

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139506.D
 Acq On : 20 Sep 2024 17:23
 Operator : RC/JU
 Sample : P4103-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22AMS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 18:19:26 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	75118	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	265096	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	120212	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	206785	20.000	ng	0.00
76) Chrysene-d12	14.039	240	107208	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	86523	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	543454	118.023	ng	0.02
7) Phenol-d6	6.516	99	681831	112.813	ng	0.01
23) Nitrobenzene-d5	7.445	82	482164	85.506	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	147424	115.193	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	774659	90.380	ng	0.00
79) Terphenyl-d14	12.986	244	721883	110.523	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.793	88	61147	33.099	ng	# 76
3) Pyridine	3.510	79	143606	35.257	ng	98
4) n-Nitrosodimethylamine	3.451	42	123552	34.997	ng	# 82
6) Aniline	6.592	93	33133m	7.264	ng	
8) 2-Chlorophenol	6.669	128	191088	40.315	ng	99
9) Benzaldehyde	6.434	77	25658	7.348	ng	98
10) Phenol	6.534	94	230326	37.417	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	188819m	40.358	ng	
12) 1,3-Dichlorobenzene	6.822	146	163506	30.332	ng	97
13) 1,4-Dichlorobenzene	6.898	146	166389	30.545	ng	99
14) 1,2-Dichlorobenzene	7.045	146	163244	31.714	ng	98
15) Benzyl Alcohol	7.022	79	172782	35.832	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	319914	44.368	ng	84
17) 2-Methylphenol	7.139	107	159202	42.274	ng	99
18) Hexachloroethane	7.392	117	57688	27.803	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	149092	41.628	ng	98
20) 3+4-Methylphenols	7.292	107	208259	40.534	ng	93
22) Acetophenone	7.286	105	270879	39.086	ng	97
24) Nitrobenzene	7.463	77	214795	37.010	ng	97
25) Isophorone	7.698	82	395935	44.397	ng	99
26) 2-Nitrophenol	7.775	139	93418	41.315	ng	95
27) 2,4-Dimethylphenol	7.816	122	159513m	53.482	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	230166	45.285	ng	98
29) 2,4-Dichlorophenol	8.028	162	160577	42.380	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	151778	34.379	ng	98
31) Naphthalene	8.180	128	525937	38.002	ng	99
32) Benzoic acid	7.928	122	104999	37.618	ng	93
33) 4-Chloroaniline	8.280	127	25290	5.973	ng	97
34) Hexachlorobutadiene	8.298	225	98214	32.745	ng	99
35) Caprolactam	8.598	113	44585m	38.252	ng	
36) 4-Chloro-3-methylphenol	8.722	107	166514	38.453	ng	96
37) 2-Methylnaphthalene	8.875	142	337410	38.410	ng	100
38) 1-Methylnaphthalene	8.969	142	313160	36.312	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158988	44.626	ng	99
41) Hexachlorocyclopentadiene	9.022	237	99484	79.974	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	108760	46.922	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	110699	45.276	ng	96
46) 1,1'-Biphenyl	9.333	154	422065	45.637	ng	99
47) 2-Chloronaphthalene	9.363	162	302369	43.727	ng	99
48) 2-Nitroaniline	9.457	65	118985	46.262	ng	96
49) Acenaphthylene	9.774	152	492058	47.273	ng	100
50) Dimethylphthalate	9.633	163	387582	49.123	ng	99
51) 2,6-Dinitrotoluene	9.698	165	79789	45.649	ng	95
52) Acenaphthene	9.951	154	332144	45.720	ng	99
53) 3-Nitroaniline	9.869	138	38494	22.037	ng	92
54) 2,4-Dinitrophenol	9.975	184	57429	58.964	ng	92
55) Dibenzofuran	10.122	168	447474	44.192	ng	96
56) 4-Nitrophenol	10.033	139	113447	78.488	ng	86
57) 2,4-Dinitrotoluene	10.104	165	107111	45.390	ng	95
58) Fluorene	10.463	166	345845	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93283	46.122	ng	94
60) Diethylphthalate	10.333	149	371672	45.648	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	169648	42.253	ng	95
62) 4-Nitroaniline	10.480	138	67491	35.401	ng	90
63) Azobenzene	10.616	77	343343	42.873	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	37426	34.292	ng	91
66) n-Nitrosodiphenylamine	10.574	169	285403	47.208	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98353	47.996	ng	98
68) Hexachlorobenzene	11.010	284	109136	45.379	ng	100
69) Atrazine	11.104	200	66630	46.294	ng	97
70) Pentachlorophenol	11.210	266	142663	98.860	ng	99
71) Phenanthrene	11.427	178	481633	48.277	ng	100
72) Anthracene	11.480	178	496555	50.906	ng	99
73) Carbazole	11.633	167	457414	48.996	ng	99
74) Di-n-butylphthalate	11.963	149	524700	50.453	ng	99
75) Fluoranthene	12.616	202	521151	48.916	ng	98
77) Benzidine	12.745	184	29280	19.063	ng	96
78) Pyrene	12.845	202	520261	56.518	ng	100
80) Butylbenzylphthalate	13.457	149	194429	62.053	ng	100
81) Benzo(a)anthracene	14.027	228	345247	48.617	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	35822	17.225	ng	99
83) Chrysene	14.062	228	327709	50.159	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	225551	56.587	ng	99
85) Di-n-octyl phthalate	14.627	149	314082	53.505	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	238622	46.380	ng	97
88) Benzo(b)fluoranthene	15.080	252	252614	47.340	ng	99
89) Benzo(k)fluoranthene	15.109	252	259325	52.707	ng	99
90) Benzo(a)pyrene	15.451	252	232602	52.559	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	203415	47.847	ng	98
92) Benzo(g,h,i)perylene	17.433	276	169737	40.323	ng	97

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

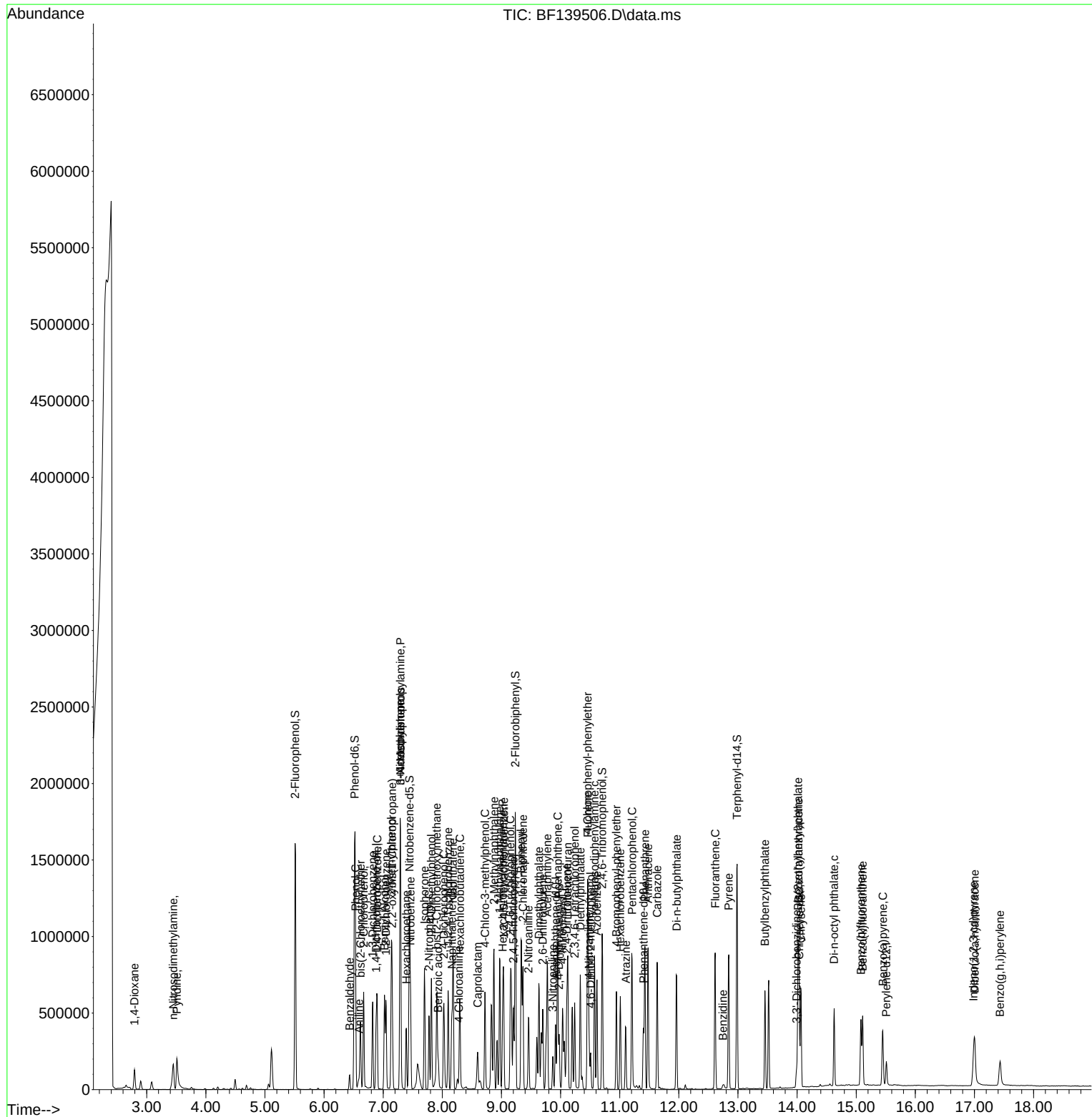
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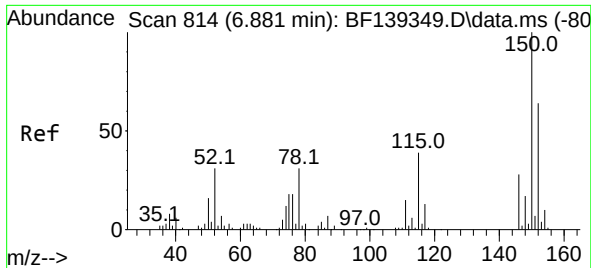
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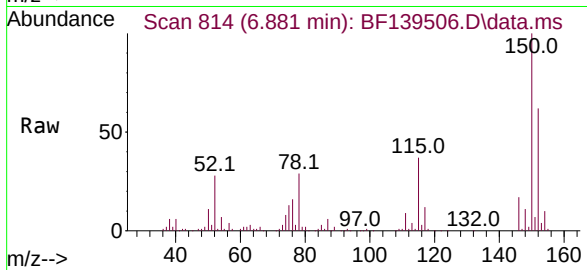
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

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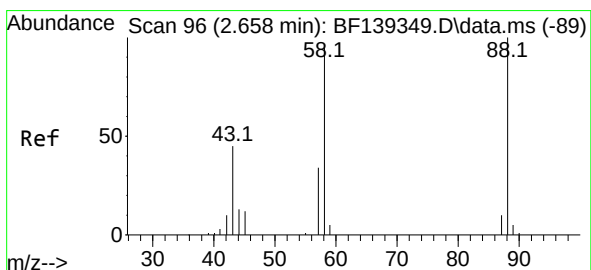
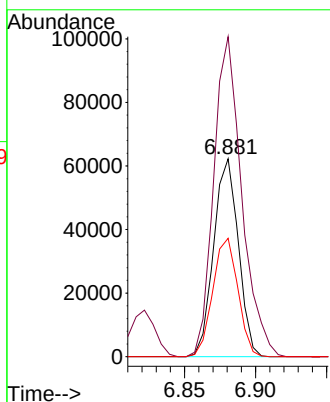
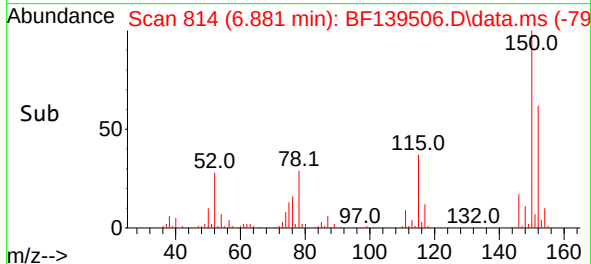
Tgt Ion:152 Resp: 75118
Ion Ratio Lower Upper
152 100
150 161.7 124.1 186.1
115 59.8 48.1 72.1

Manual Integrations

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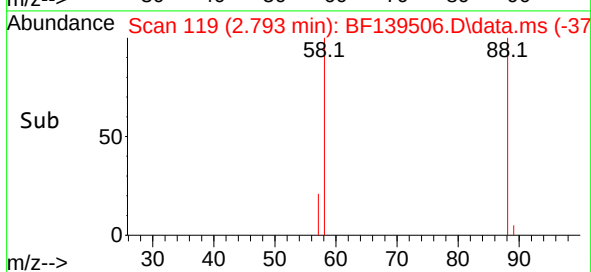
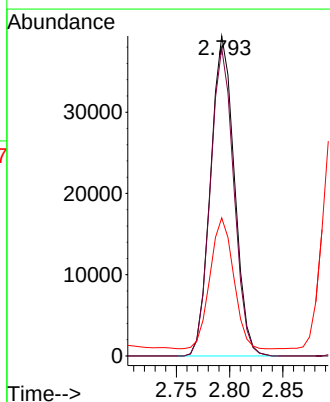
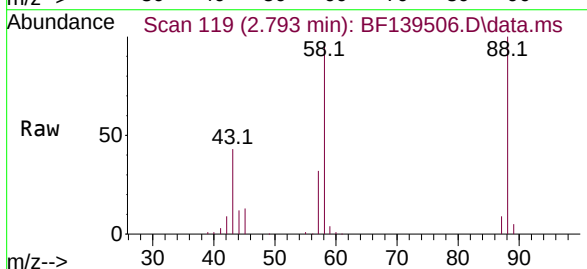
Reviewed By :Yogesh Patel 09/21/2024

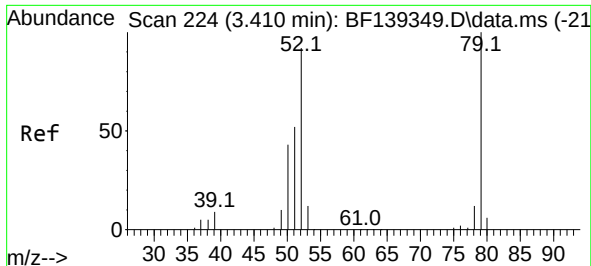
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 33.099 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.135 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 88 Resp: 61147
Ion Ratio Lower Upper
88 100
58 95.0 74.8 112.2
43 0.0 36.4 54.6





#3

Pyridine

Concen: 35.257 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion: 79 Resp: 143600

Ion Ratio Lower Upper

79 100

52 92.4 73.8 110.8

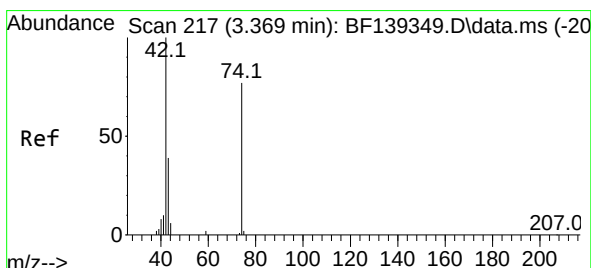
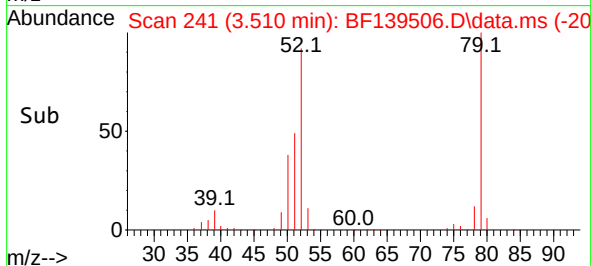
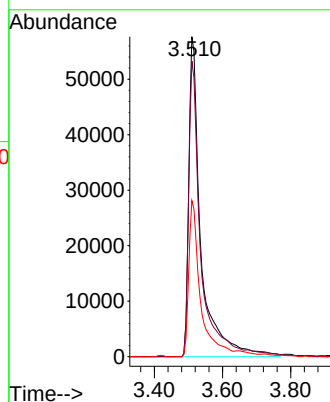
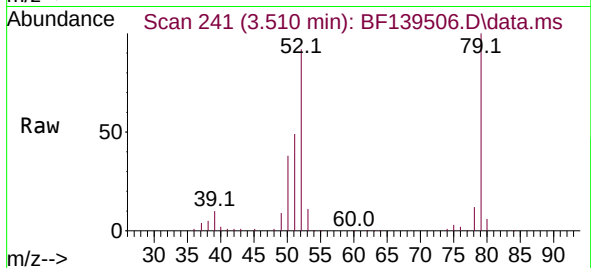
51 48.7 41.8 62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 34.997 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

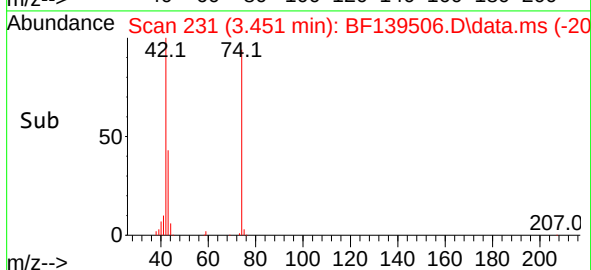
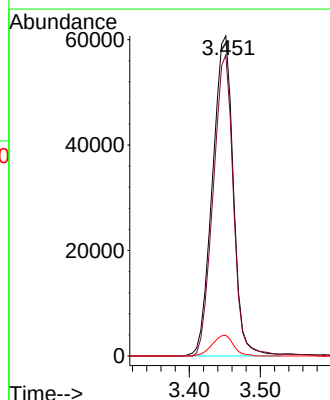
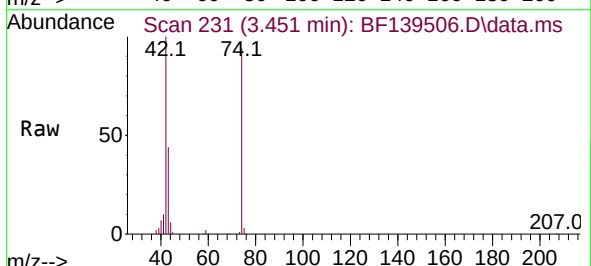
Tgt Ion: 42 Resp: 123552

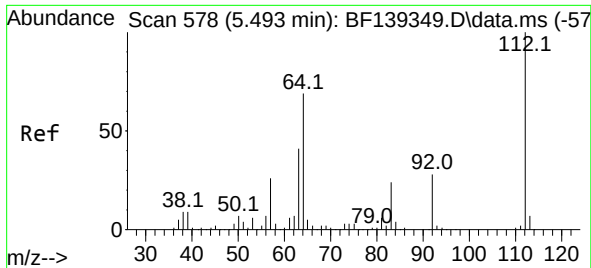
Ion Ratio Lower Upper

42 100

74 94.1 61.8 92.8

44 6.5 4.8 7.2





#5
2-Fluorophenol
Concen: 118.023 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

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ClientSampleId :

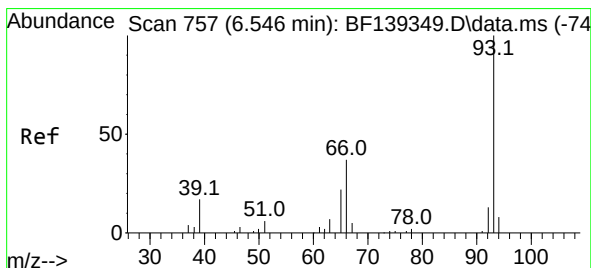
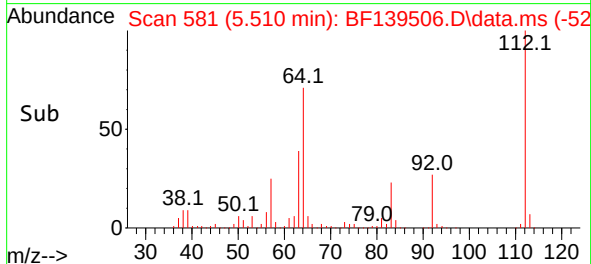
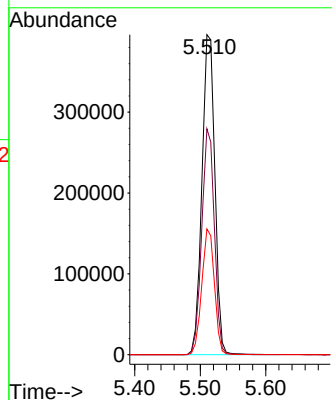
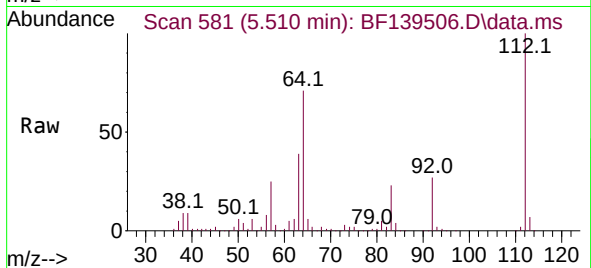
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Tgt Ion:112 Resp: 54345
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 39.3 33.0 49.4

Manual Integrations

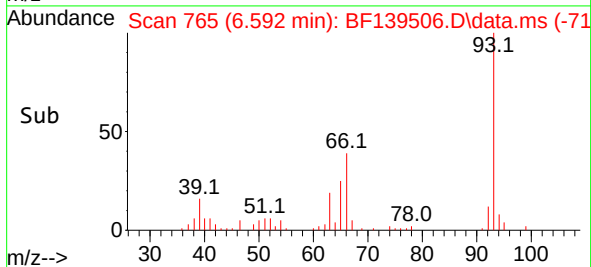
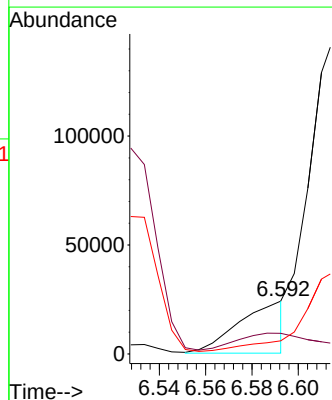
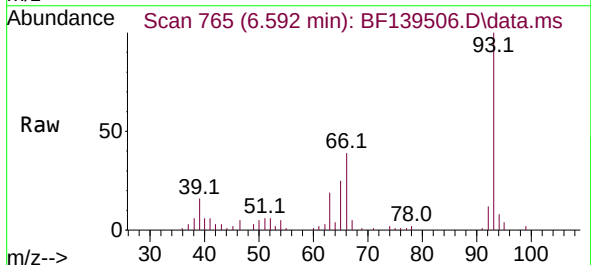
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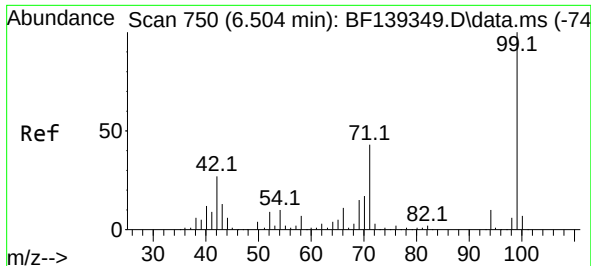
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 7.264 ng m
RT: 6.592 min Scan# 765
Delta R.T. 0.023 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

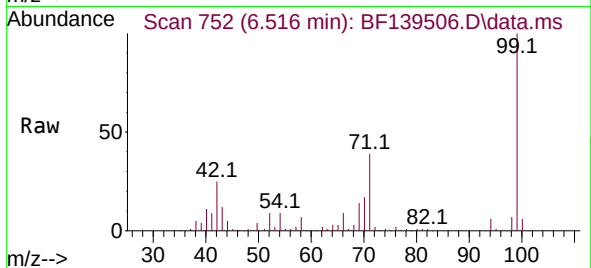
Tgt Ion: 93 Resp: 33133
Ion Ratio Lower Upper
93 100
66 39.1 35.4 53.0
65 24.9 18.2 27.4





#7
Phenol-d6
Concen: 112.813 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

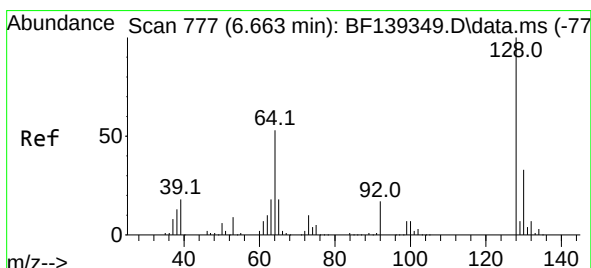
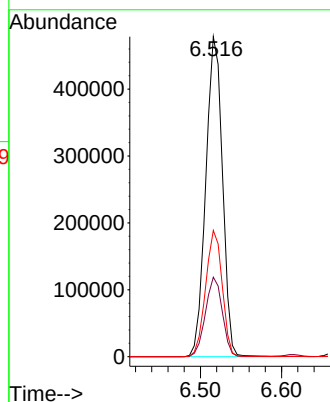
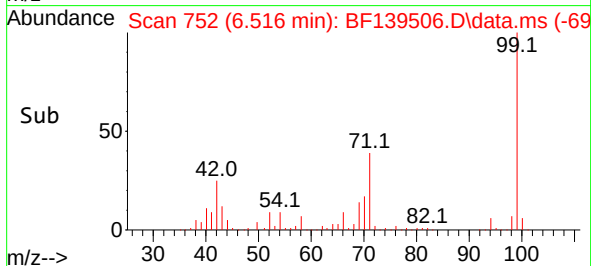
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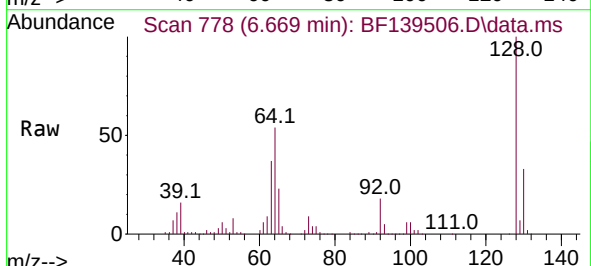
Tgt Ion: 99 Resp: 68183
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.5 34.6 52.0

