

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139473.D
 Acq On : 19 Sep 2024 19:49
 Operator : RC/JU
 Sample : P4030-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A-08-202409MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:38:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	80474	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	300219	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155038	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	243719	20.000	ng	0.00
76) Chrysene-d12	14.033	240	126569	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	139000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	560548	113.633	ng	0.01
7) Phenol-d6	6.510	99	711112	109.826	ng	0.00
23) Nitrobenzene-d5	7.445	82	549705	86.079	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	207319	125.605	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1022795	92.525	ng	0.00
79) Terphenyl-d14	12.980	244	762606	98.897	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	71895	36.327	ng	96
3) Pyridine	3.481	79	164651	37.733	ng	97
4) n-Nitrosodimethylamine	3.440	42	146130	38.637	ng	86
6) Aniline	6.539	93	245784	50.300	ng	# 84
8) 2-Chlorophenol	6.663	128	222586	43.834	ng	99
9) Benzaldehyde	6.428	77	50190	13.417	ng	97
10) Phenol	6.528	94	269621	40.885	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	220439	43.980	ng	99
12) 1,3-Dichlorobenzene	6.822	146	233000	40.347	ng	99
13) 1,4-Dichlorobenzene	6.898	146	236078	40.453	ng	99
14) 1,2-Dichlorobenzene	7.045	146	229181	41.561	ng	99
15) Benzyl Alcohol	7.022	79	237772	46.028	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	403603	52.250	ng	96
17) 2-Methylphenol	7.134	107	187984	46.595	ng	98
18) Hexachloroethane	7.392	117	86089	38.730	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	189106	49.286	ng	100
20) 3+4-Methylphenols	7.286	107	240283	43.654	ng	90
22) Acetophenone	7.286	105	334586	42.630	ng	99
24) Nitrobenzene	7.463	77	270522	41.159	ng	98
25) Isophorone	7.698	82	511933	50.688	ng	99
26) 2-Nitrophenol	7.775	139	115655	45.166	ng	95
27) 2,4-Dimethylphenol	7.816	122	198522	58.774	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	284523	49.430	ng	98
29) 2,4-Dichlorophenol	8.022	162	199237	46.431	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	202387	40.479	ng	99
31) Naphthalene	8.186	128	684169	43.652	ng	100
32) Benzoic acid	7.934	122	124524	39.394	ng	93
33) 4-Chloroaniline	8.228	127	181951	37.948	ng	99
34) Hexachlorobutadiene	8.298	225	137609	40.511	ng	99
35) Caprolactam	8.604	113	52498m	39.772	ng	
36) 4-Chloro-3-methylphenol	8.716	107	230796	47.062	ng	96
37) 2-Methylnaphthalene	8.875	142	456021	45.839	ng	99
38) 1-Methylnaphthalene	8.975	142	432829	44.316	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	220284	47.942	ng	98
41) Hexachlorocyclopentadiene	9.022	237	204580	127.518	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	151727	50.755	ng	98

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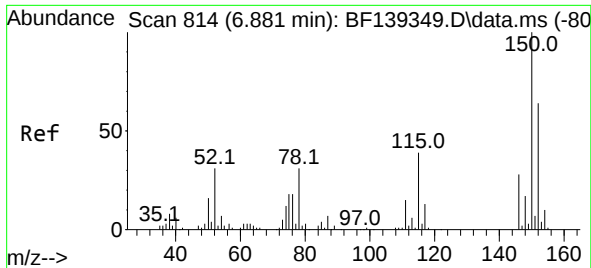
Manual Integrations
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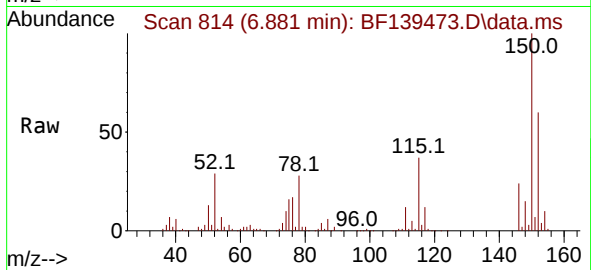
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	157031	49.799	ng	98
46) 1,1'-Biphenyl	9.339	154	580020	48.629	ng	100
47) 2-Chloronaphthalene	9.363	162	430829	48.309	ng	99
48) 2-Nitroaniline	9.457	65	171909	51.825	ng	98
49) Acenaphthylene	9.780	152	684051	50.955	ng	99
50) Dimethylphthalate	9.639	163	543917	53.452	ng	100
51) 2,6-Dinitrotoluene	9.698	165	113580	50.385	ng	98
52) Acenaphthene	9.951	154	498714	53.228	ng	99
53) 3-Nitroaniline	9.869	138	97497	43.277	ng	95
54) 2,4-Dinitrophenol	9.975	184	114379	91.057	ng	90
55) Dibenzofuran	10.122	168	642864	49.227	ng	96
56) 4-Nitrophenol	10.033	139	154012	82.618	ng	84
57) 2,4-Dinitrotoluene	10.104	165	150869	49.572	ng	97
58) Fluorene	10.463	166	502720	47.181	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	133562	51.203	ng	96
60) Diethylphthalate	10.339	149	543888	51.794	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	249847	48.249	ng	96
62) 4-Nitroaniline	10.486	138	108547	44.147	ng	90
63) Azobenzene	10.616	77	518736	50.225	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	70427	54.751	ng	94
66) n-Nitrosodiphenylamine	10.575	169	440113	61.766	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	144018	59.630	ng	99
68) Hexachlorobenzene	11.010	284	152570	53.825	ng	99
69) Atrazine	11.098	200	119499	70.444	ng	98
70) Pentachlorophenol	11.204	266	190885	112.230	ng	99
71) Phenanthrene	11.427	178	631272	53.687	ng	99
72) Anthracene	11.474	178	640107	55.679	ng	99
73) Carbazole	11.633	167	537405	48.841	ng	99
74) Di-n-butylphthalate	11.957	149	713187	58.185	ng	99
75) Fluoranthene	12.610	202	548120	43.650	ng	99
77) Benzidine	12.733	184	133522	73.632	ng	99
78) Pyrene	12.839	202	543212	49.984	ng	100
80) Butylbenzylphthalate	13.457	149	215512	58.260	ng	96
81) Benzo(a)anthracene	14.027	228	462805	55.202	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	143308	58.368	ng	98
83) Chrysene	14.063	228	414440	53.731	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	280140	59.531	ng	99
85) Di-n-octyl phthalate	14.621	149	482852	69.673	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	344704	41.705	ng	97
88) Benzo(b)fluoranthene	15.074	252	477203	55.666	ng	99
89) Benzo(k)fluoranthene	15.104	252	406067	51.374	ng	99
90) Benzo(a)pyrene	15.445	252	417607	58.738	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	294598	43.134	ng	99
92) Benzo(g,h,i)perylene	17.421	276	229733	33.972	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

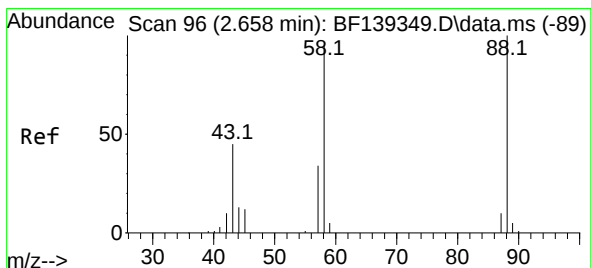
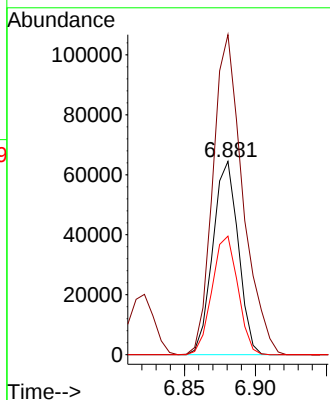
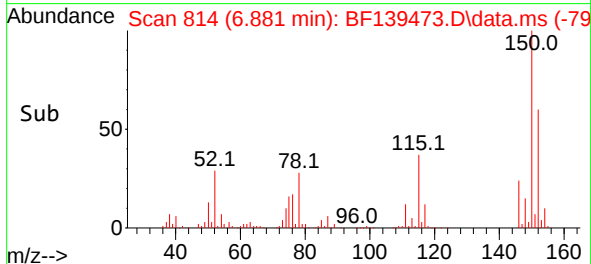
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:152 Resp: 80474
Ion Ratio Lower Upper
152 100
150 165.6 124.1 186.1
115 61.4 48.1 72.1

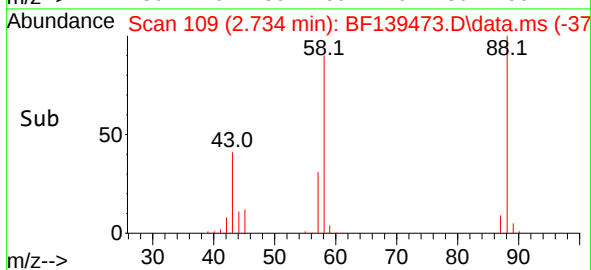
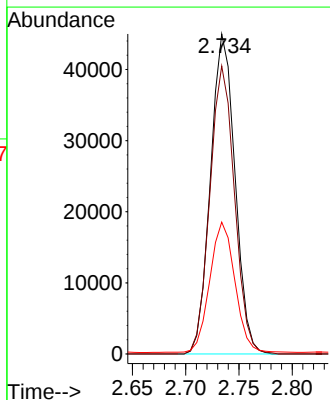
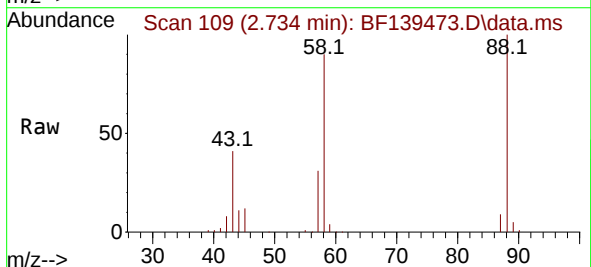
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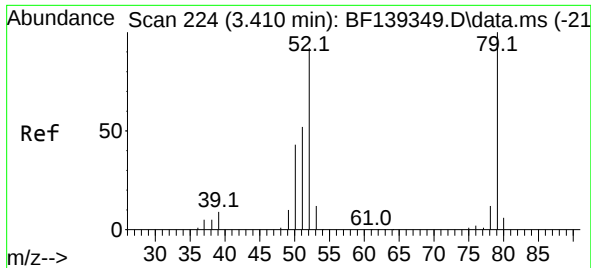
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 36.327 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.076 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion: 88 Resp: 71895
Ion Ratio Lower Upper
88 100
58 90.6 74.8 112.2
43 41.8 36.4 54.6





#3

Pyridine

Concen: 37.733 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

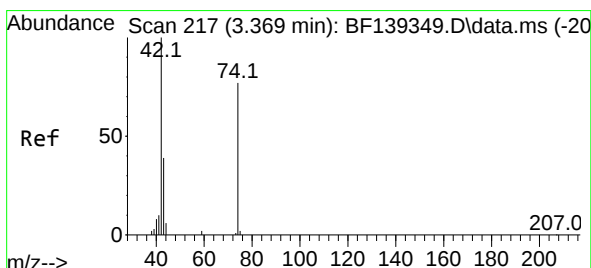
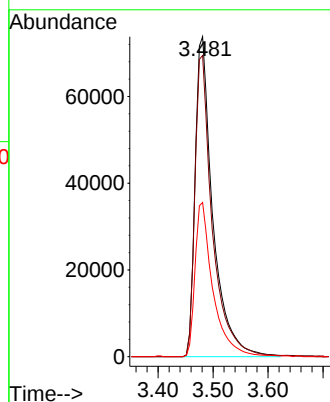
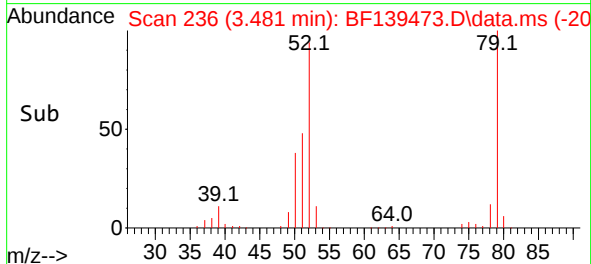
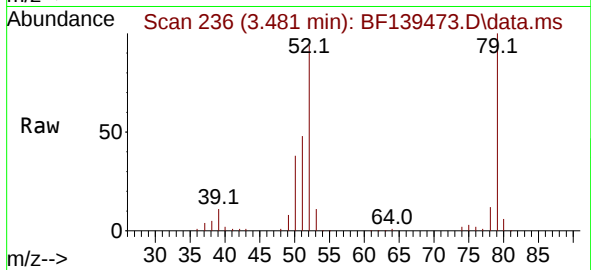
Tgt Ion:	79	Resp:	16465
Ion Ratio	Lower	Upper	
79	100		
52	94.1	73.8	110.8
51	48.2	41.8	62.6

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 38.637 ng

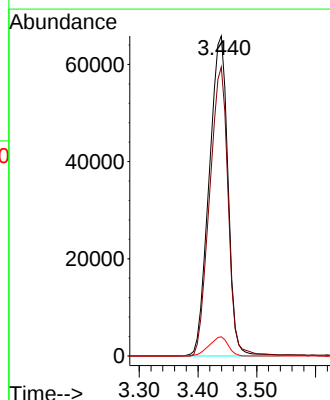
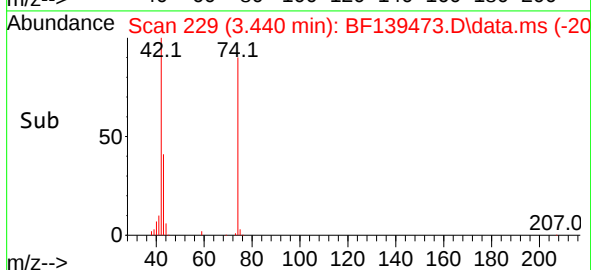
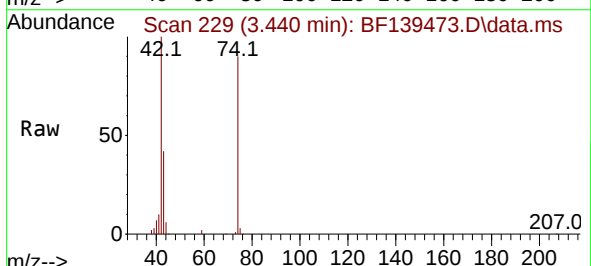
RT: 3.440 min Scan# 229

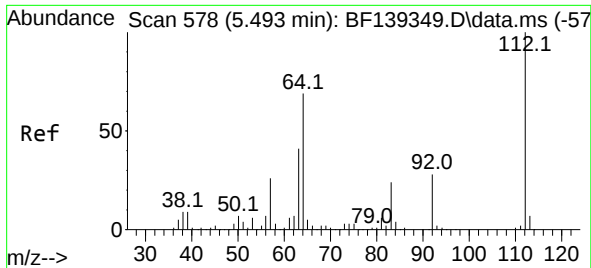
Delta R.T. 0.070 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

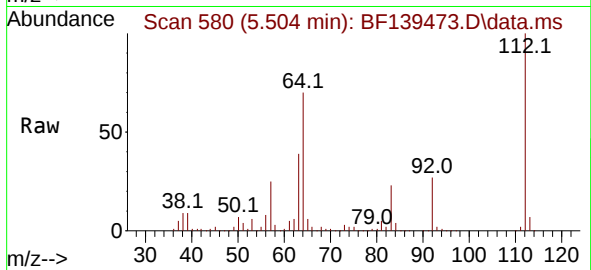
Tgt Ion:	42	Resp:	146130
Ion Ratio	Lower	Upper	
42	100		
74	90.3	61.8	92.8
44	6.0	4.8	7.2





#5
2-Fluorophenol
Concen: 113.633 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

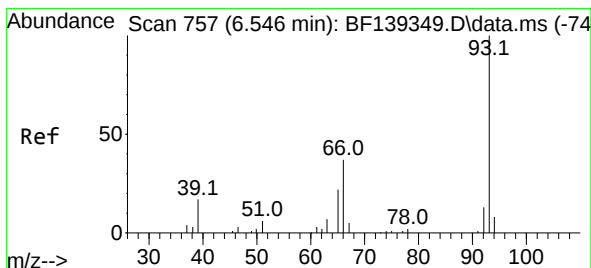
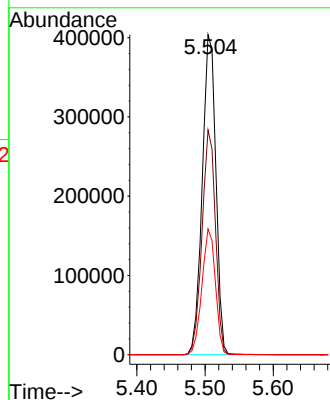
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:112 Resp: 560548
Ion Ratio Lower Upper
112 100
64 70.2 54.8 82.2
63 39.3 33.0 49.4

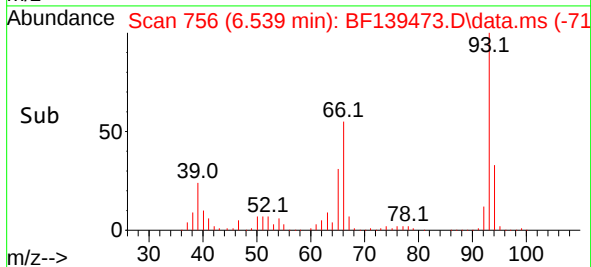
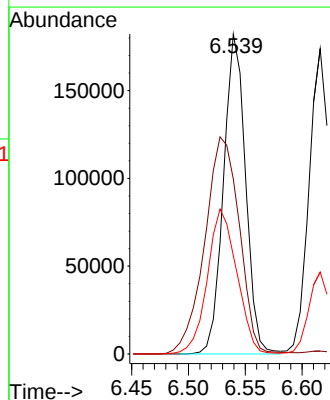
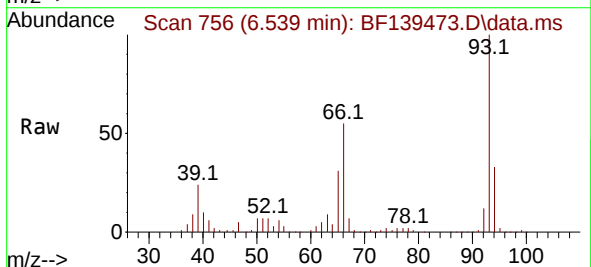
Manual Integrations
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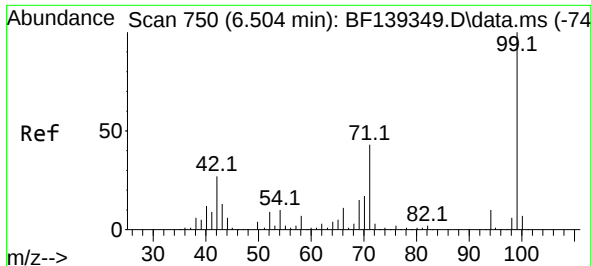
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 50.300 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion: 93 Resp: 245784
Ion Ratio Lower Upper
93 100
66 54.6 35.4 53.0#
65 30.8 18.2 27.4#





#7

Phenol-d6

Concen: 109.826 ng

RT: 6.510 min Scan# 711

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

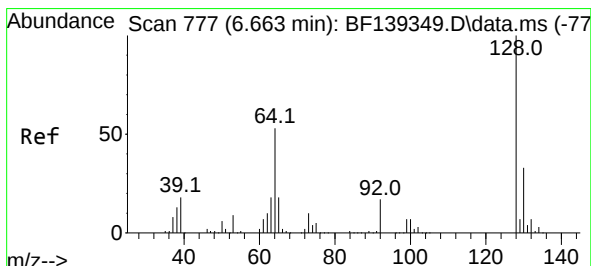
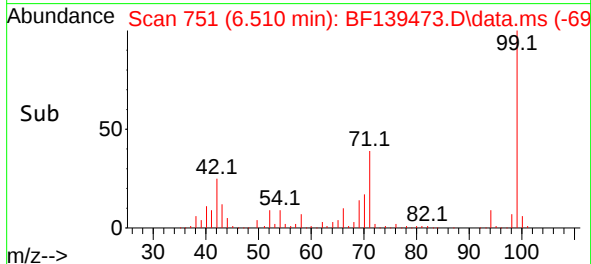
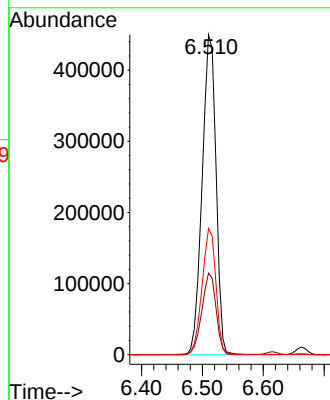
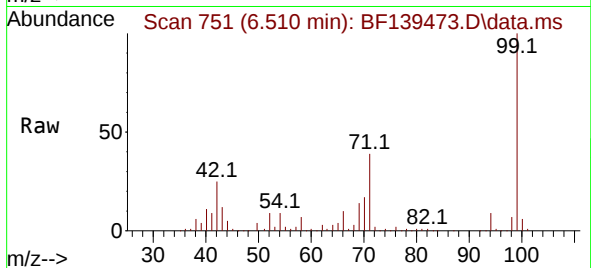
Tgt Ion: 99 Resp: 71111
 Ion Ratio Lower Upper
 99 100
 42 25.5 21.9 32.9
 71 39.4 34.6 52.0

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#8

2-Chlorophenol

Concen: 43.834 ng

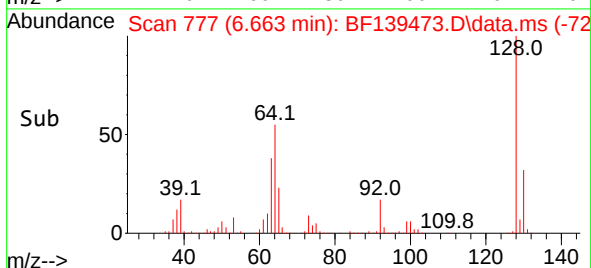
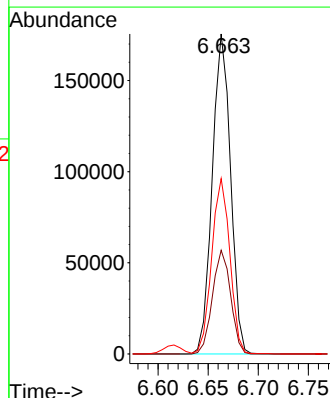
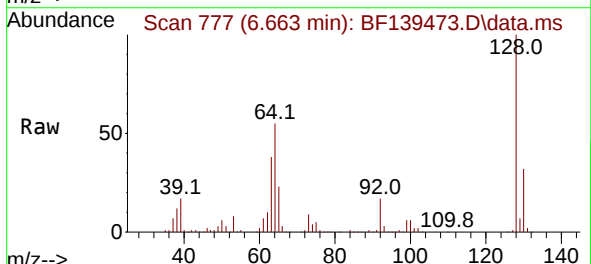
RT: 6.663 min Scan# 777

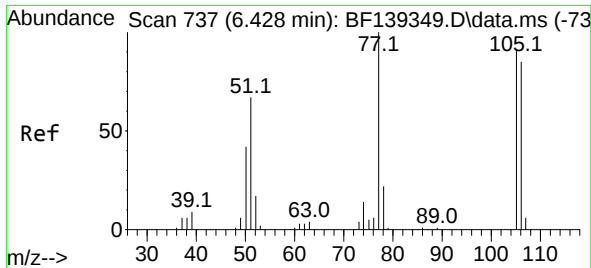
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

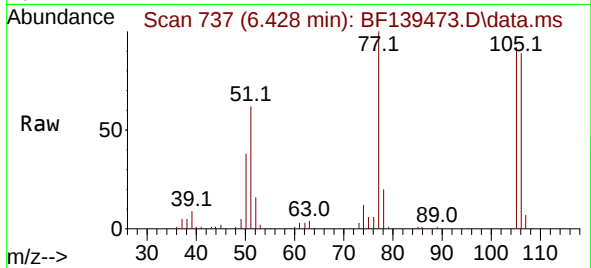
Tgt Ion:128 Resp: 222586
 Ion Ratio Lower Upper
 128 100
 130 32.4 12.8 52.8
 64 54.8 35.1 75.1





#9
Benzaldehyde
Concen: 13.417 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

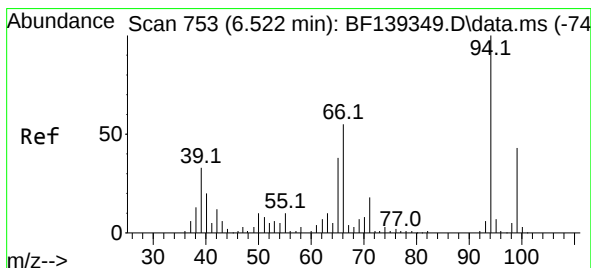
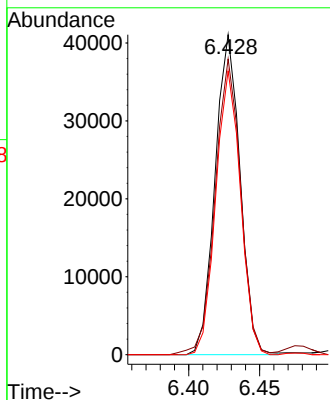
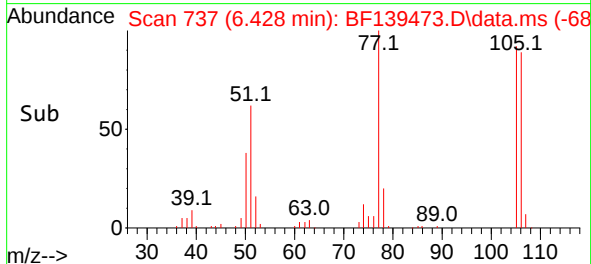
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion: 77 Resp: 50190
Ion Ratio Lower Upper
77 100
105 92.4 71.0 111.0
106 88.7 64.9 104.9

