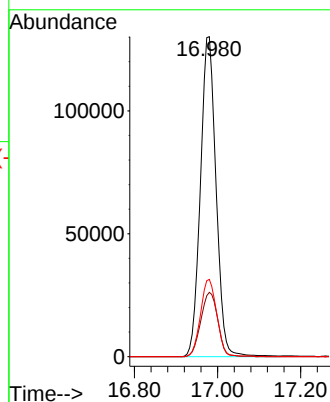
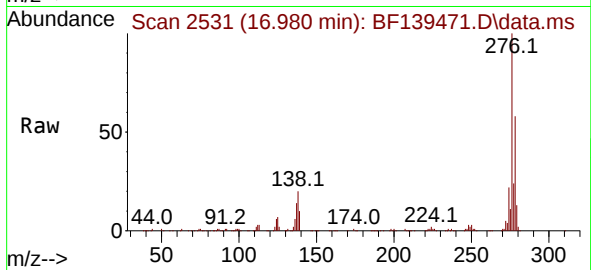
277 25.0 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 51.577 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

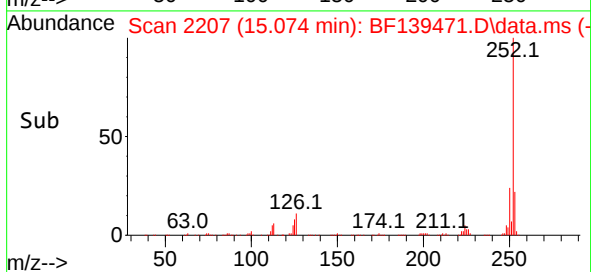
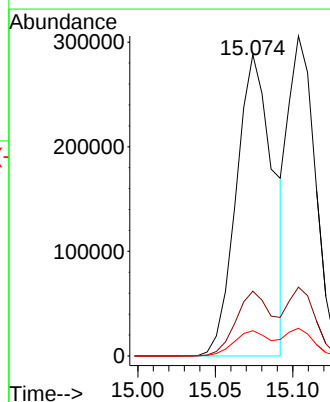
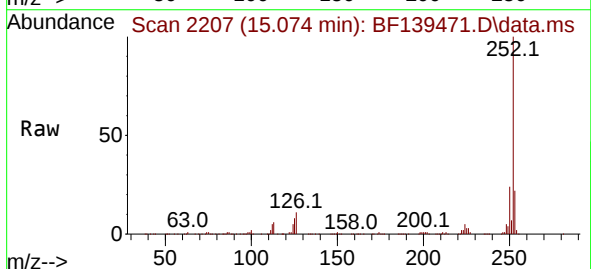
Tgt Ion:252 Resp: 476990

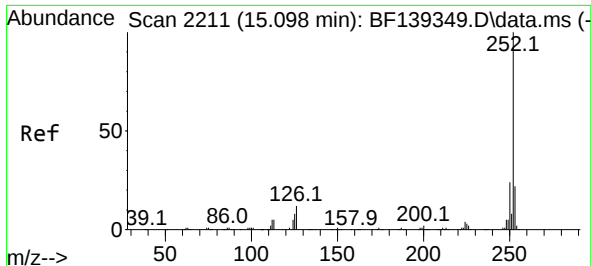
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 43.946 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139471.D

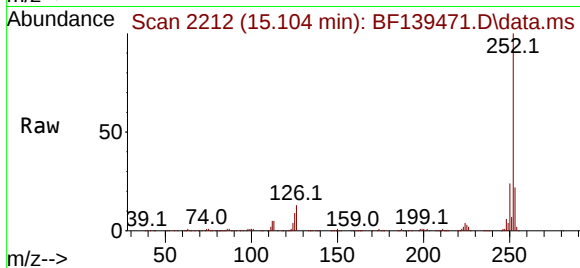
Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS



Tgt Ion:252 Resp: 374728

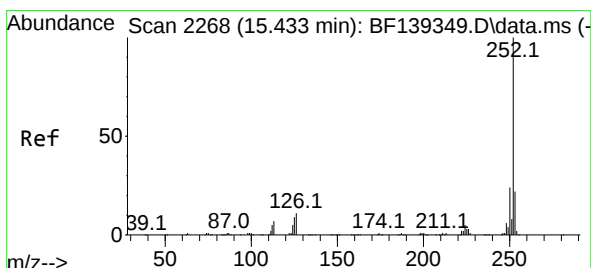
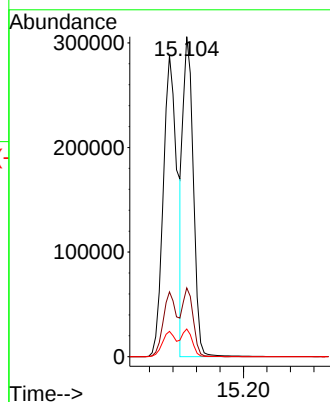
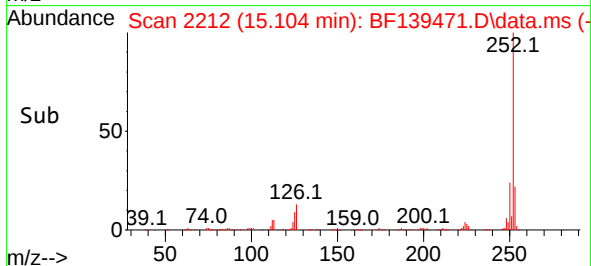
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	8.7	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 52.724 ng