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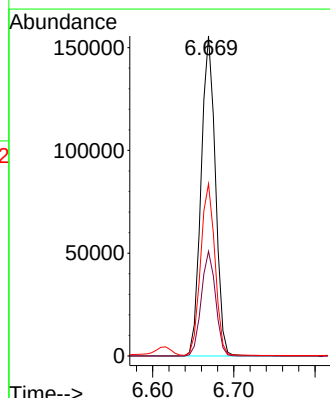
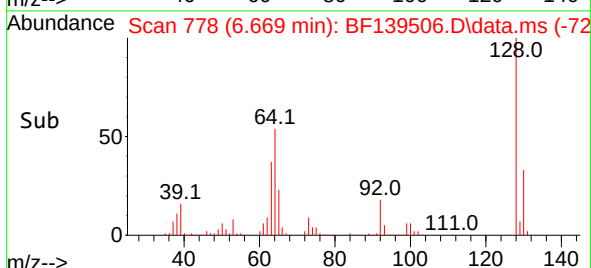
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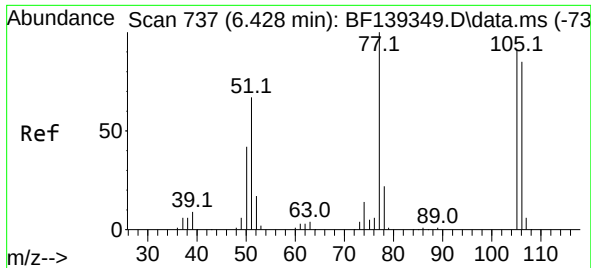


#8
2-Chlorophenol
Concen: 40.315 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:128 Resp: 191088
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 7.348 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139506.D

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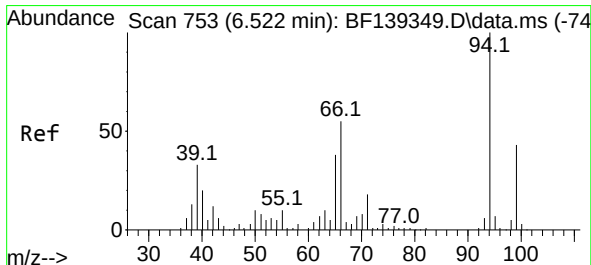
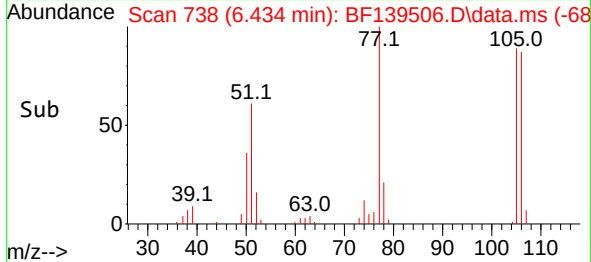
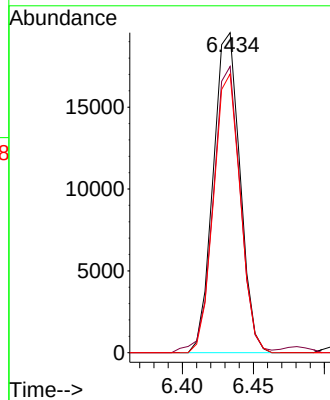
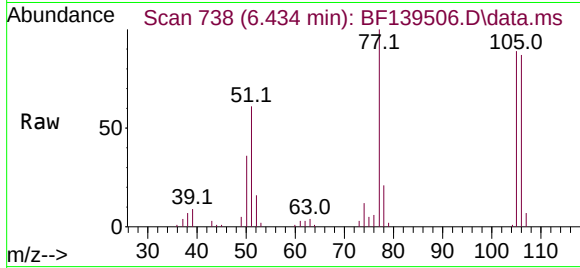
Tgt Ion: 77	Resp: 25658
Ion Ratio	Lower Upper
77 100	
105 89.4	71.0 111.0
106 87.1	64.9 104.9

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#10

Phenol

Concen: 37.417 ng

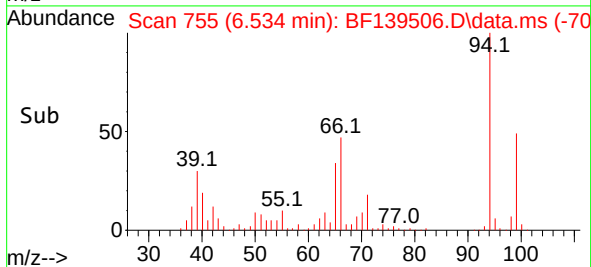
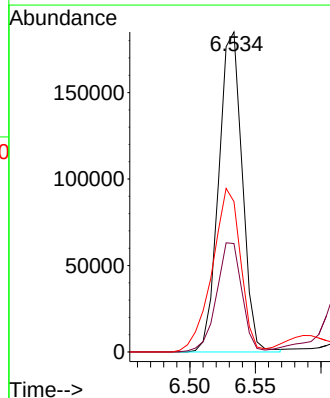
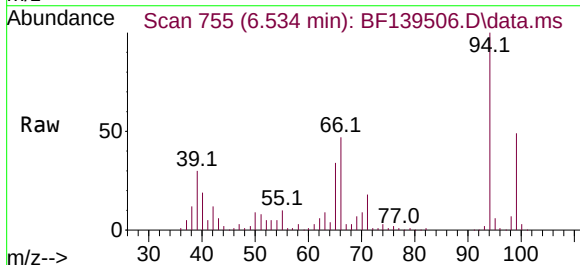
RT: 6.534 min Scan# 755

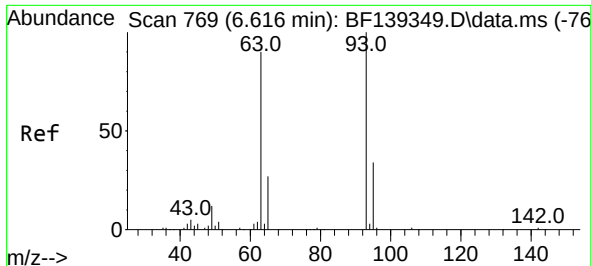
Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

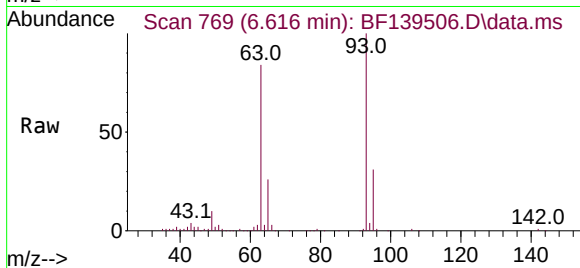
Tgt Ion: 94	Resp: 230326
Ion Ratio	Lower Upper
94 100	
65 33.9	17.6 57.6
66 47.0	35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 40.358 ng m
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

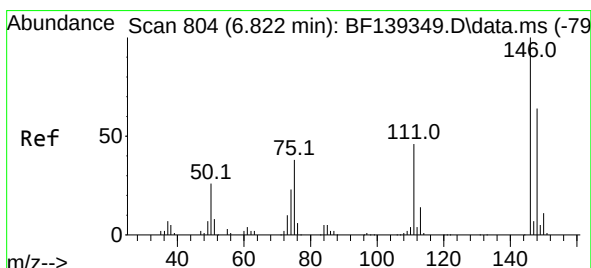
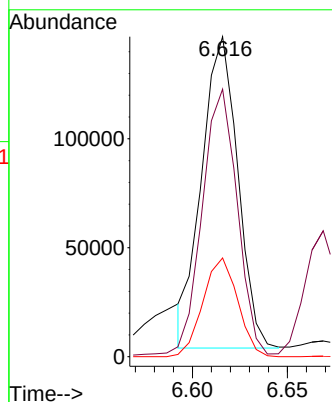
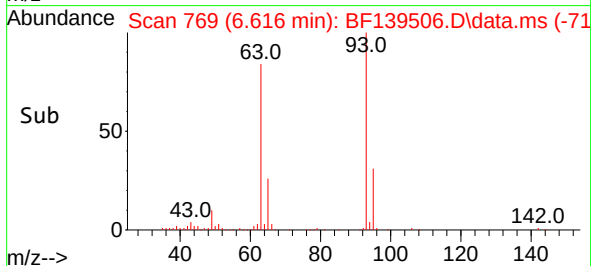
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 93 Resp: 188819
Ion Ratio Lower Upper
93 100
63 83.6 65.3 105.3
95 30.8 12.4 52.4

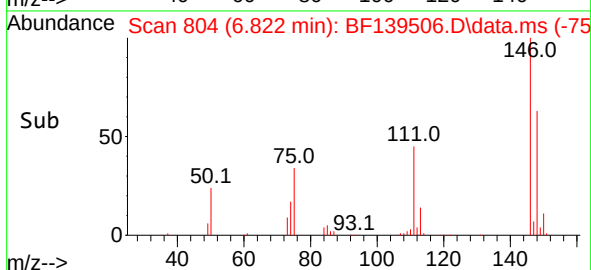
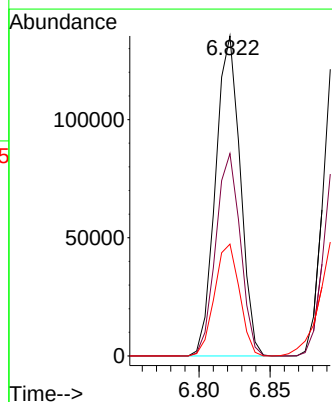
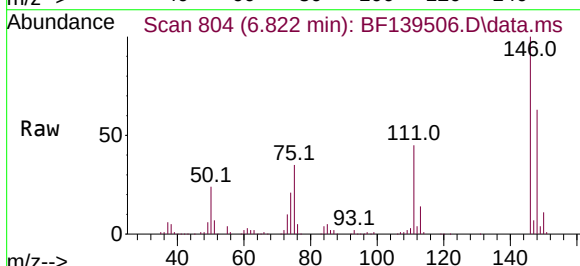
Manual Integrations
APPROVED

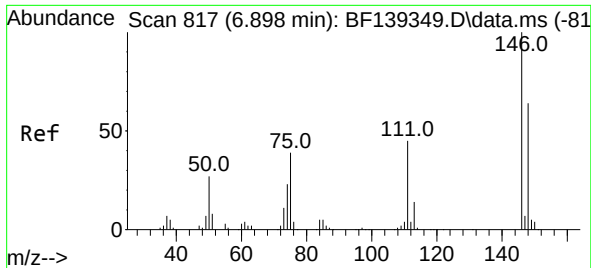
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 30.332 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:146 Resp: 163506
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 35.0 30.6 46.0





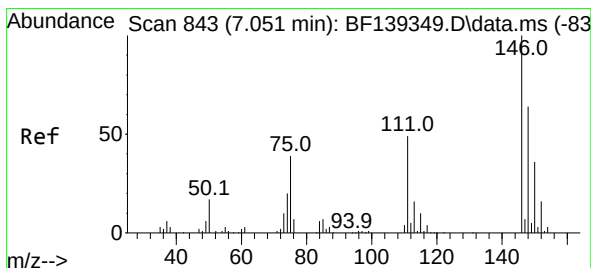
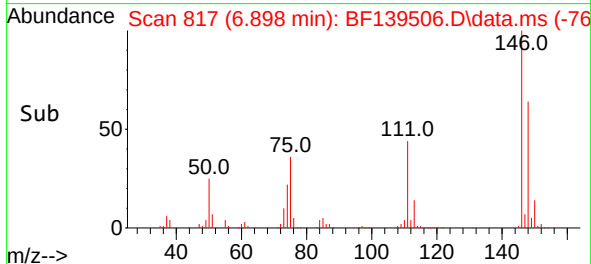
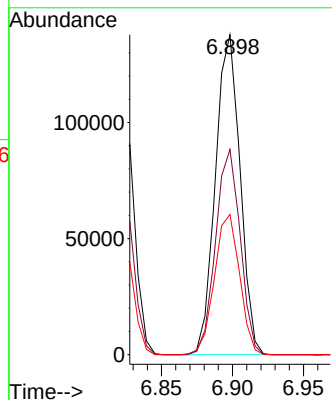
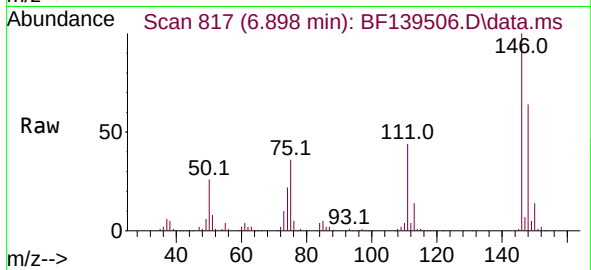
#13
1,4-Dichlorobenzene
Concen: 30.545 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:146 Resp: 166389
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.8 36.3 54.5

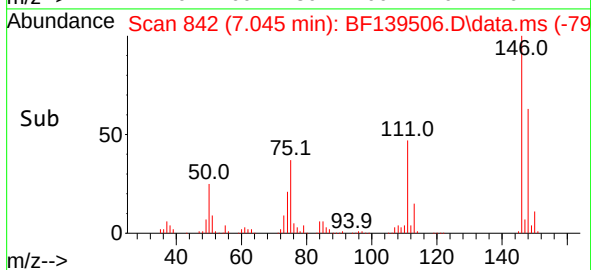
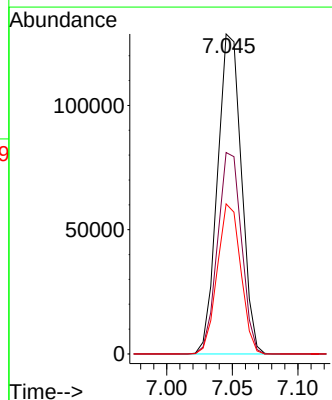
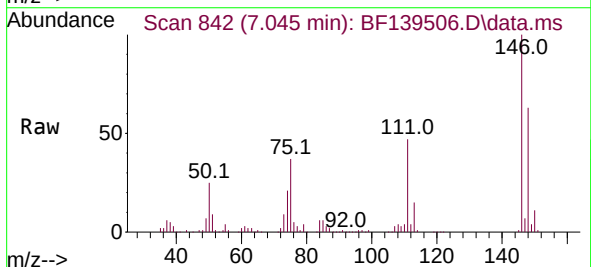
Manual Integrations
APPROVED

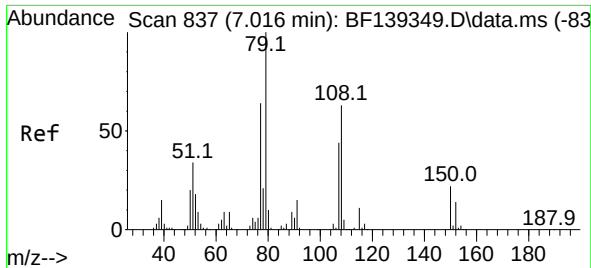
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 31.714 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

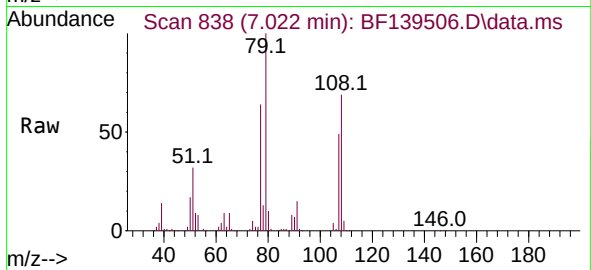
Tgt Ion:146 Resp: 163244
Ion Ratio Lower Upper
146 100
148 63.0 50.9 76.3
111 46.9 38.9 58.3





#15
Benzyl Alcohol
Concen: 35.832 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

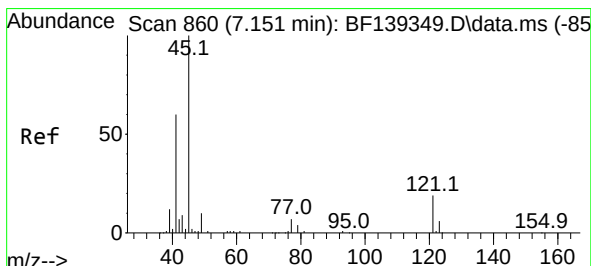
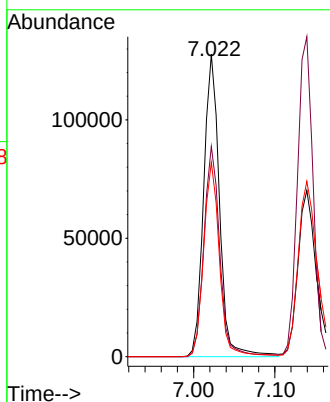
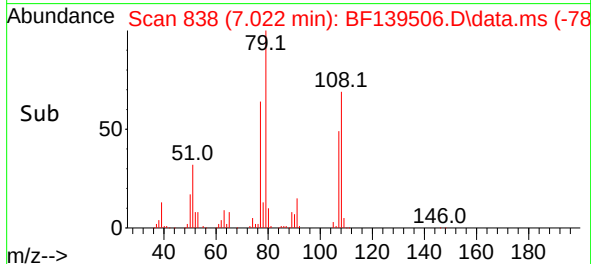
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 79 Resp: 172782
Ion Ratio Lower Upper
79 100
108 69.5 50.4 75.6
77 64.2 51.4 77.2

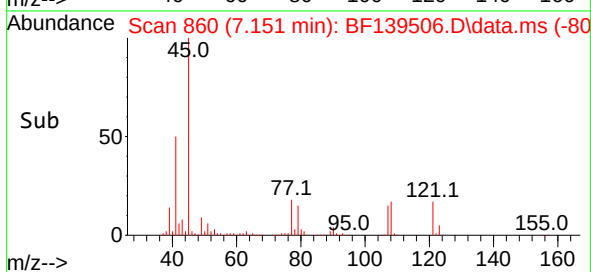
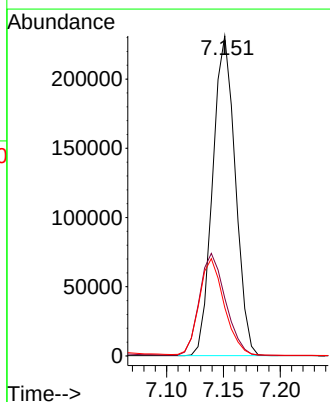
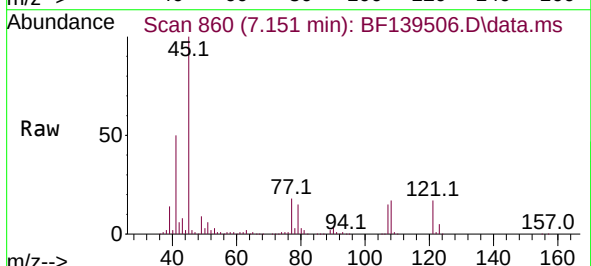
Manual Integrations
APPROVED

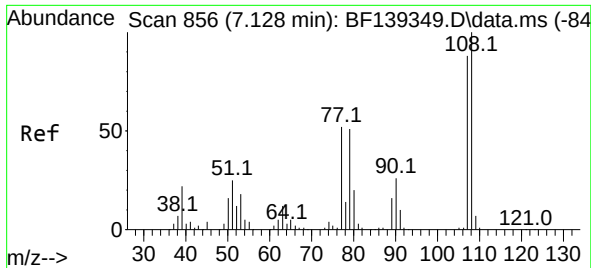
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.368 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion: 45 Resp: 319914
Ion Ratio Lower Upper
45 100
77 18.1 0.0 32.0
79 15.1 0.0 29.1





#17
2-Methylphenol
Concen: 42.274 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

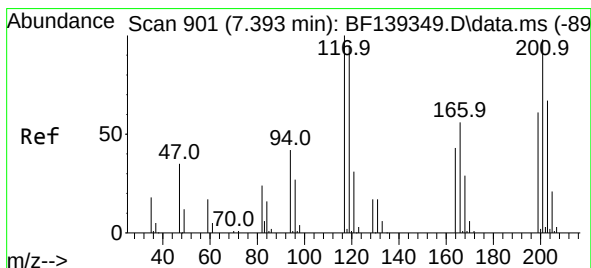
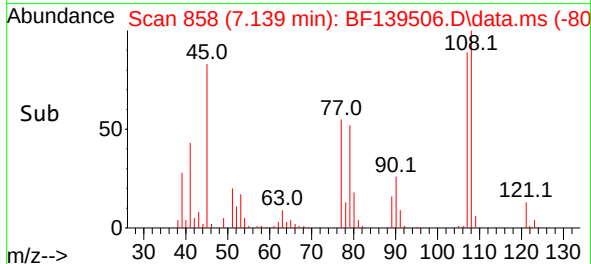
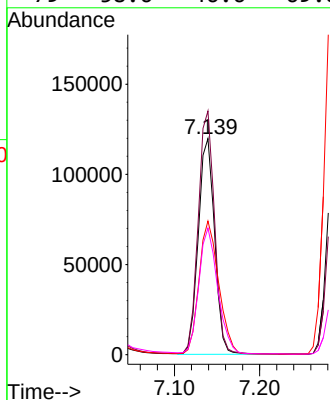
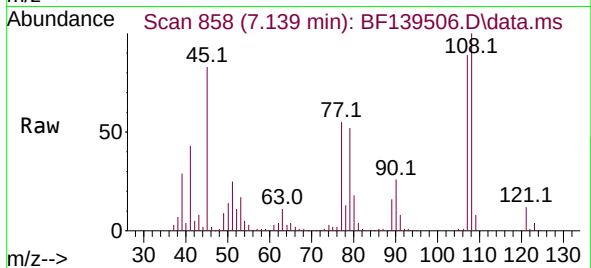
WC-22AMS

Tgt Ion:107 Resp: 15920
Ion Ratio Lower Upper
107 100
108 112.8 90.5 135.7
77 61.8 47.1 70.7
79 58.6 46.6 69.8

Manual Integrations

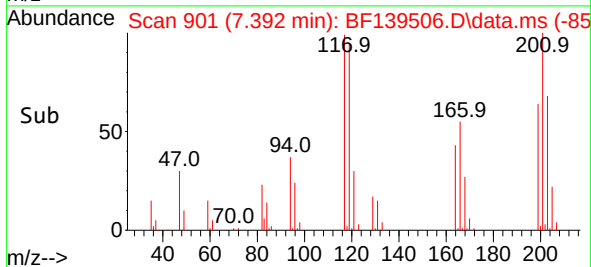
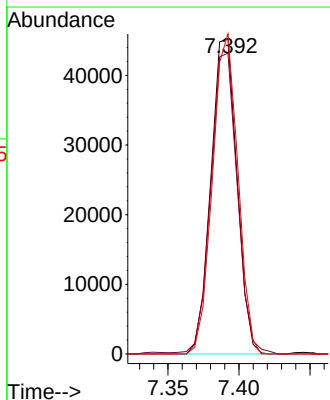
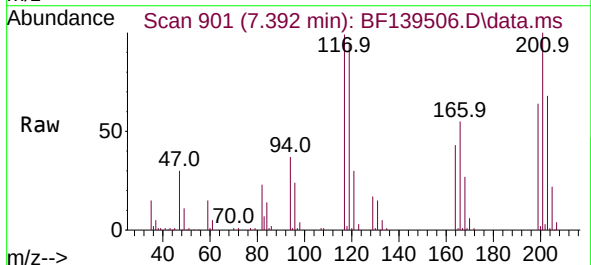
APPROVED

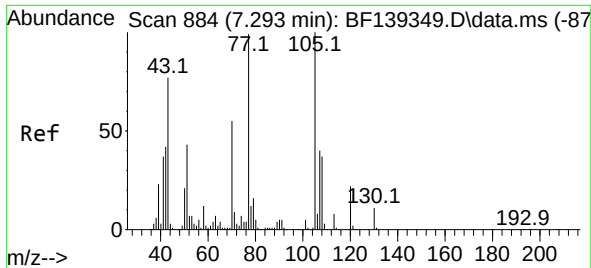
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 27.803 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:117 Resp: 57688
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 101.4 78.6 118.0





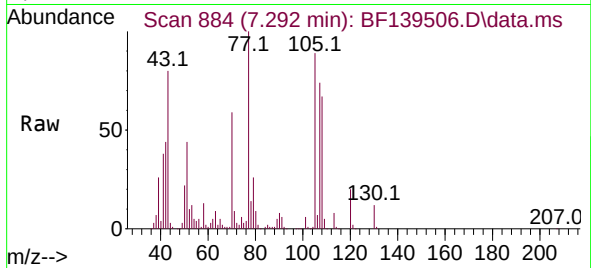
#19
n-Nitroso-di-n-propylamine
Concen: 41.628 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

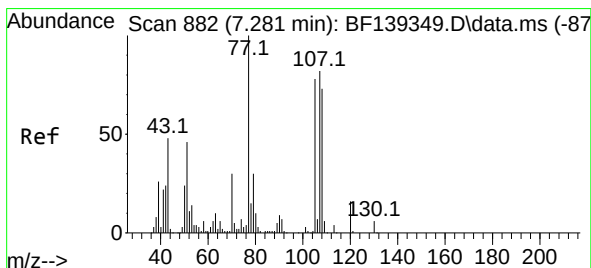
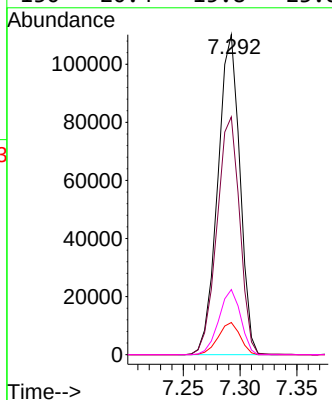
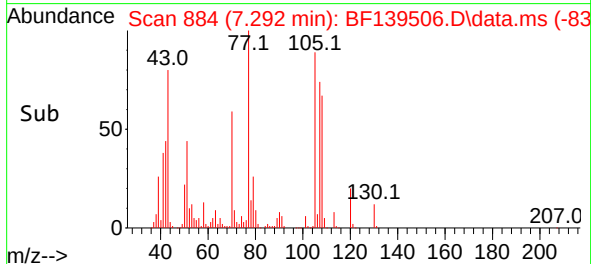
WC-22AMS



Tgt Ion: 70 Resp: 149092
Ion Ratio Lower Upper
70 100
42 74.3 61.2 91.8
101 10.1 7.5 11.3
130 20.4 15.8 23.8