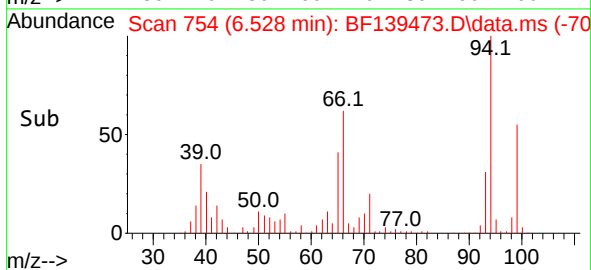
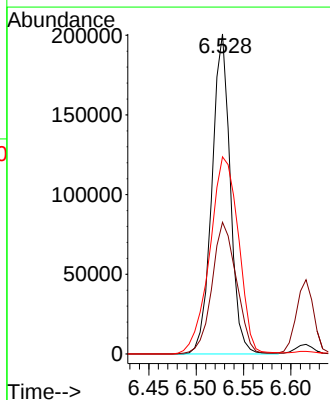
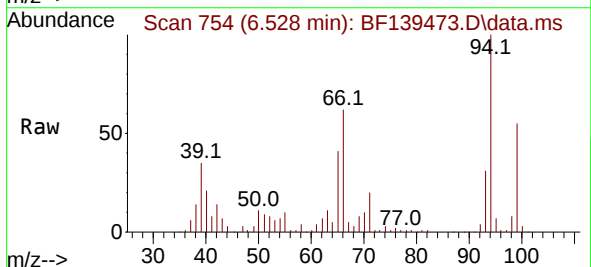
Manual Integrations
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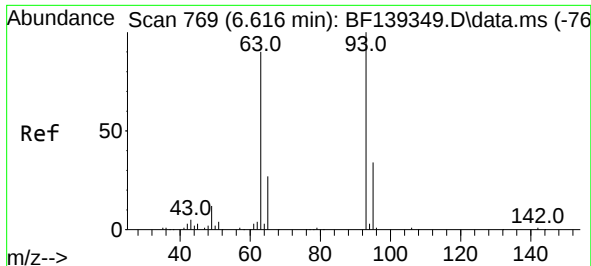
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 40.885 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

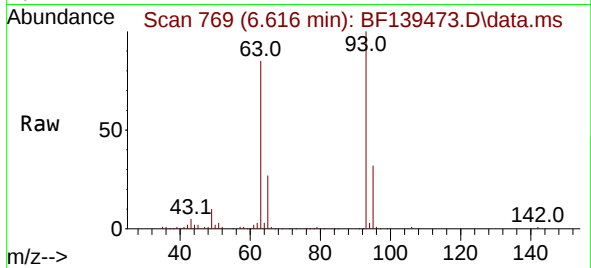
Tgt Ion: 94 Resp: 269621
Ion Ratio Lower Upper
94 100
65 41.1 17.6 57.6
66 61.6 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 43.980 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

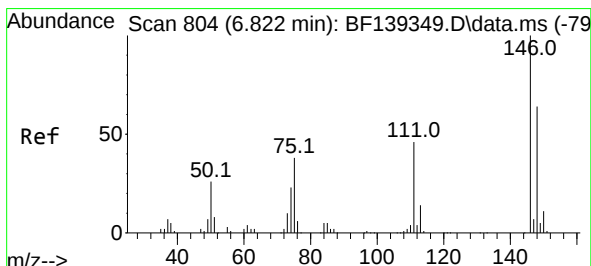
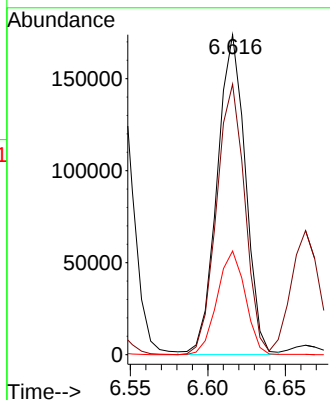
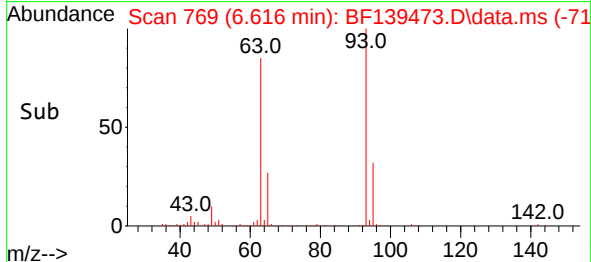
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



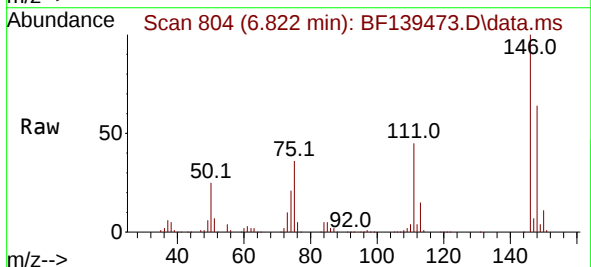
Tgt Ion: 93 Resp: 220439
Ion Ratio Lower Upper
93 100
63 84.5 65.3 105.3
95 32.4 12.4 52.4

Manual Integrations
APPROVED

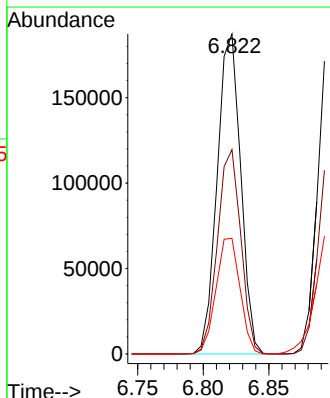
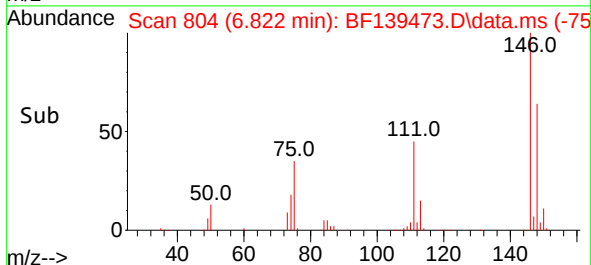
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

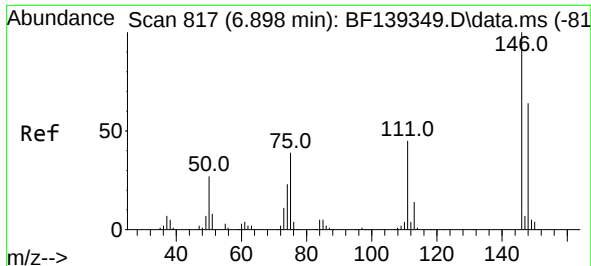


#12
1,3-Dichlorobenzene
Concen: 40.347 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:146 Resp: 233000
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 36.1 30.6 46.0





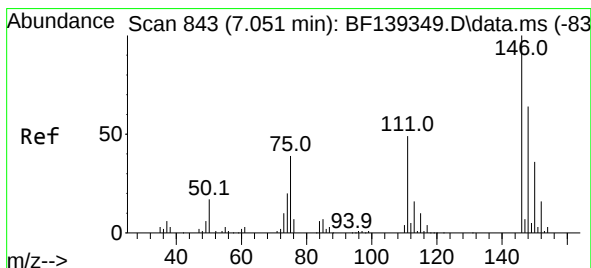
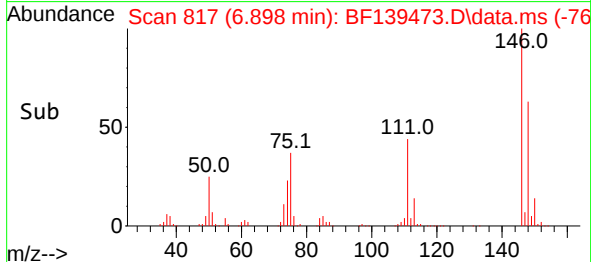
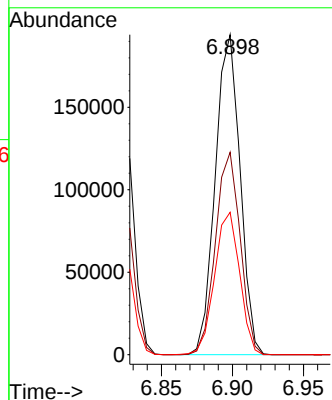
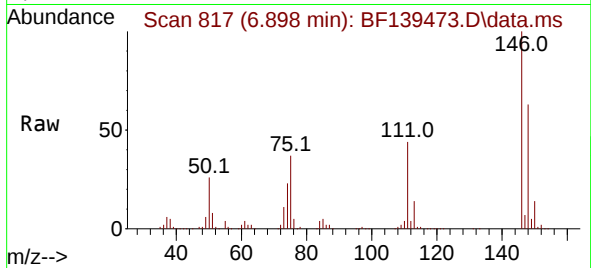
#13
1,4-Dichlorobenzene
Concen: 40.453 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion:146 Resp: 236078
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 44.5 36.3 54.5

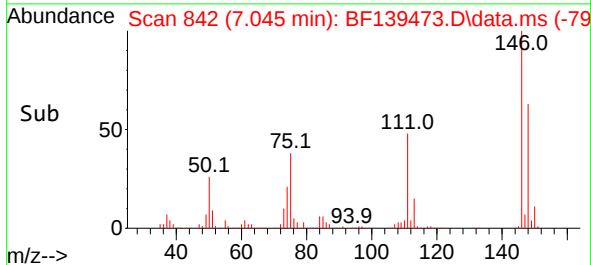
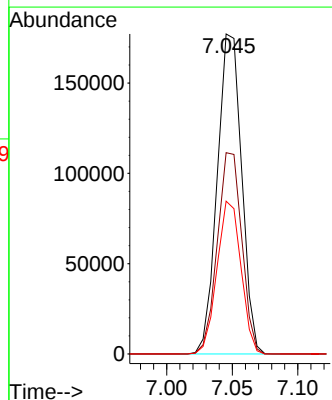
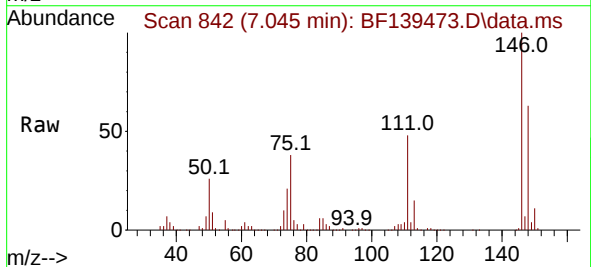
Manual Integrations
APPROVED

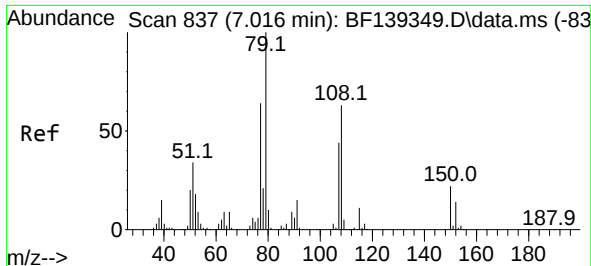
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 41.561 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

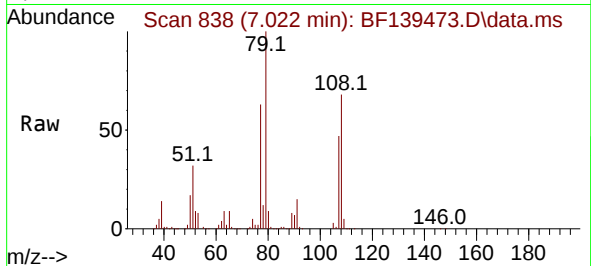
Tgt Ion:146 Resp: 229181
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 47.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 46.028 ng
RT: 7.022 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

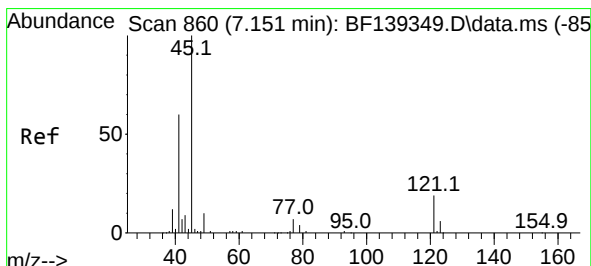
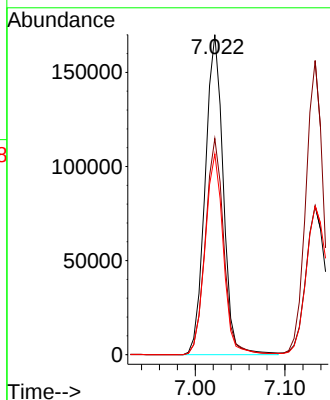
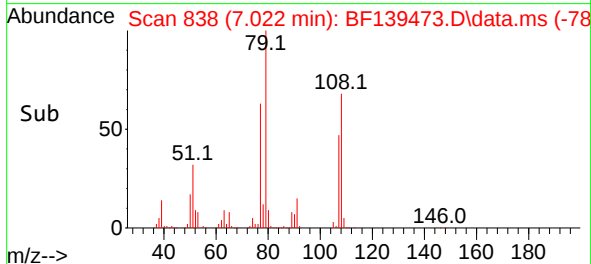
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion: 79 Resp: 237772
Ion Ratio Lower Upper
79 100
108 67.5 50.4 75.6
77 62.7 51.4 77.2

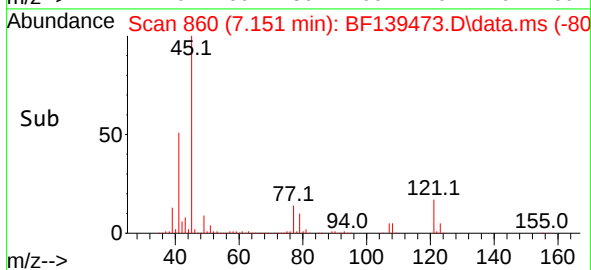
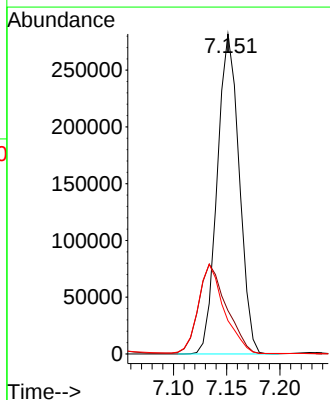
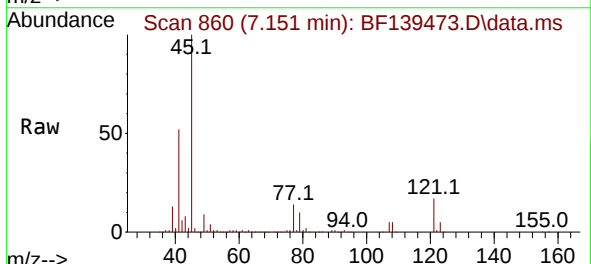
Manual Integrations
APPROVED

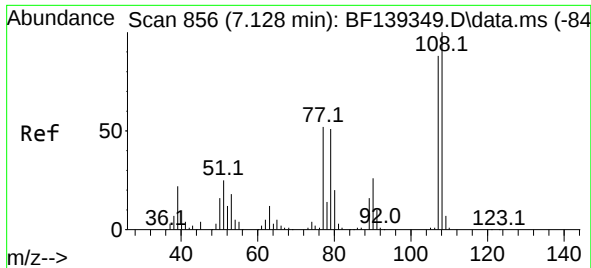
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.250 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

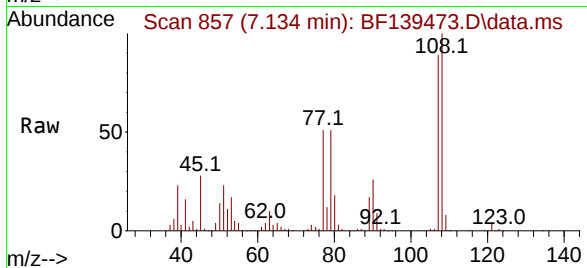
Tgt Ion: 45 Resp: 403603
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.0
79 10.4 0.0 29.1





#17
2-Methylphenol
Concen: 46.595 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

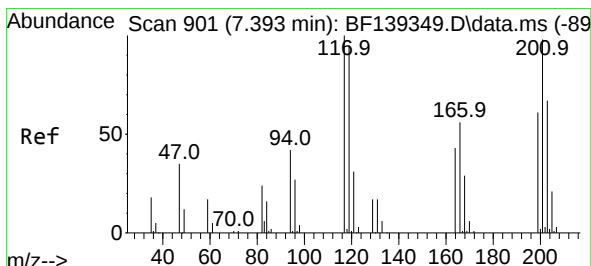
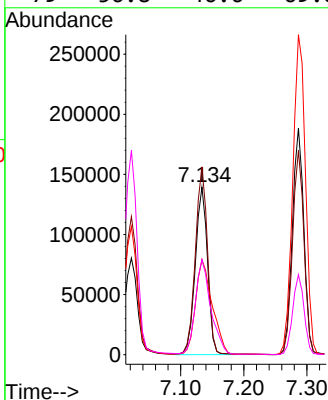
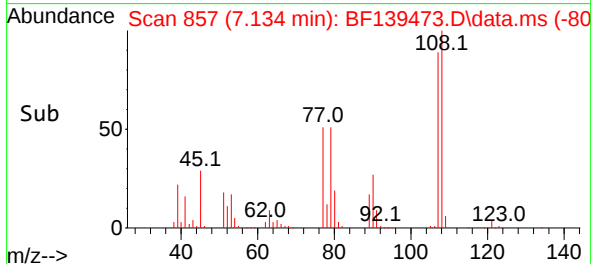
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:107 Resp: 187984
Ion Ratio Lower Upper
107 100
108 112.1 90.5 135.7
77 56.7 47.1 70.7
79 56.8 46.6 69.8

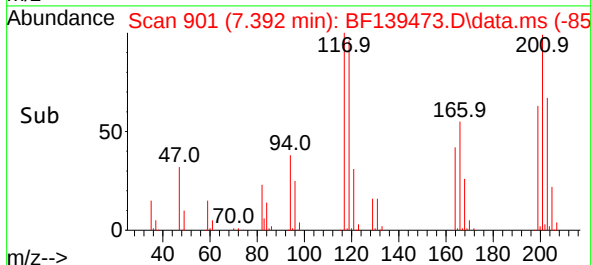
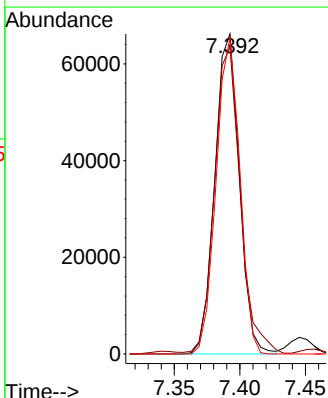
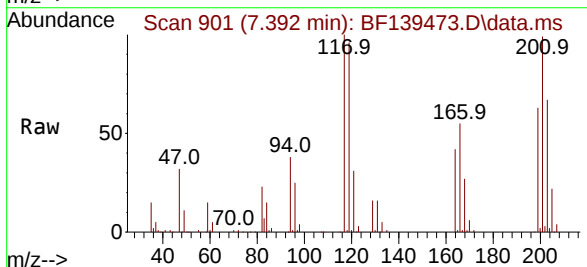
Manual Integrations
APPROVED

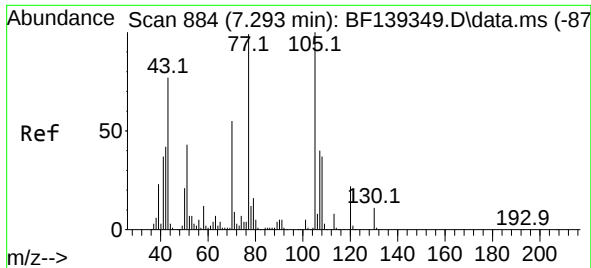
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 38.730 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

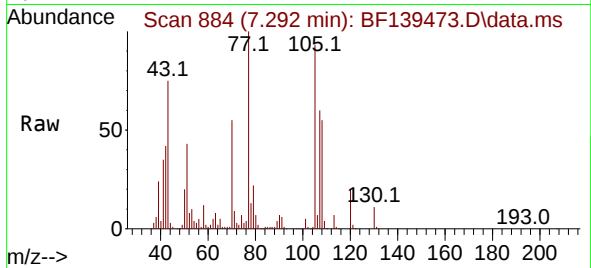
Tgt Ion:117 Resp: 86089
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 98.8 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.286 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

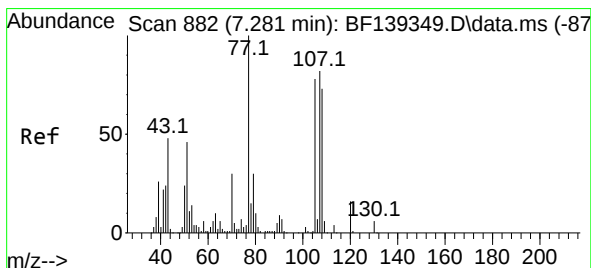
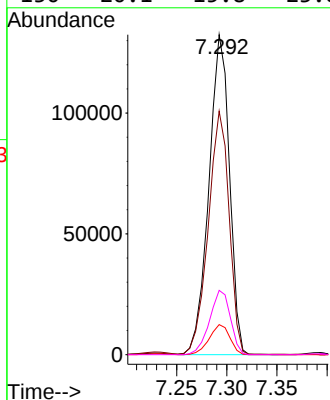
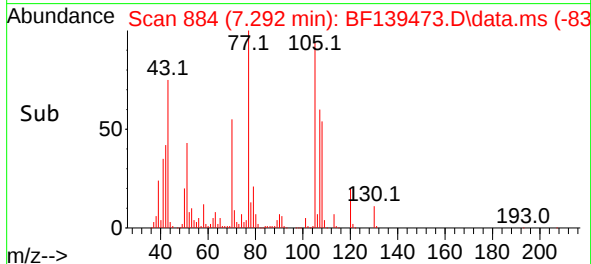
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion: 70 Resp: 189100
Ion Ratio Lower Upper
70 100
42 76.1 61.2 91.8
101 9.4 7.5 11.3
130 20.1 15.8 23.8

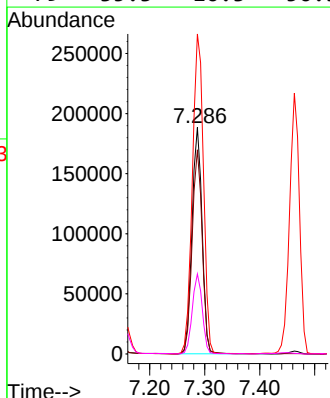
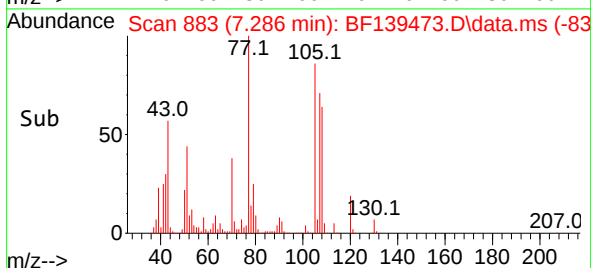
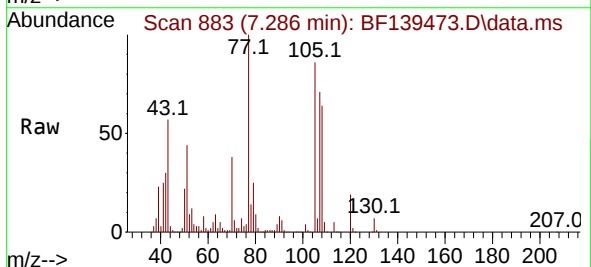
Manual Integrations
APPROVED

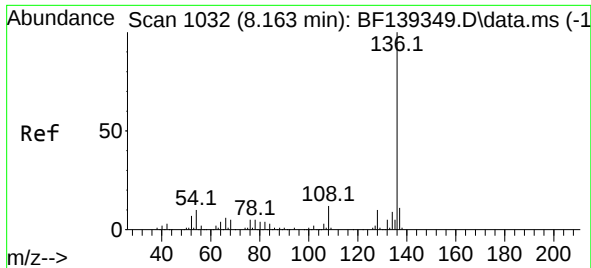
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 43.654 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

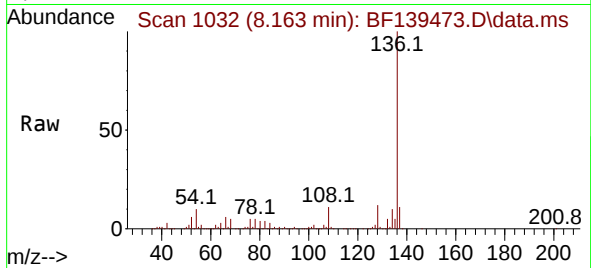
Tgt Ion:107 Resp: 240283
Ion Ratio Lower Upper
107 100
108 90.2 68.6 108.6
77 141.3 101.6 141.6
79 35.3 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

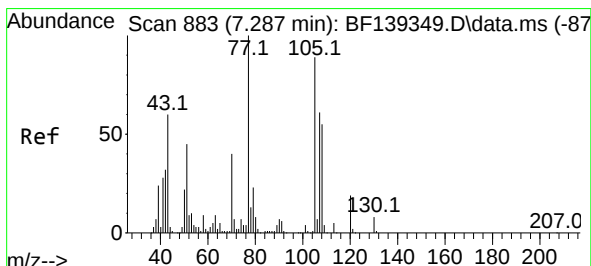
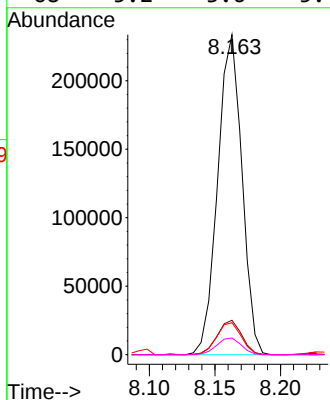
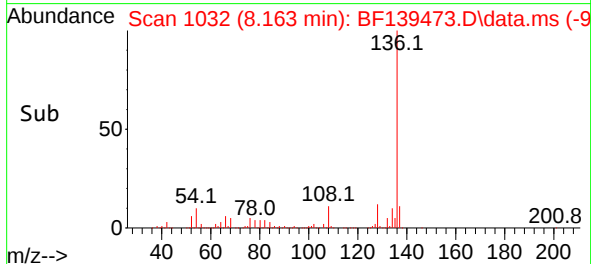
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