RT: 15.445 min Scan# 2270

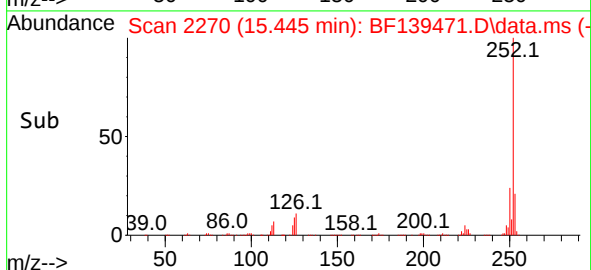
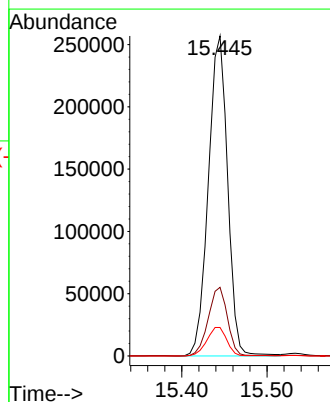
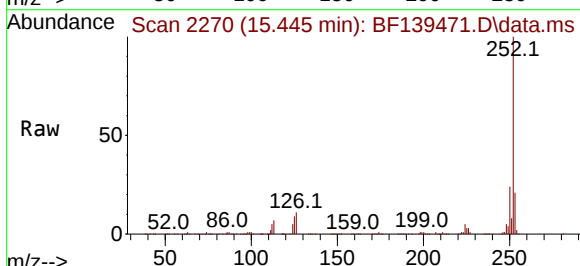
Delta R.T. 0.012 min

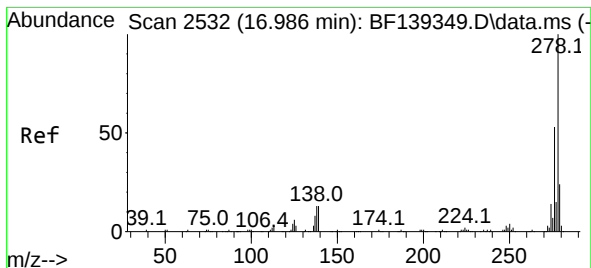
Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:252 Resp: 404392

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	8.9	6.8	10.2





#91

Dibenzo(a,h)anthracene

Concen: 39.173 ng

RT: 16.998 min Scan# 2534

Delta R.T. 0.012 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Instrument :

BNA_F

ClientSampleId :

SW-1-TANK17MS

Tgt Ion:278 Resp: 28862

Ion Ratio Lower Upper

278 100

139 13.1 10.2 15.2

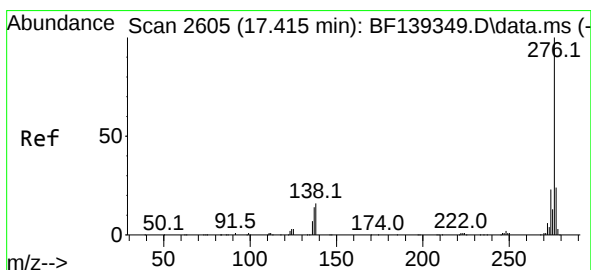
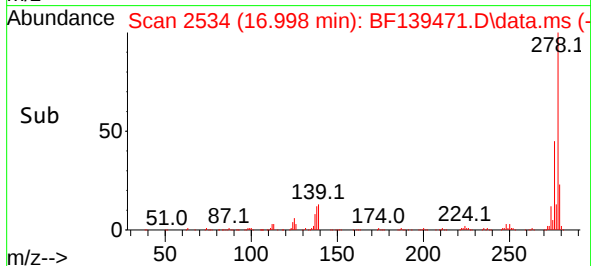
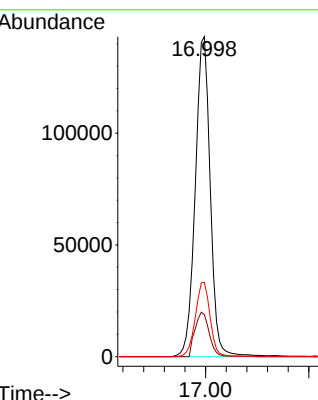
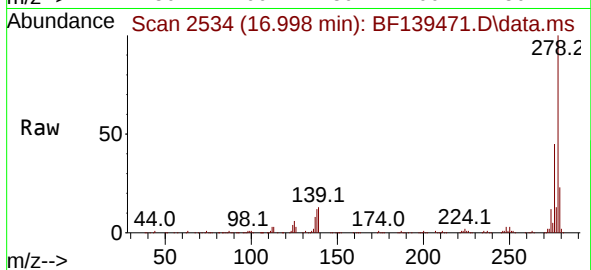
279 23.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 29.977 ng

RT: 17.421 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF139471.D

Acq: 19 Sep 2024 18:51

Tgt Ion:276 Resp: 218688

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.7 13.0 19.6