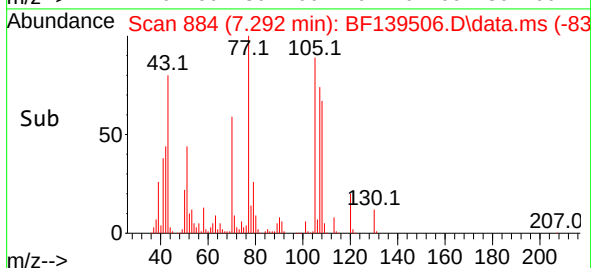
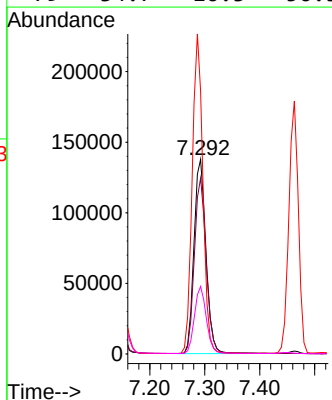
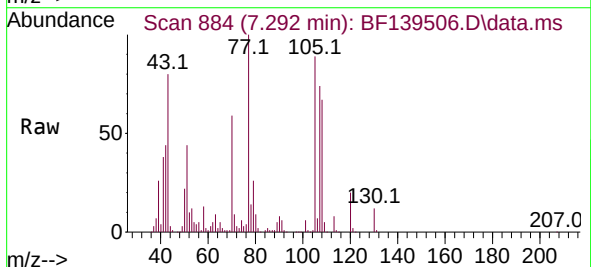
Manual Integrations
APPROVED

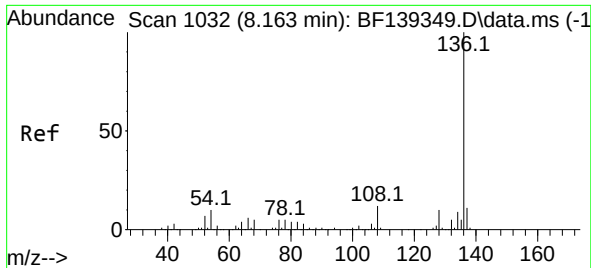
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 40.534 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:107 Resp: 208259
Ion Ratio Lower Upper
107 100
108 90.4 68.6 108.6
77 135.1 101.6 141.6
79 34.7 16.3 56.3





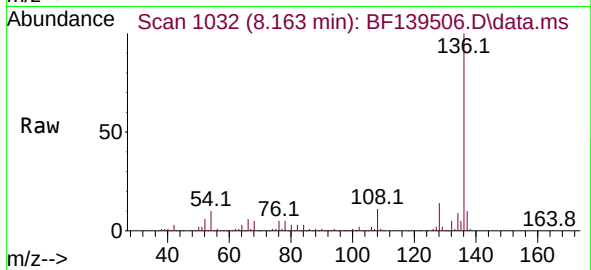
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



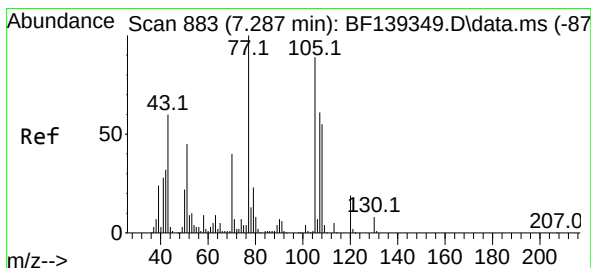
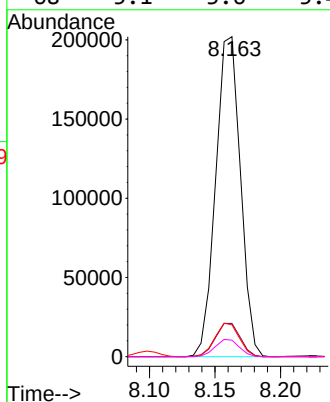
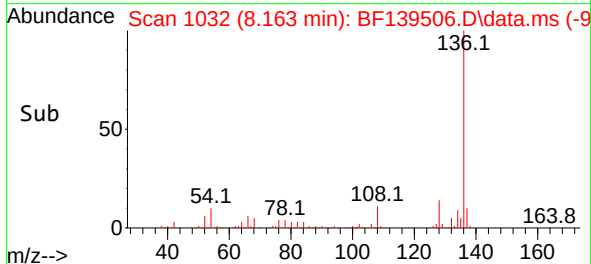
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.0	7.8	11.8
68	5.1	3.6	5.4

Manual Integrations

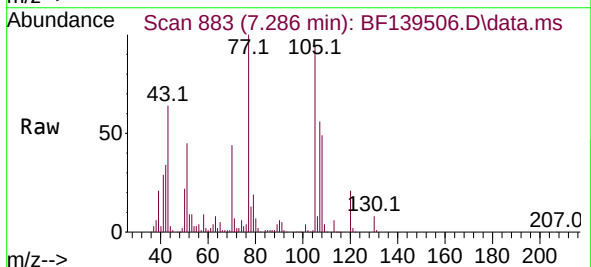
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

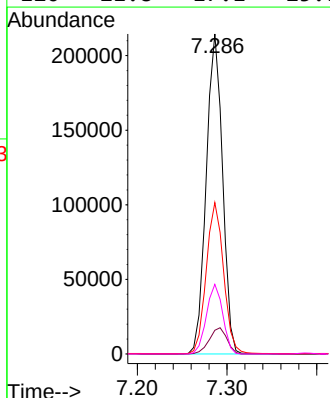
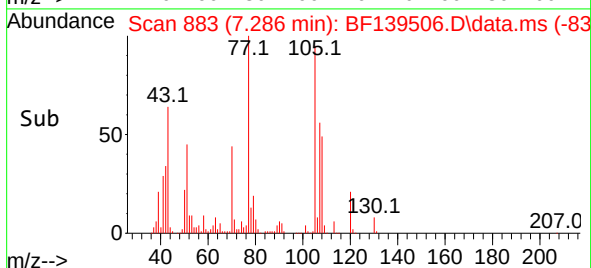
Supervised By :mohammad ahmed 09/22/2024

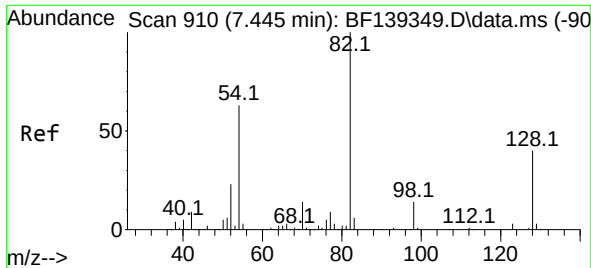


#22
Acetophenone
Concen: 39.086 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



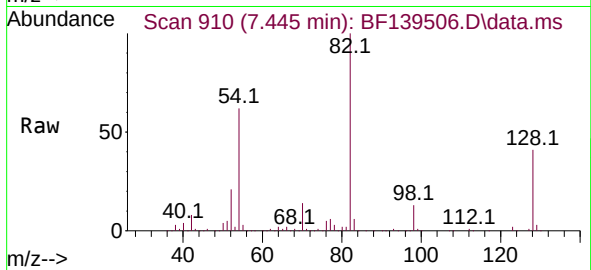
Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.9	8.9
51	47.3	40.0	60.0
120	21.8	17.1	25.7





#23
Nitrobenzene-d5
Concen: 85.506 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

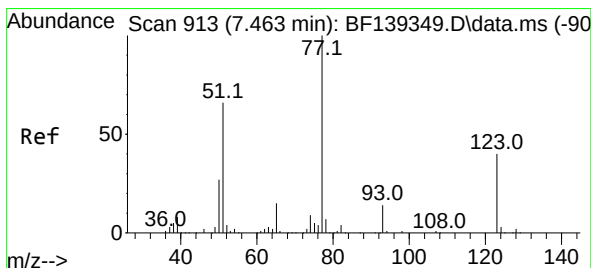
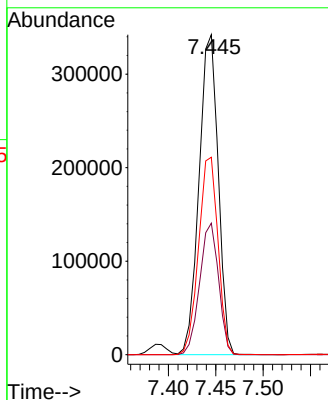
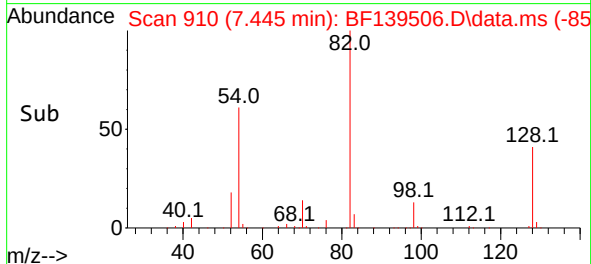
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



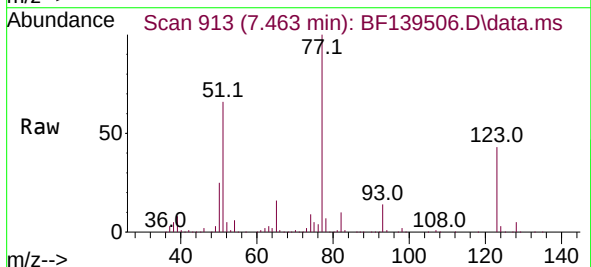
Tgt Ion: 82 Resp: 482164
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 61.7 50.6 75.8

Manual Integrations
APPROVED

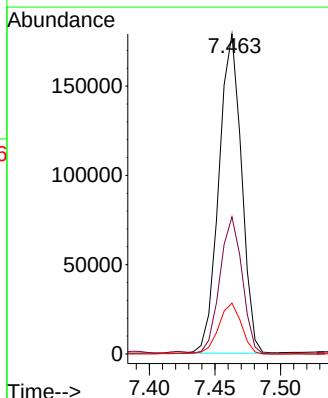
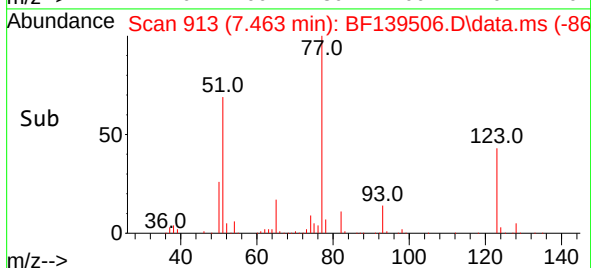
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

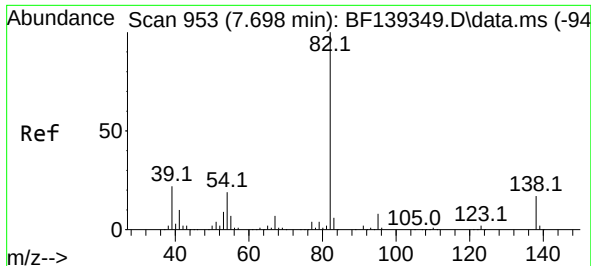


#24
Nitrobenzene
Concen: 37.010 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



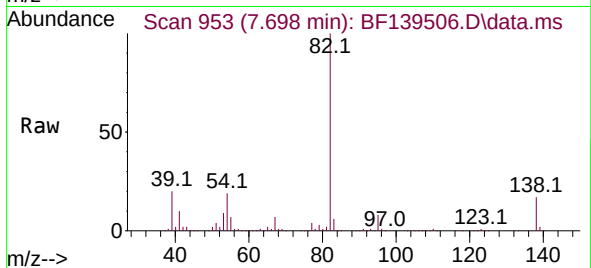
Tgt Ion: 77 Resp: 214795
Ion Ratio Lower Upper
77 100
123 42.8 32.2 48.4
65 15.9 12.2 18.4





#25
Isophorone
Concen: 44.397 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

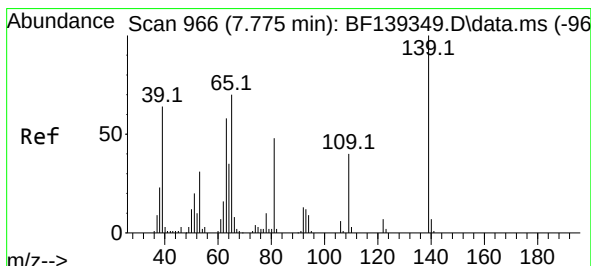
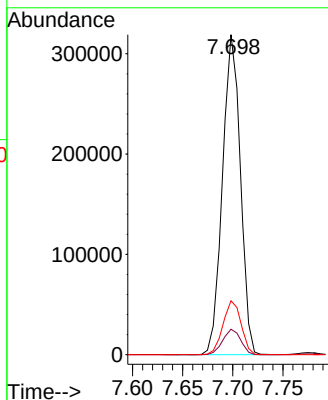
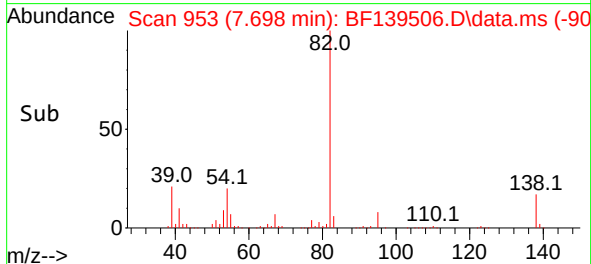
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion: 82 Resp: 395938
Ion Ratio Lower Upper
82 100
95 7.9 6.7 10.1
138 16.9 13.3 19.9

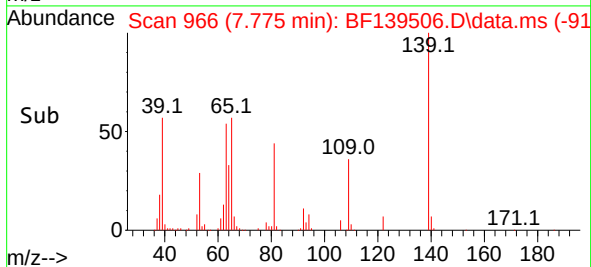
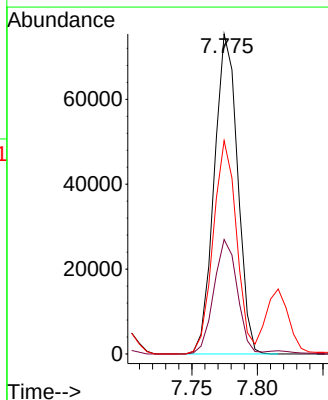
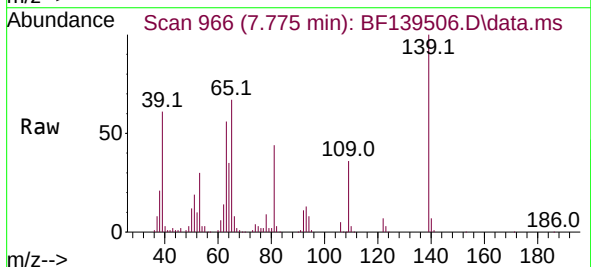
Manual Integrations
APPROVED

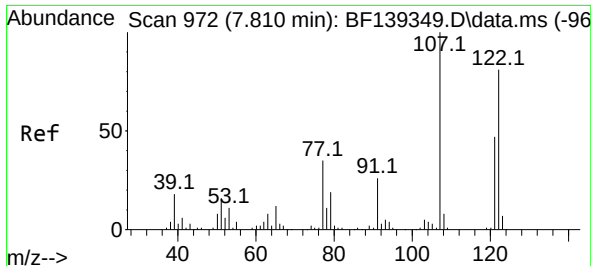
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 41.315 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

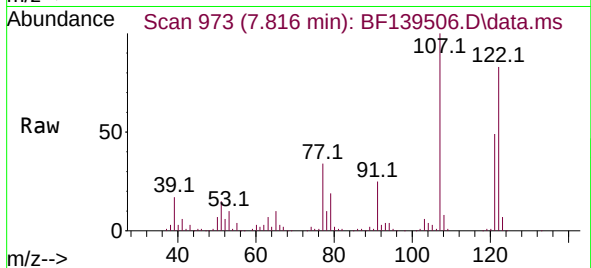
Tgt Ion:139 Resp: 93418
Ion Ratio Lower Upper
139 100
109 35.7 32.2 48.2
65 66.7 55.8 83.8





#27
2,4-Dimethylphenol
Concen: 53.482 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

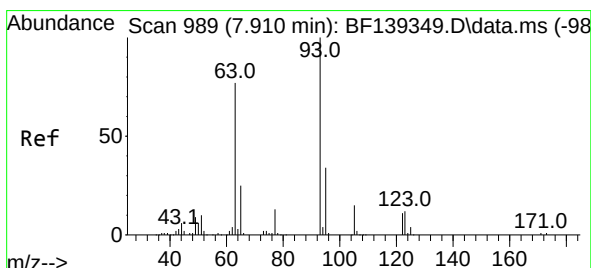
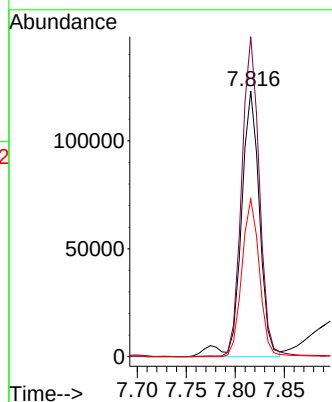
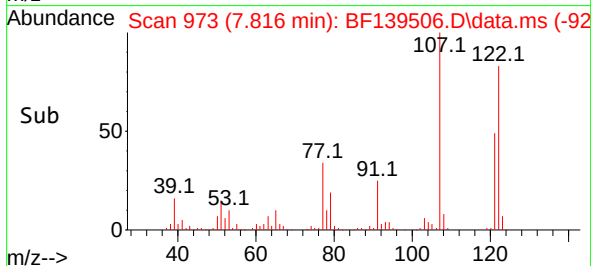
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:122 Resp: 15951
Ion Ratio Lower Upper
122 100
107 120.4 99.1 148.7
121 59.3 46.6 70.0

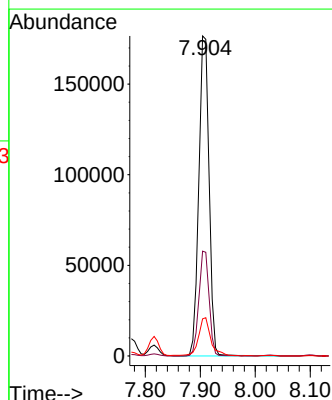
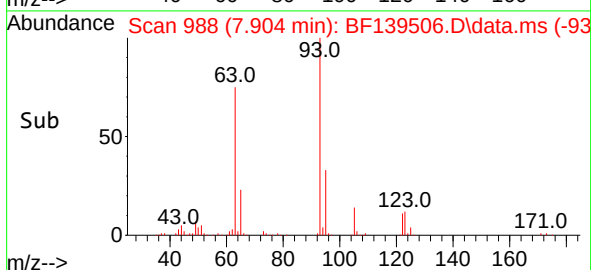
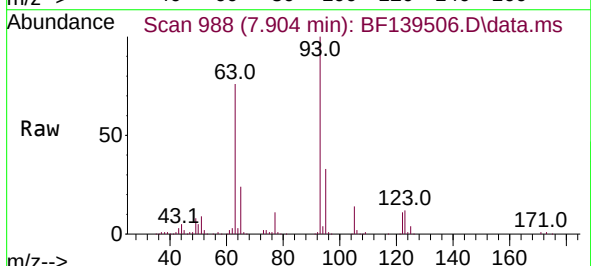
Manual Integrations
APPROVED

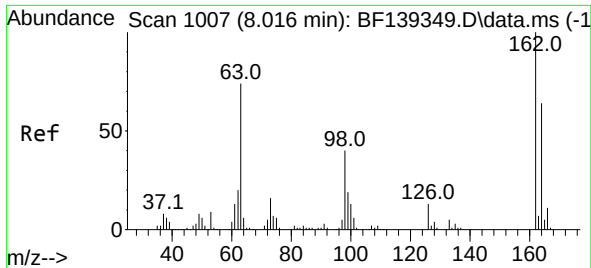
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.285 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

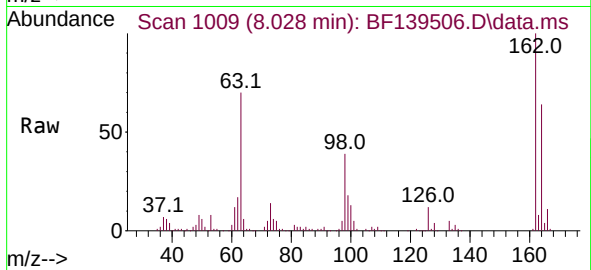
Tgt Ion: 93 Resp: 230166
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.6 10.0 15.0





#29
2,4-Dichlorophenol
Concen: 42.380 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

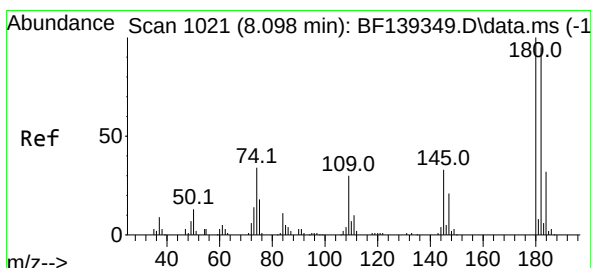
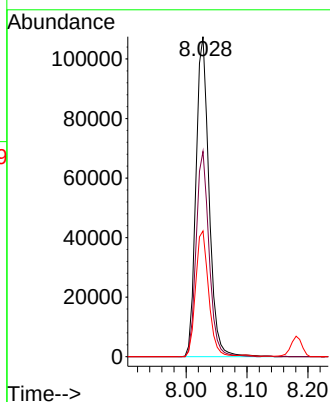
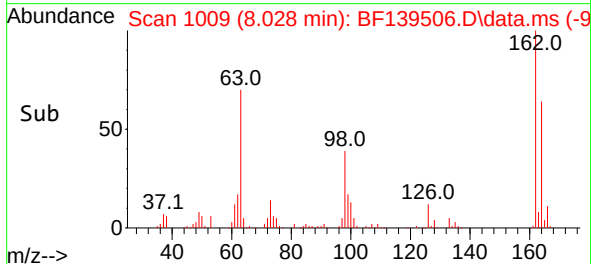
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



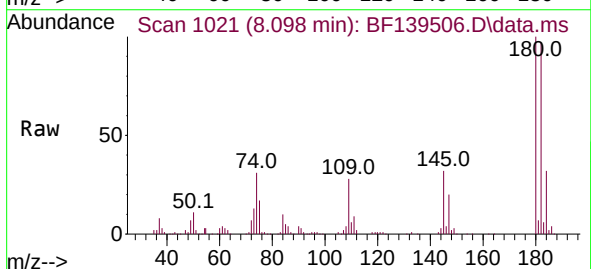
Tgt Ion:162 Resp: 16057
Ion Ratio Lower Upper
162 100
164 64.2 43.6 83.6
98 39.3 19.7 59.7

Manual Integrations
APPROVED

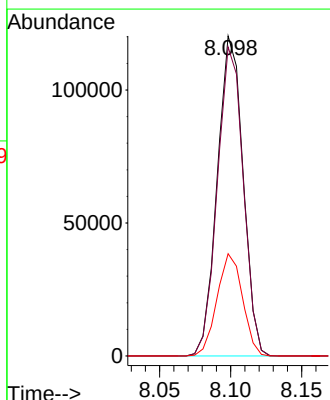
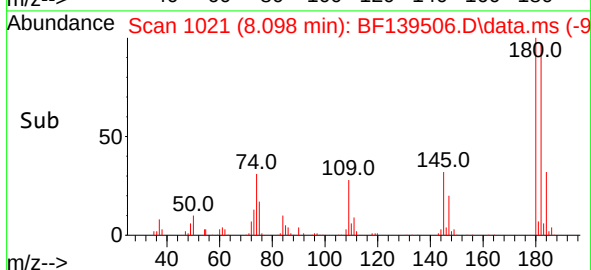
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

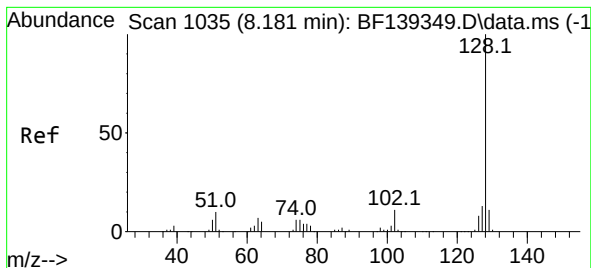


#30
1,2,4-Trichlorobenzene
Concen: 34.379 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:180 Resp: 151778
Ion Ratio Lower Upper
180 100
182 96.5 75.7 113.5
145 32.0 26.5 39.7





#31

Naphthalene

Concen: 38.002 ng

RT: 8.180 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

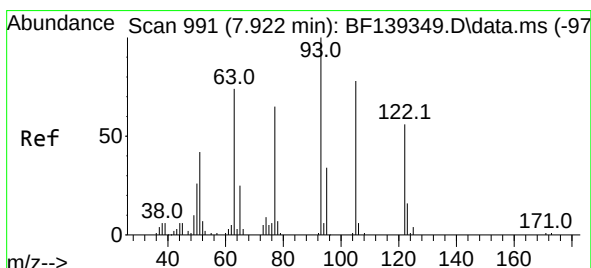
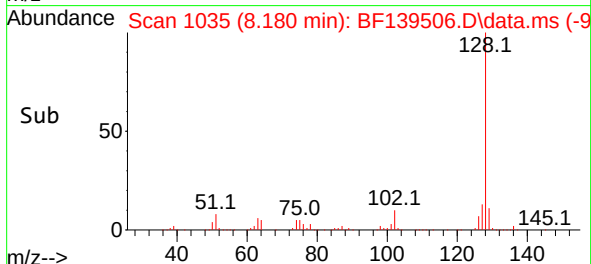
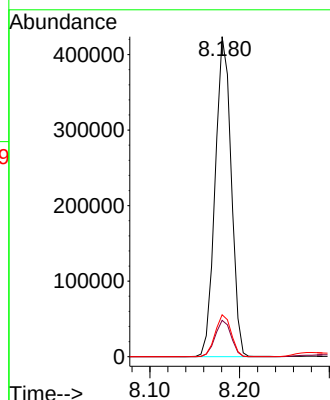
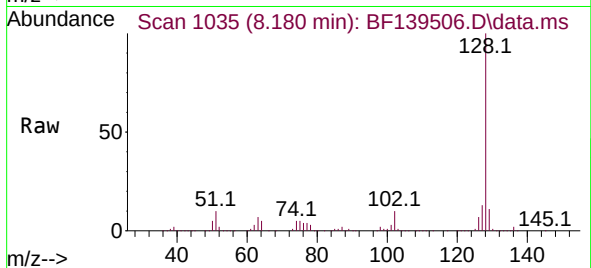
Tgt Ion:	128	Resp:	52593
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.6	13.0
127	13.1	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 37.618 ng