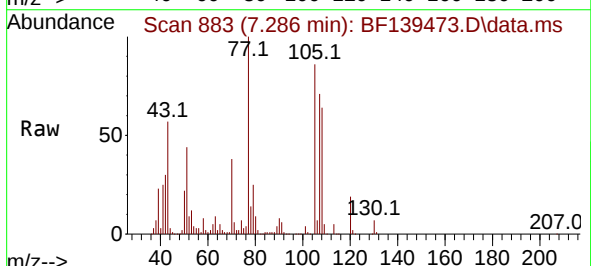
Tgt Ion:136 Resp: 300219
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 7.8 11.8
68 5.2 3.6 5.4

Manual Integrations
APPROVED

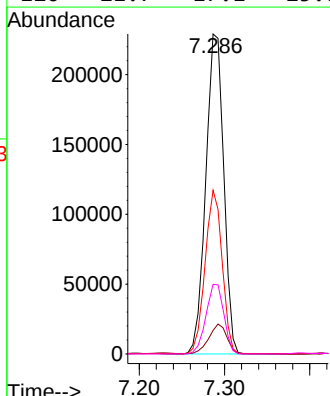
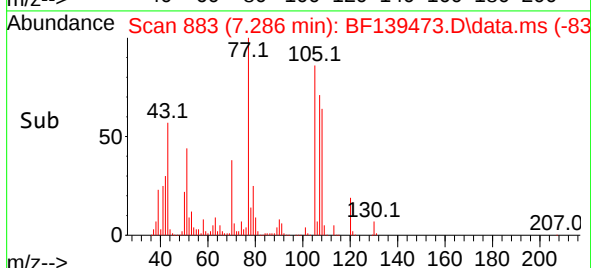
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

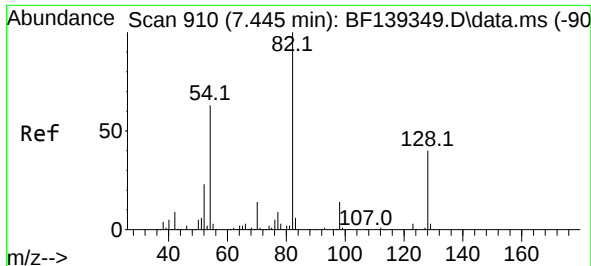


#22
Acetophenone
Concen: 42.630 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:105 Resp: 334586
Ion Ratio Lower Upper
105 100
71 7.3 5.9 8.9
51 51.2 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 86.079 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

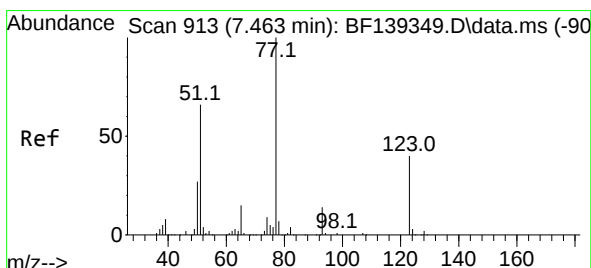
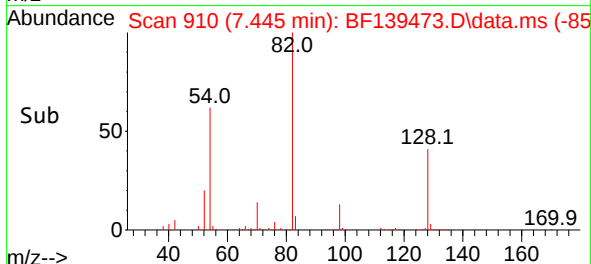
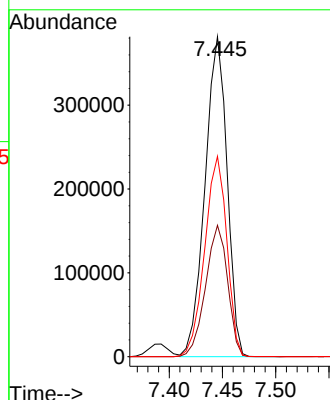
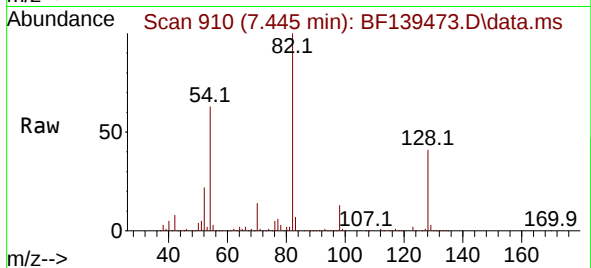
ClientSampleId :

WC-A-08-202409MS

Tgt Ion: 82 Resp: 549705
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 62.6 50.6 75.8

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 41.159 ng

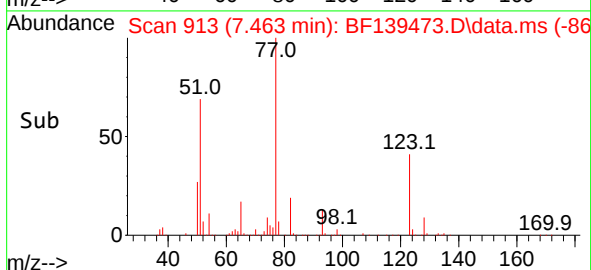
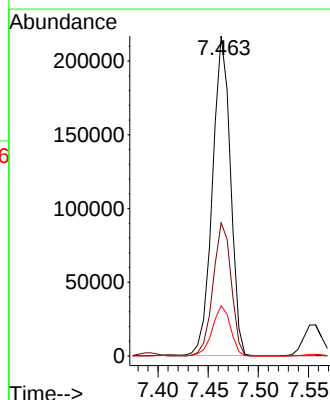
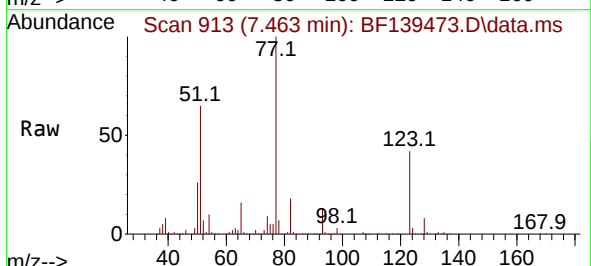
RT: 7.463 min Scan# 913

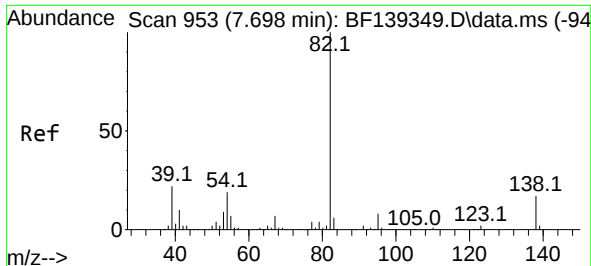
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Tgt Ion: 77 Resp: 270522
 Ion Ratio Lower Upper
 77 100
 123 41.6 32.2 48.4
 65 15.7 12.2 18.4





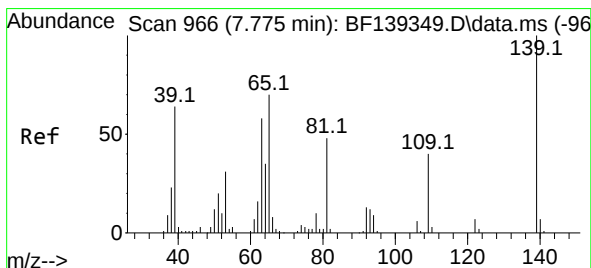
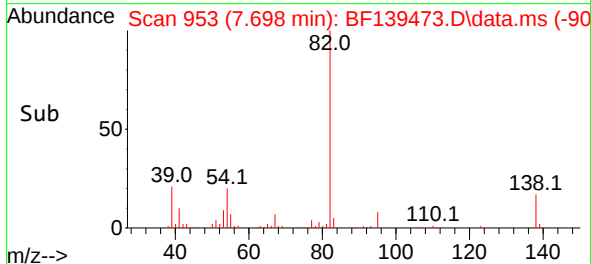
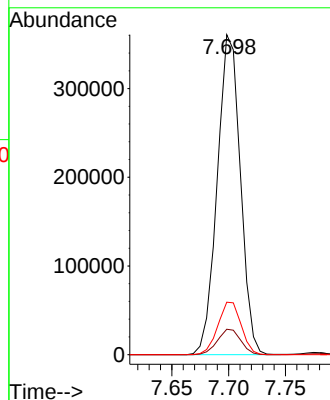
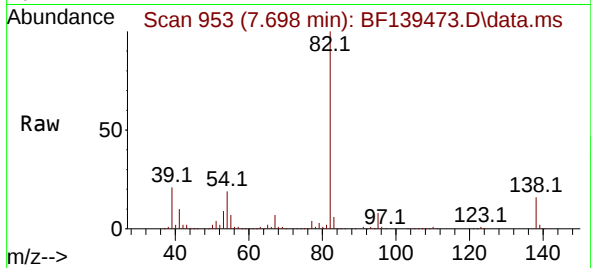
#25
Isophorone
Concen: 50.688 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion: 82 Resp: 51193
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.4 13.3 19.9

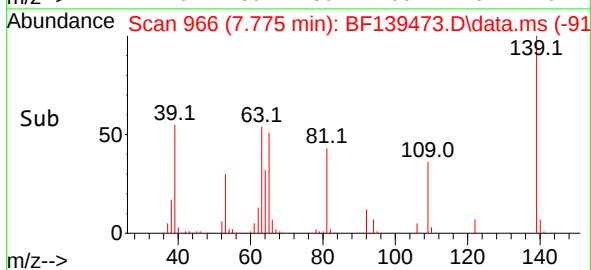
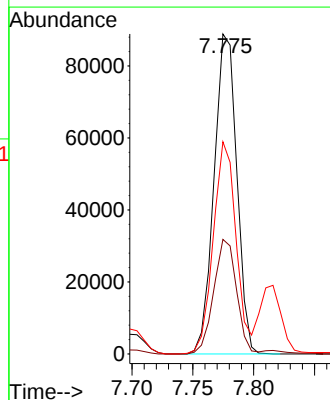
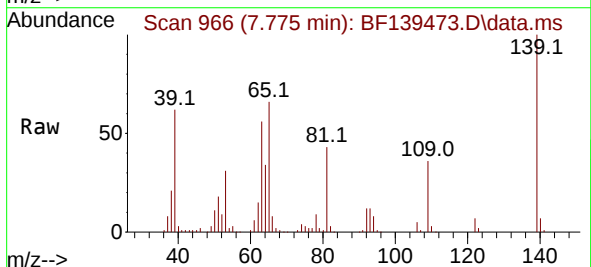
Manual Integrations
APPROVED

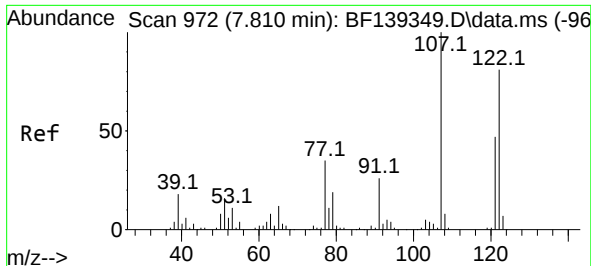
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 45.166 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:139 Resp: 115655
Ion Ratio Lower Upper
139 100
109 35.8 32.2 48.2
65 66.3 55.8 83.8





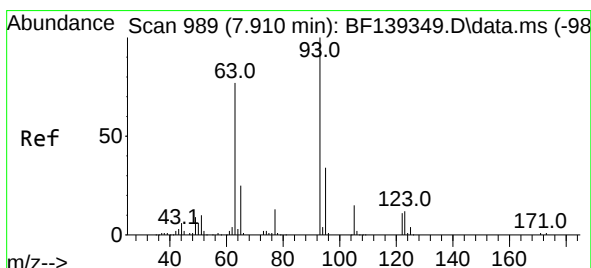
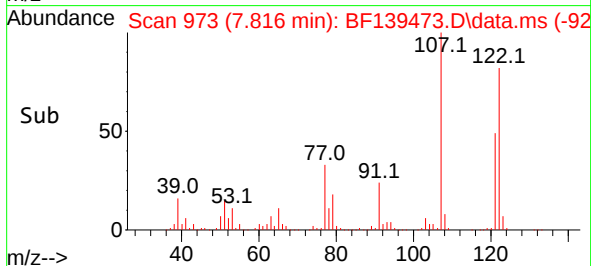
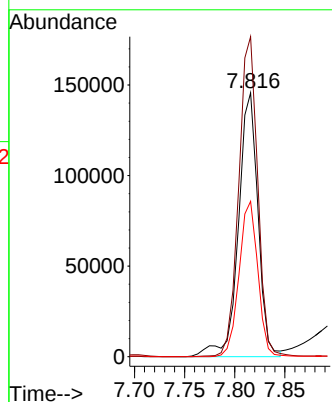
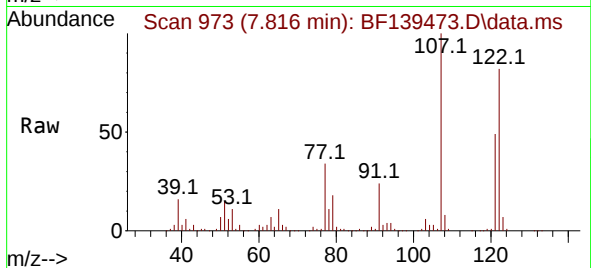
#27
2,4-Dimethylphenol
Concen: 58.774 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion:122 Resp: 19852
Ion Ratio Lower Upper
122 100
107 121.3 99.1 148.7
121 58.9 46.6 70.0

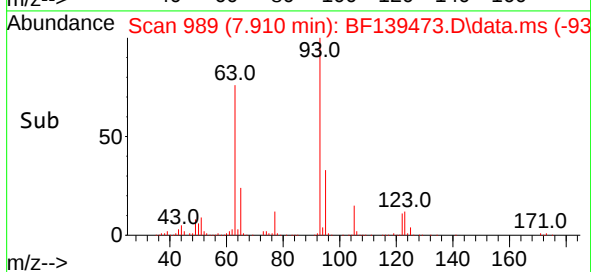
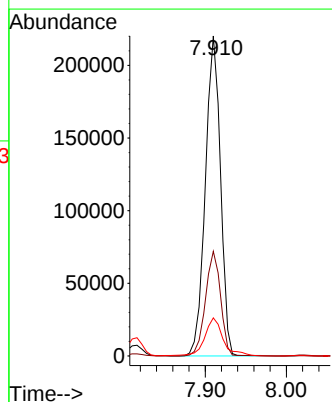
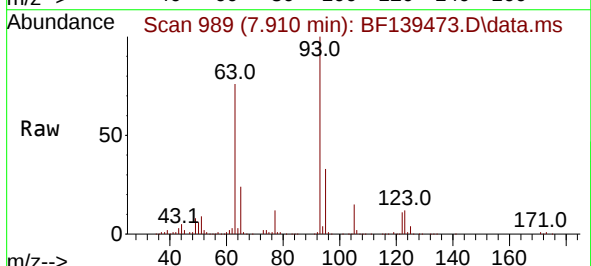
Manual Integrations
APPROVED

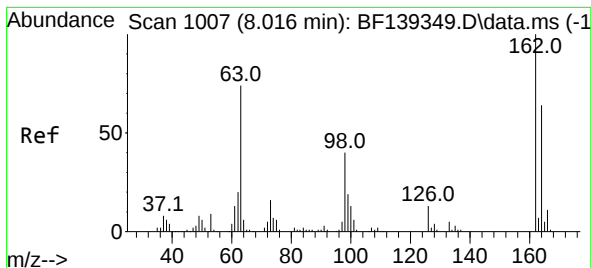
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.430 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

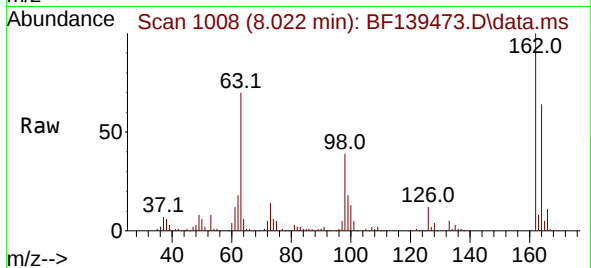
Tgt Ion: 93 Resp: 284523
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 46.431 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

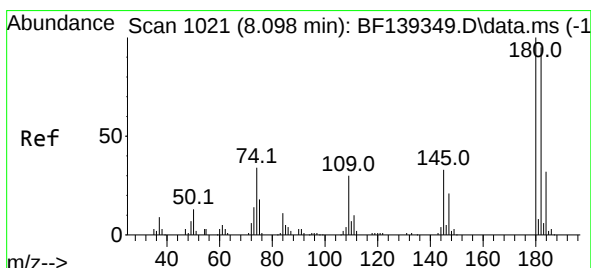
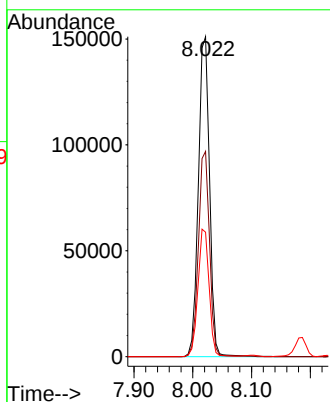
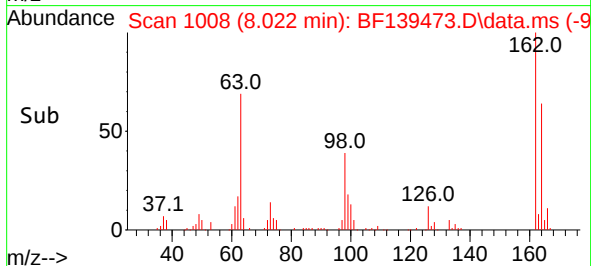
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:162 Resp: 199237
Ion Ratio Lower Upper
162 100
164 64.2 43.6 83.6
98 38.9 19.7 59.7

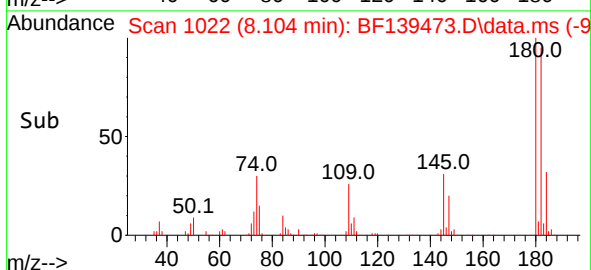
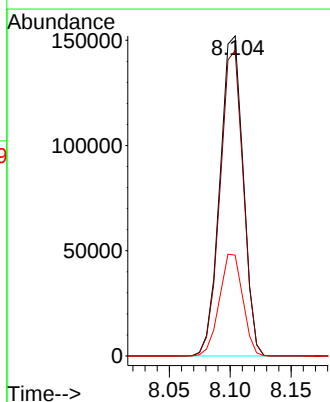
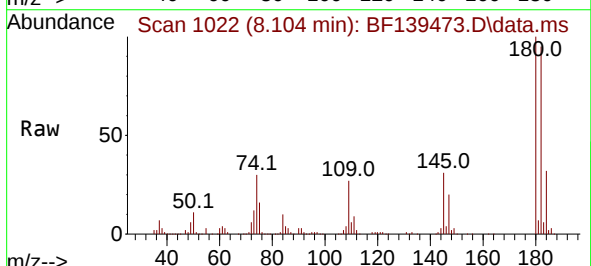
Manual Integrations
APPROVED

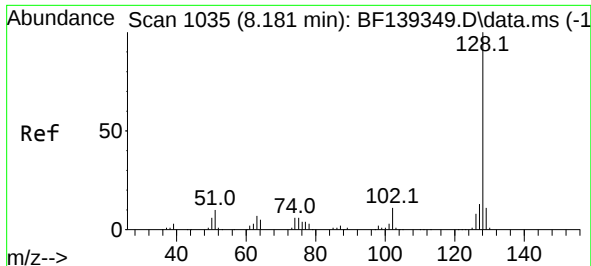
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.479 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

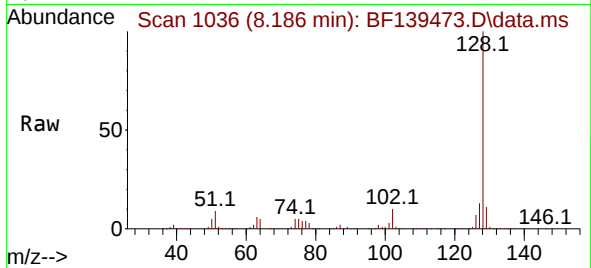
Tgt Ion:180 Resp: 202387
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 31.5 26.5 39.7





#31
Naphthalene
Concen: 43.652 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

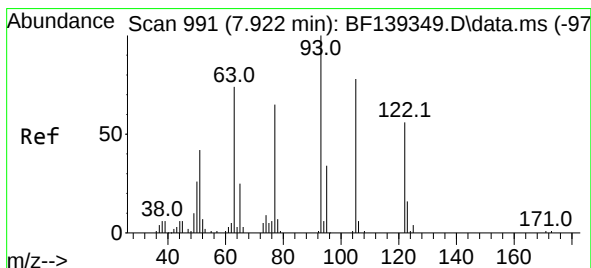
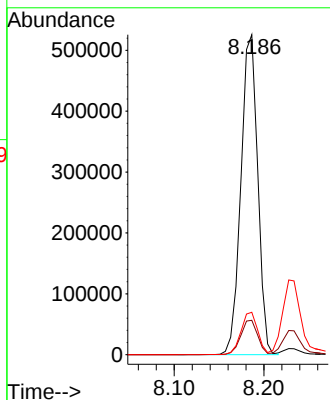
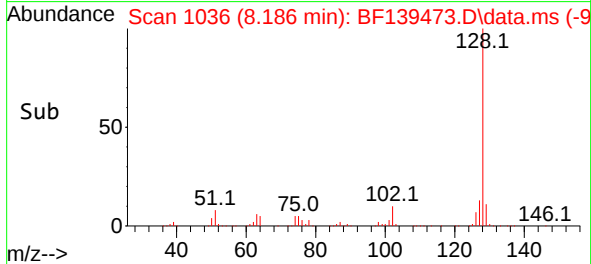
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:128 Resp: 684169
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.6 16.0

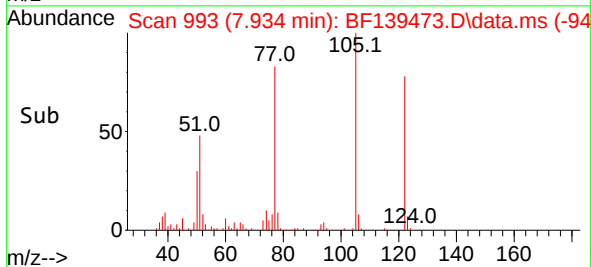
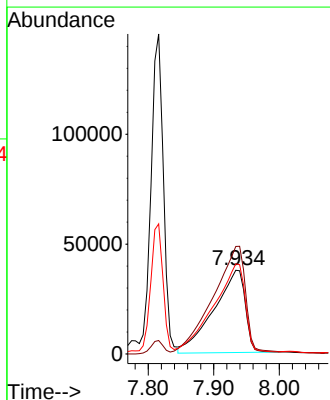
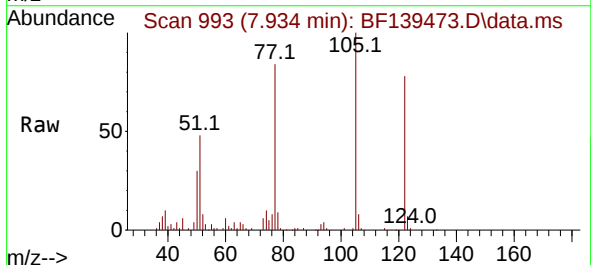
Manual Integrations
APPROVED

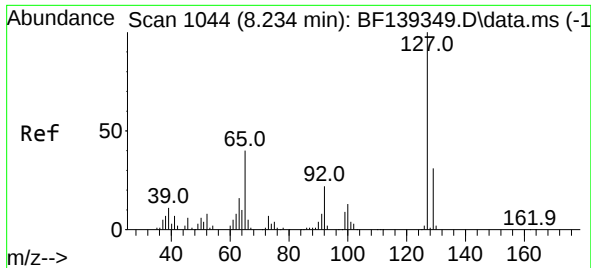
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 39.394 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:122 Resp: 124524
Ion Ratio Lower Upper
122 100
105 128.5 117.1 157.1
77 107.6 95.4 135.4





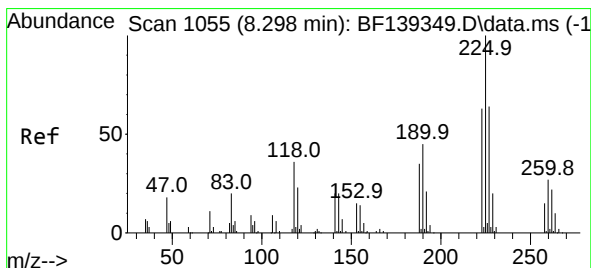
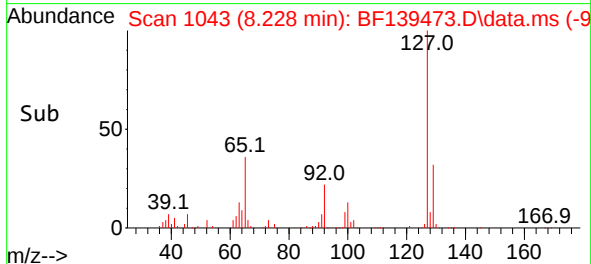
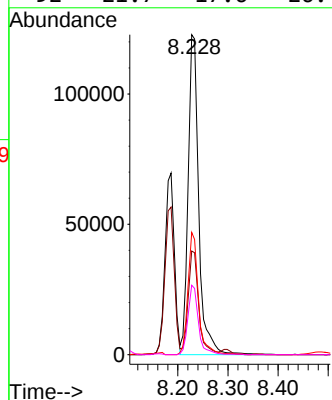
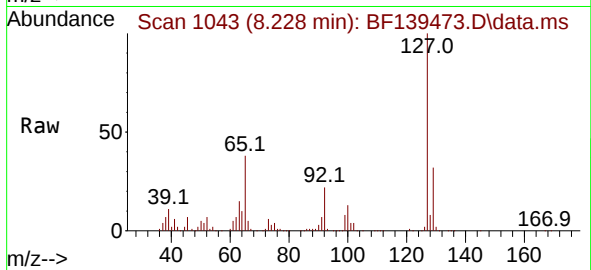
#33
4-Chloroaniline
Concen: 37.948 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion:	127	Resp:	18195
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.5	38.3
65	38.2	31.5	47.3
92	21.7	17.6	26.4

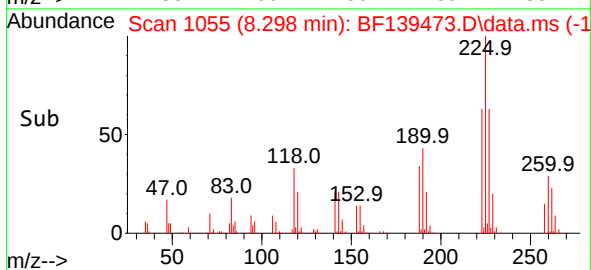
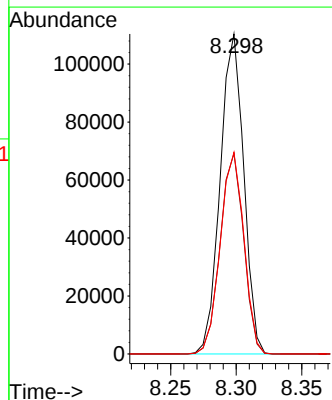
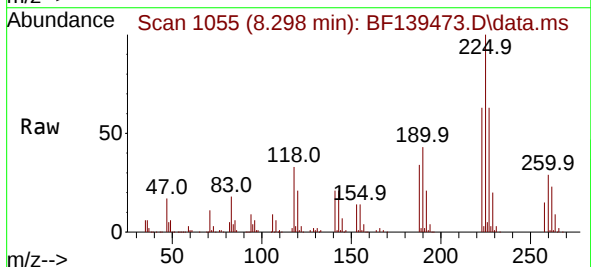
Manual Integrations
APPROVED

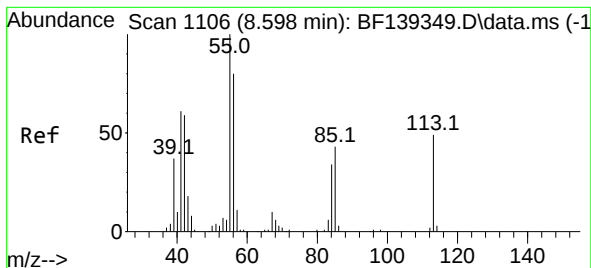
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 40.511 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:	225	Resp:	137609
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.1	75.1
227	63.0	51.0	76.6





#35

Caprolactam

Concen: 39.772 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

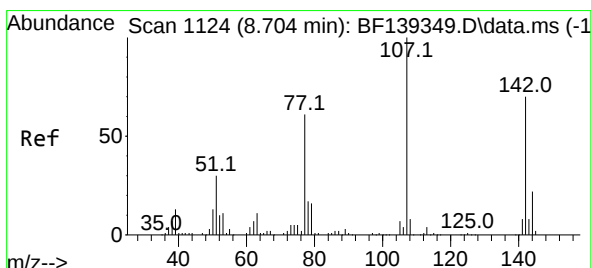
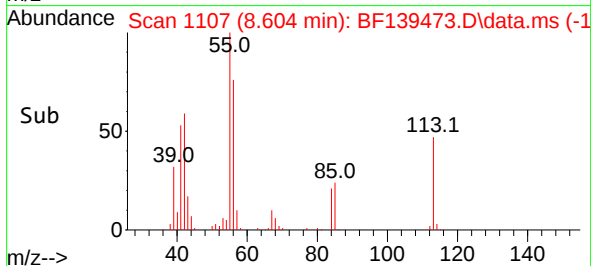
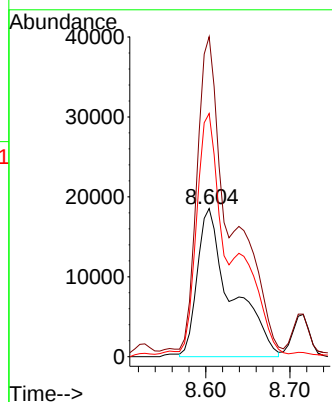
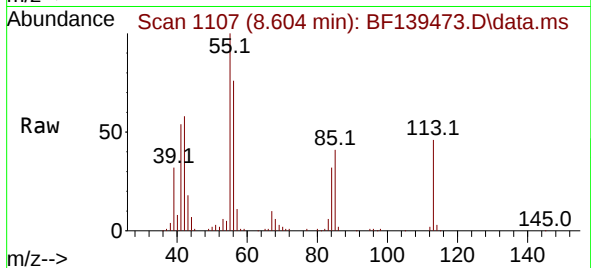
Tgt Ion:113	Resp:	52498
Ion Ratio	Lower	Upper
113	100	
55	216.0	186.1 226.1
56	164.2	144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 47.062 ng

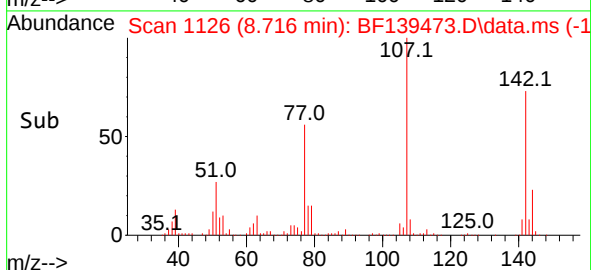
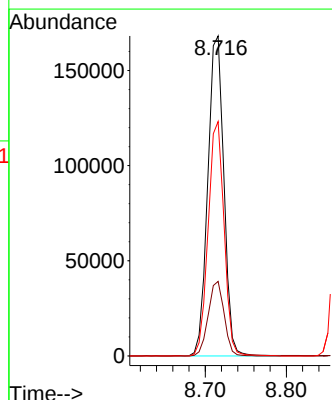
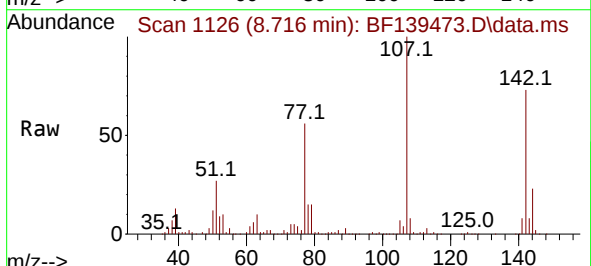
RT: 8.716 min Scan# 1126

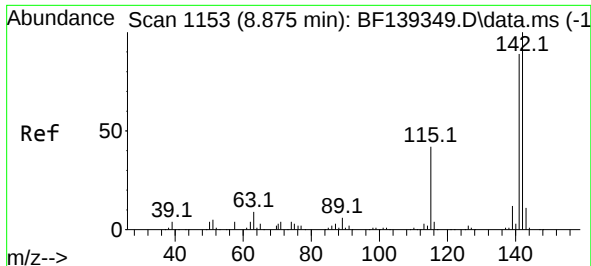
Delta R.T. 0.012 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Tgt Ion:107	Resp:	230796
Ion Ratio	Lower	Upper
107	100	
144	23.3	17.5 26.3
142	73.2	55.8 83.8





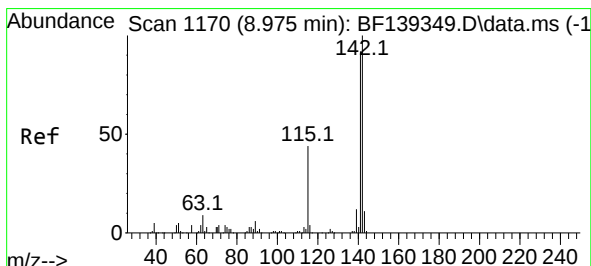
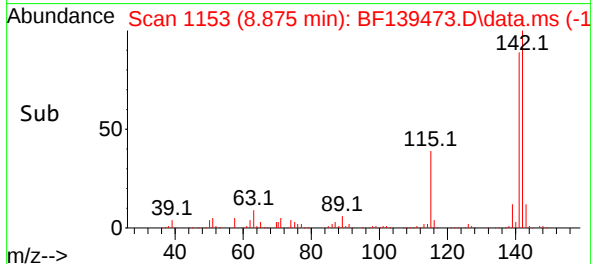
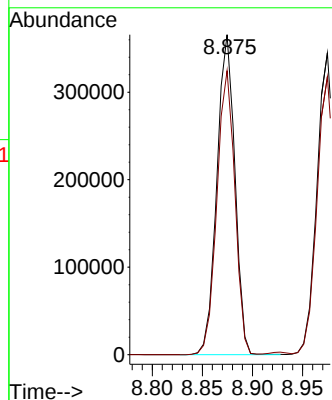
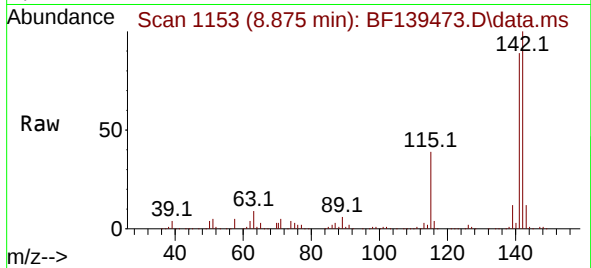
#37
2-Methylnaphthalene
Concen: 45.839 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion:142 Resp: 45602
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4

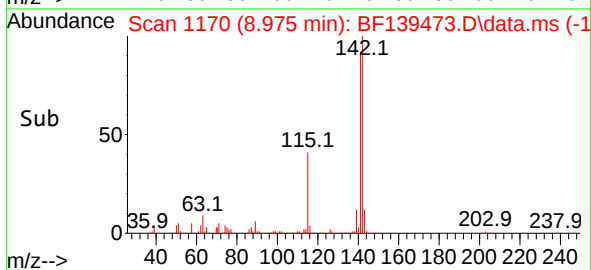
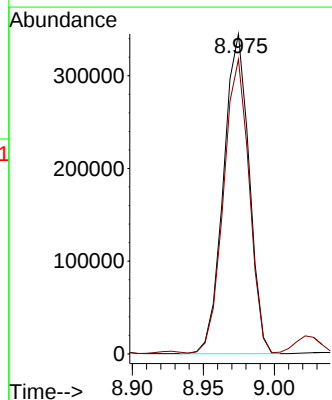
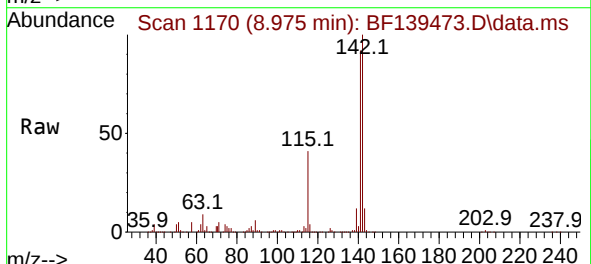
Manual Integrations
APPROVED

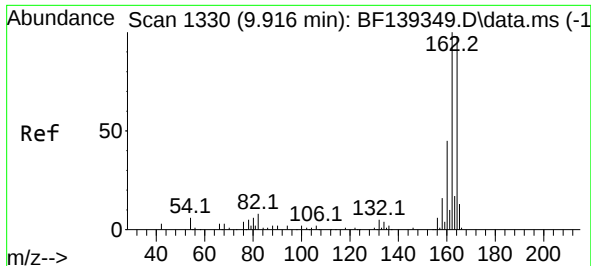
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 44.316 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

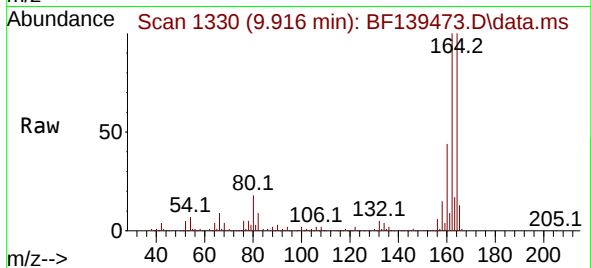
Tgt Ion:142 Resp: 432829
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

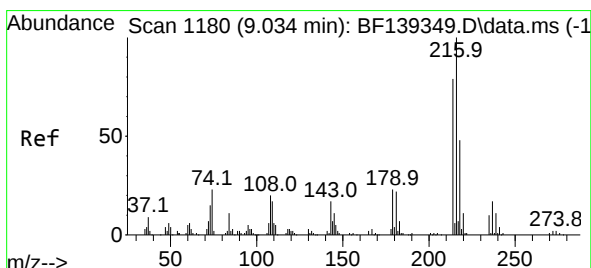
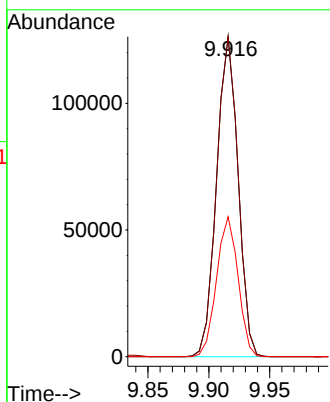
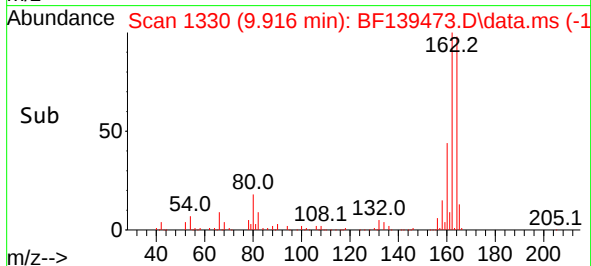
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



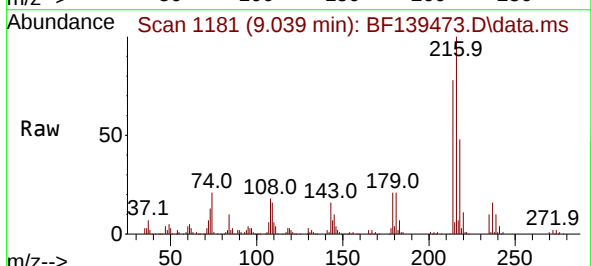
Tgt Ion:164 Resp: 155038
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 43.7 36.4 54.6

Manual Integrations
APPROVED

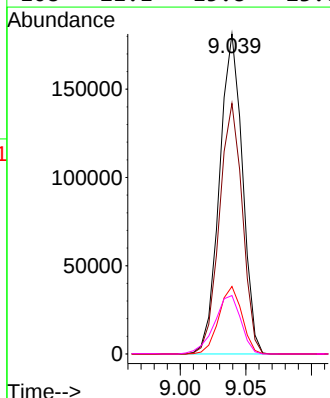
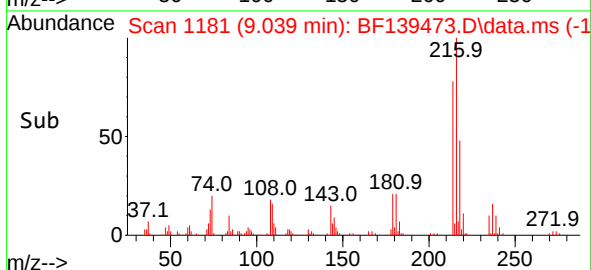
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

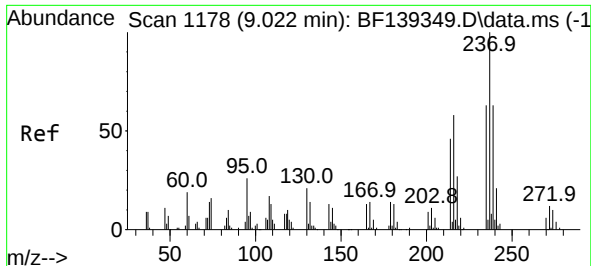


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.942 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



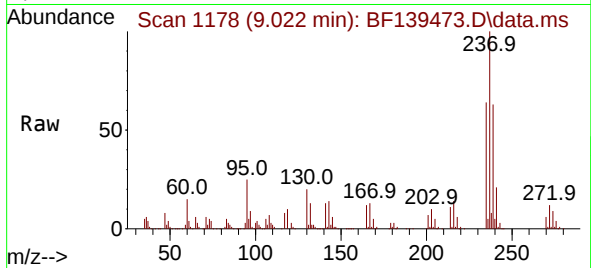
Tgt Ion:216 Resp: 220284
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.0
179 21.2 18.2 27.2
108 21.1 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 127.518 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

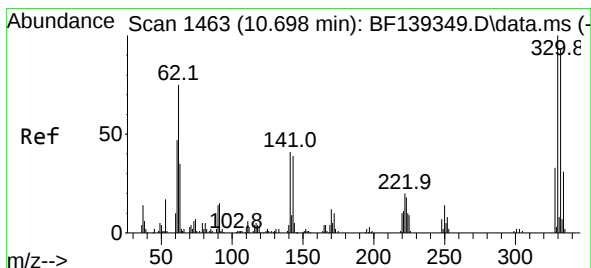
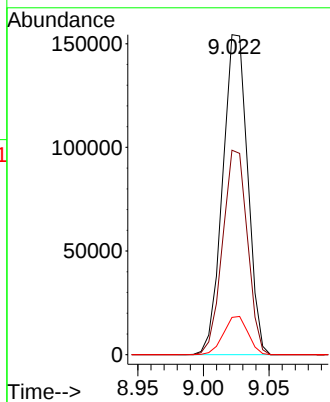
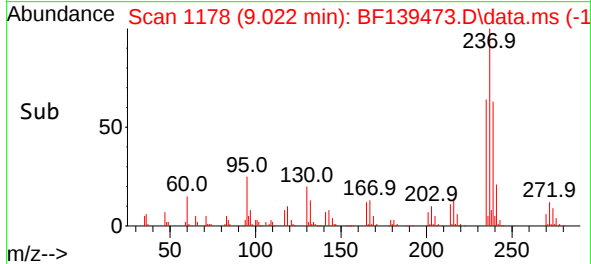
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



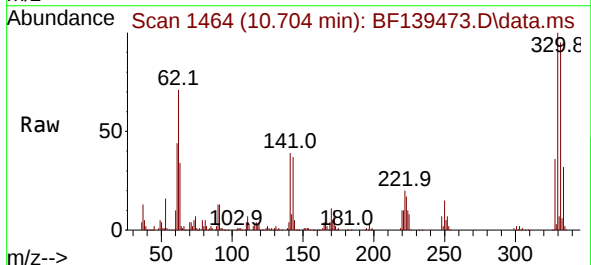
Tgt Ion: 237 Resp: 204580
Ion Ratio Lower Upper
237 100
235 63.9 42.7 82.7
272 11.7 0.0 32.5

Manual Integrations
APPROVED

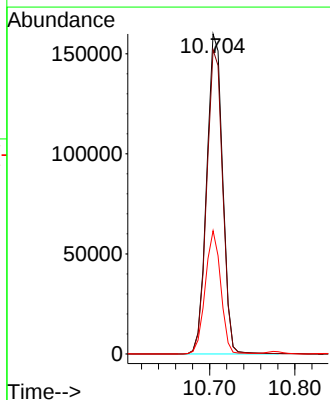
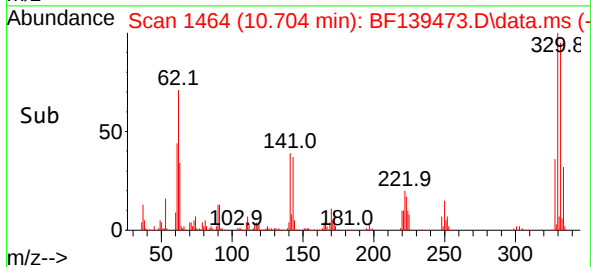
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

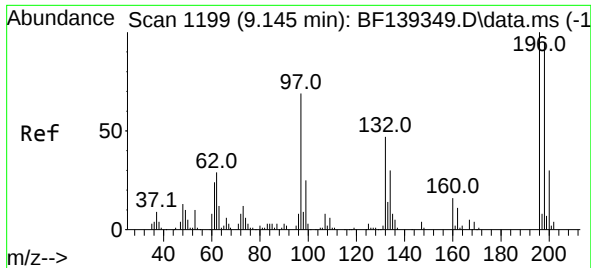


#42
2,4,6-Tribromophenol
Concen: 125.605 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion: 330 Resp: 207319
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 37.5 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 50.755 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

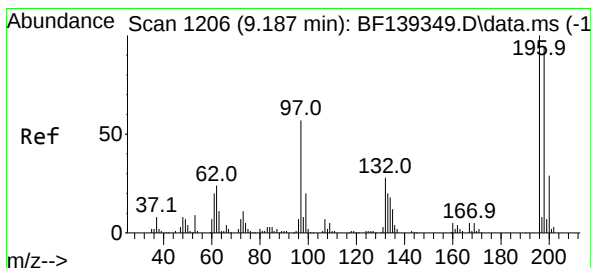
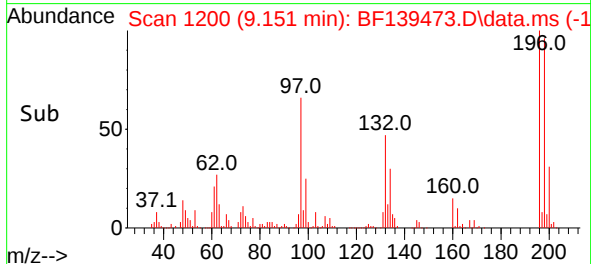
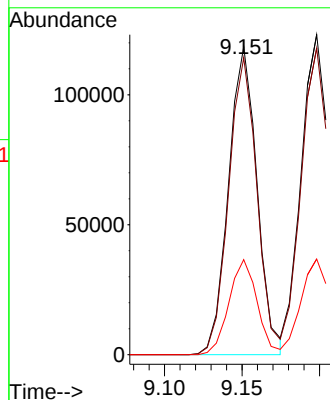
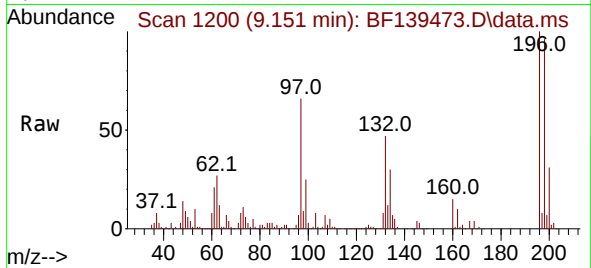
Tgt Ion:196 Resp: 151721
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.8 113.6
 200 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 49.799 ng

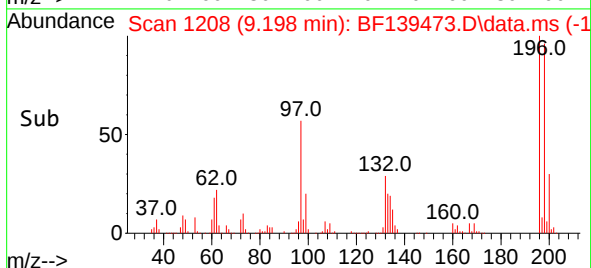
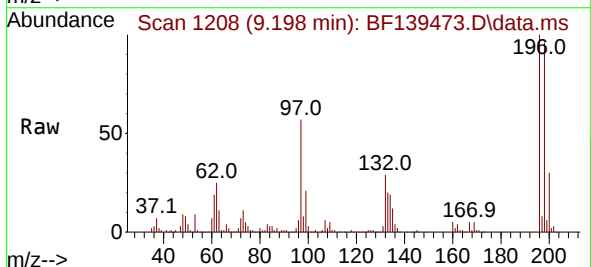
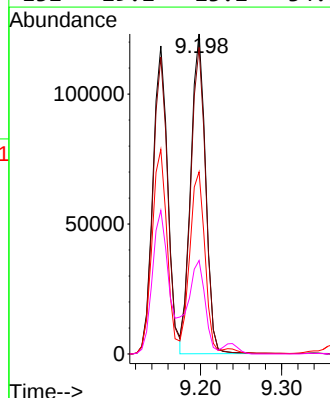
RT: 9.198 min Scan# 1208

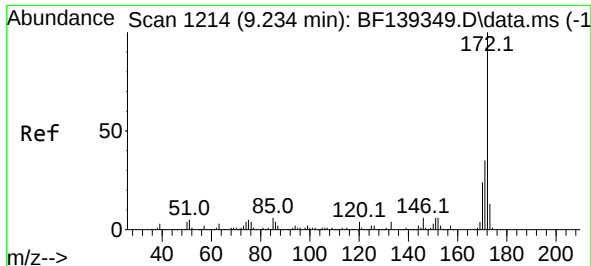
Delta R.T. 0.012 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Tgt Ion:196 Resp: 157031
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.8 112.2
 97 56.9 47.3 70.9
 132 29.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.525 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