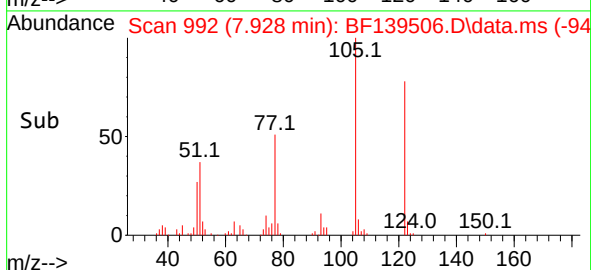
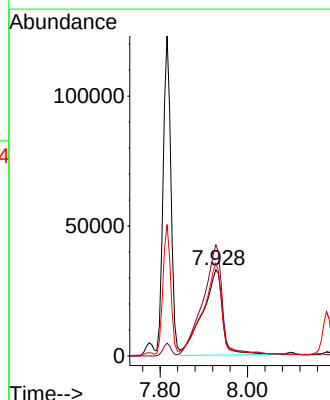
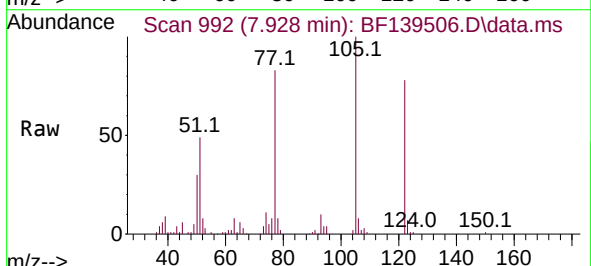
RT: 7.928 min Scan# 992

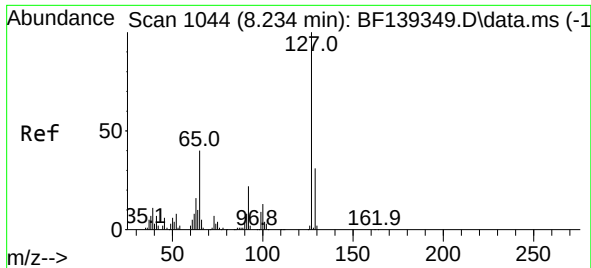
Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:	122	Resp:	104999
Ion Ratio	Lower	Upper	
122	100		
105	128.7	117.1	157.1
77	107.4	95.4	135.4





#33
4-Chloroaniline
Concen: 5.973 ng
RT: 8.280 min Scan# 1052
Delta R.T. 0.047 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

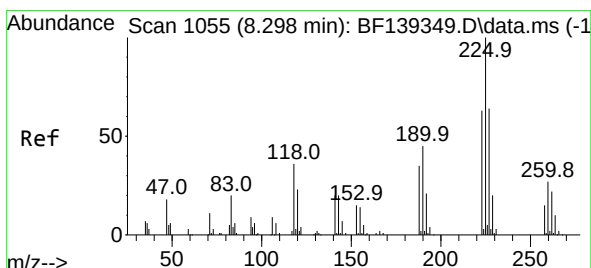
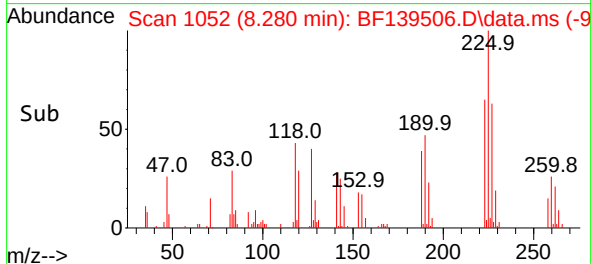
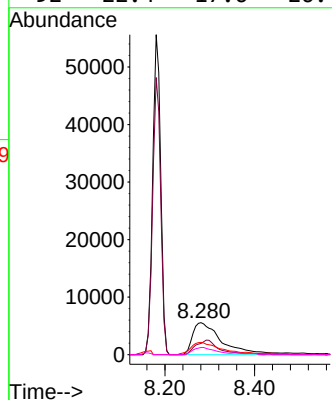
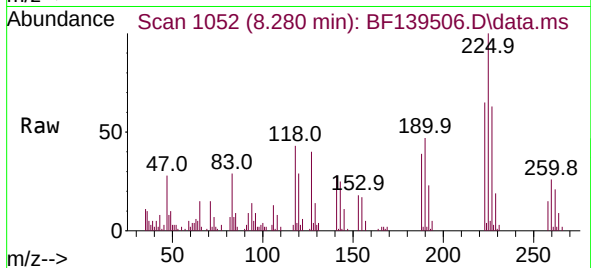
WC-22AMS

Tgt Ion:127 Resp: 25290
Ion Ratio Lower Upper
127 100
129 35.1 25.5 38.3
65 38.3 31.5 47.3
92 22.4 17.6 26.4

Manual Integrations

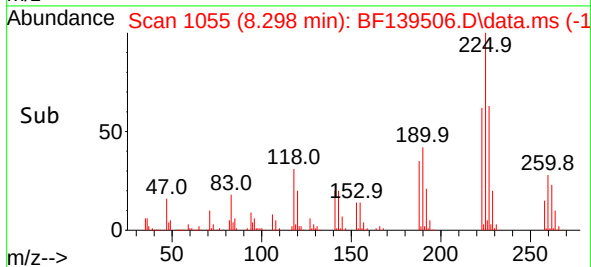
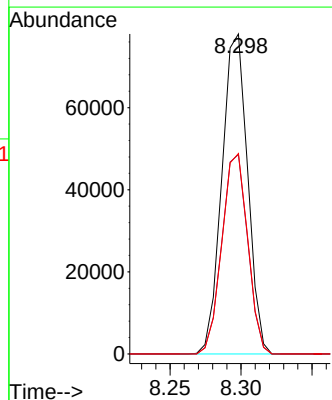
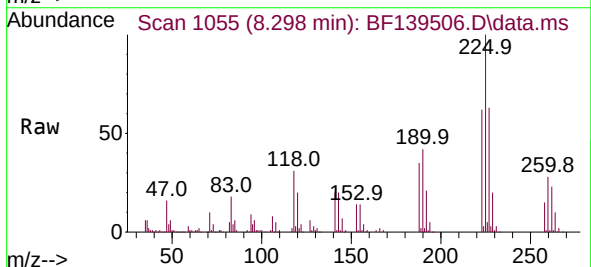
APPROVED

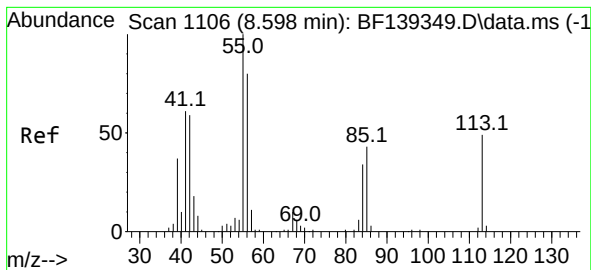
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 32.745 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

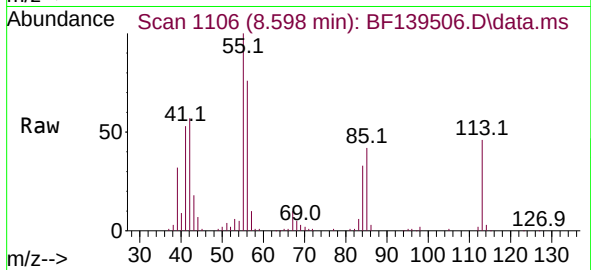
Tgt Ion:225 Resp: 98214
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 62.7 51.0 76.6





#35
Caprolactam
Concen: 38.252 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

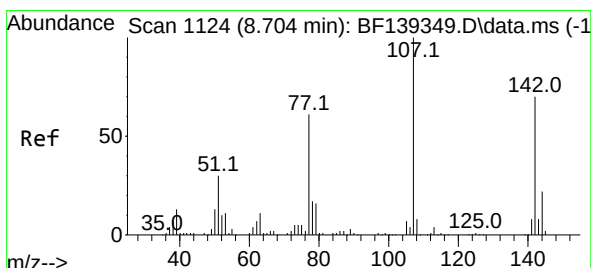
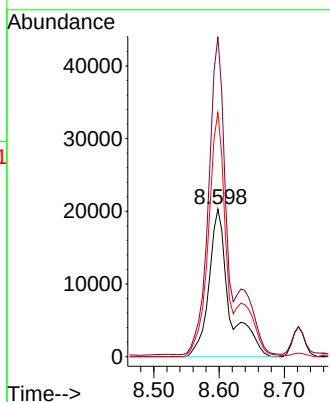
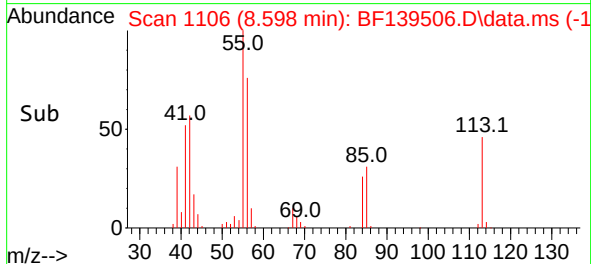
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:113 Resp: 4458
Ion Ratio Lower Upper
113 100
55 216.7 186.1 226.1
56 165.3 144.9 184.9

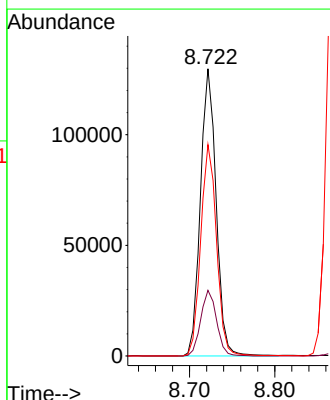
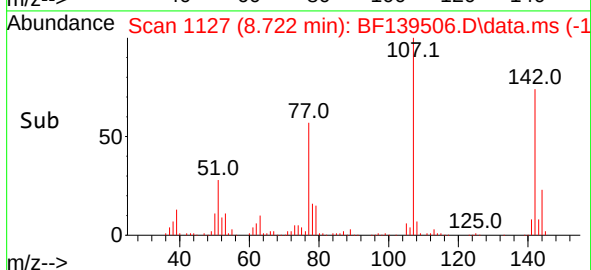
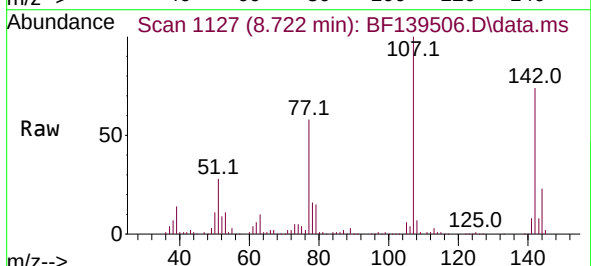
Manual Integrations
APPROVED

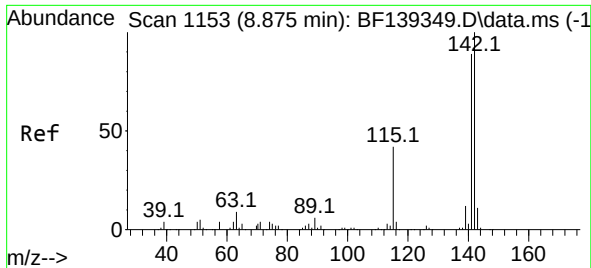
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 38.453 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

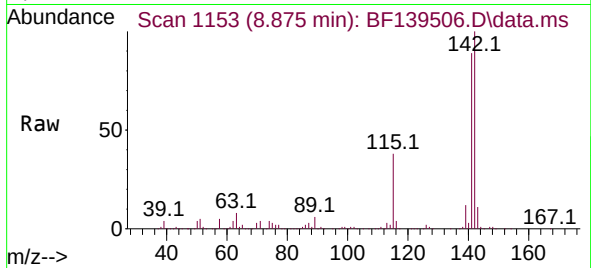
Tgt Ion:107 Resp: 166514
Ion Ratio Lower Upper
107 100
144 22.8 17.5 26.3
142 73.6 55.8 83.8





#37
2-Methylnaphthalene
Concen: 38.410 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

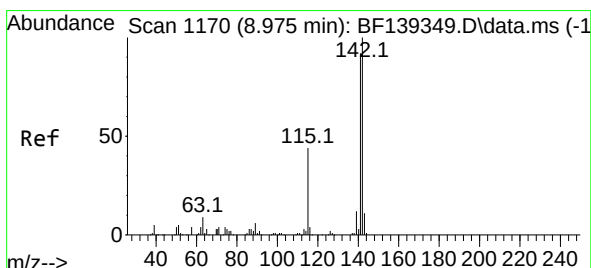
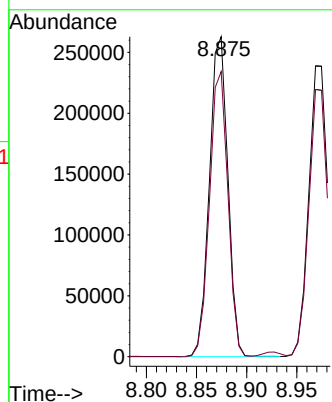
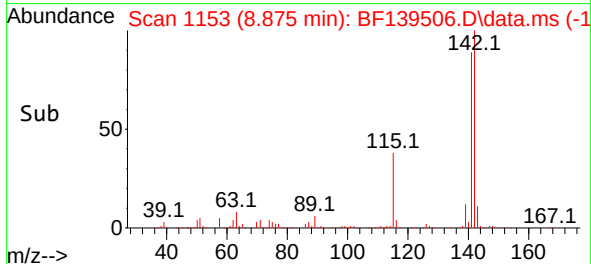
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:142 Resp: 337410
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4

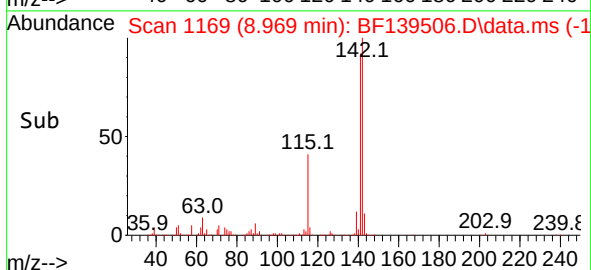
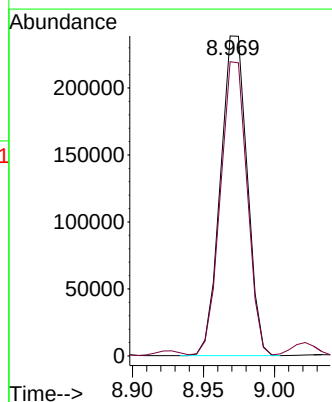
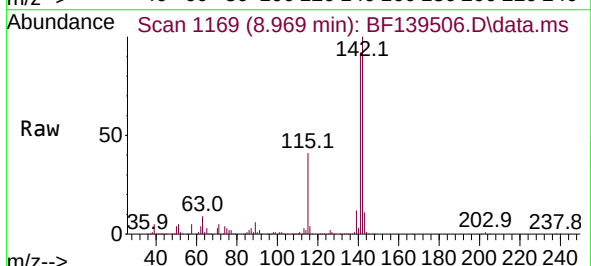
Manual Integrations
APPROVED

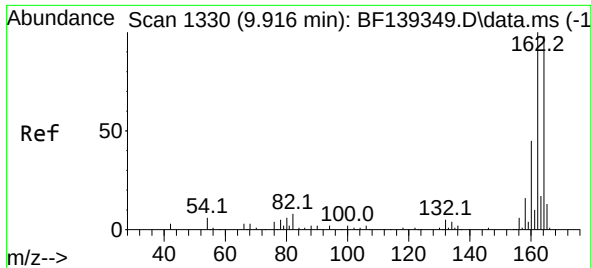
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38
1-Methylnaphthalene
Concen: 36.312 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

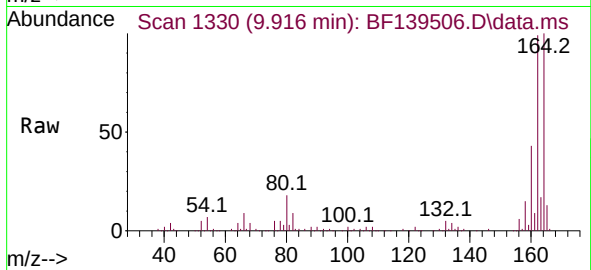
Tgt Ion:142 Resp: 313160
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

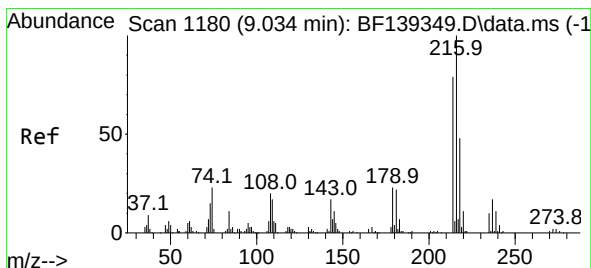
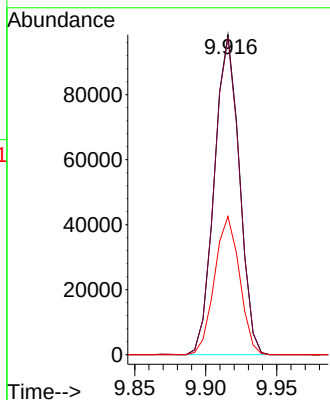
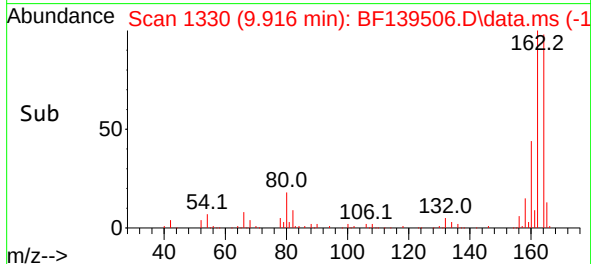
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



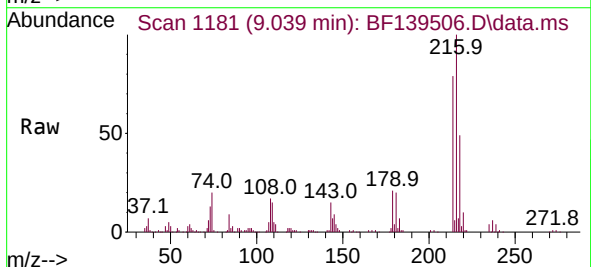
Tgt Ion:164 Resp: 12021
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 43.2 36.4 54.6

Manual Integrations
APPROVED

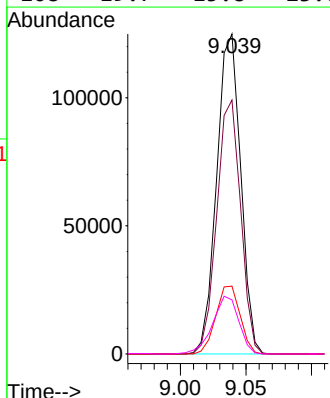
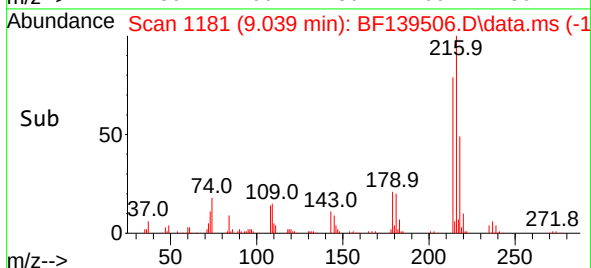
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

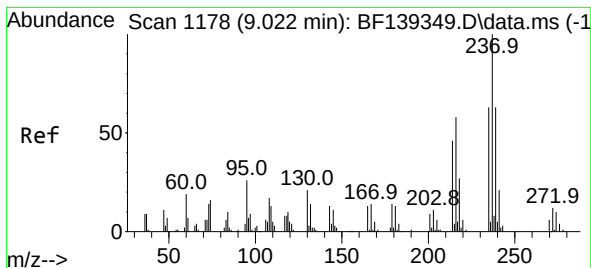


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.626 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:216 Resp: 158988
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 21.5 18.2 27.2
108 19.7 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 79.974 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

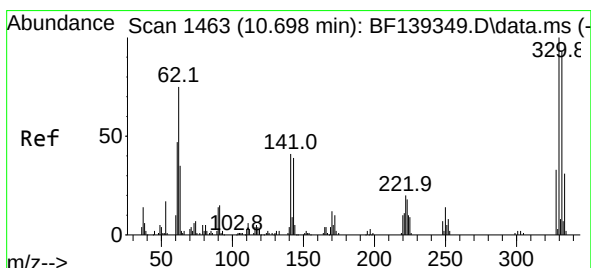
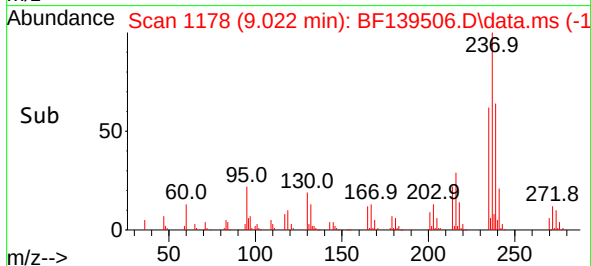
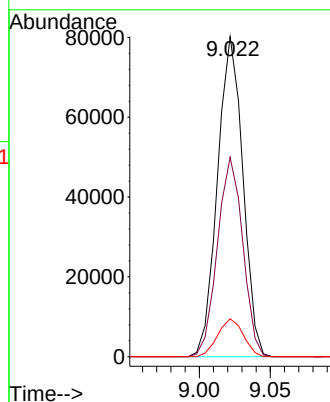
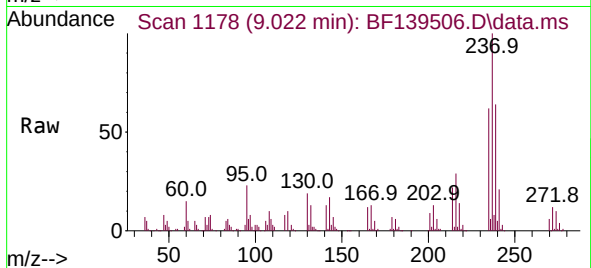
Tgt Ion:	237	Resp:	99484
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.7	82.7
272	11.9	0.0	32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 115.193 ng

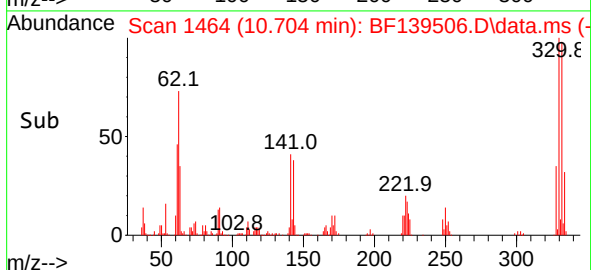
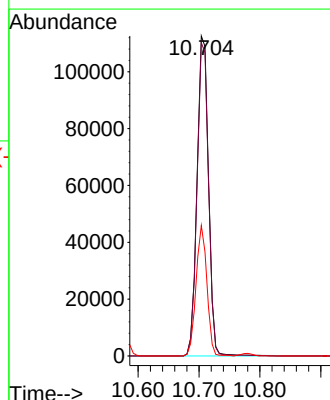
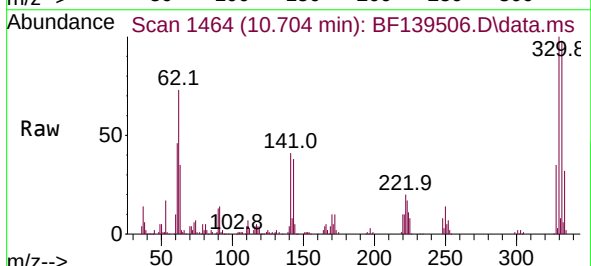
RT: 10.704 min Scan# 1464

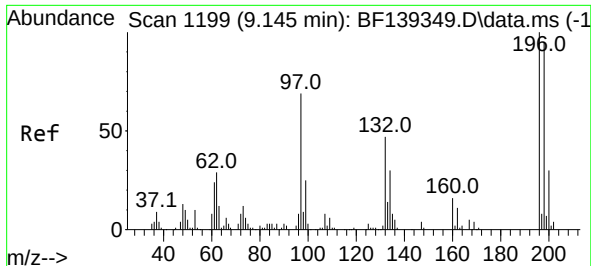
Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

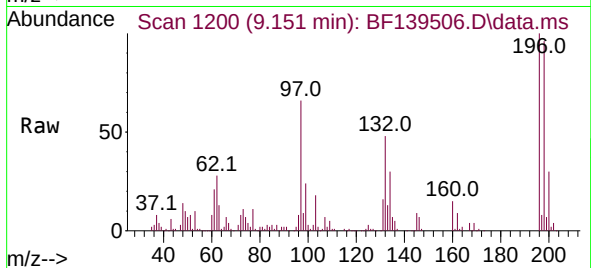
Tgt Ion:	330	Resp:	147424
Ion Ratio	Lower	Upper	
330	100		
332	97.4	75.2	112.8
141	38.6	31.2	46.8





#43
2,4,6-Trichlorophenol
Concen: 46.922 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

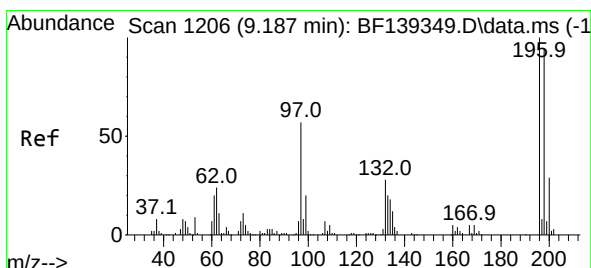
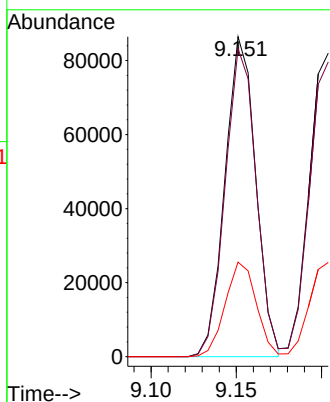
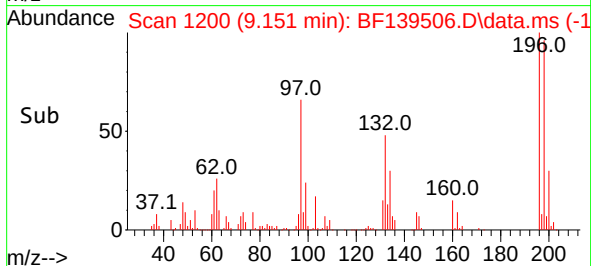
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