Tgt Ion:172 Resp: 102279

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

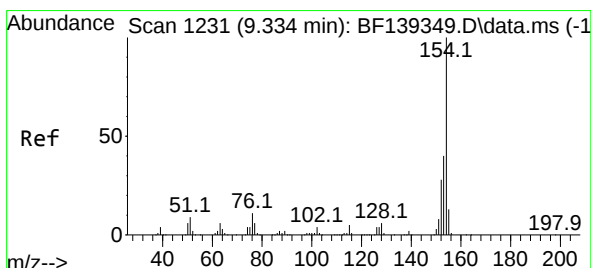
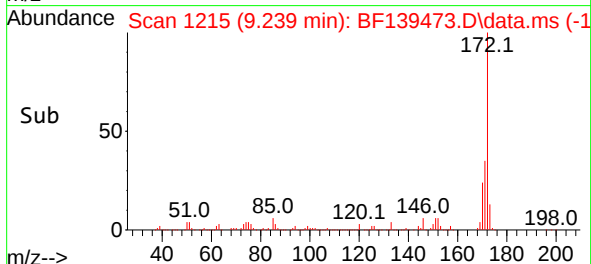
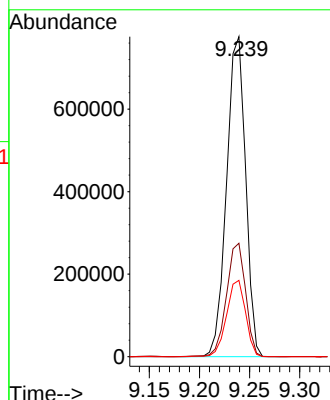
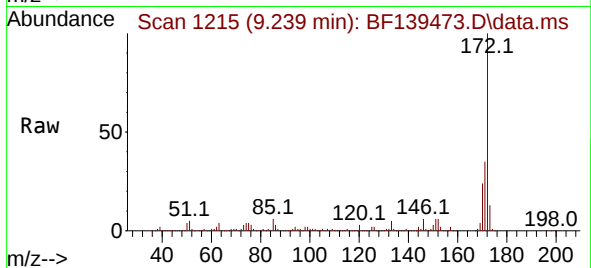
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 48.629 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

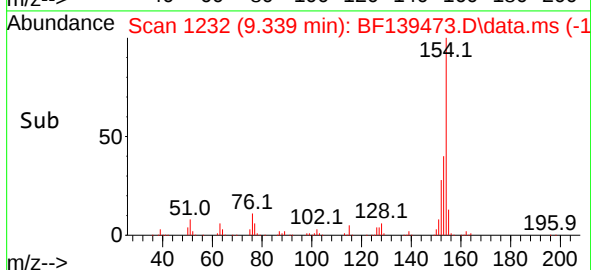
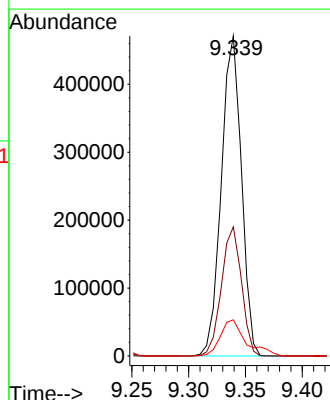
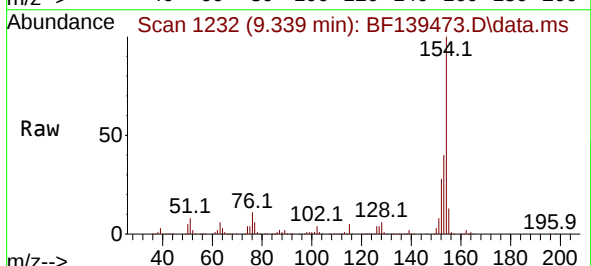
Tgt Ion:154 Resp: 580020

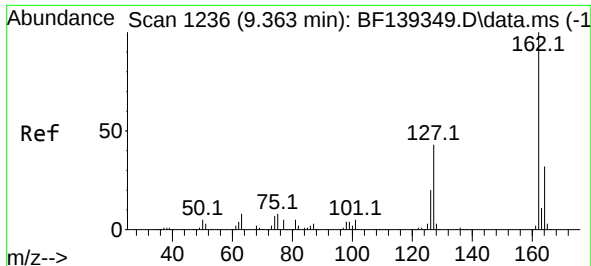
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 48.309 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139473.D

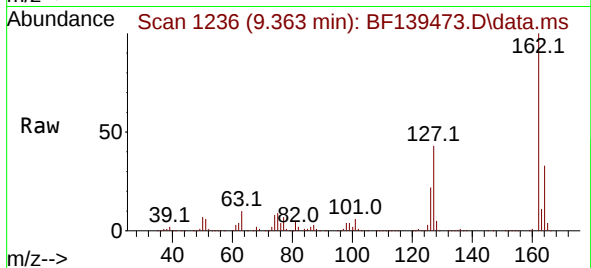
Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS



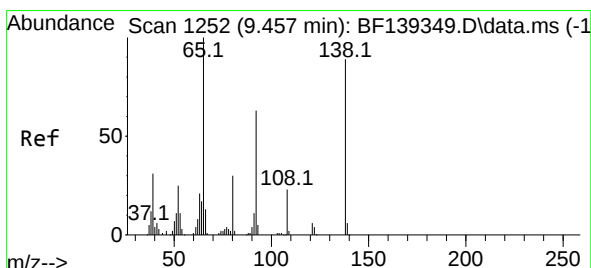
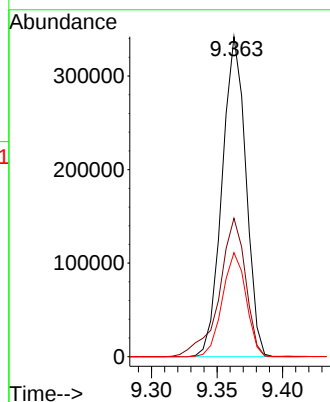
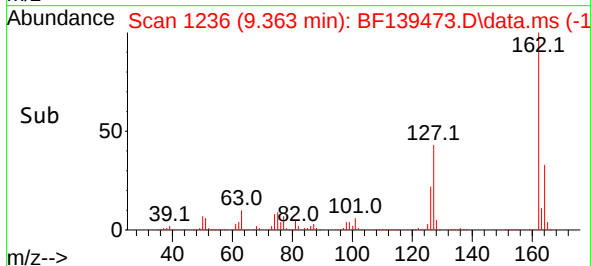
Tgt Ion:	162	Resp:	430829
Ion Ratio	Lower	Upper	
162	100		
127	43.3	35.0	52.4
164	32.5	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 51.825 ng

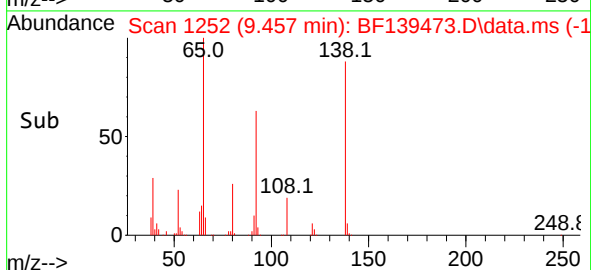
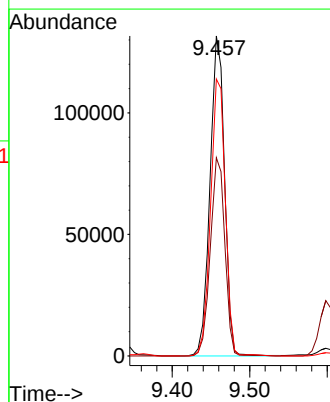
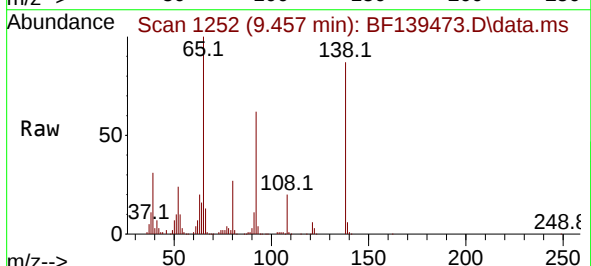
RT: 9.457 min Scan# 1252

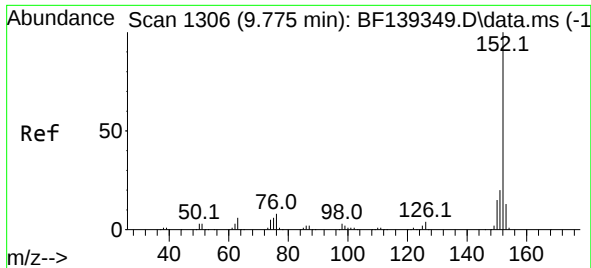
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

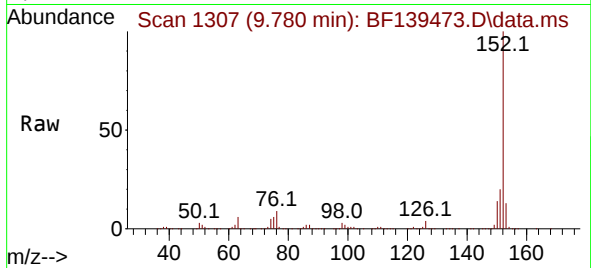
Tgt Ion:	65	Resp:	171909
Ion Ratio	Lower	Upper	
65	100		
92	62.0	50.3	75.5
138	86.6	71.3	106.9





#49
Acenaphthylene
Concen: 50.955 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

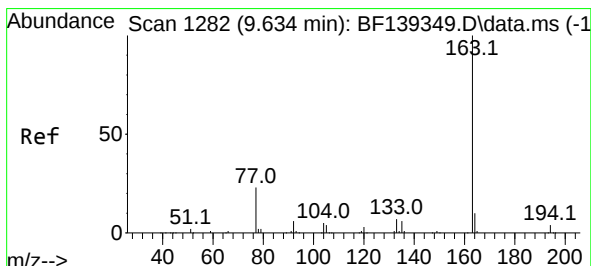
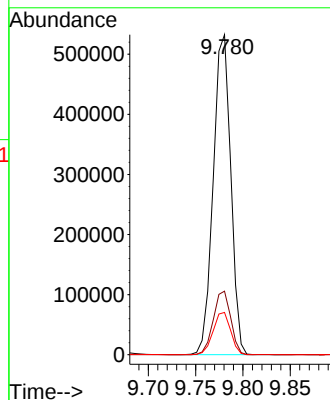
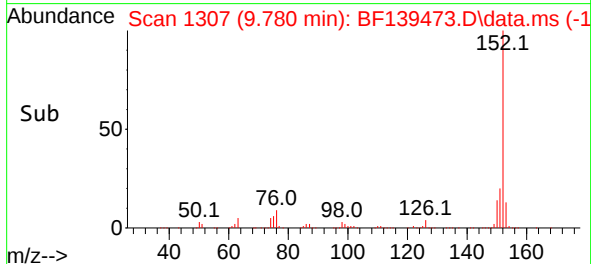
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



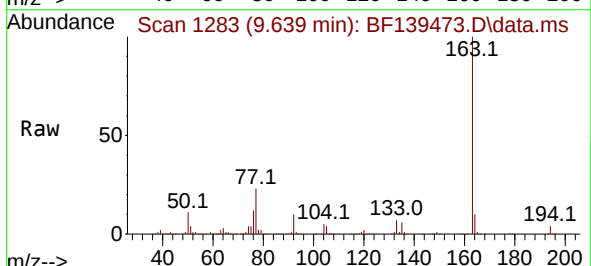
Tgt Ion:152 Resp: 68405
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.3 15.5

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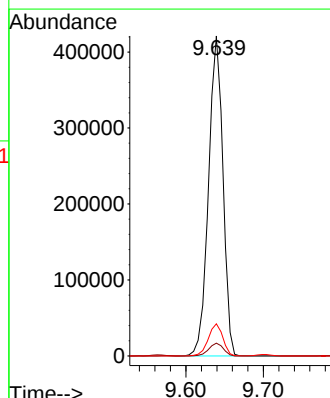
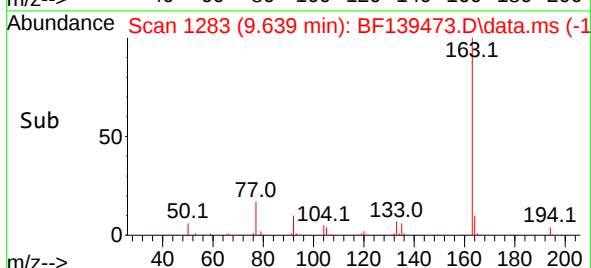
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

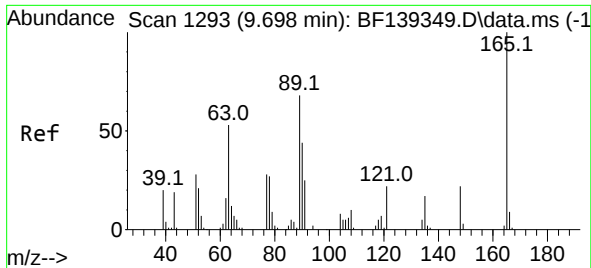


#50
Dimethylphthalate
Concen: 53.452 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



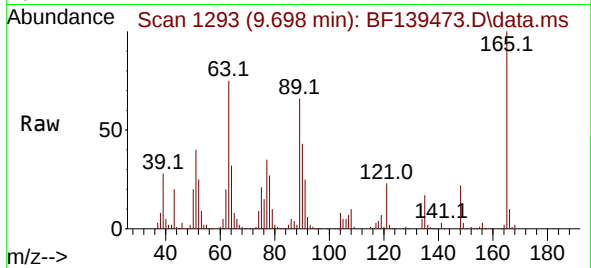
Tgt Ion:163 Resp: 543917
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.385 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

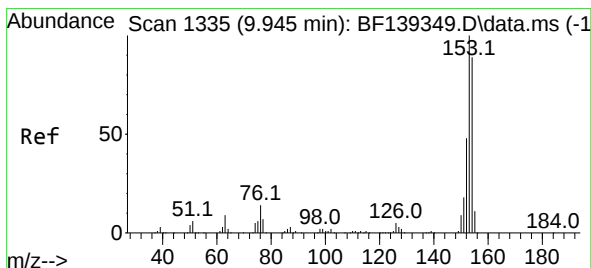
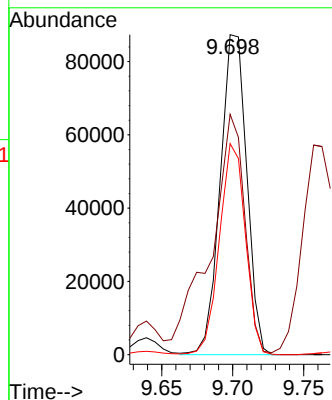
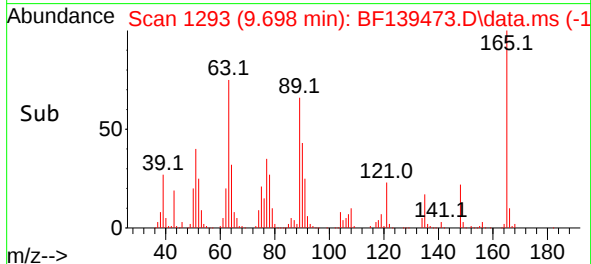
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



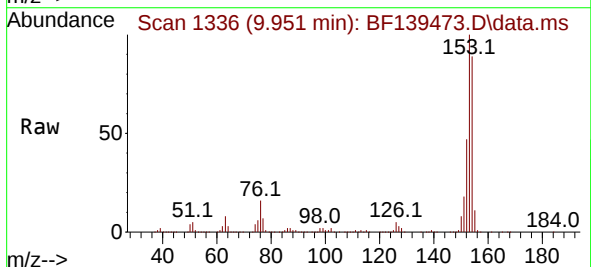
Tgt Ion:165 Resp: 113580
Ion Ratio Lower Upper
165 100
63 75.1 60.9 91.3
89 66.0 54.7 82.1

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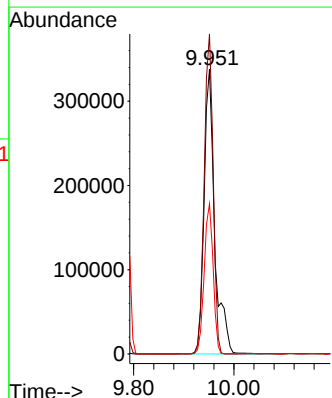
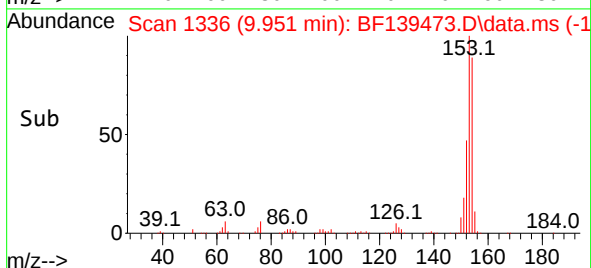
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

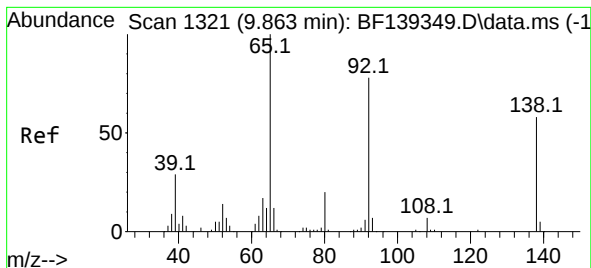


#52
Acenaphthene
Concen: 53.228 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:154 Resp: 498714
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 52.8 42.6 64.0





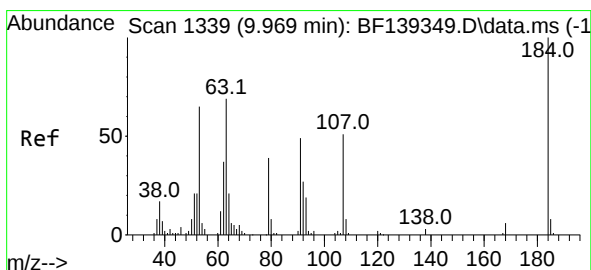
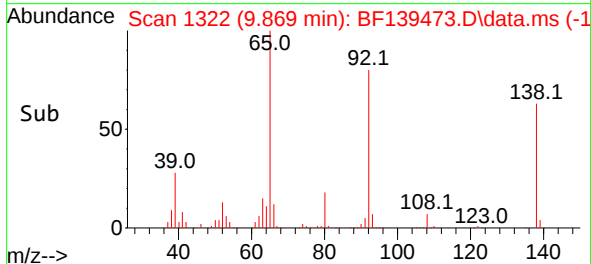
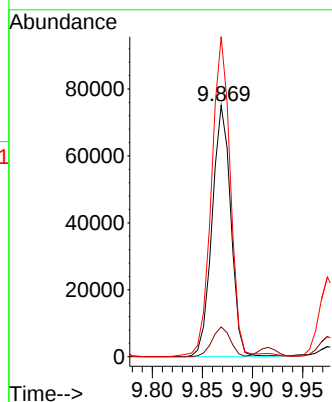
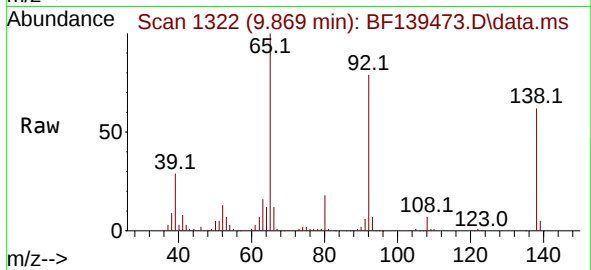
#53
3-Nitroaniline
Concen: 43.277 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS

Tgt Ion:138 Resp: 9749
Ion Ratio Lower Upper
138 100
108 11.8 9.8 14.8
92 127.4 107.4 161.2

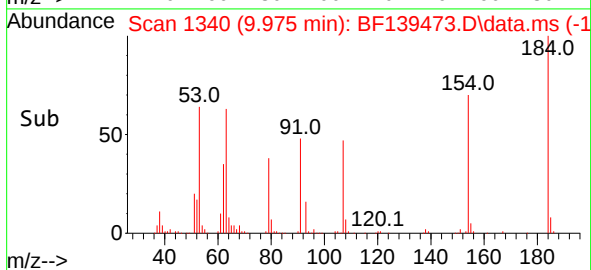
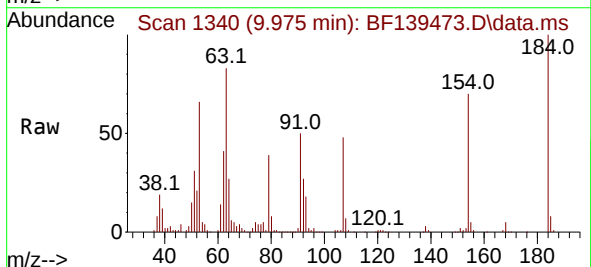
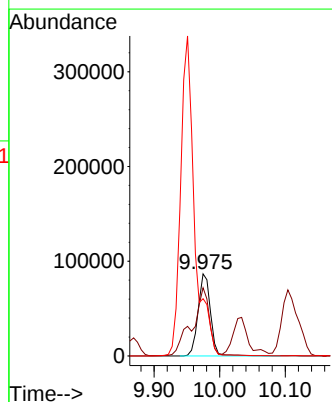
Manual Integrations
APPROVED

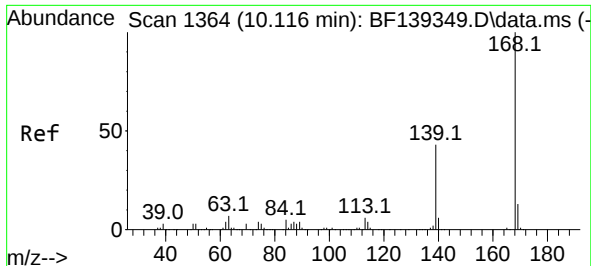
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 91.057 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

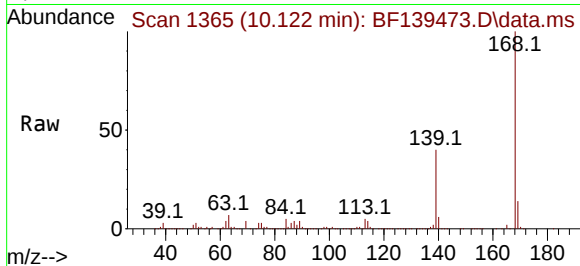
Tgt Ion:184 Resp: 114379
Ion Ratio Lower Upper
184 100
63 83.1 69.3 103.9
154 69.8 67.5 101.3





#55
Dibenzenofuran
Concen: 49.227 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

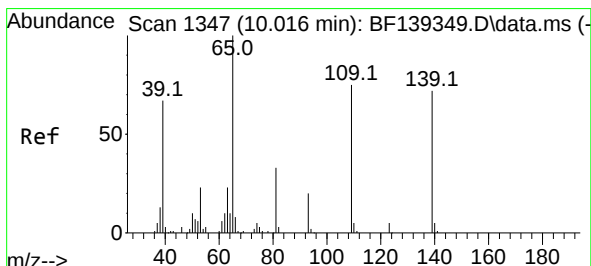
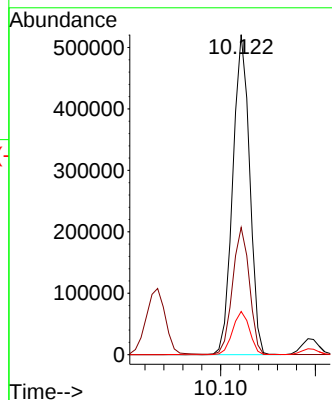
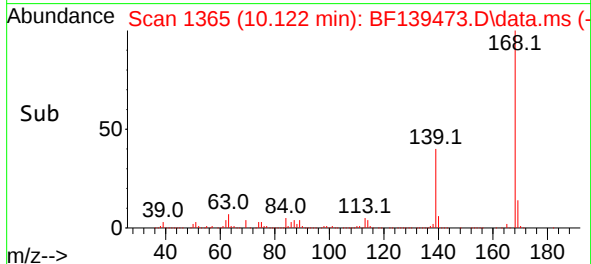
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:168 Resp: 642864
Ion Ratio Lower Upper
168 100
139 39.8 34.1 51.1
169 13.5 10.5 15.7

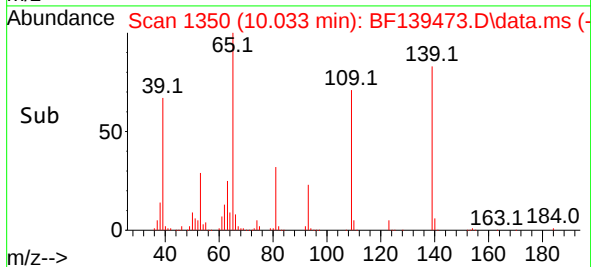
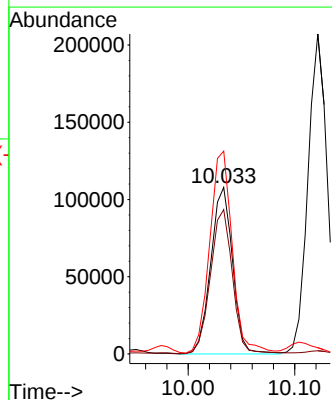
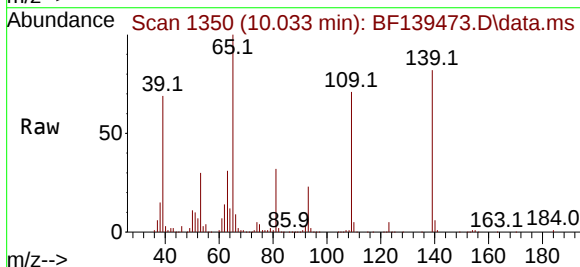
Manual Integrations
APPROVED

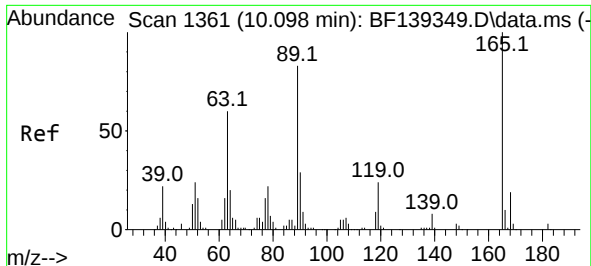
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 82.618 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

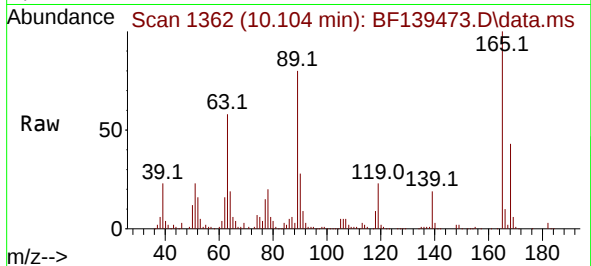
Tgt Ion:139 Resp: 154012
Ion Ratio Lower Upper
139 100
109 86.7 84.1 124.1
65 121.9 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 49.572 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

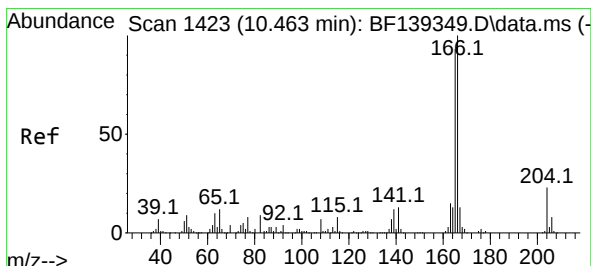
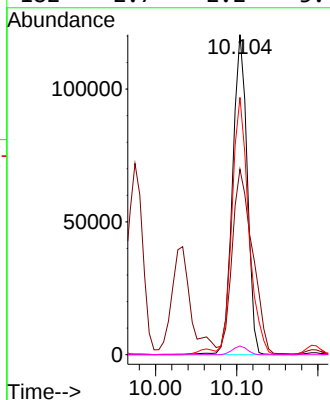
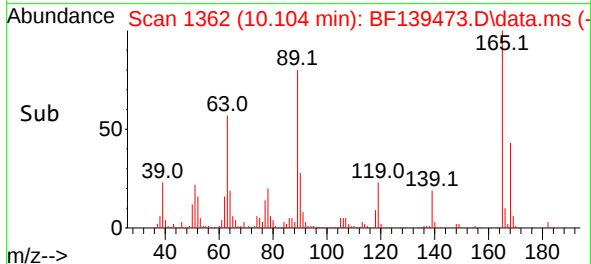
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



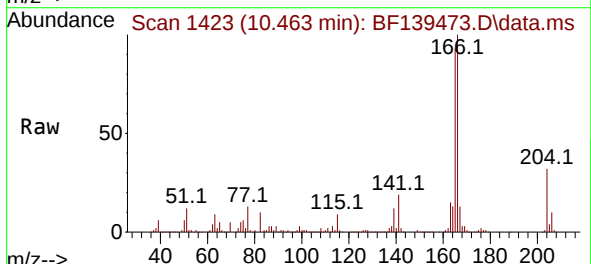
Tgt Ion:165 Resp: 150869
Ion Ratio Lower Upper
165 100
63 57.9 47.8 71.6
89 80.4 66.7 100.1
182 2.7 2.2 3.4

Manual Integrations
APPROVED

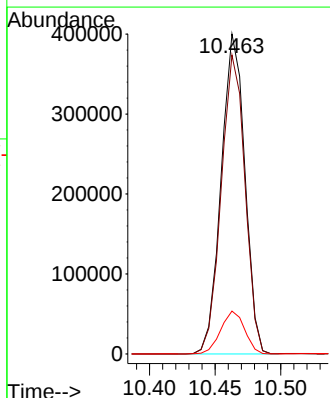
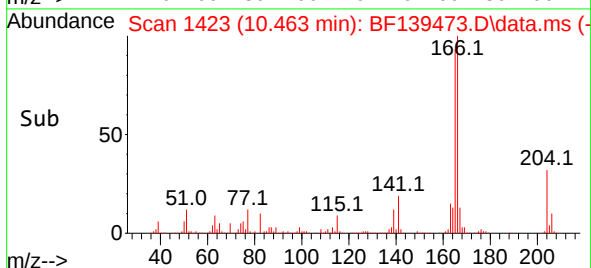
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

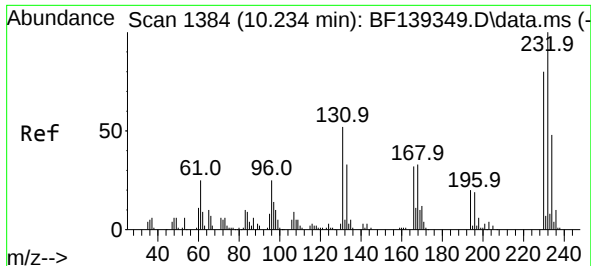


#58
Fluorene
Concen: 47.181 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



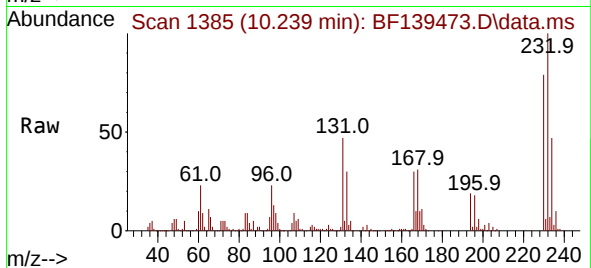
Tgt Ion:166 Resp: 502720
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.203 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

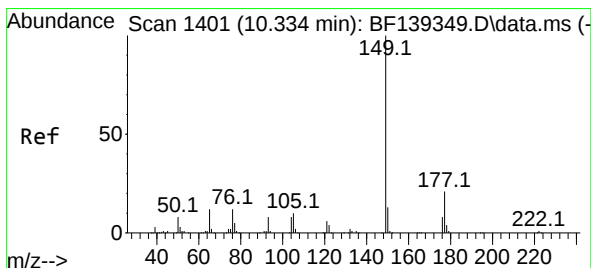
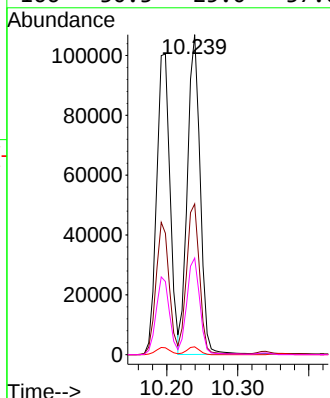
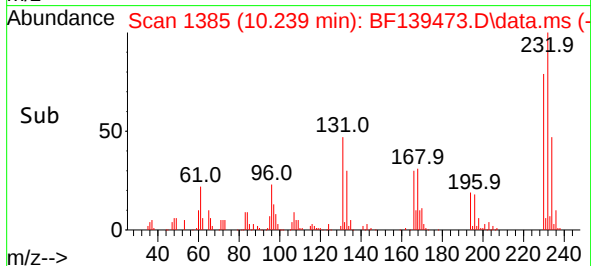
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



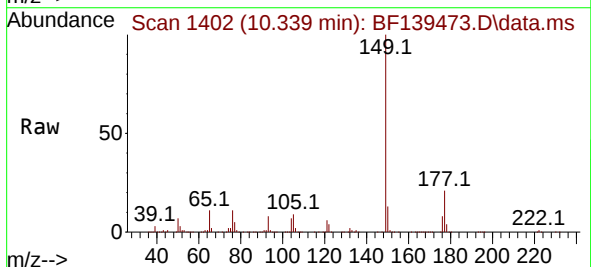
Tgt Ion:232 Resp: 133562
Ion Ratio Lower Upper
232 100
131 46.9 40.7 61.1
130 2.5 2.2 3.2
166 30.3 25.0 37.6

Manual Integrations
APPROVED

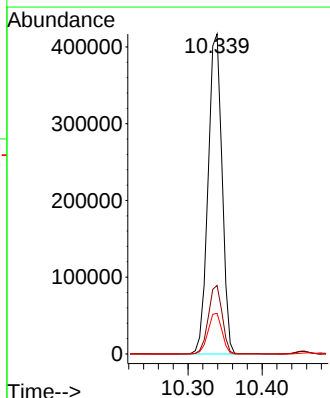
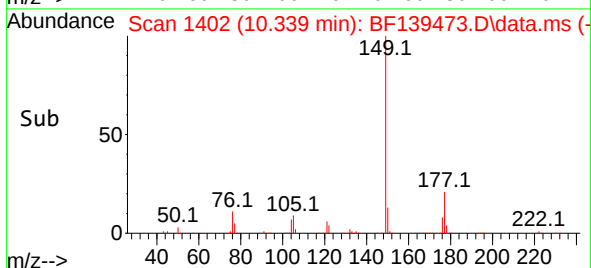
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

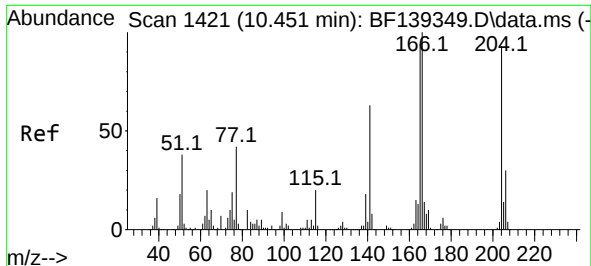


#60
Diethylphthalate
Concen: 51.794 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



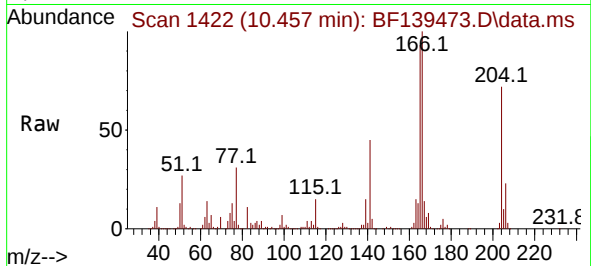
Tgt Ion:149 Resp: 543888
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 48.249 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

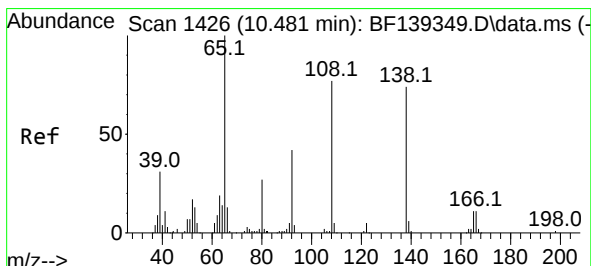
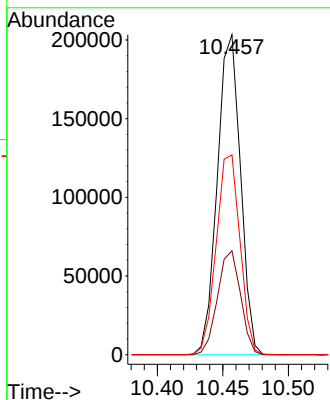
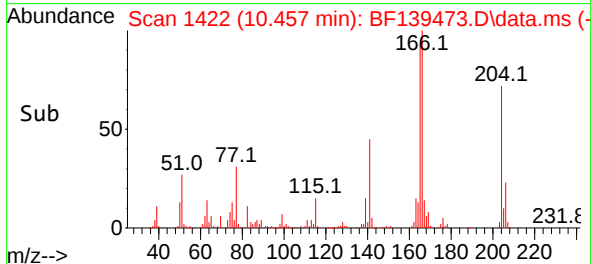
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



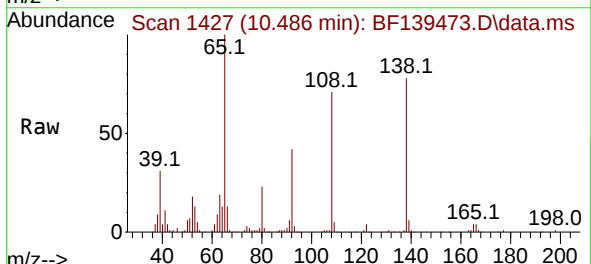
Tgt Ion:204 Resp: 24984
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.5 53.9 80.9

Manual Integrations
APPROVED

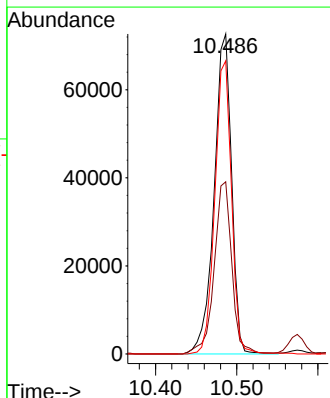
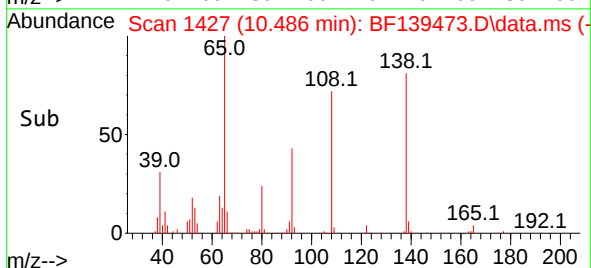
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

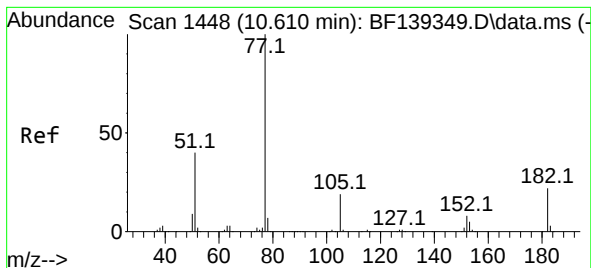


#62
4-Nitroaniline
Concen: 44.147 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:138 Resp: 108547
Ion Ratio Lower Upper
138 100
92 53.8 37.0 77.0
108 91.6 84.4 124.4





#63

Azobenzene

Concen: 50.225 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

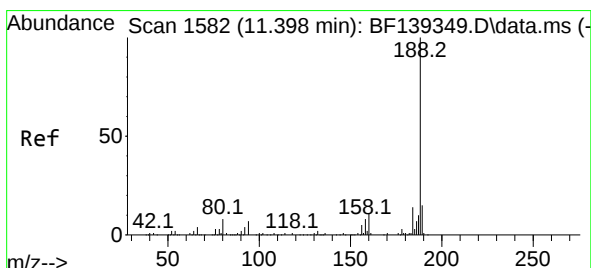
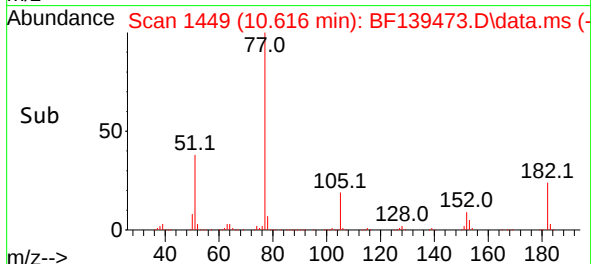
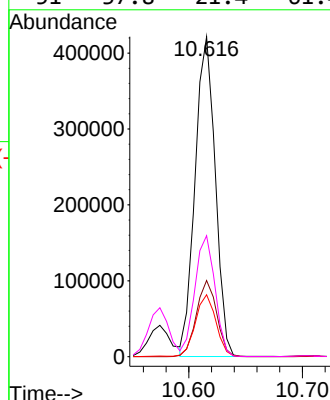
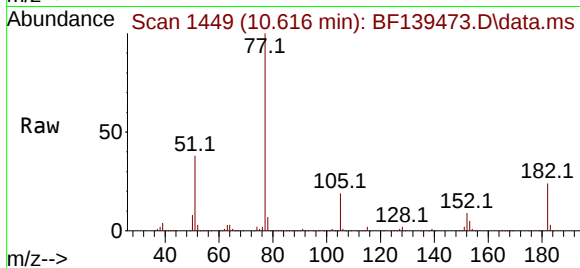
Tgt Ion: 77	Resp: 518730
Ion Ratio	Lower Upper
77 100	
182 23.8	1.8 41.8
105 19.4	0.0 38.6
51 37.8	21.4 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

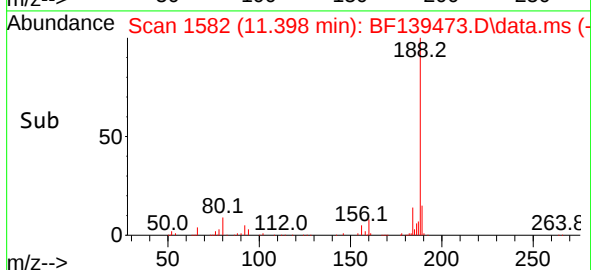
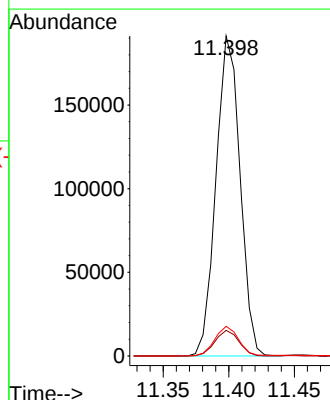
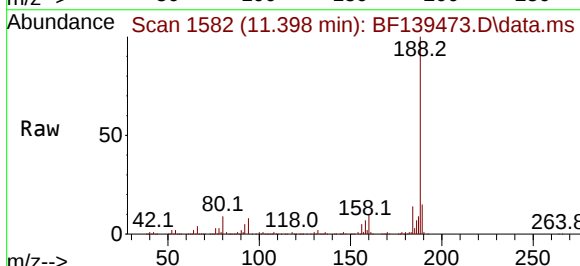
RT: 11.398 min Scan# 1582

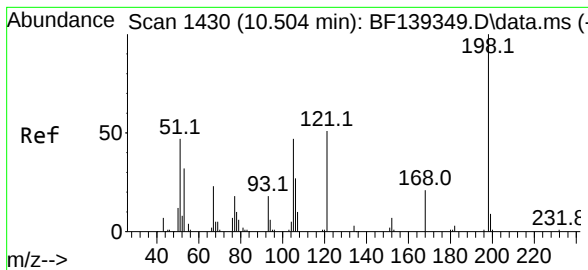
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

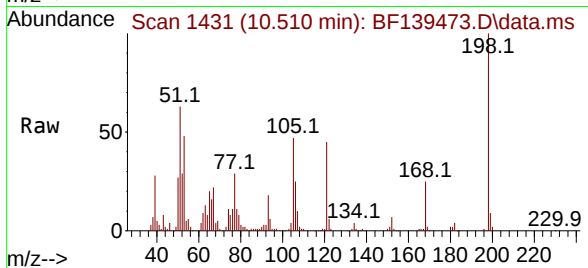
Tgt Ion:188	Resp: 243719
Ion Ratio	Lower Upper
188 100	
94 8.0	5.5 8.3
80 9.3	6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 54.751 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

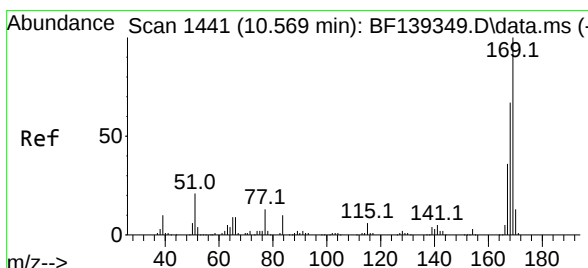
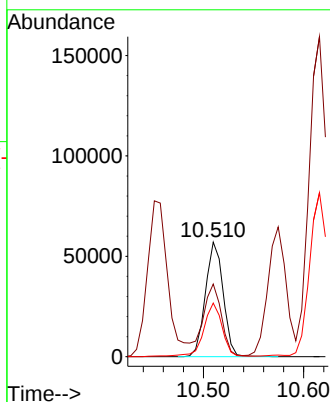
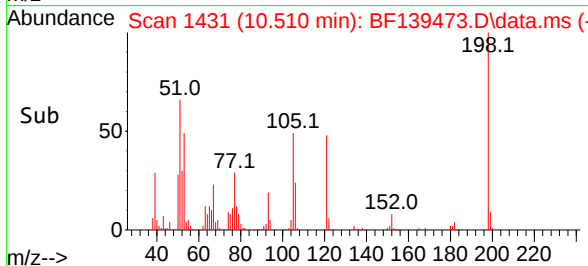
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



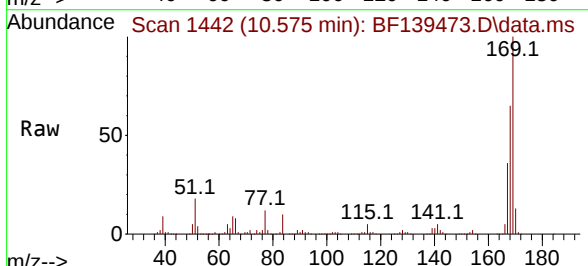
Tgt Ion:198 Resp: 7042
Ion Ratio Lower Upper
198 100
51 63.3 50.4 90.4
105 46.8 28.3 68.3

Manual Integrations
APPROVED

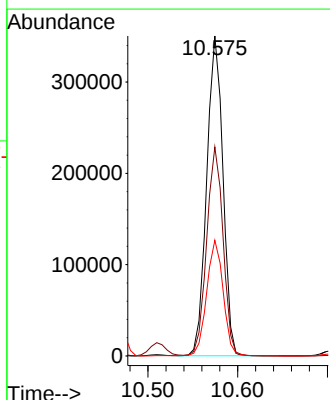
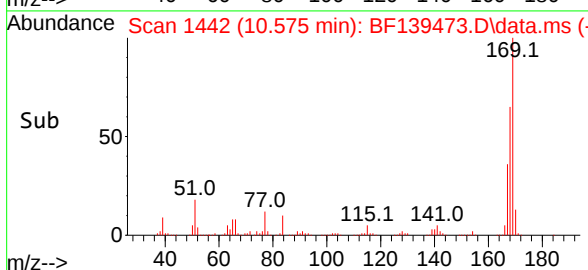
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

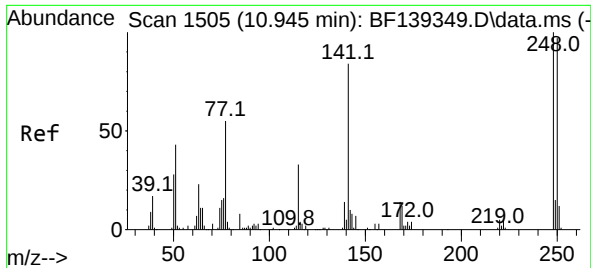


#66
n-Nitrosodiphenylamine
Concen: 61.766 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



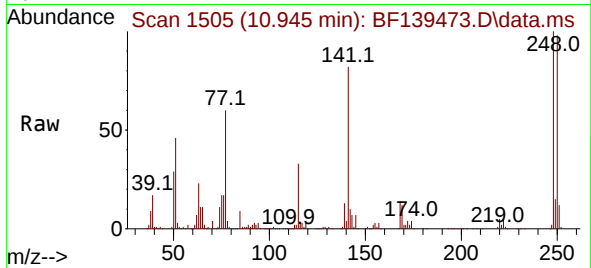
Tgt Ion:169 Resp: 440113
Ion Ratio Lower Upper
169 100
168 65.3 53.6 80.4
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 59.630 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

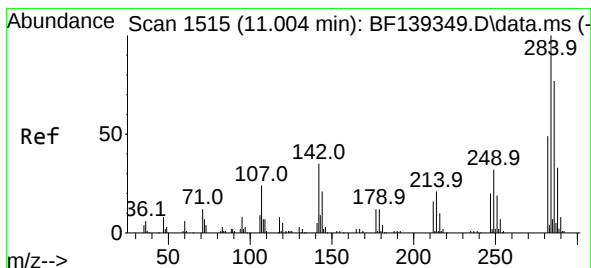
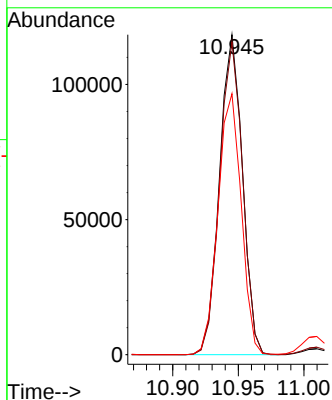
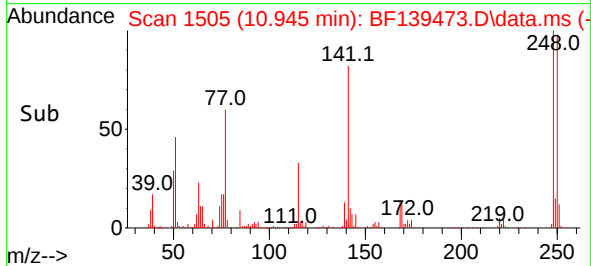
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



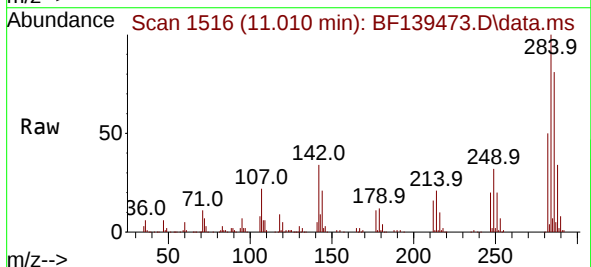
Tgt Ion:248 Resp: 144018
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 81.5 66.9 100.3

Manual Integrations
APPROVED

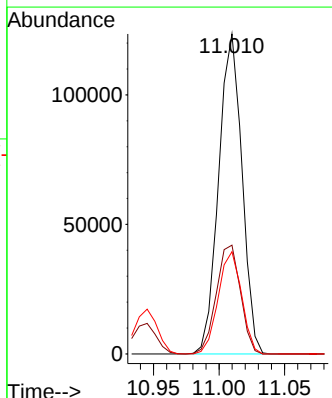
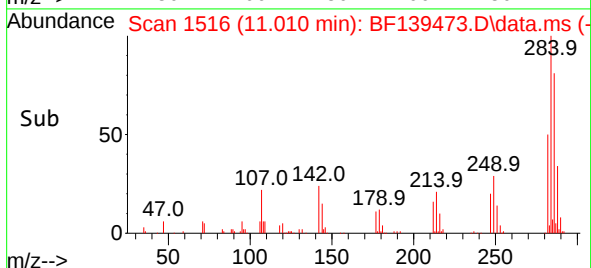
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