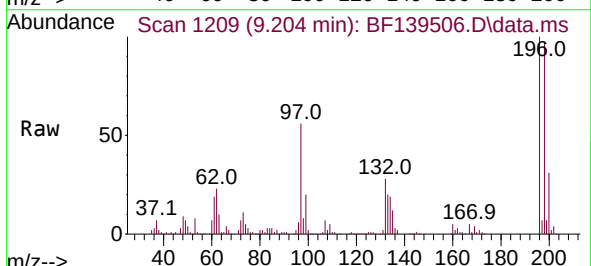
Tgt Ion:196 Resp: 108760
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 29.5 24.1 36.1

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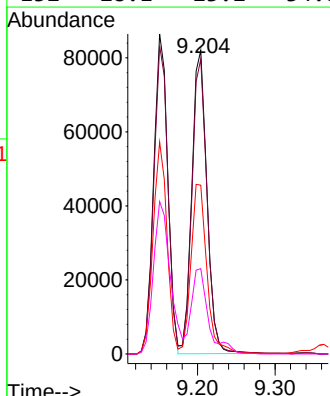
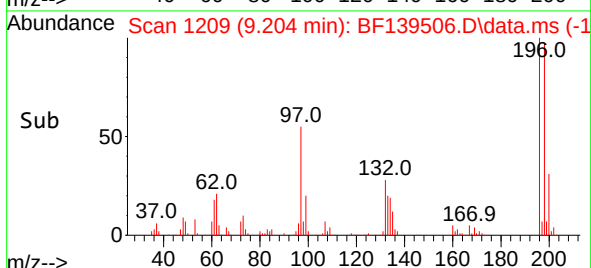
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

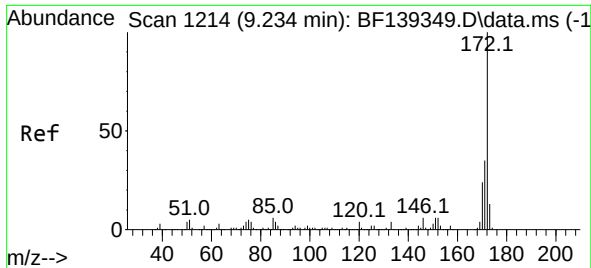


#44
2,4,5-Trichlorophenol
Concen: 45.276 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



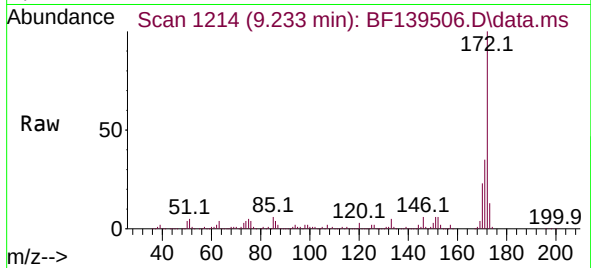
Tgt Ion:196 Resp: 110699
Ion Ratio Lower Upper
196 100
198 97.1 74.8 112.2
97 55.6 47.3 70.9
132 28.1 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 90.380 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

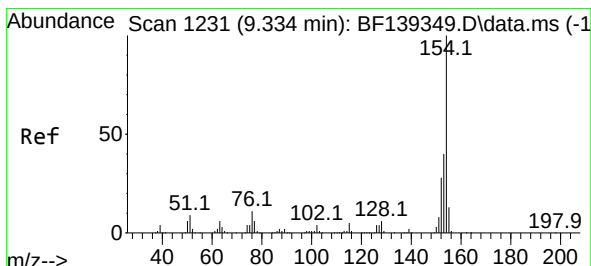
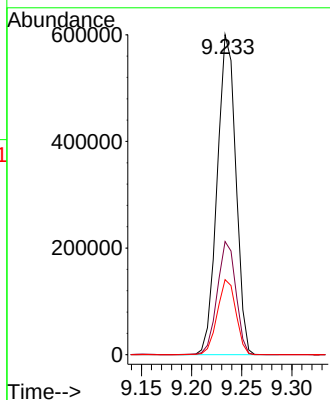
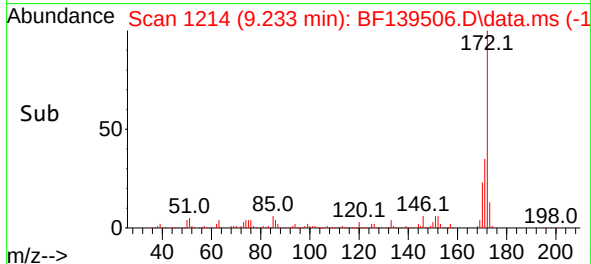
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



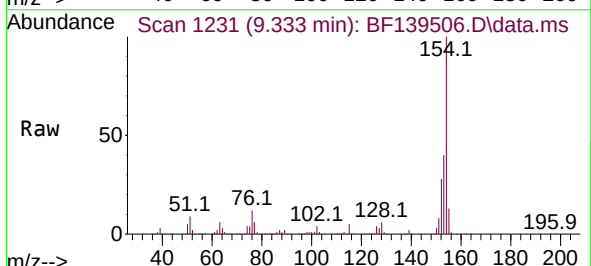
Tgt Ion:172 Resp: 774659
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations
APPROVED

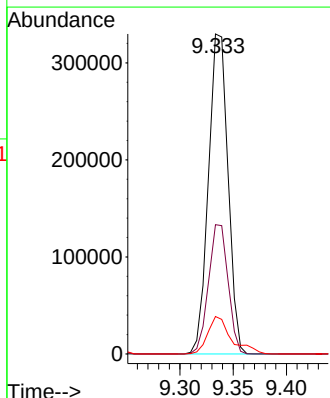
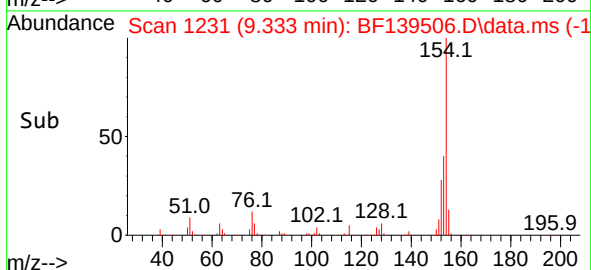
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

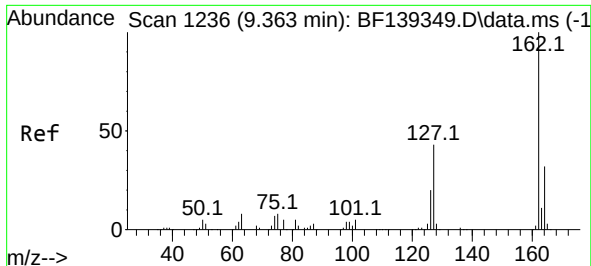


#46
1,1'-Biphenyl
Concen: 45.637 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:154 Resp: 422065
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.727 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:162 Resp: 302369

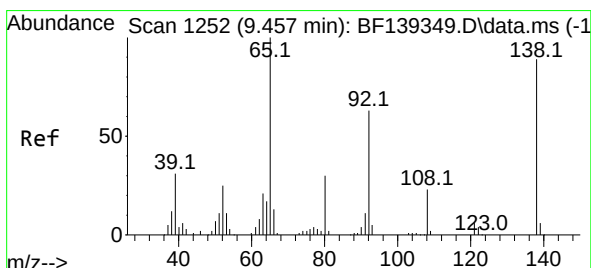
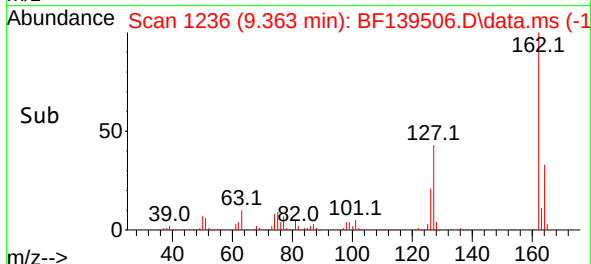
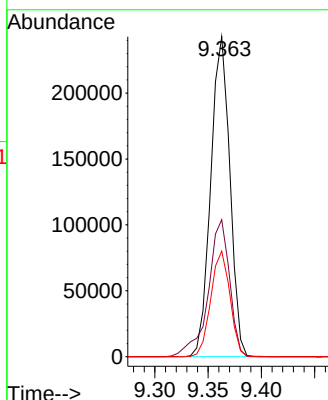
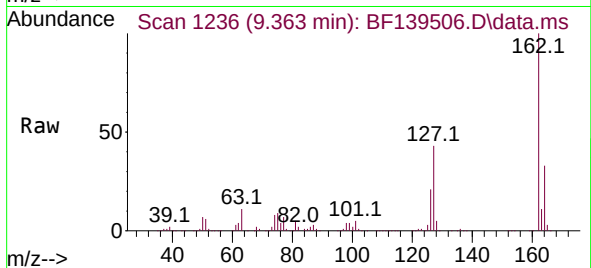
Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.0	52.4
164	33.0	25.8	38.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 46.262 ng

RT: 9.457 min Scan# 1252

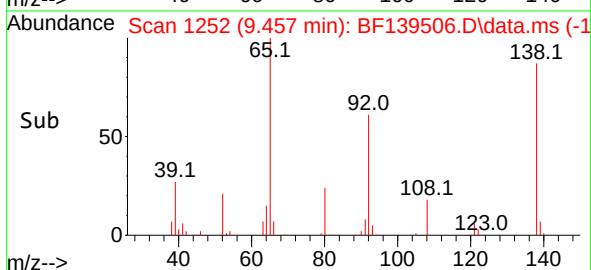
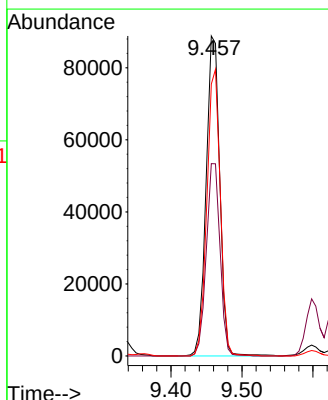
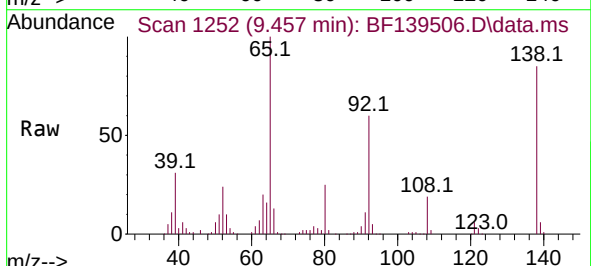
Delta R.T. -0.000 min

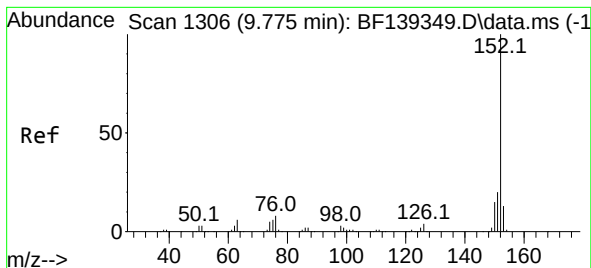
Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion: 65 Resp: 118985

Ion	Ratio	Lower	Upper
65	100		
92	60.1	50.3	75.5
138	84.9	71.3	106.9





#49

Acenaphthylene

Concen: 47.273 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:152 Resp: 492058

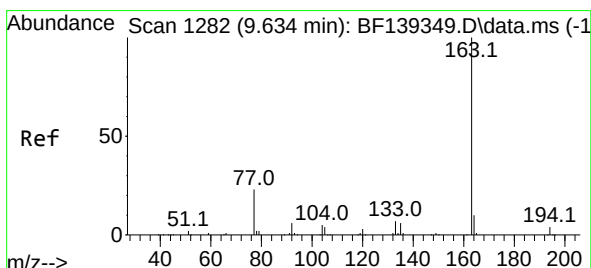
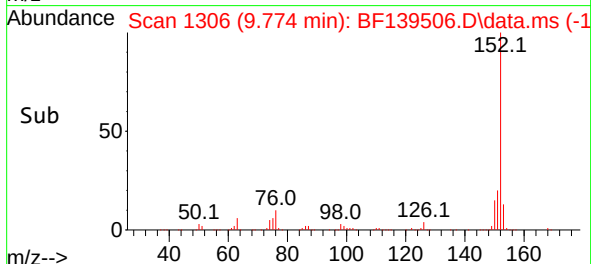
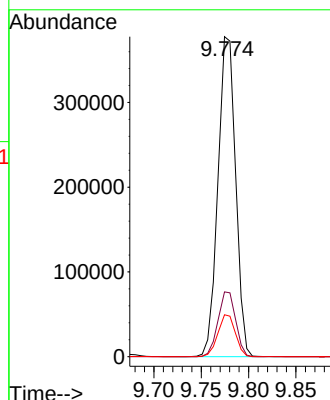
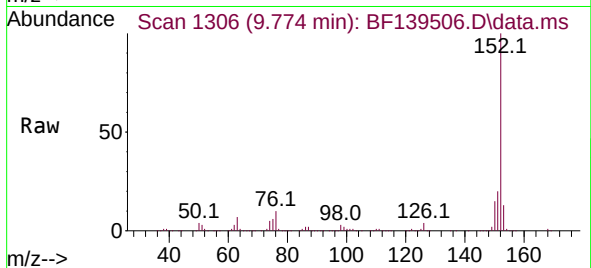
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.3	15.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 49.123 ng

RT: 9.633 min Scan# 1282

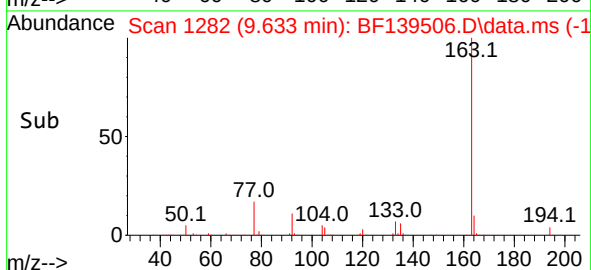
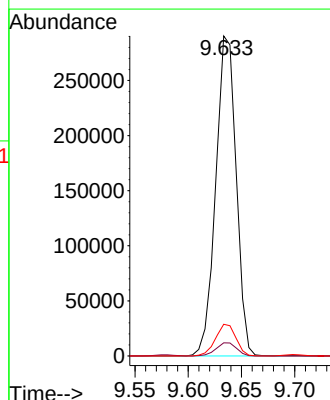
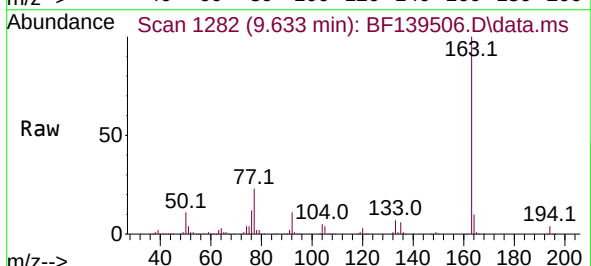
Delta R.T. -0.000 min

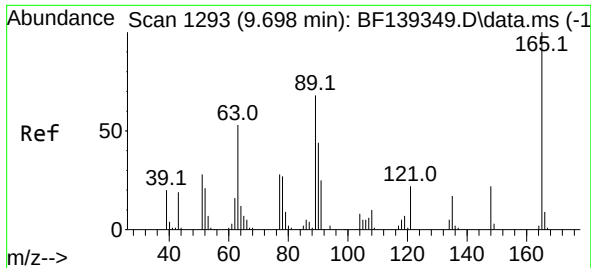
Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:163 Resp: 387582

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.2	12.2





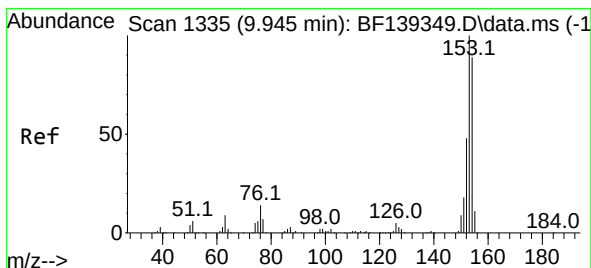
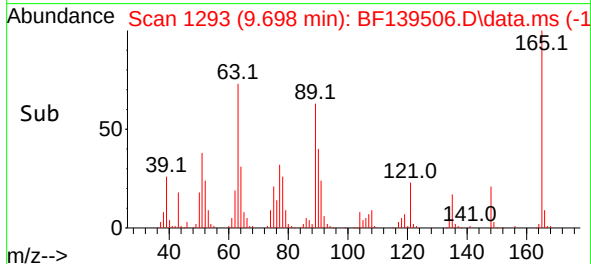
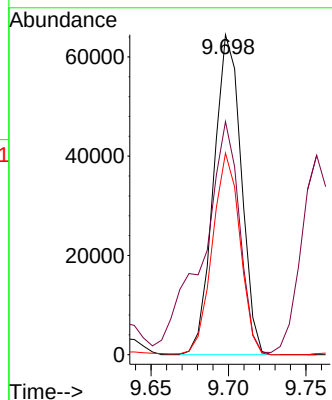
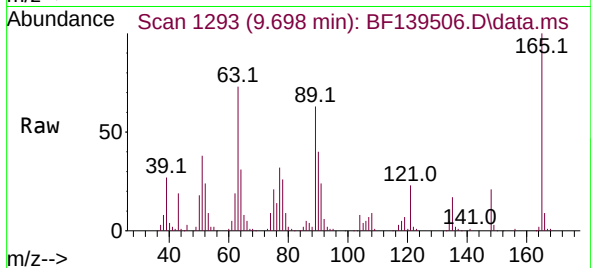
#51
2,6-Dinitrotoluene
Concen: 45.649 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:165 Resp: 79789
Ion Ratio Lower Upper
165 100
63 72.9 60.9 91.3
89 63.0 54.7 82.1

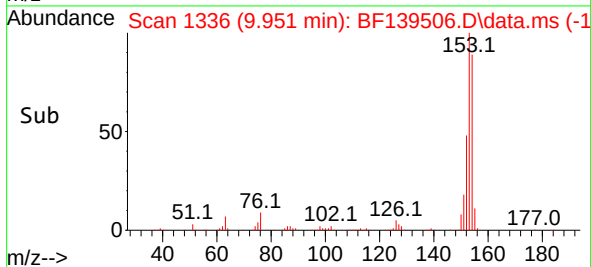
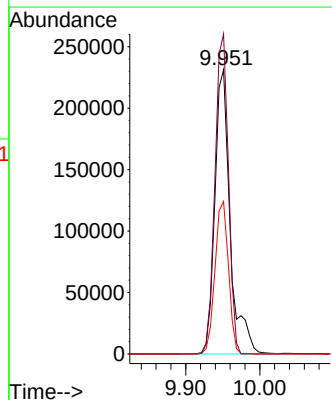
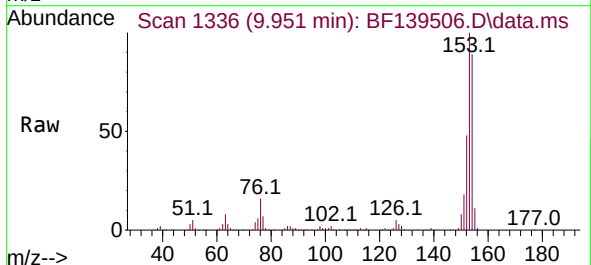
Manual Integrations
APPROVED

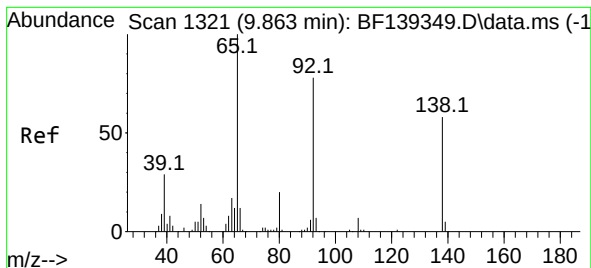
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 45.720 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:154 Resp: 332144
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 22.037 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

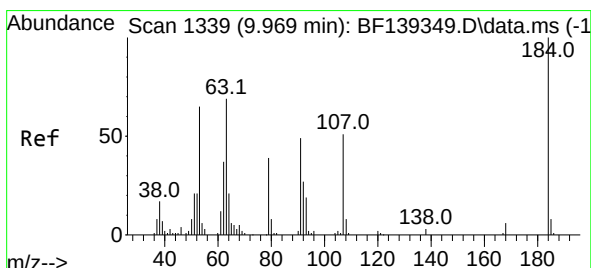
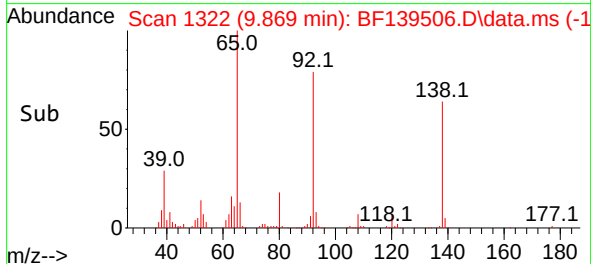
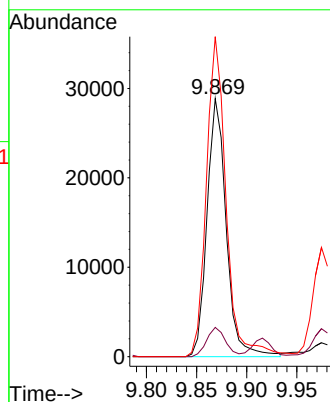
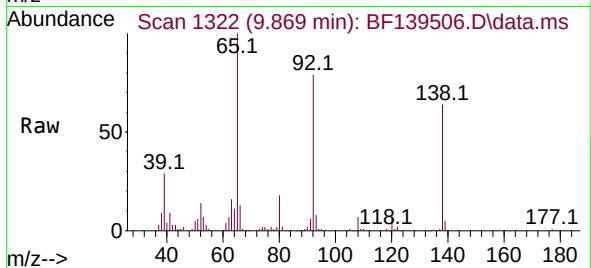
Tgt Ion:138 Resp: 38494
 Ion Ratio Lower Upper
 138 100
 108 11.3 9.8 14.8
 92 124.0 107.4 161.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#54

2,4-Dinitrophenol

Concen: 58.964 ng

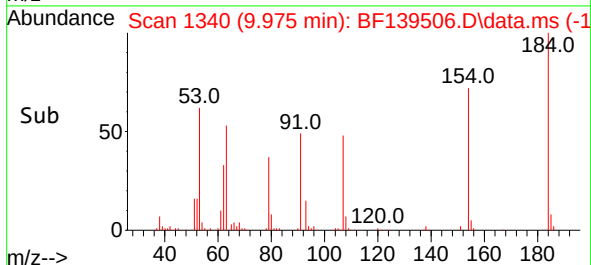
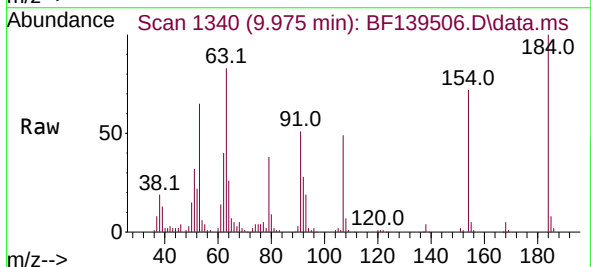
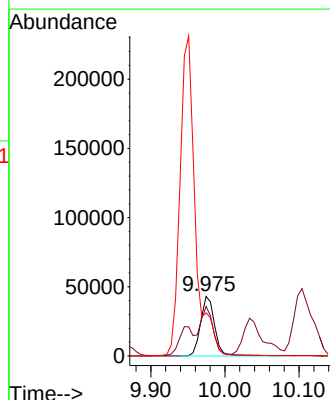
RT: 9.975 min Scan# 1340

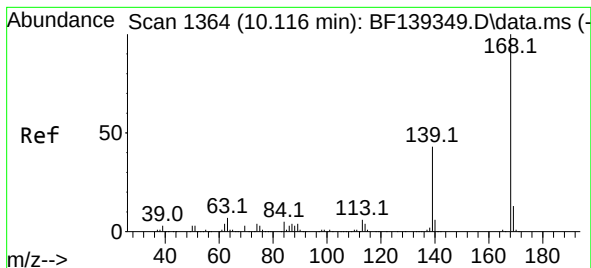
Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:184 Resp: 57429
 Ion Ratio Lower Upper
 184 100
 63 83.1 69.3 103.9
 154 72.4 67.5 101.3





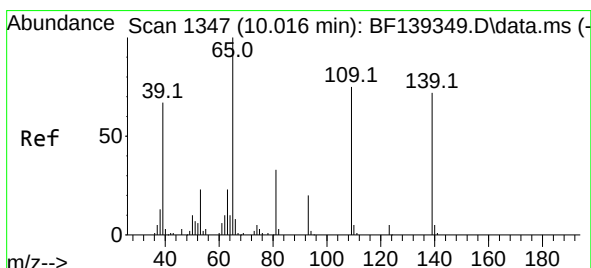
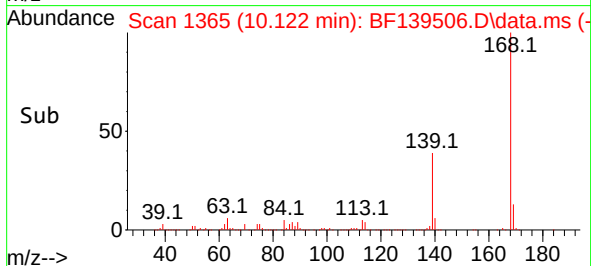
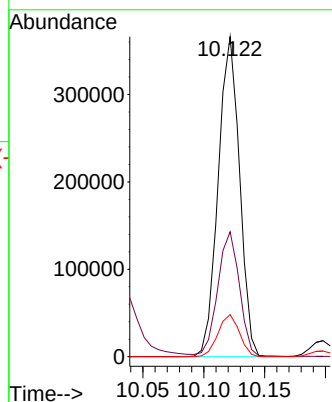
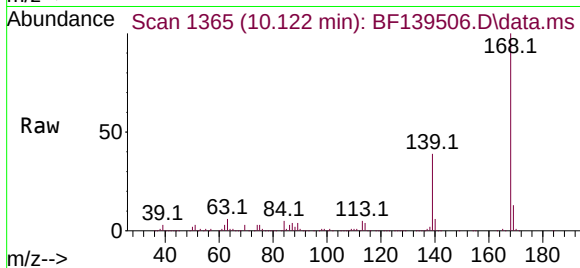
#55
Dibenzenofuran
Concen: 44.192 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:168 Resp: 447474
Ion Ratio Lower Upper
168 100
139 39.0 34.1 51.1
169 13.2 10.5 15.7