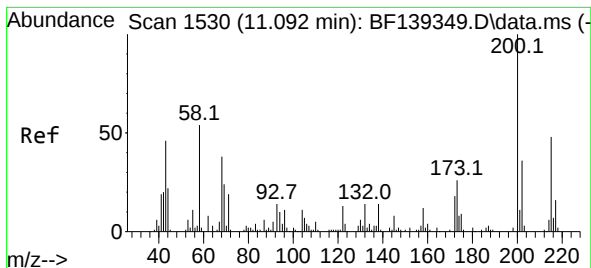


#68
Hexachlorobenzene
Concen: 53.825 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:284 Resp: 152570
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 31.9 25.3 37.9





#69

Atrazine

Concen: 70.444 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

Tgt Ion:200 Resp: 11949

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

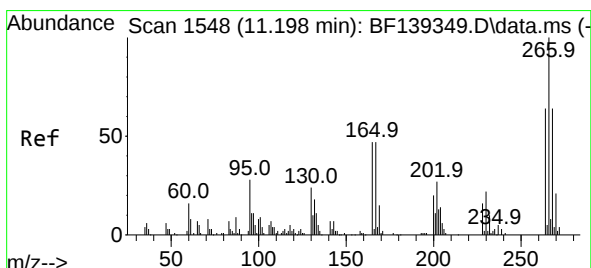
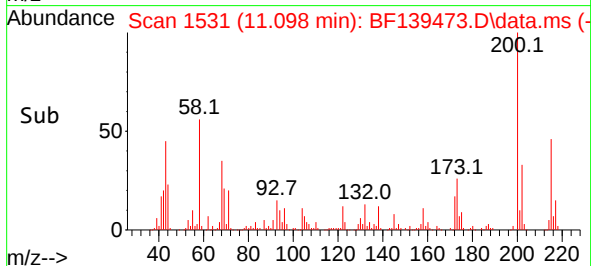
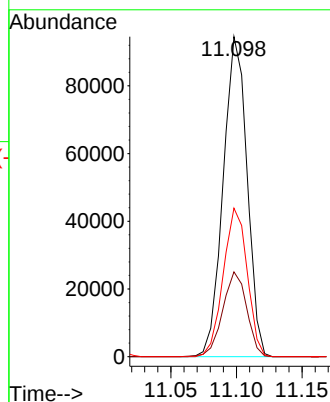
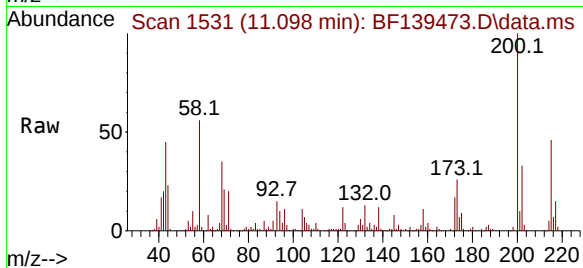
215 46.4 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 112.230 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

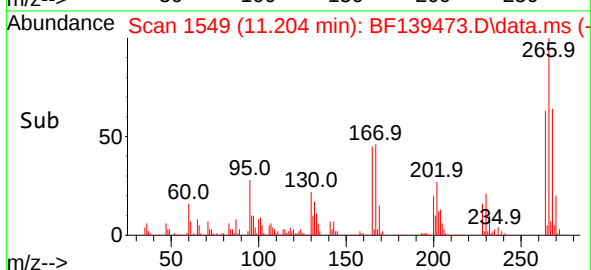
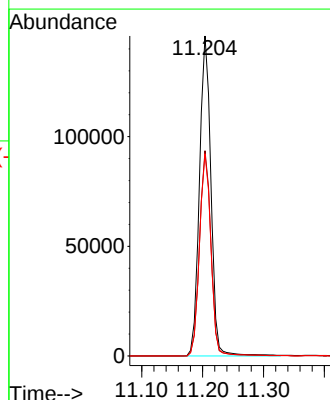
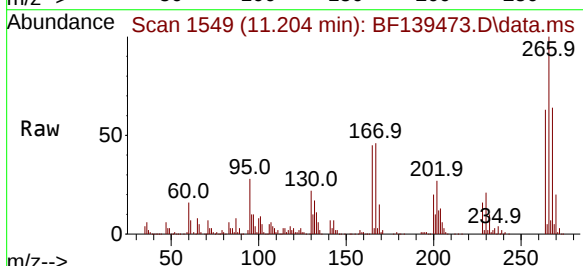
Tgt Ion:266 Resp: 190885

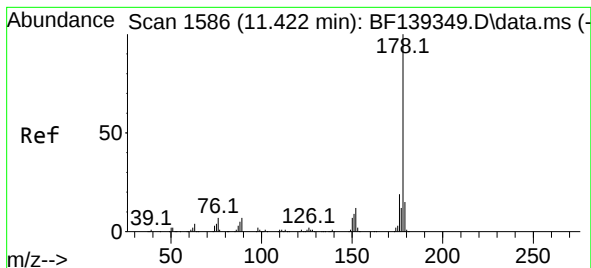
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 63.2 51.4 77.0





#71

Phenanthrene

Concen: 53.687 ng

RT: 11.427 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

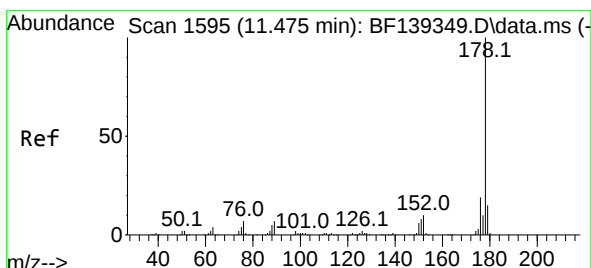
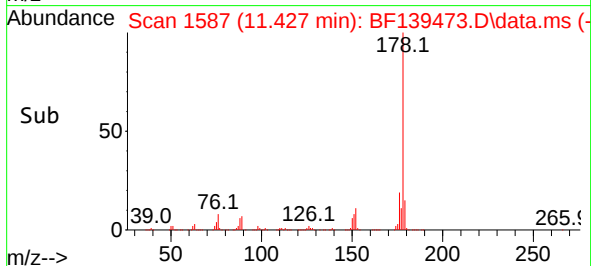
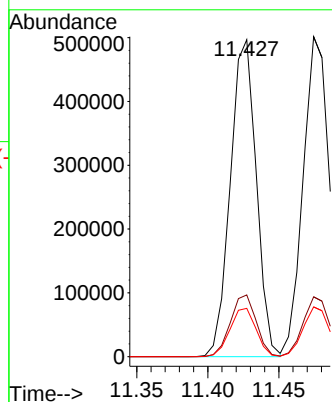
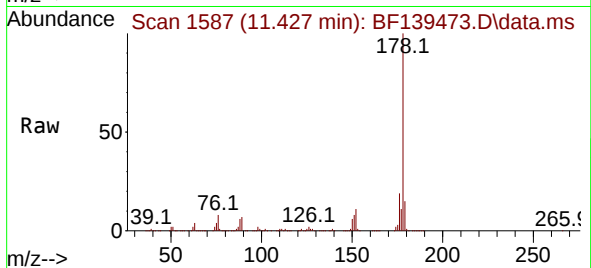
Tgt Ion:178	Resp: 63127
Ion Ratio	Lower Upper
178	100
176	19.5 15.2 22.8
179	15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 55.679 ng

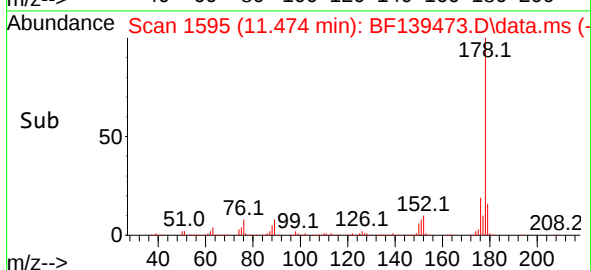
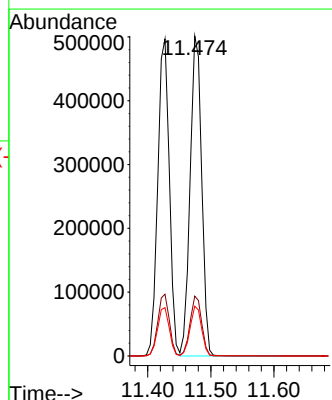
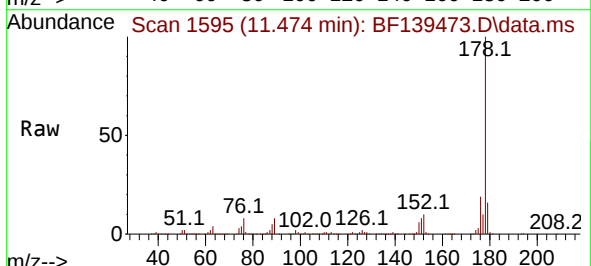
RT: 11.474 min Scan# 1595

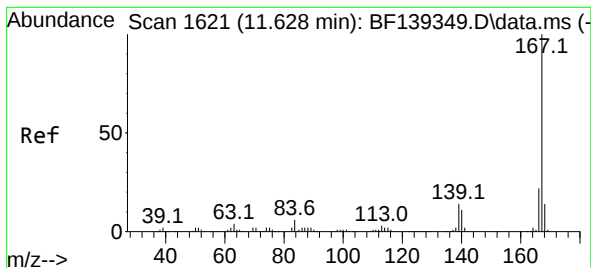
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Tgt Ion:178	Resp: 640107
Ion Ratio	Lower Upper
178	100
176	18.7 15.0 22.6
179	15.6 12.0 18.0





#73

Carbazole

Concen: 48.841 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

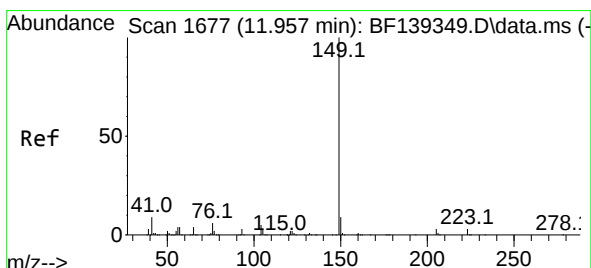
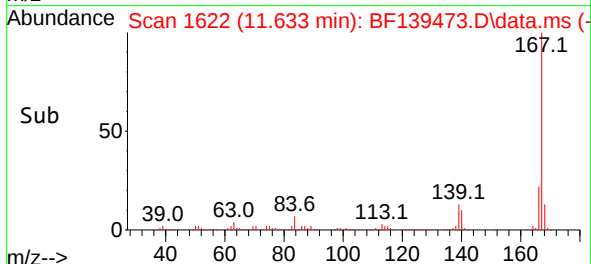
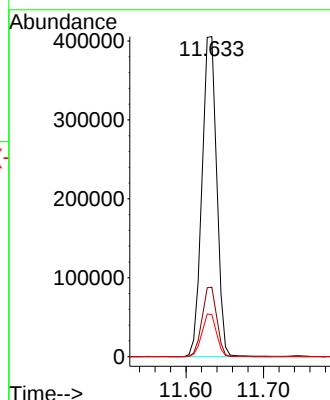
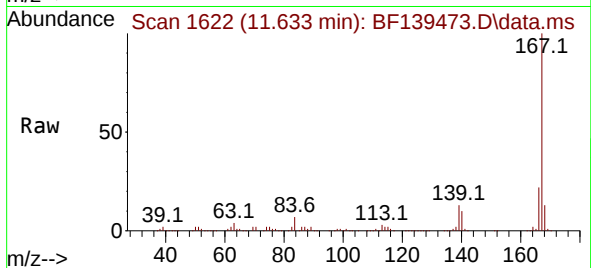
Tgt Ion:167	Resp: 53740
Ion Ratio	Lower Upper
167 100	
166 21.7	17.5 26.3
139 13.1	10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#74

Di-n-butylphthalate

Concen: 58.185 ng

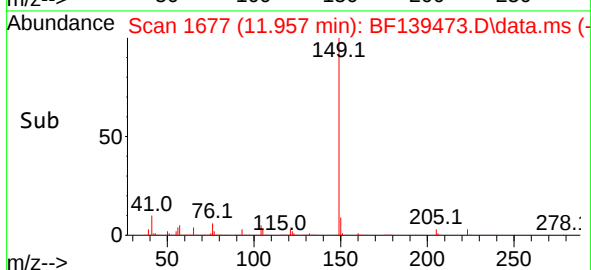
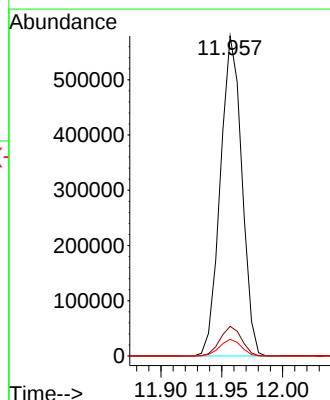
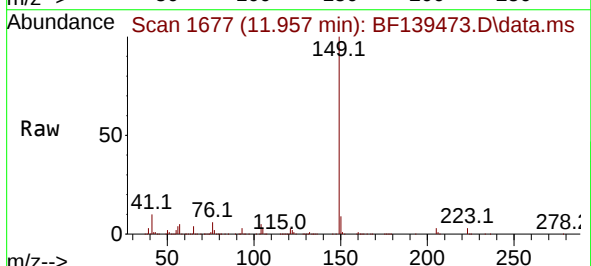
RT: 11.957 min Scan# 1677

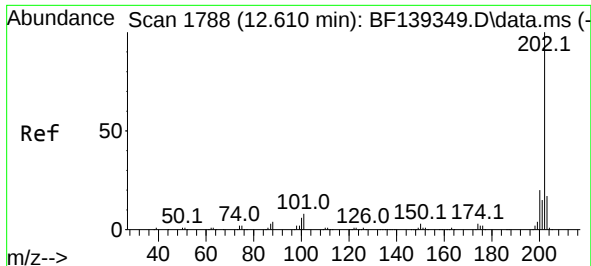
Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

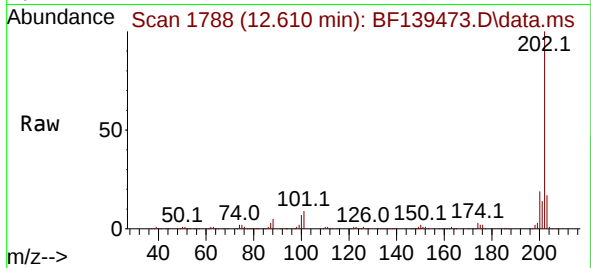
Tgt Ion:149	Resp: 713187
Ion Ratio	Lower Upper
149 100	
150 9.3	7.3 10.9
104 5.2	4.3 6.5





#75
Fluoranthene
Concen: 43.650 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

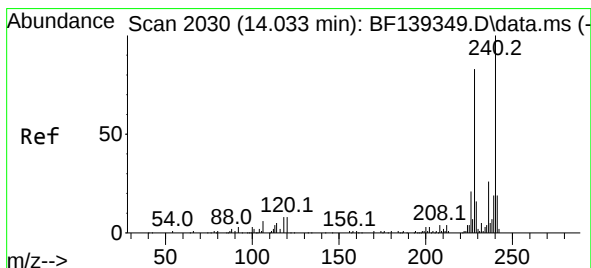
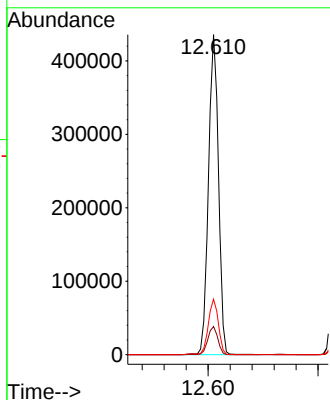
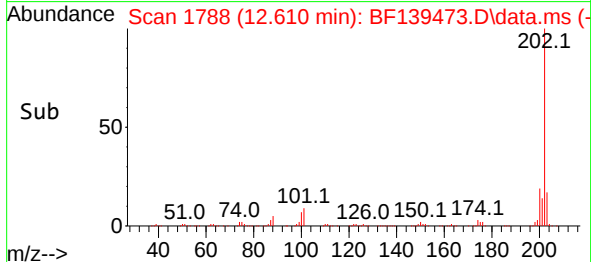
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:202 Resp: 548120
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 17.3 0.0 37.4

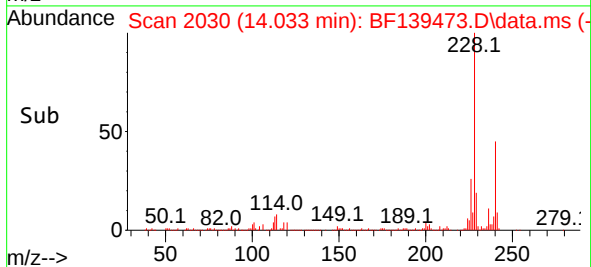
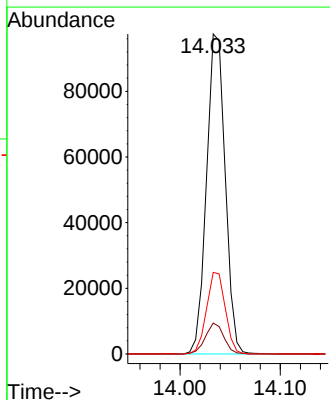
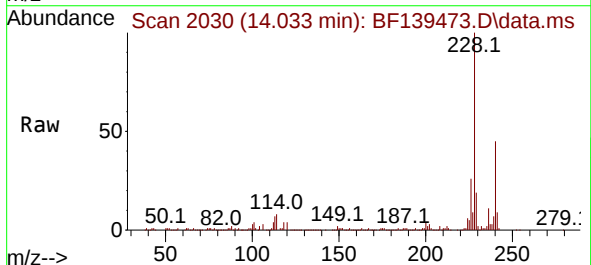
Manual Integrations
APPROVED

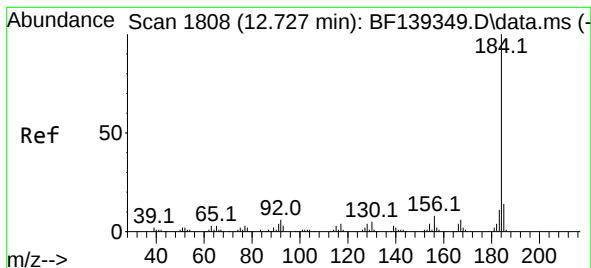
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:240 Resp: 126569
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 25.5 20.9 31.3





#77

Benzidine

Concen: 73.632 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

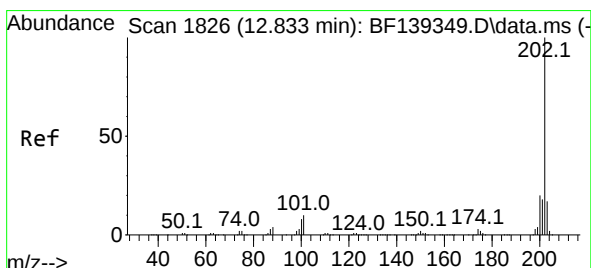
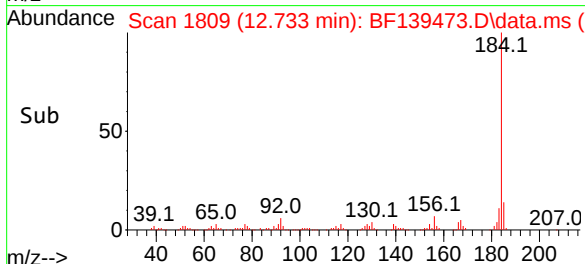
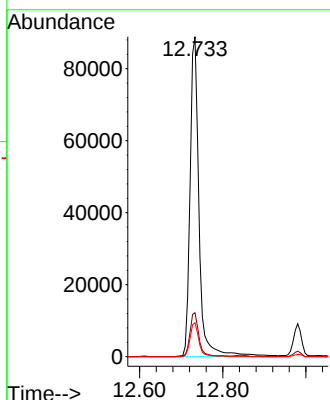
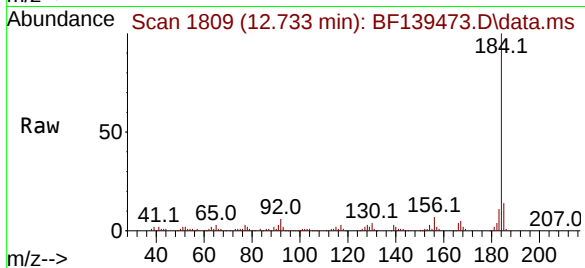
Tgt Ion:184	Resp: 13352
Ion Ratio	Lower Upper
184	100
185	13.8 11.5 17.3
183	10.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 49.984 ng

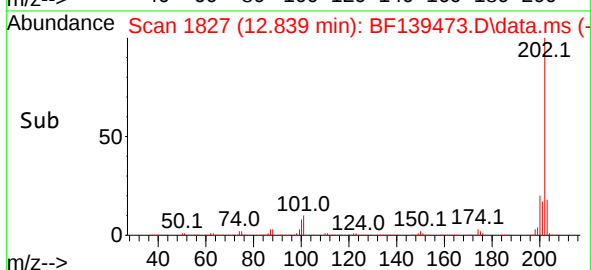
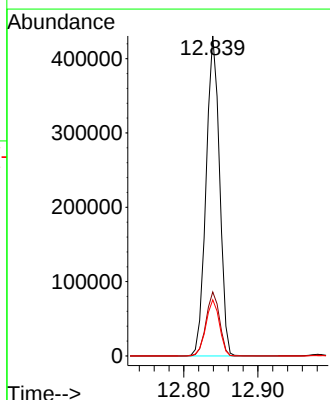
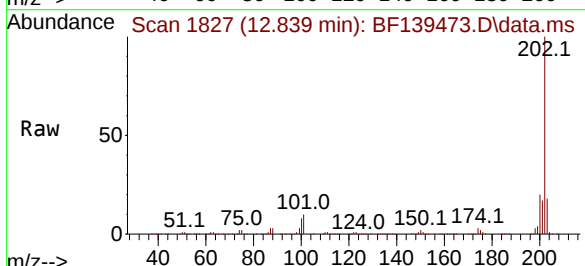
RT: 12.839 min Scan# 1827

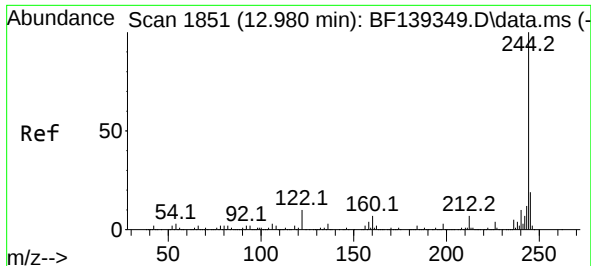
Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

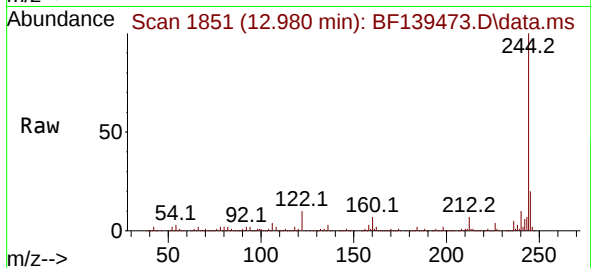
Tgt Ion:202	Resp: 543212
Ion Ratio	Lower Upper
202	100
200	20.0 16.2 24.2
203	17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 98.897 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

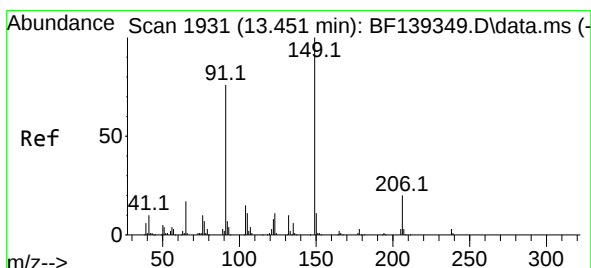
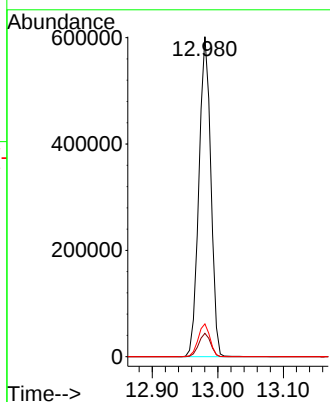
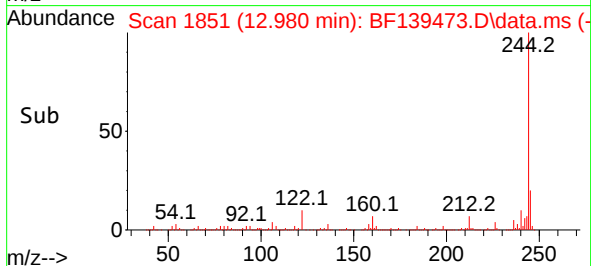
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:244 Resp: 762600
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.2 7.6 11.4

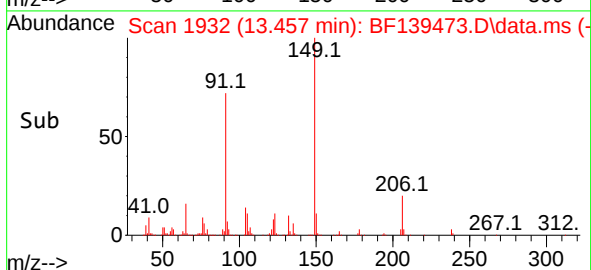
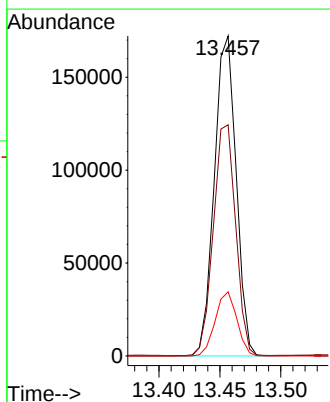
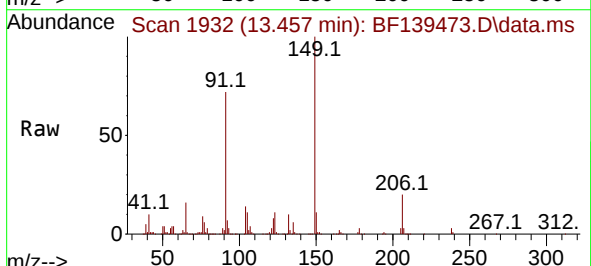
Manual Integrations
APPROVED