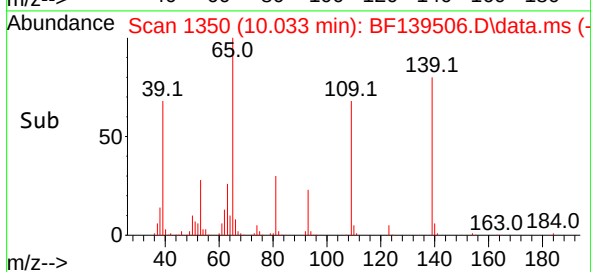
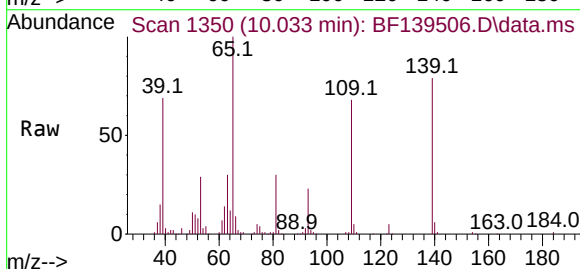
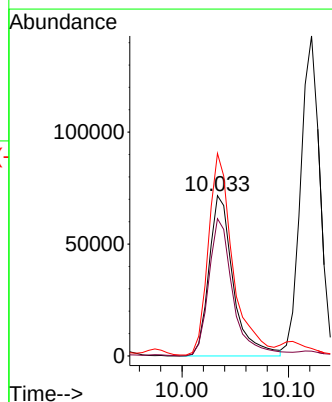
Manual Integrations
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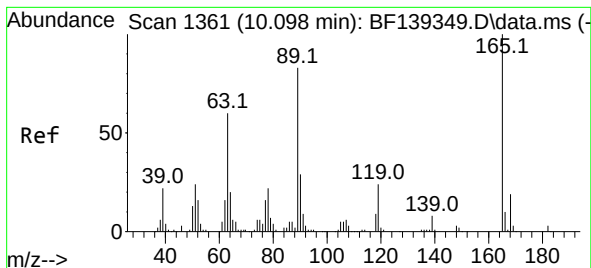
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 78.488 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:139 Resp: 113447
Ion Ratio Lower Upper
139 100
109 85.6 84.1 124.1
65 126.3 120.0 160.0





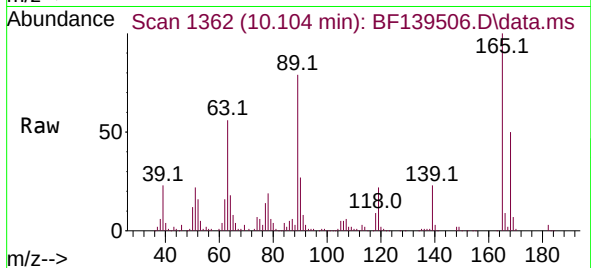
#57
2,4-Dinitrotoluene
Concen: 45.390 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

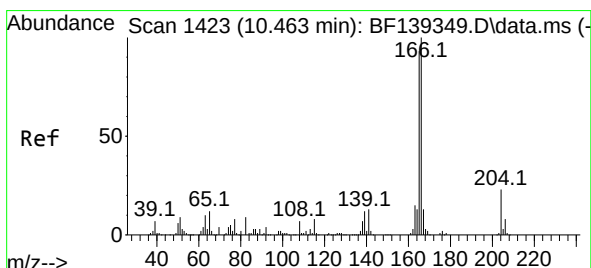
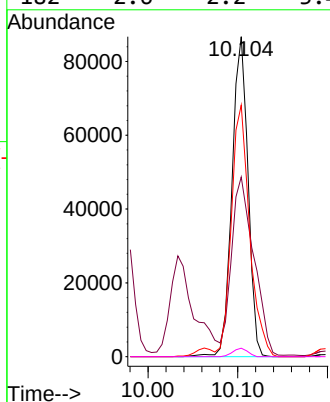
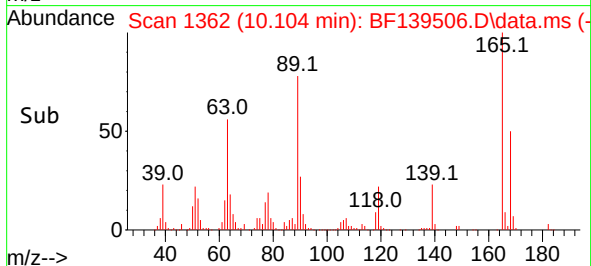


Tgt Ion:165 Resp: 10711
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.6
89 78.6 66.7 100.1
182 2.6 2.2 3.4

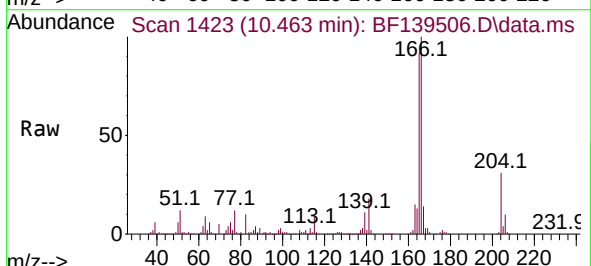
Manual Integrations

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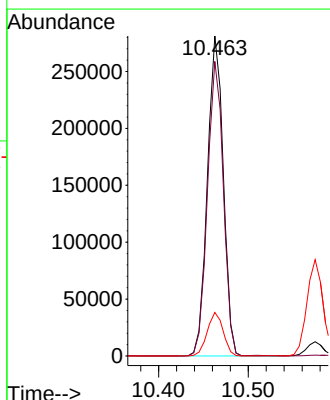
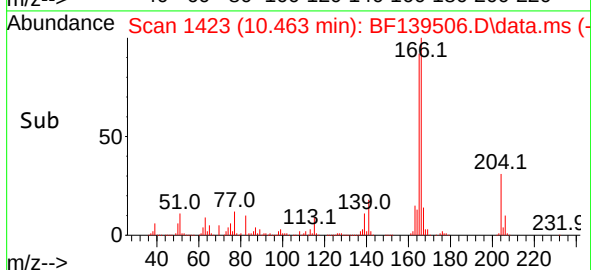
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

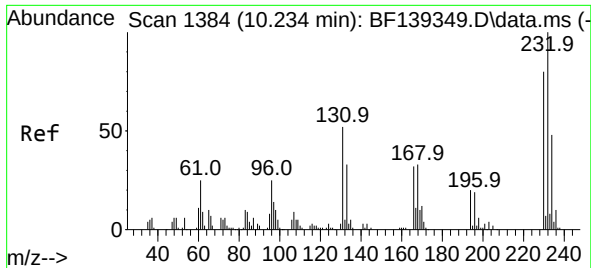


#58
Fluorene
Concen: 41.862 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



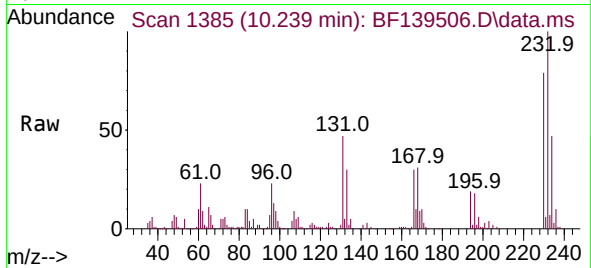
Tgt Ion:166 Resp: 345845
Ion Ratio Lower Upper
166 100
165 92.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.122 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

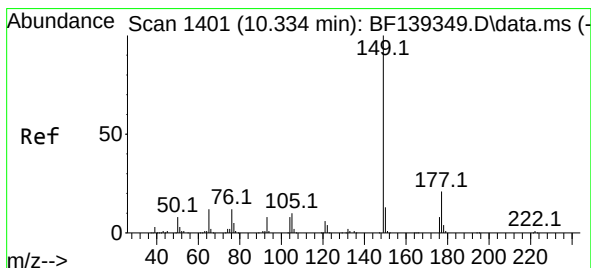
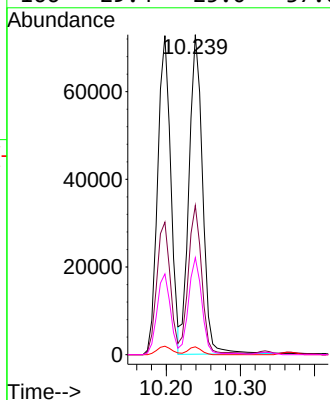
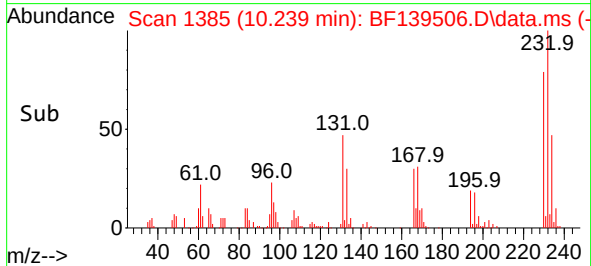
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



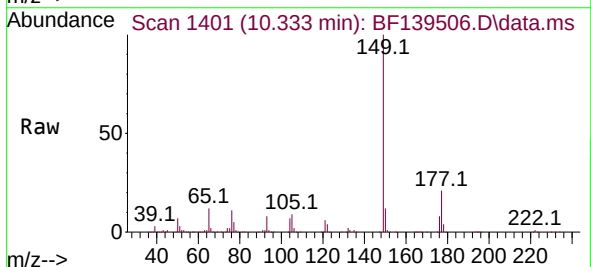
Tgt Ion:232 Resp: 9328
Ion Ratio Lower Upper
232 100
131 45.1 40.7 61.1
130 2.3 2.2 3.2
166 29.4 25.0 37.6

Manual Integrations
APPROVED

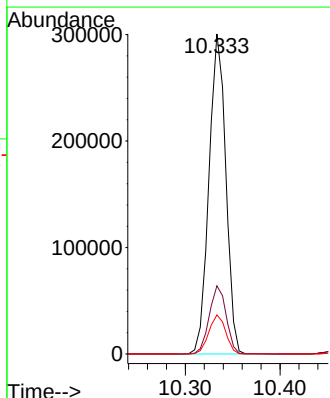
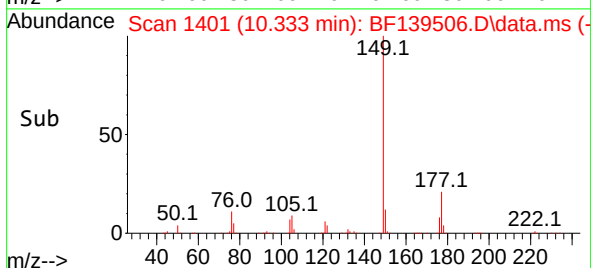
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

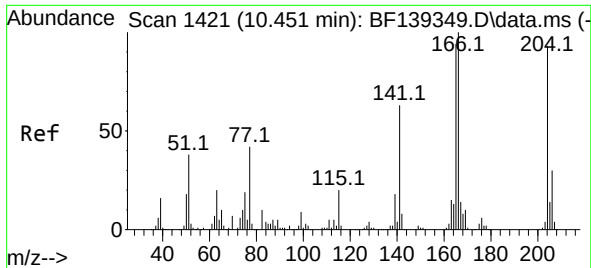


#60
Diethylphthalate
Concen: 45.648 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



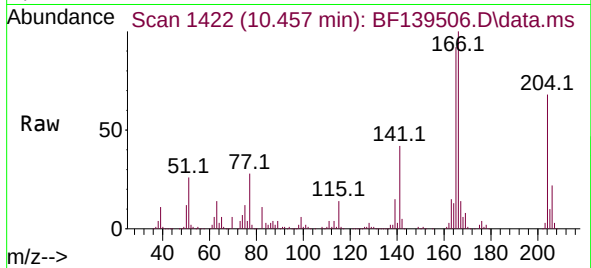
Tgt Ion:149 Resp: 371672
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.2 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.253 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

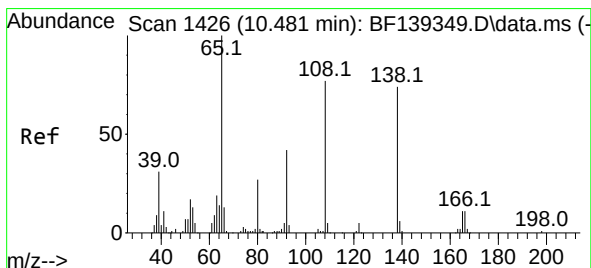
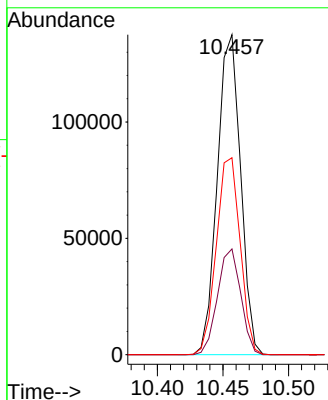
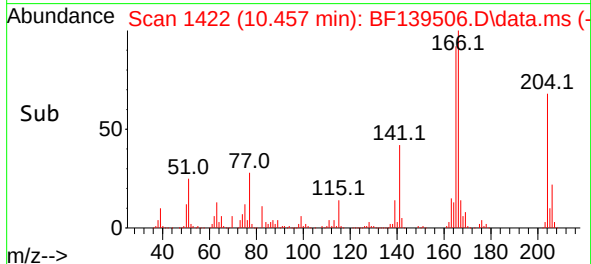
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:204 Resp: 169648
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 61.5 53.9 80.9

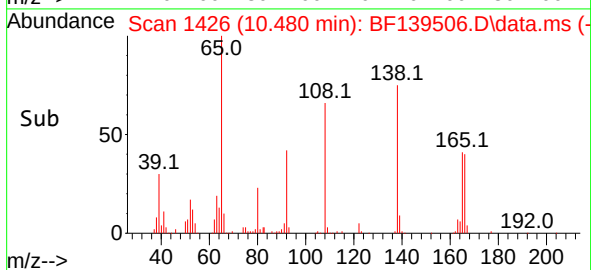
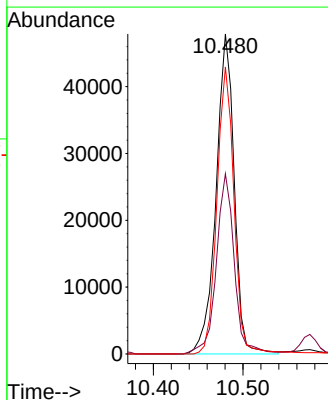
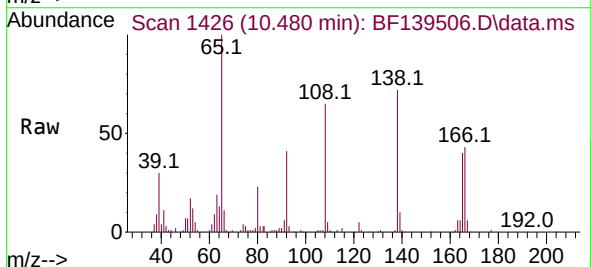
Manual Integrations
APPROVED

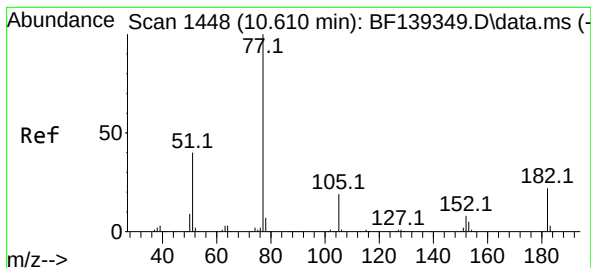
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 35.401 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:138 Resp: 67491
Ion Ratio Lower Upper
138 100
92 56.3 37.0 77.0
108 89.7 84.4 124.4





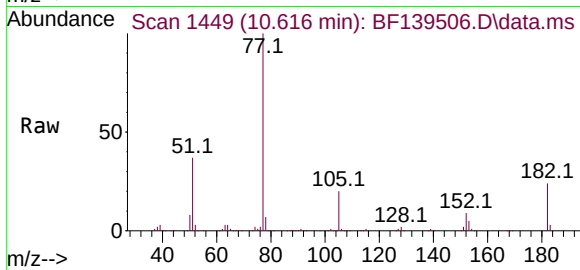
#63
Azobenzene
Concen: 42.873 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

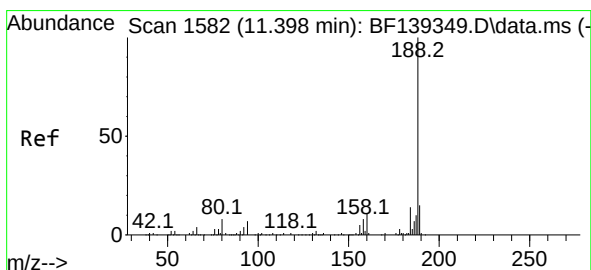
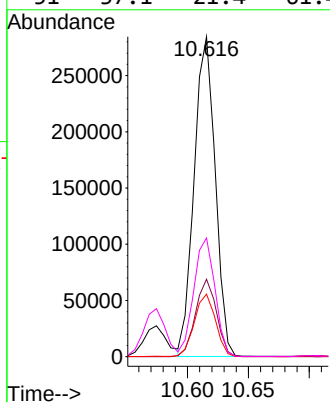
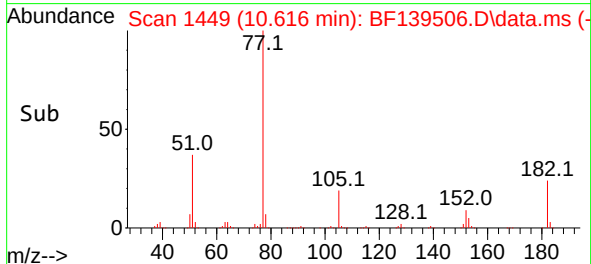


Tgt Ion: 77 Resp: 34334
Ion Ratio Lower Upper
77 100
182 24.2 1.8 41.8
105 19.5 0.0 38.6
51 37.1 21.4 61.4

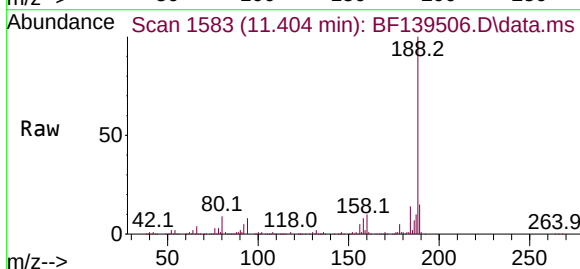
Manual Integrations

APPROVED

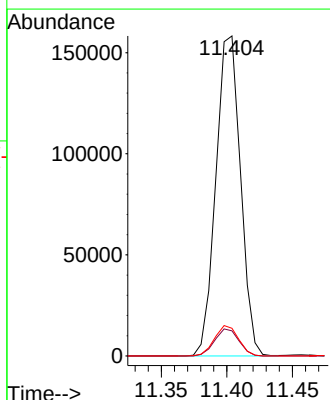
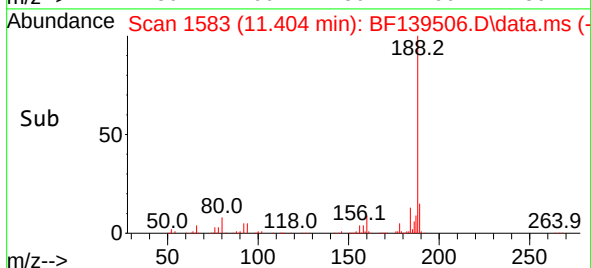
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

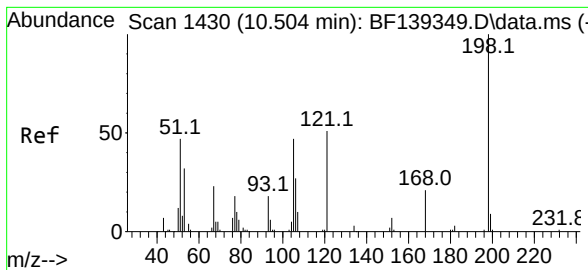


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:188 Resp: 206785
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 8.7 6.6 9.8





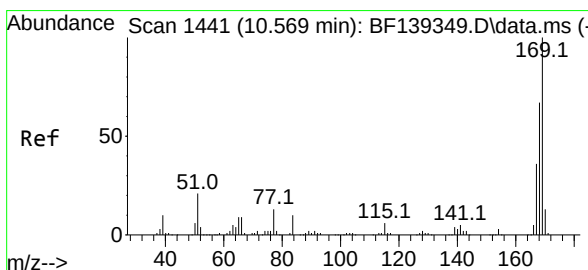
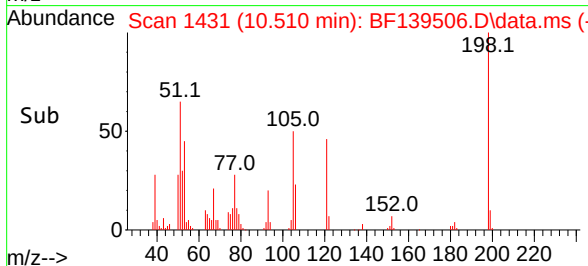
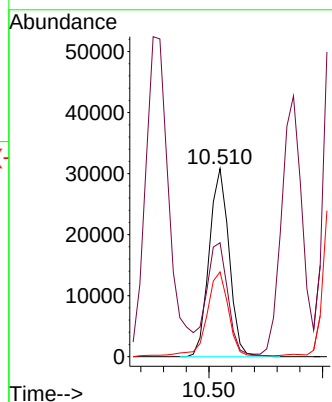
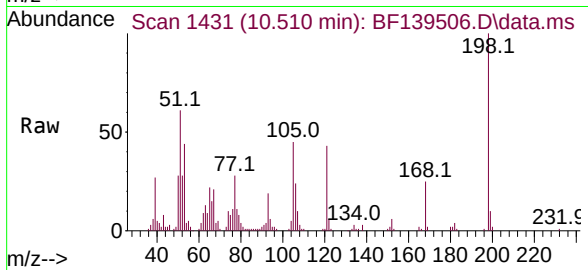
#65
4,6-Dinitro-2-methylphenol
Concen: 34.292 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :
BNA_F
ClientSampleId :
WC-22AMS

Tgt Ion:198 Resp: 37420
Ion Ratio Lower Upper
198 100
51 60.6 50.4 90.4
105 45.1 28.3 68.3

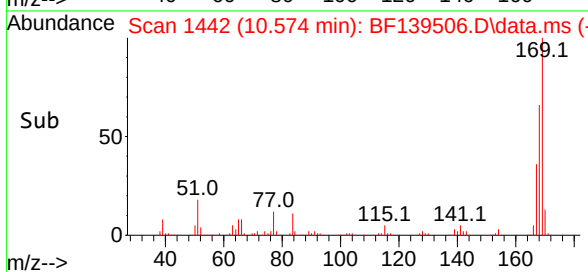
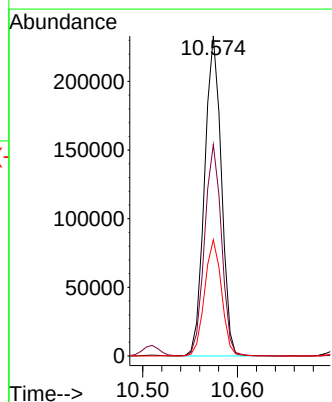
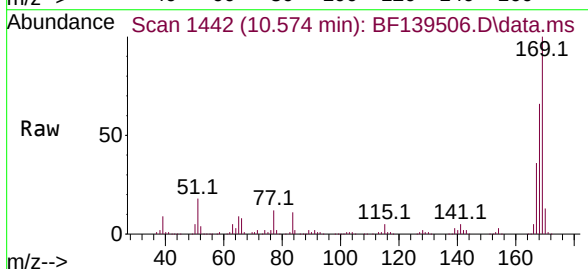
Manual Integrations
APPROVED

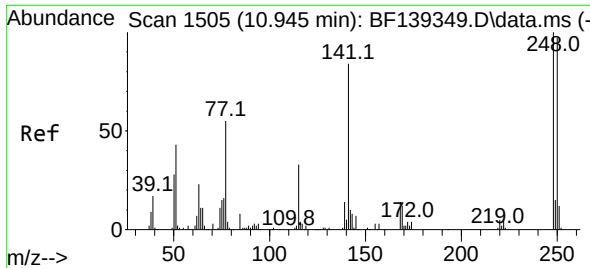
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 47.208 ng
RT: 10.574 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

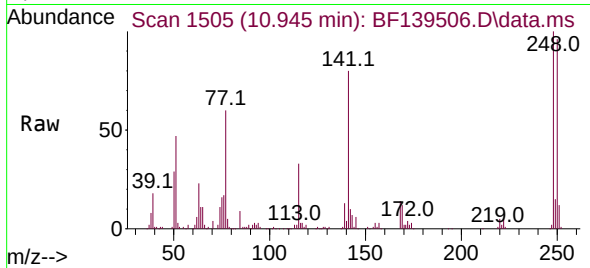
Tgt Ion:169 Resp: 285403
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.996 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

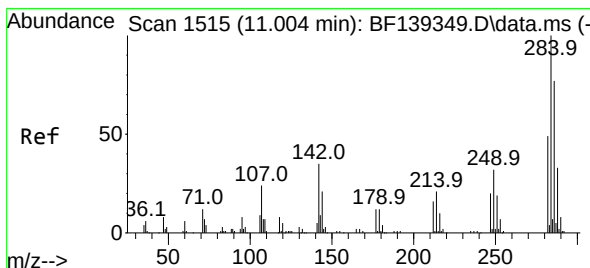
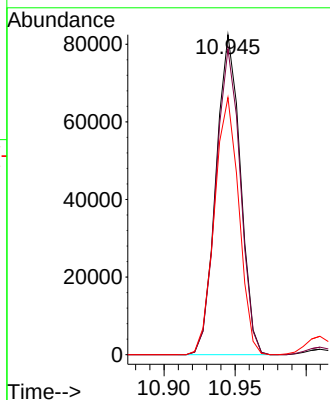
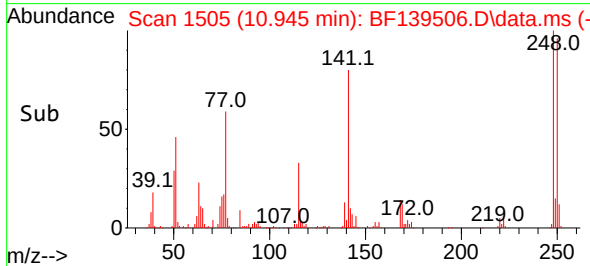
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