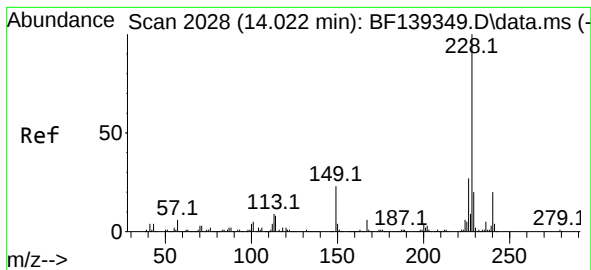
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#80
Butylbenzylphthalate
Concen: 58.260 ng
RT: 13.457 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:149 Resp: 215512
Ion Ratio Lower Upper
149 100
91 72.3 60.9 91.3
206 20.1 15.8 23.8





#81

Benzo(a)anthracene

Concen: 55.202 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

Tgt Ion:228 Resp: 46280

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

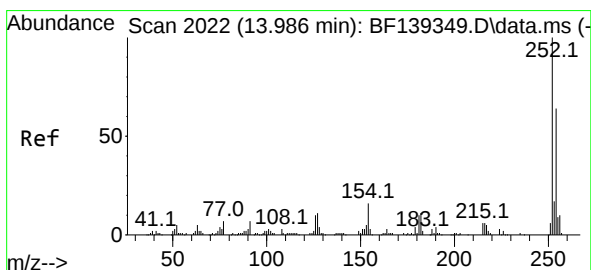
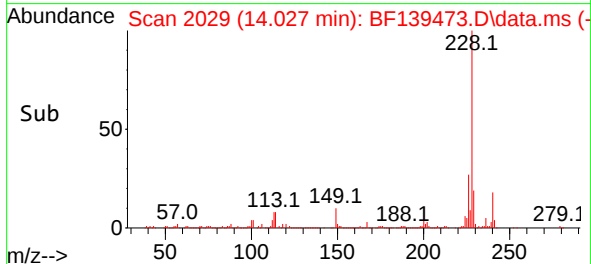
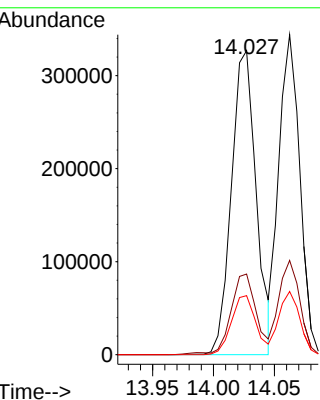
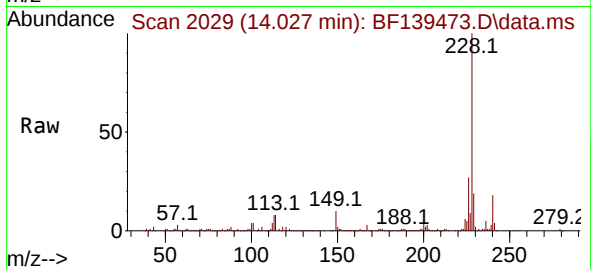
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 58.368 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

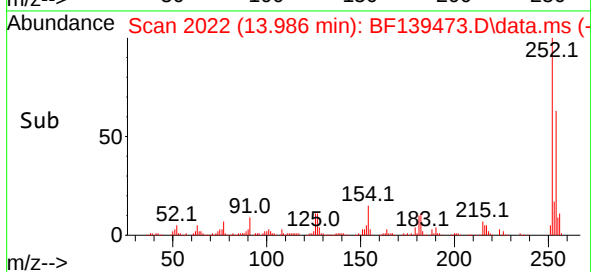
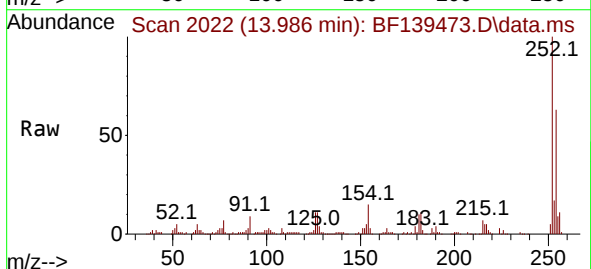
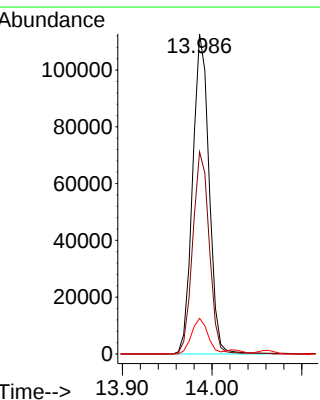
Tgt Ion:252 Resp: 143308

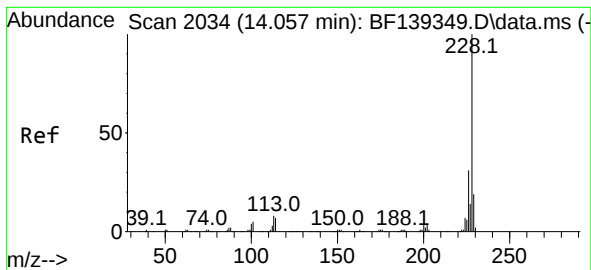
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

126 11.2 7.7 11.5





#83

Chrysene

Concen: 53.731 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS

Tgt Ion:228 Resp: 414440

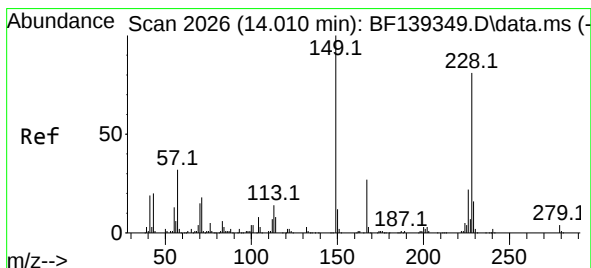
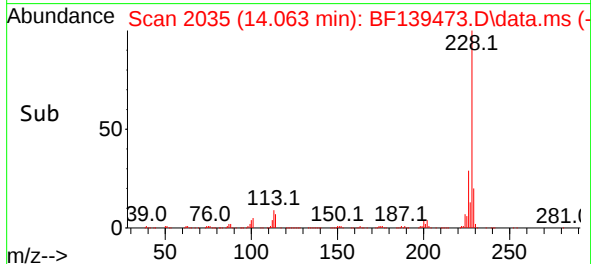
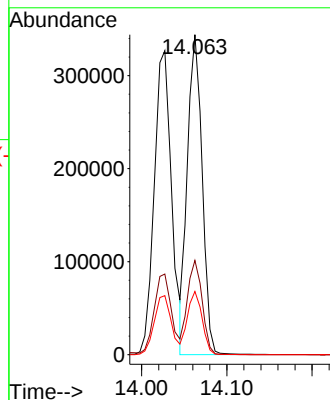
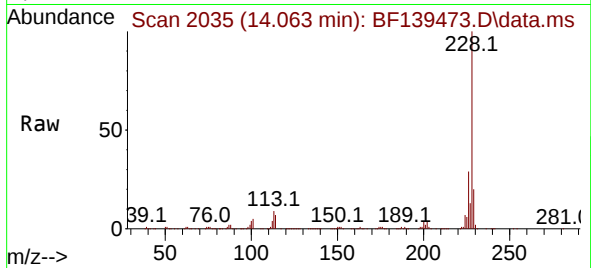
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.7	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.531 ng

RT: 14.010 min Scan# 2026

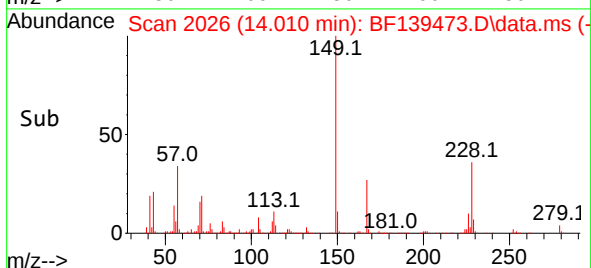
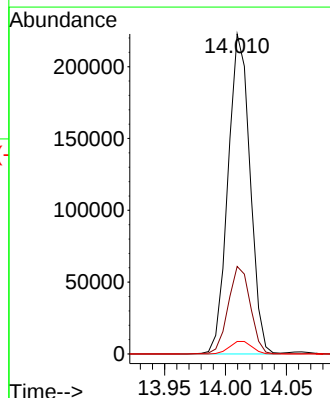
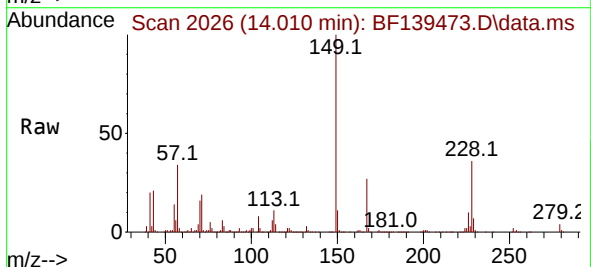
Delta R.T. -0.000 min

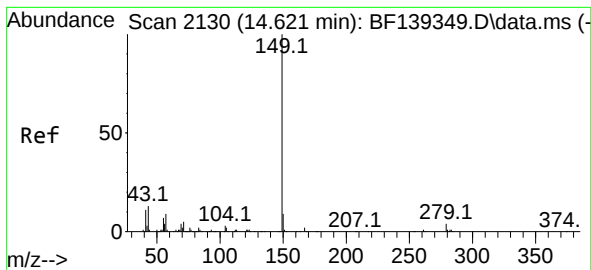
Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

Tgt Ion:149 Resp: 280140

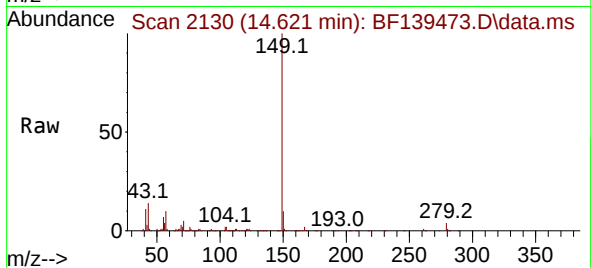
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 69.673 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

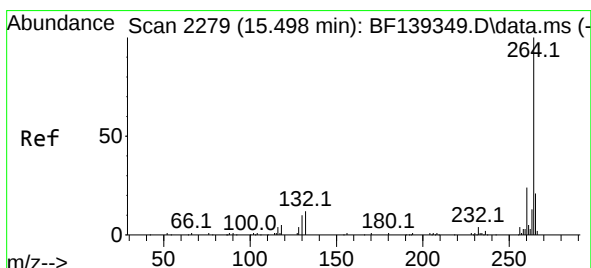
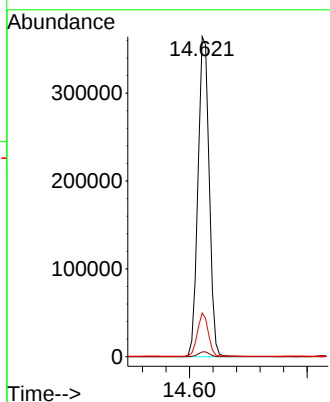
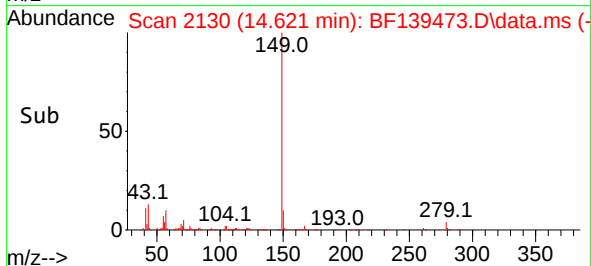
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



Tgt Ion:149 Resp: 482852
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.1 10.6 16.0

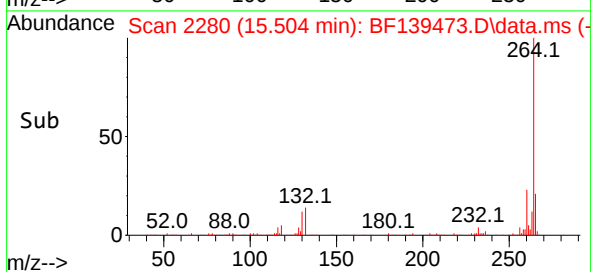
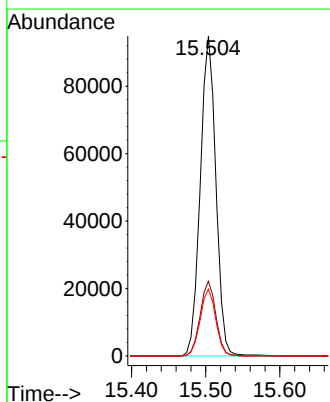
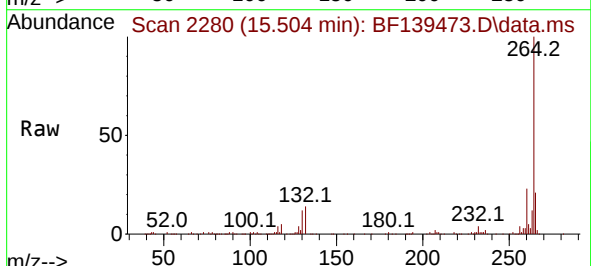
Manual Integrations
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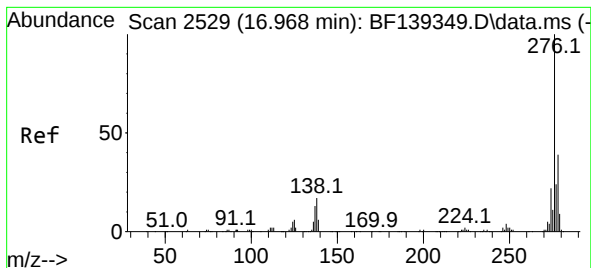
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

Tgt Ion:264 Resp: 139000
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.705 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139473.D

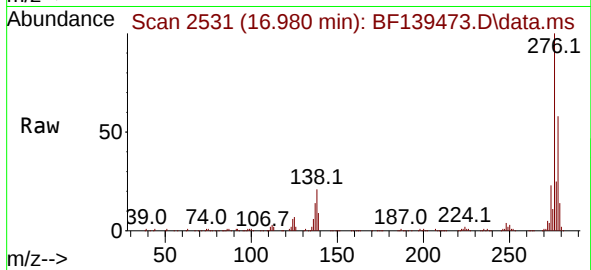
Acq: 19 Sep 2024 19:49

Instrument :

BNA_F

ClientSampleId :

WC-A-08-202409MS



Tgt Ion:276 Resp: 344704

Ion Ratio Lower Upper

276 100

138 22.2 15.4 23.2

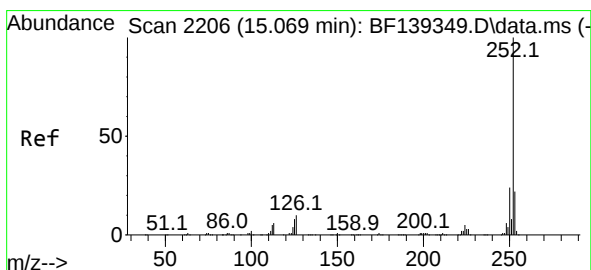
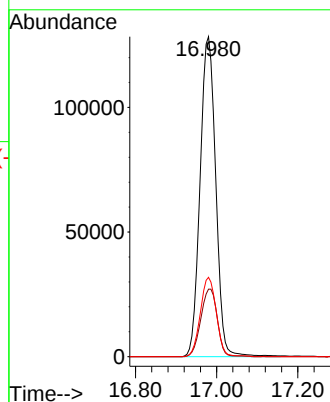
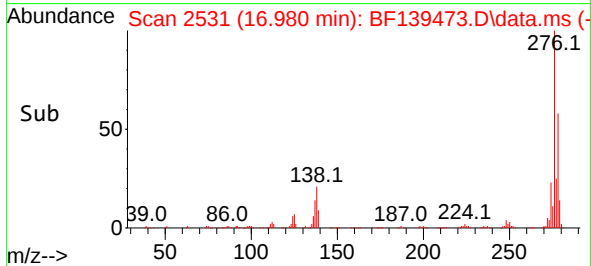
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 55.666 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139473.D

Acq: 19 Sep 2024 19:49

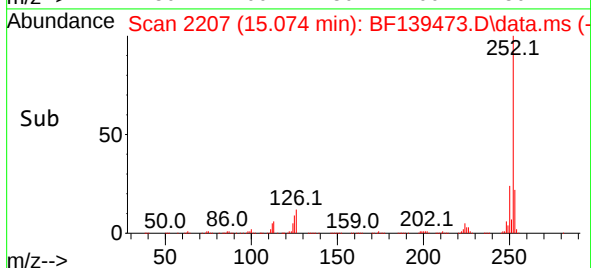
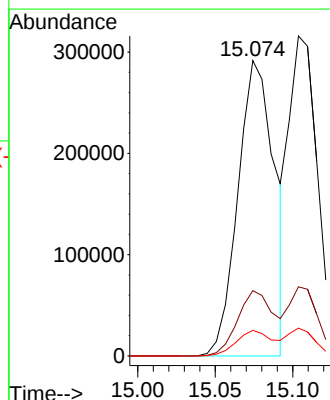
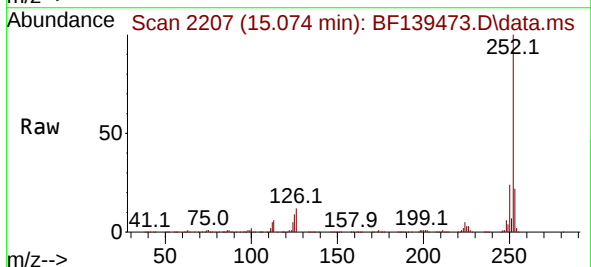
Tgt Ion:252 Resp: 477203

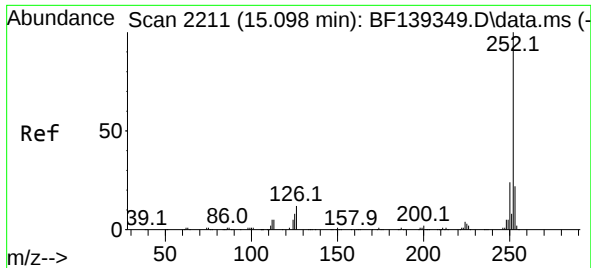
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

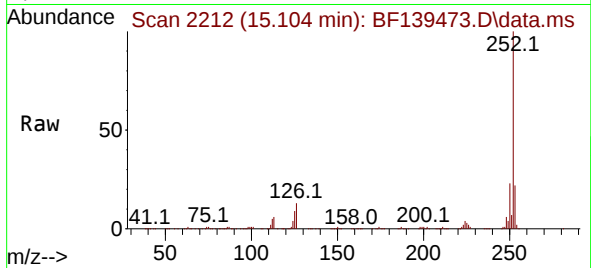
125 8.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 51.374 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

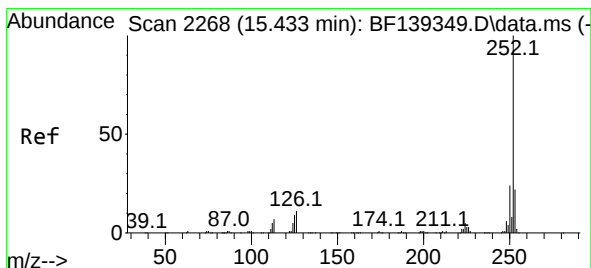
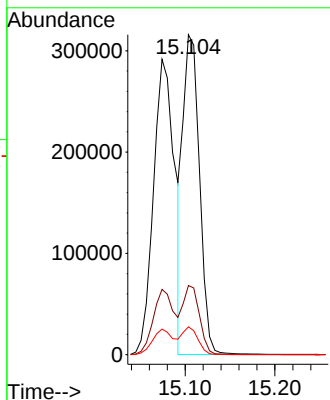
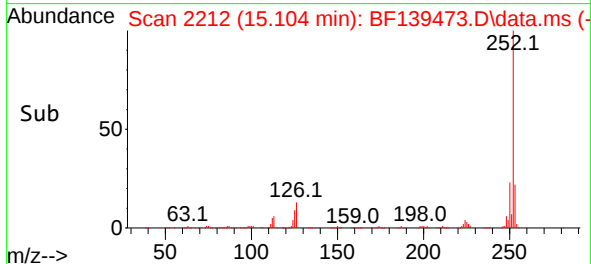
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



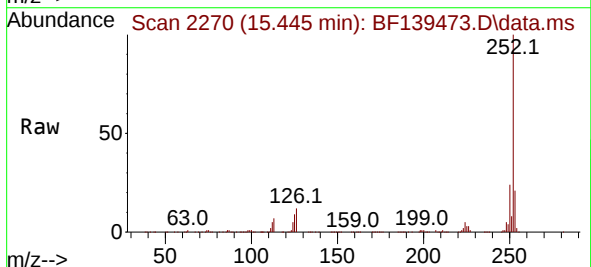
Tgt Ion:252 Resp: 40606
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.7 5.9 8.9

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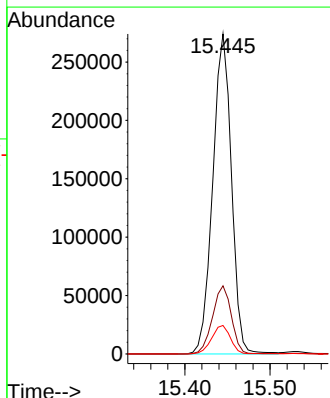
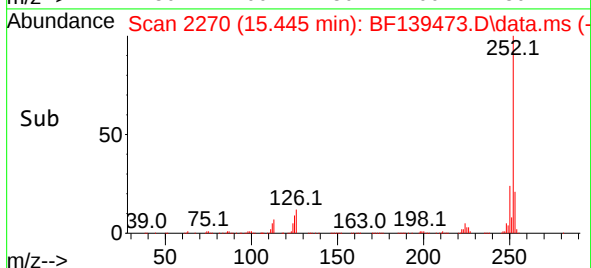
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

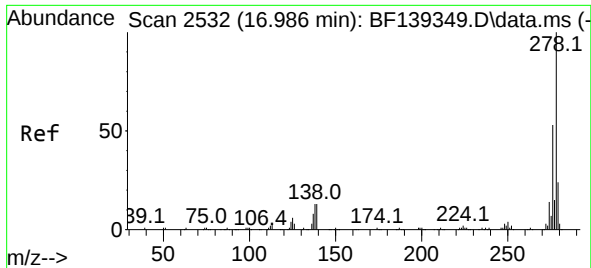


#90
Benzo(a)pyrene
Concen: 58.738 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



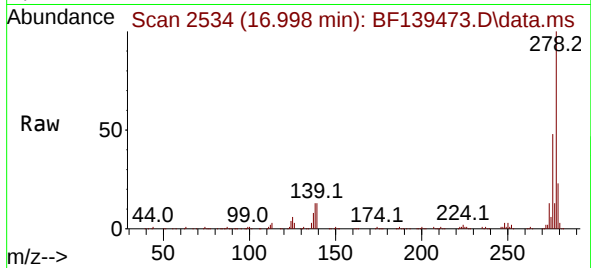
Tgt Ion:252 Resp: 417607
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 8.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 43.134 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49

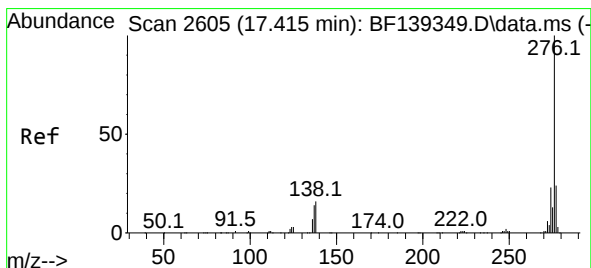
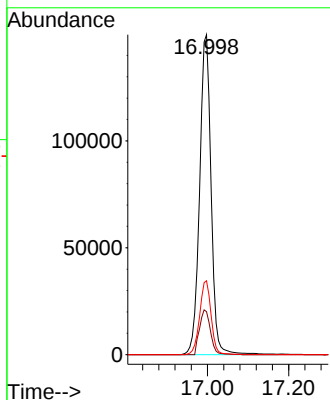
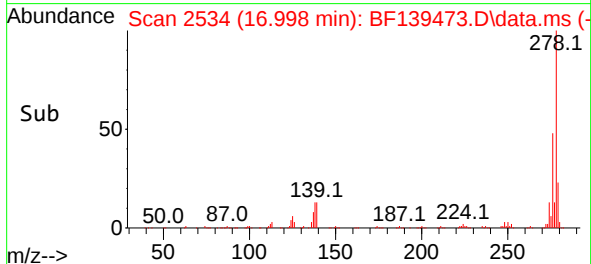
Instrument :
BNA_F
ClientSampleId :
WC-A-08-202409MS



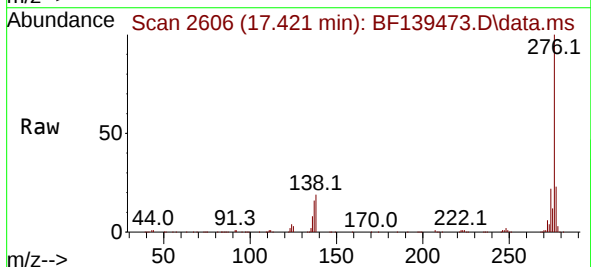
Tgt Ion:278 Resp: 294598
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.2
279 23.1 18.9 28.3

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 33.972 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139473.D
Acq: 19 Sep 2024 19:49



Tgt Ion:276 Resp: 229733
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 18.6 13.0 19.6