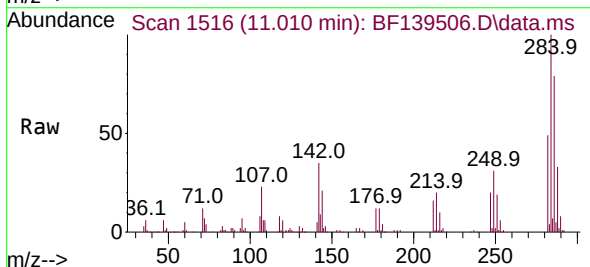
Tgt Ion:248 Resp: 9835
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 80.4 66.9 100.3

Manual Integrations
APPROVED

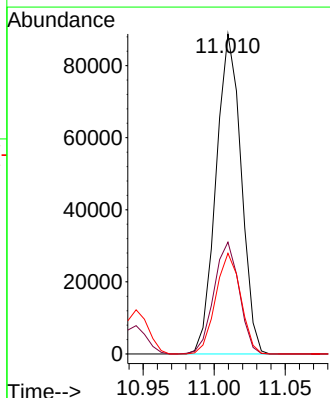
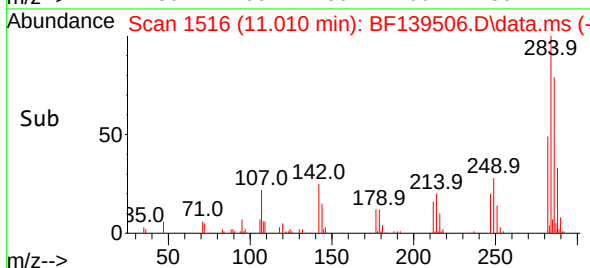
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

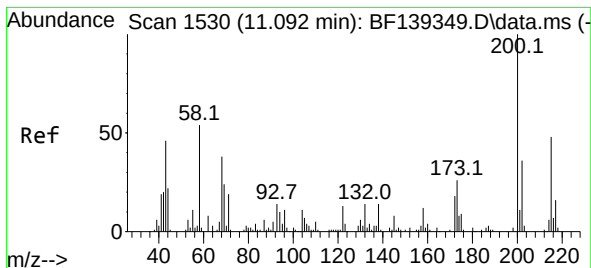


#68
Hexachlorobenzene
Concen: 45.379 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:284 Resp: 109136
Ion Ratio Lower Upper
284 100
142 34.9 28.0 42.0
249 31.5 25.3 37.9





#69

Atrazine

Concen: 46.294 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

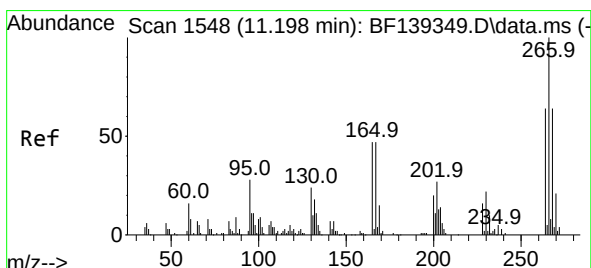
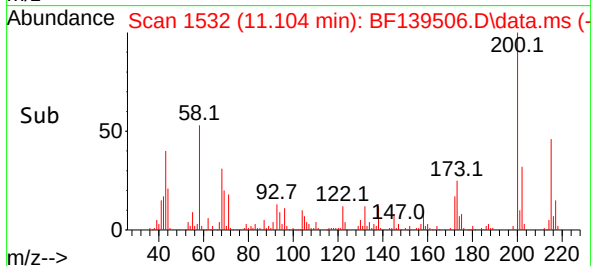
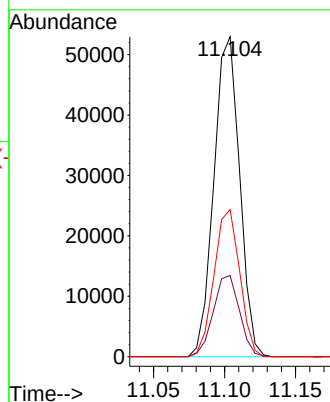
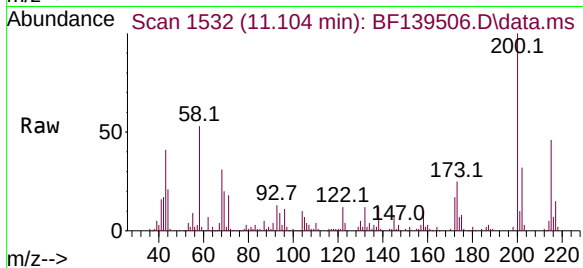
Tgt Ion:200	Resp:	66630
Ion Ratio	Lower	Upper
200	100	
173	25.4	6.1 46.1
215	46.0	28.2 68.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 98.860 ng

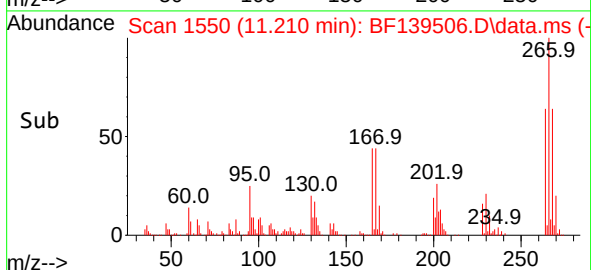
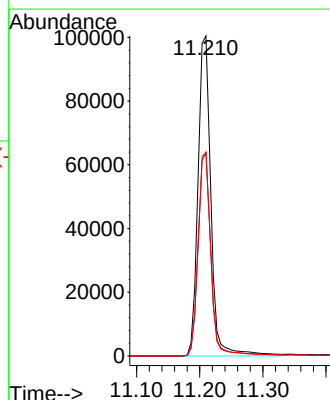
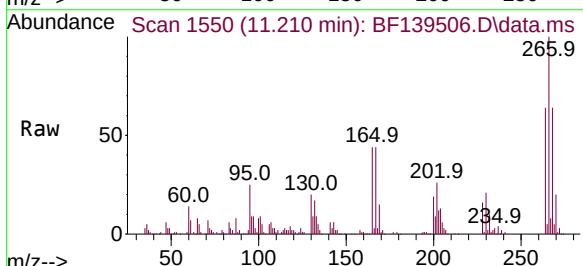
RT: 11.210 min Scan# 1550

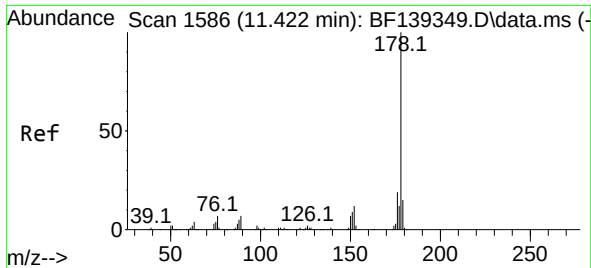
Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

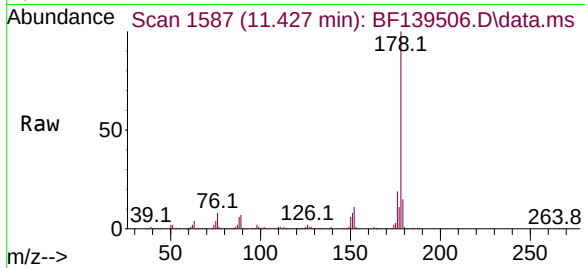
Tgt Ion:266	Resp:	142663
Ion Ratio	Lower	Upper
266	100	
268	63.6	51.1 76.7
264	63.6	51.4 77.0





#71
Phenanthrene
Concen: 48.277 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

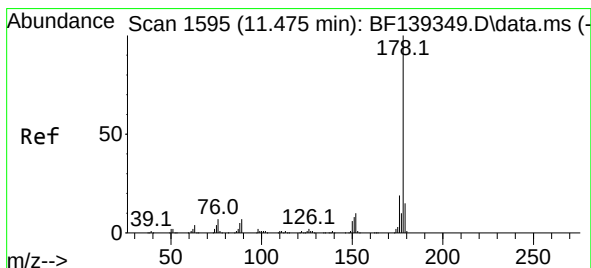
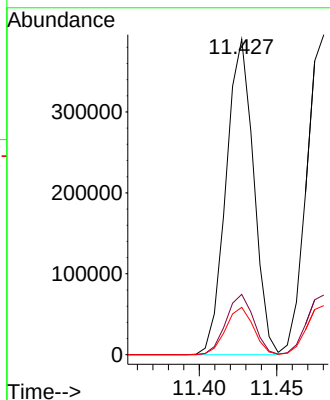
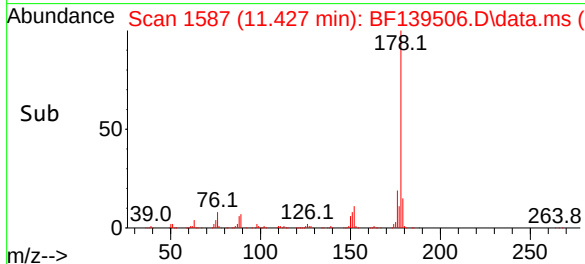
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



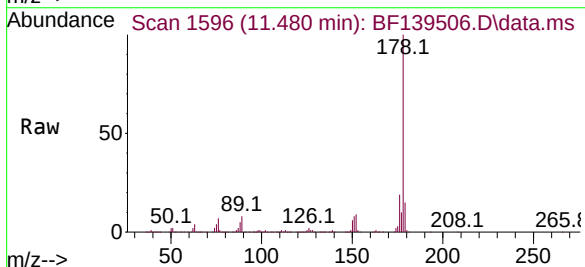
Tgt Ion:178 Resp: 481633
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.0 12.2 18.4

Manual Integrations
APPROVED

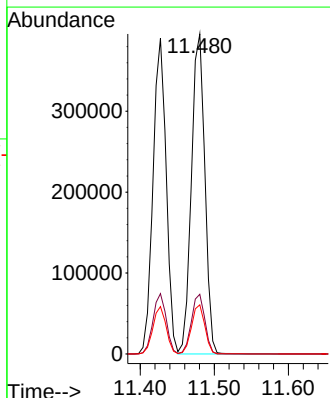
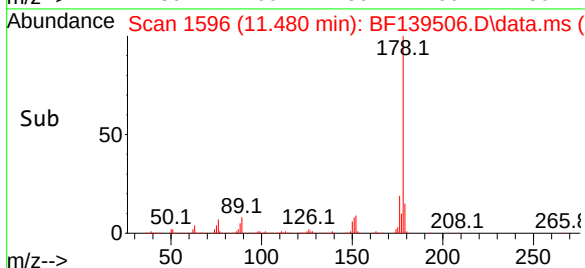
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

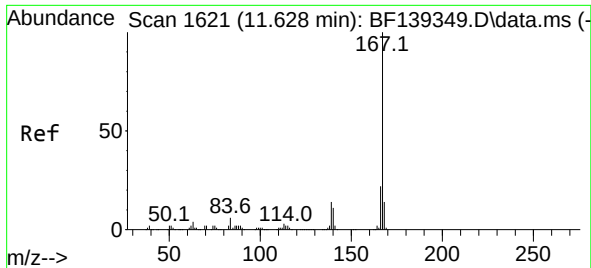


#72
Anthracene
Concen: 50.906 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



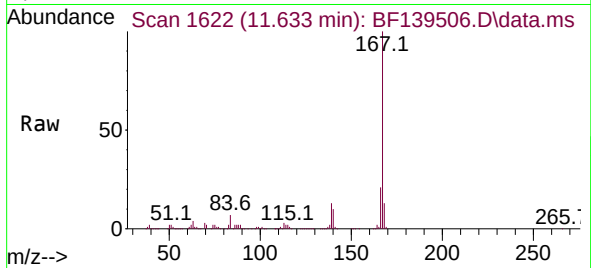
Tgt Ion:178 Resp: 496555
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.0 18.0





#73
Carbazole
Concen: 48.996 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

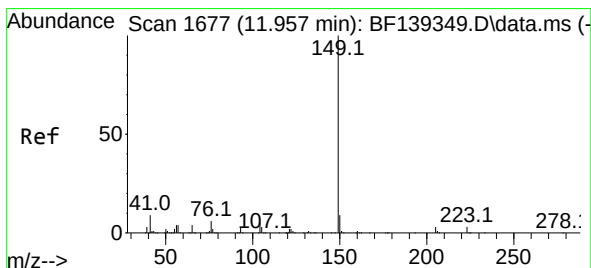
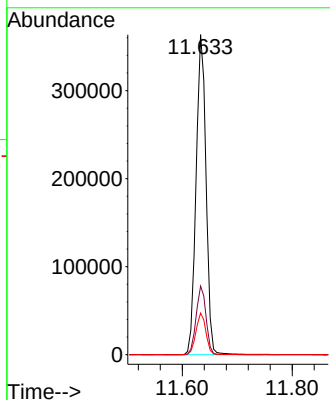
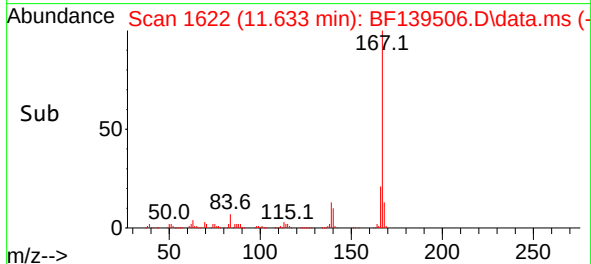
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



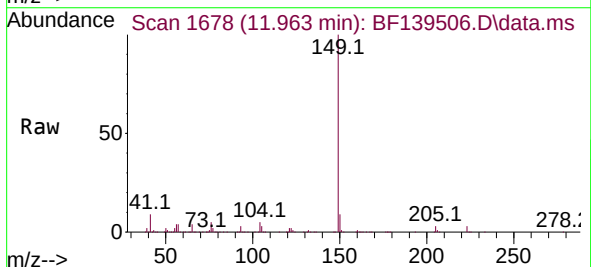
Tgt Ion:167 Resp: 457414
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.0 10.9 16.3

Manual Integrations
APPROVED

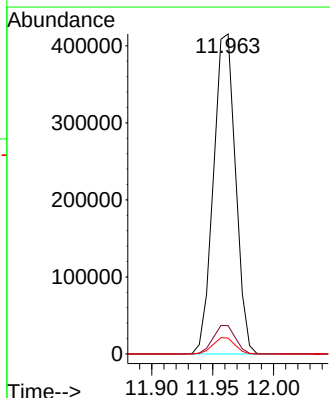
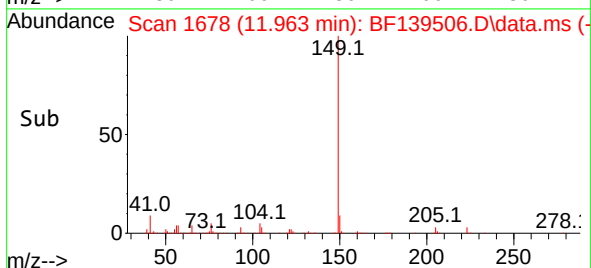
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

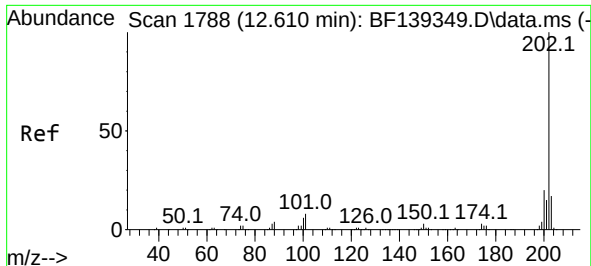


#74
Di-n-butylphthalate
Concen: 50.453 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



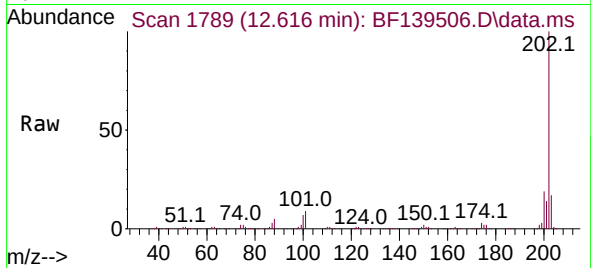
Tgt Ion:149 Resp: 524700
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 48.916 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

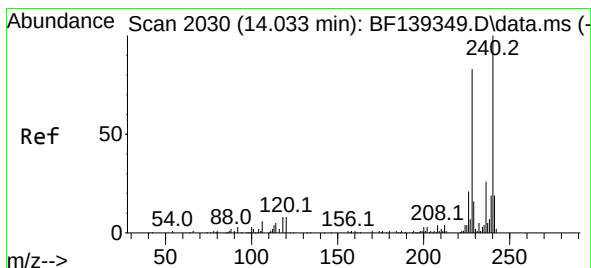
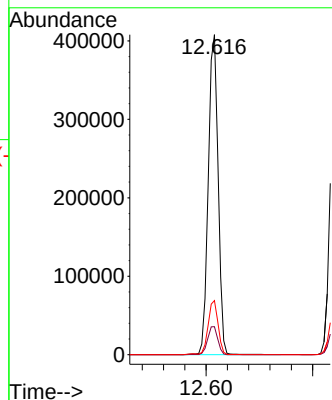
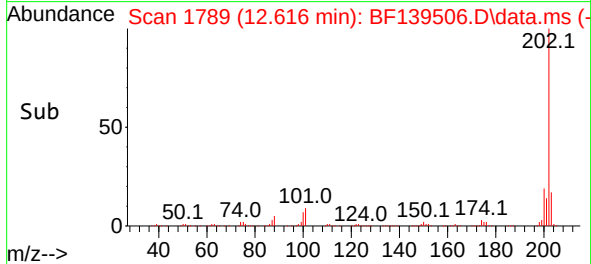
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:202 Resp: 52115
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 16.9 0.0 37.4

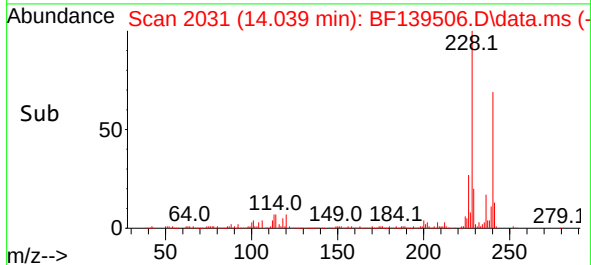
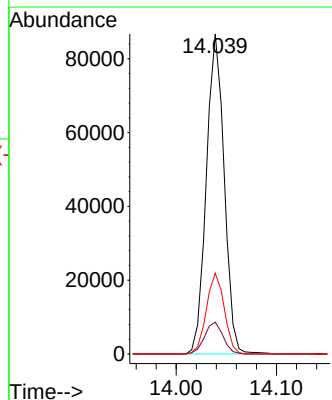
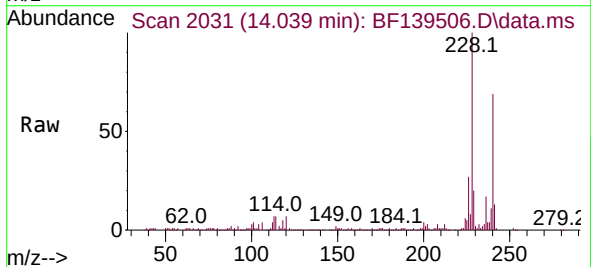
Manual Integrations
APPROVED

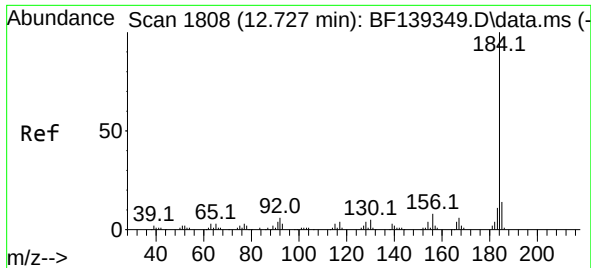
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

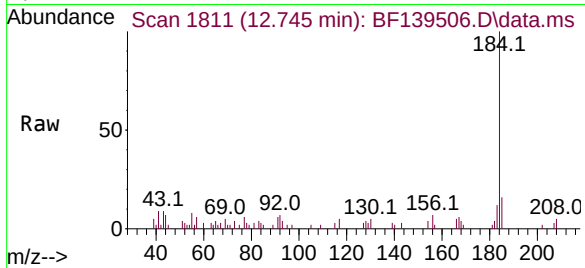
Tgt Ion:240 Resp: 107208
Ion Ratio Lower Upper
240 100
120 9.9 6.2 9.2#
236 25.3 20.9 31.3





#77
Benzidine
Concen: 19.063 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.017 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

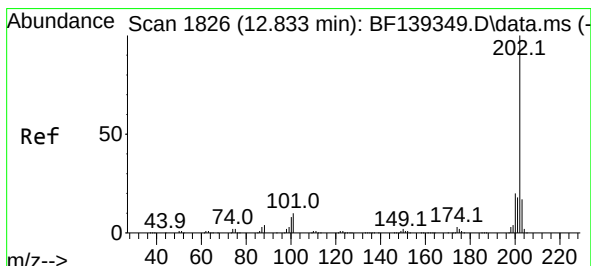
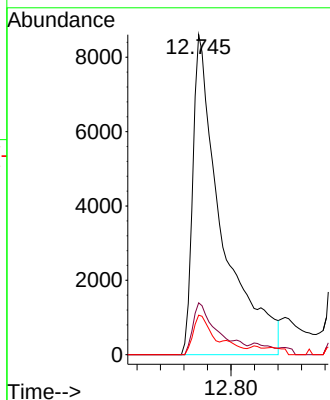
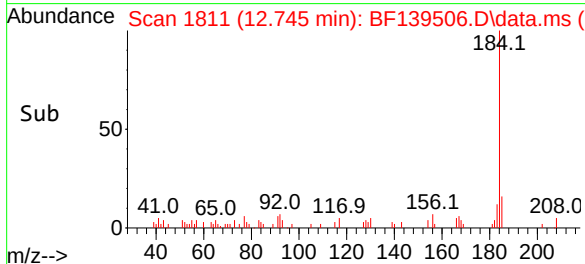
Instrument :
BNA_F
ClientSampleId :
WC-22AMS



Tgt Ion:184 Resp: 29280
Ion Ratio Lower Upper
184 100
185 16.2 11.5 17.3
183 12.3 8.9 13.3

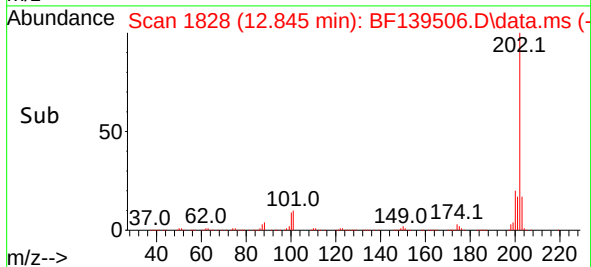
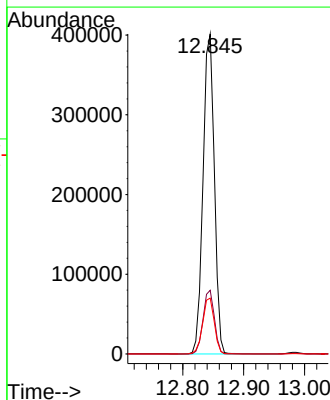
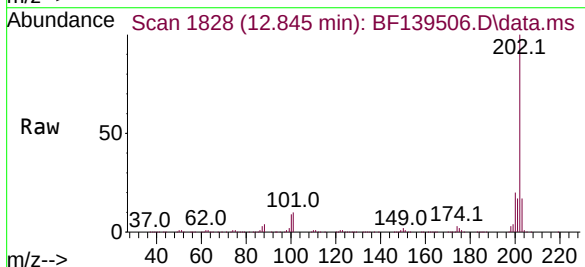
Manual Integrations
APPROVED

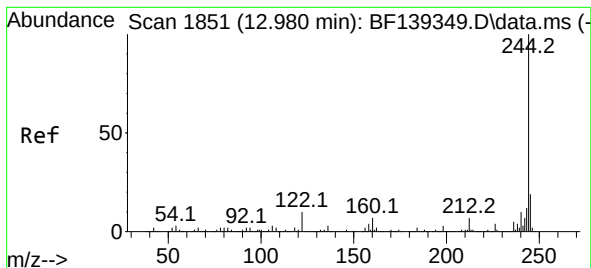
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#78
Pyrene
Concen: 56.518 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Tgt Ion:202 Resp: 520261
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 110.523 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:244 Resp: 72188

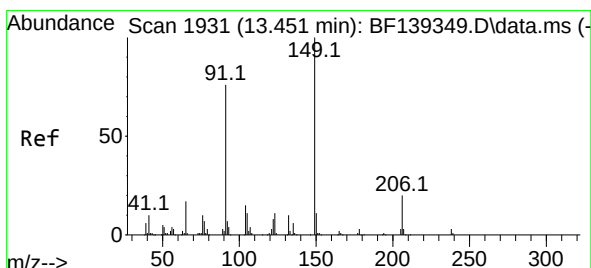
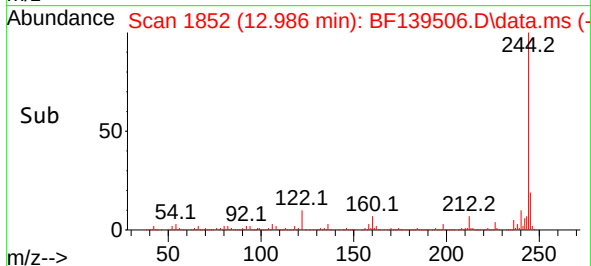
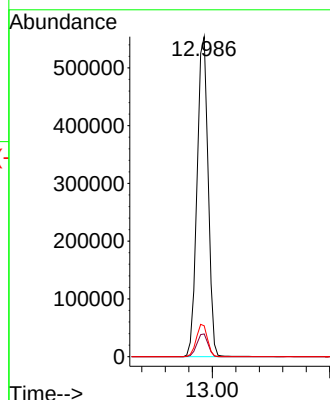
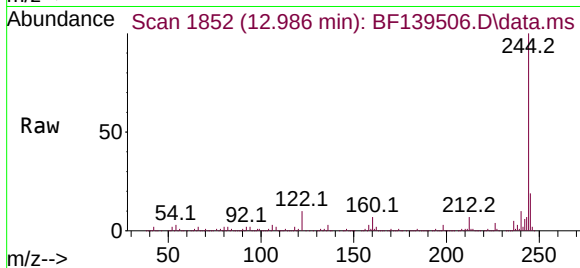
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.6	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 62.053 ng

RT: 13.457 min Scan# 1932

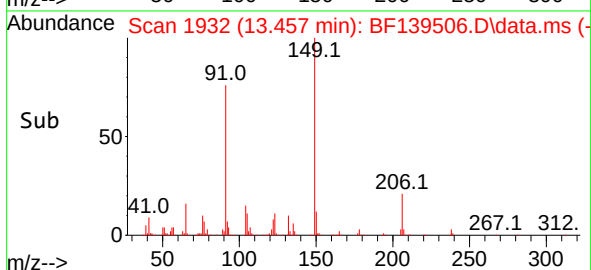
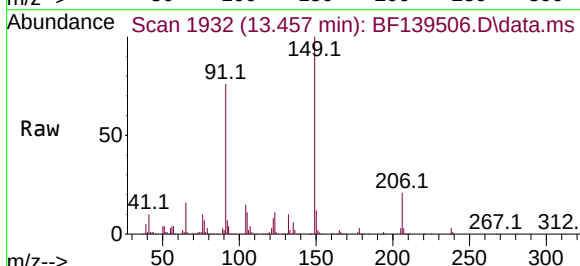
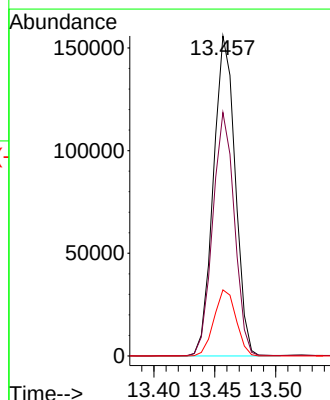
Delta R.T. 0.006 min

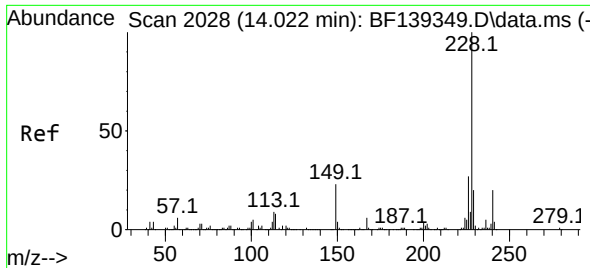
Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:149 Resp: 194429

Ion	Ratio	Lower	Upper
149	100		
91	76.1	60.9	91.3
206	20.6	15.8	23.8





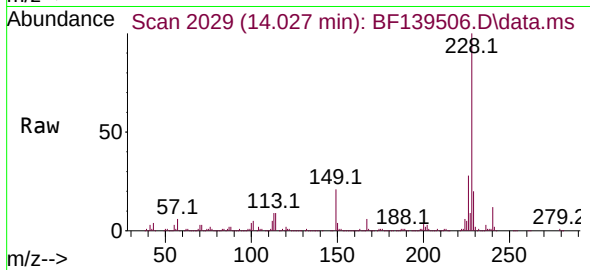
#81
Benzo(a)anthracene
Concen: 48.617 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS



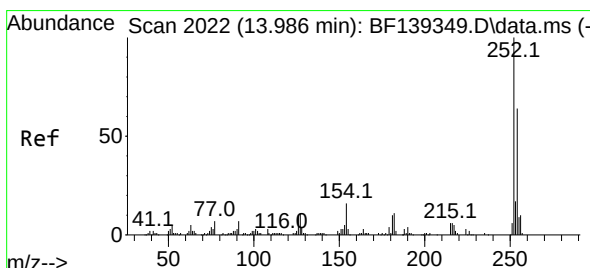
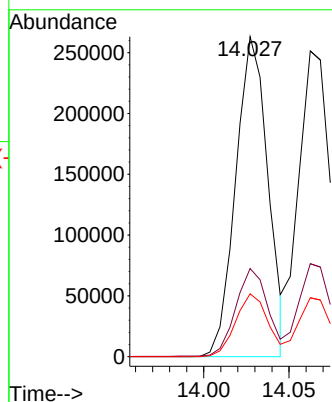
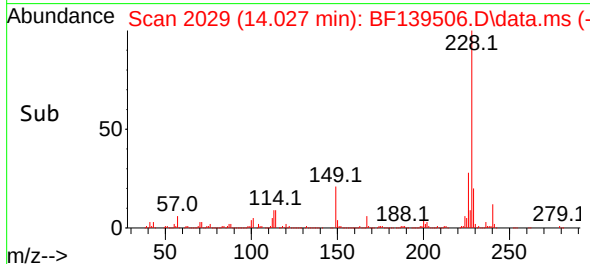
Tgt Ion:228 Resp: 34524
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations

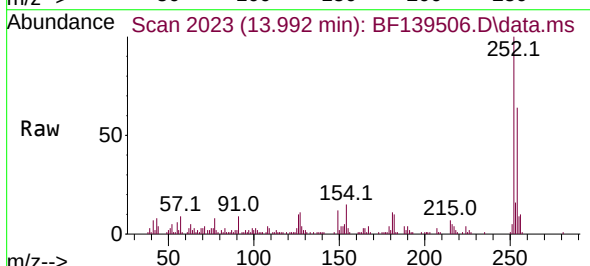
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

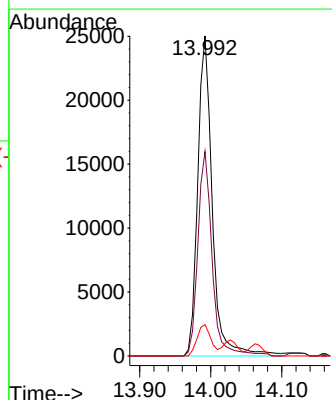
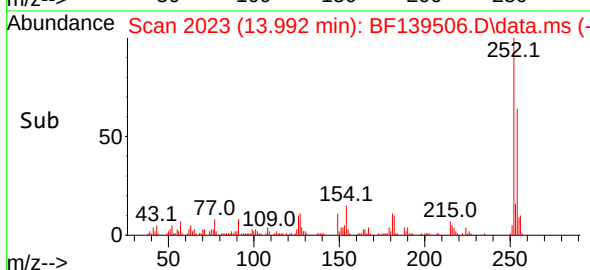
Supervised By :mohammad ahmed 09/22/2024

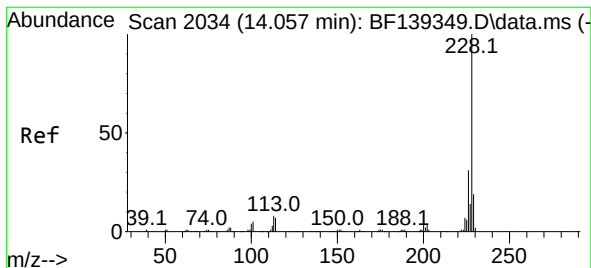


#82
3,3'-Dichlorobenzidine
Concen: 17.225 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139506.D
Acq: 20 Sep 2024 17:23



Tgt Ion:252 Resp: 35822
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 9.8 7.7 11.5





#83

Chrysene

Concen: 50.159 ng

RT: 14.062 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

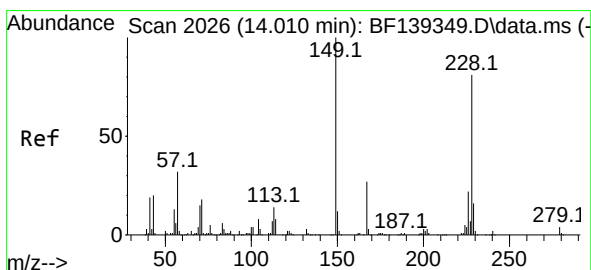
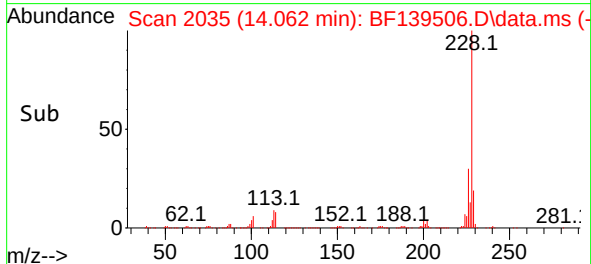
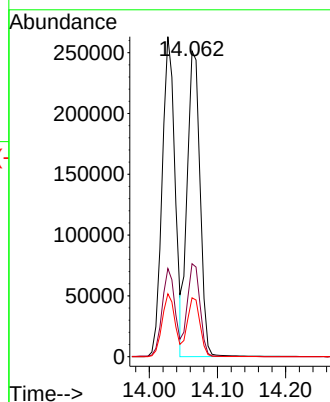
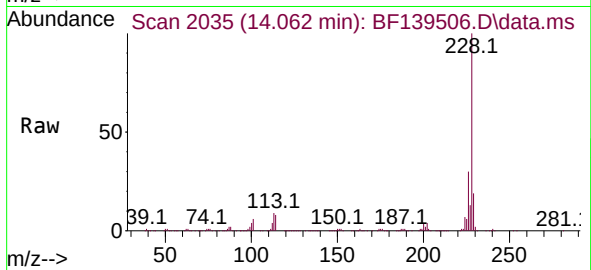
WC-22AMS

Tgt Ion:228 Resp: 327709
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 19.2 15.4 23.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.587 ng

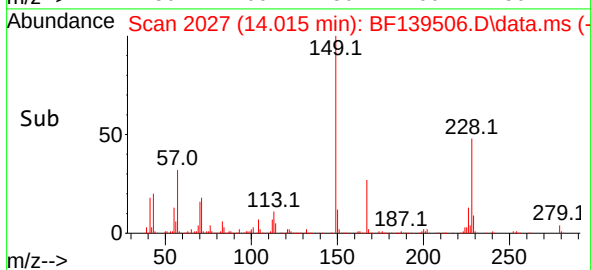
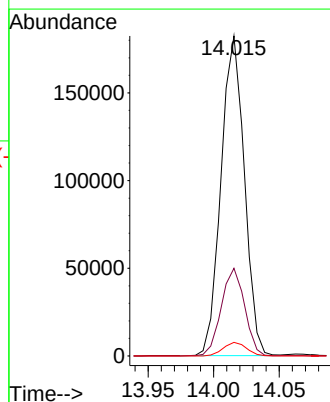
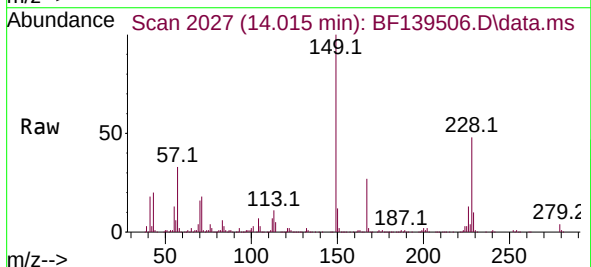
RT: 14.015 min Scan# 2027

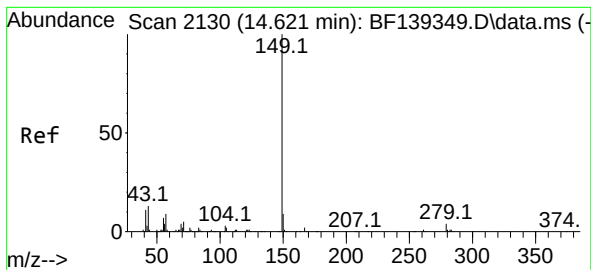
Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:149 Resp: 225551
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.6 32.4
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.505 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

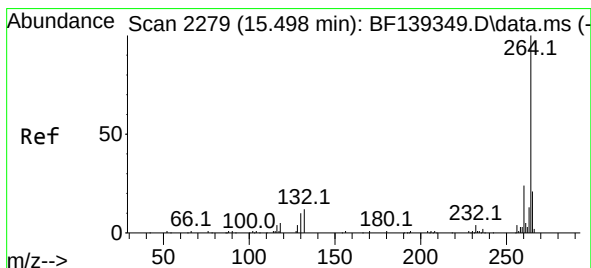
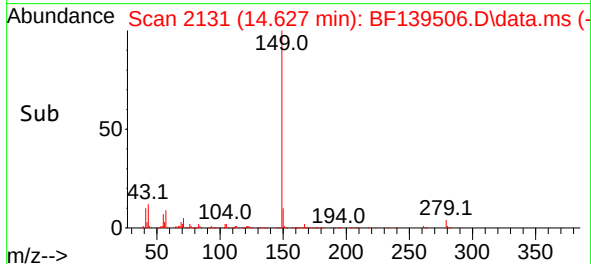
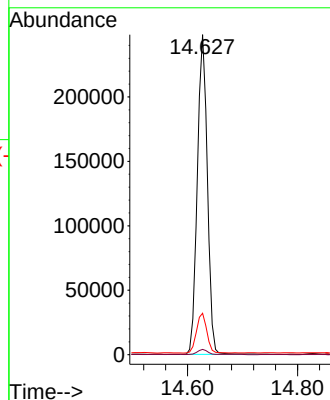
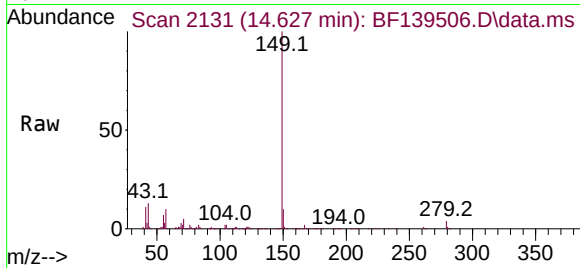
Tgt Ion:	149	Resp:	31408
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.7	10.6	16.0

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

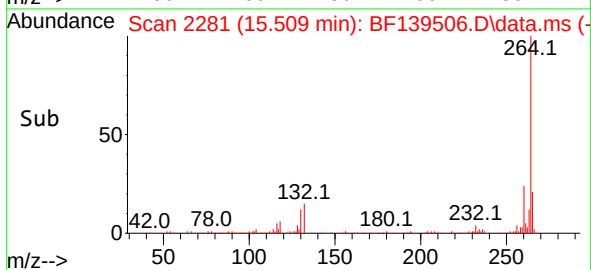
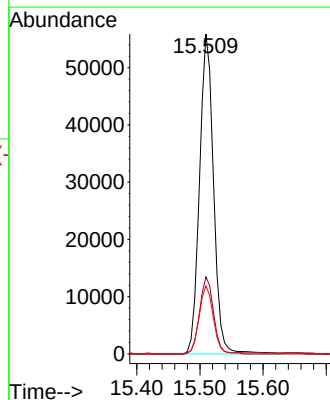
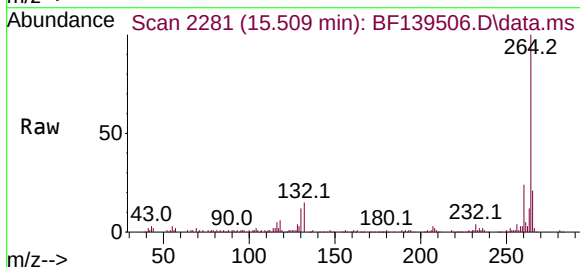
RT: 15.509 min Scan# 2281

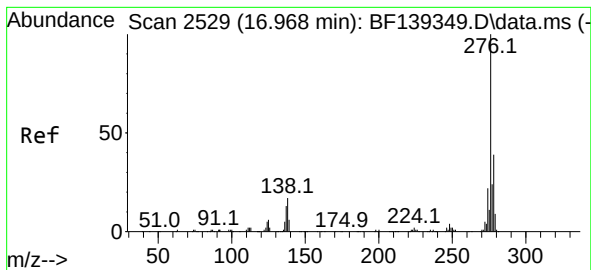
Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:	264	Resp:	86523
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.2	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.380 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

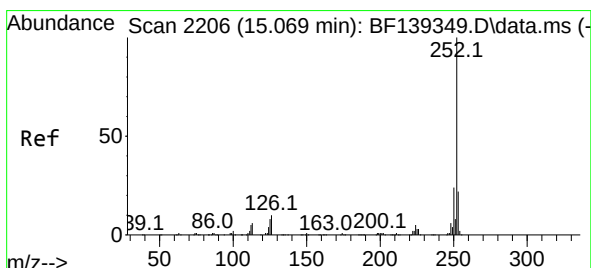
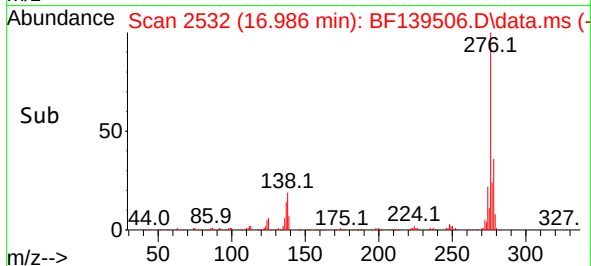
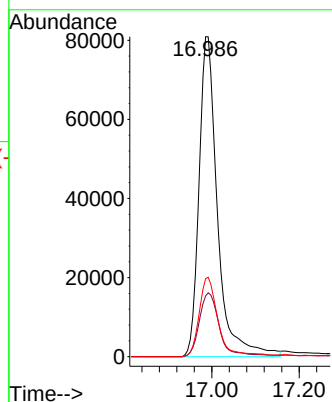
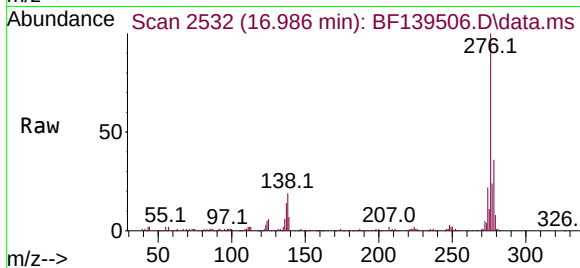
Tgt Ion:	276	Resp:	23862
Ion Ratio	Lower	Upper	
276	100		
138	21.9	15.4	23.2
277	25.6	20.4	30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 47.340 ng

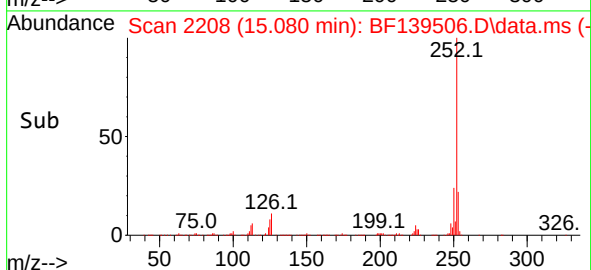
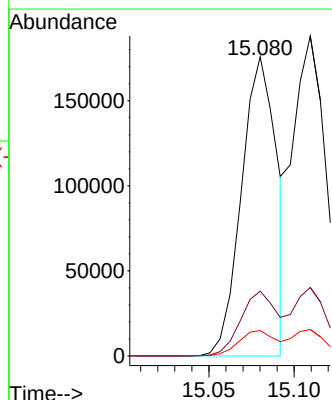
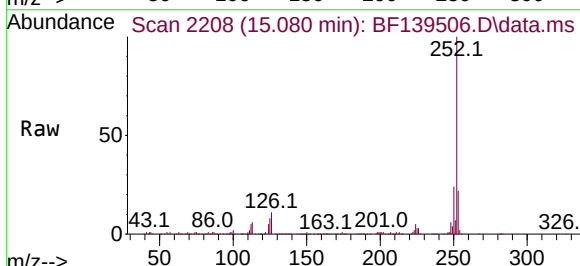
RT: 15.080 min Scan# 2208

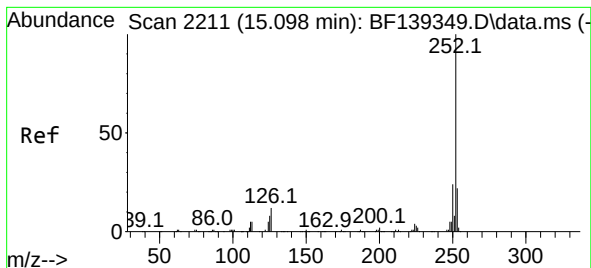
Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:	252	Resp:	252614
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	8.5	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 52.707 ng

RT: 15.109 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:252 Resp: 25932

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

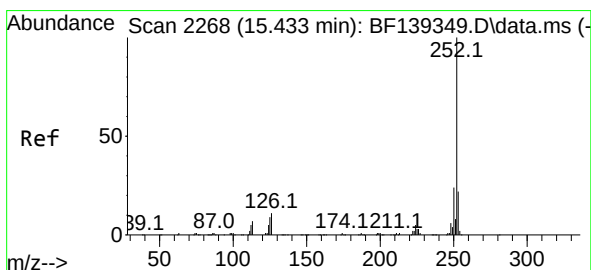
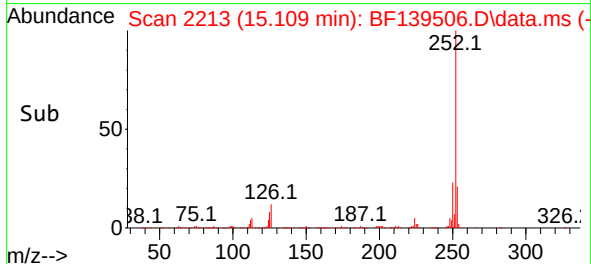
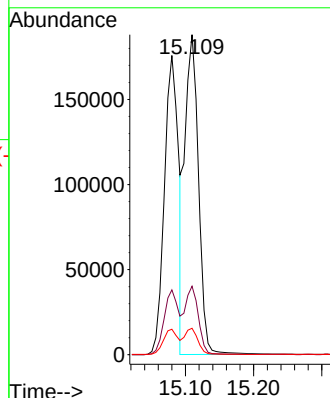
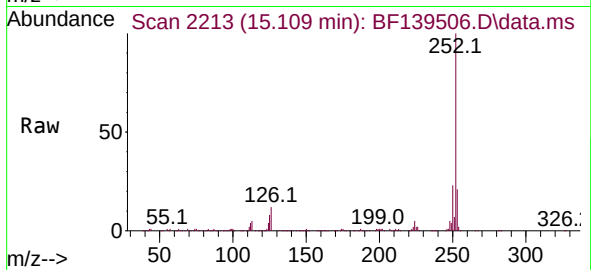
125 8.2 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 52.559 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

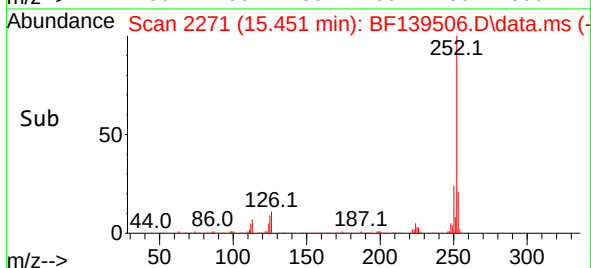
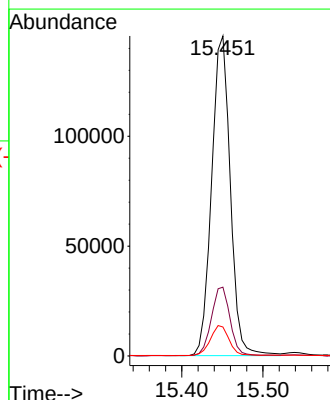
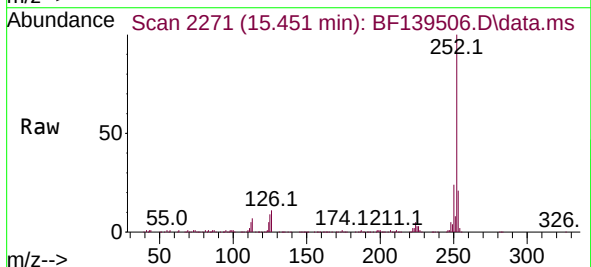
Tgt Ion:252 Resp: 232602

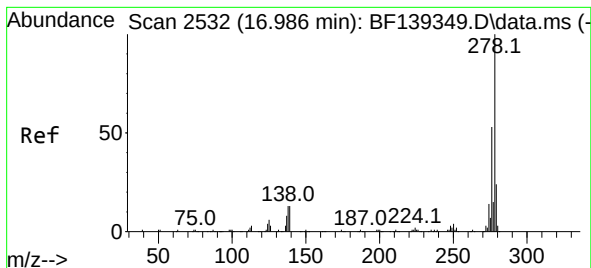
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.0 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.847 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Instrument :

BNA_F

ClientSampleId :

WC-22AMS

Tgt Ion:278 Resp: 20341

Ion Ratio Lower Upper

278 100

139 14.3 10.2 15.2

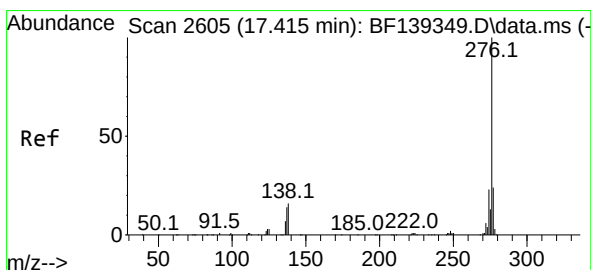
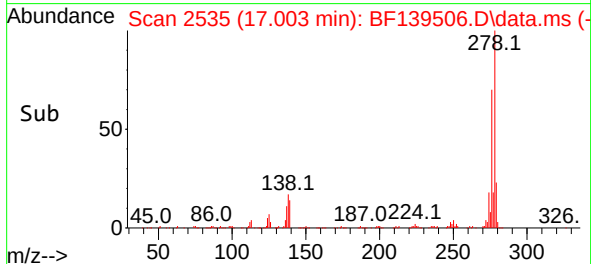
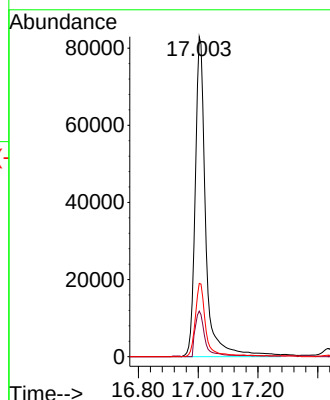
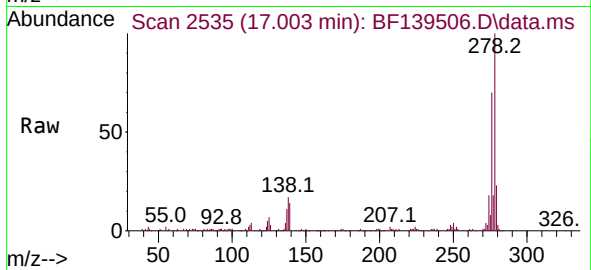
279 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#92

Benzo(g,h,i)perylene

Concen: 40.323 ng

RT: 17.433 min Scan# 2608

Delta R.T. 0.017 min

Lab File: BF139506.D

Acq: 20 Sep 2024 17:23

Tgt Ion:276 Resp: 169737

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 19.0 13.0 19.6

