

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139502.D
 Acq On : 20 Sep 2024 15:26
 Operator : RC/JU
 Sample : P4126-01MS 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 16:17:36 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	6.875	152	84914	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	297564	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	134257	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214374	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	122209	20.000	ng	0.00
86) Perylene-d12	15.510	264	98834	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	263301	50.585	ng	0.00
7) Phenol-d6	6.510	99	349674	51.181	ng	0.00
23) Nitrobenzene-d5	7.440	82	225904	35.690	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	64609	45.202	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	381121	39.814	ng	0.00
79) Terphenyl-d14	12.980	244	321757	43.215	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	33698	16.136	ng	98
3) Pyridine	3.422	79	74742	16.233	ng	98
4) n-Nitrosodimethylamine	3.363	42	70333	17.624	ng	88
6) Aniline	6.587	93	22629m	4.389	ng	
8) 2-Chlorophenol	6.663	128	109863	20.504	ng	98
9) Benzaldehyde	6.428	77	18368	4.653	ng	99
10) Phenol	6.522	94	137754	19.797	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	111443m	21.072	ng	
12) 1,3-Dichlorobenzene	6.816	146	116514	19.121	ng	98
13) 1,4-Dichlorobenzene	6.893	146	117431	19.070	ng	100
14) 1,2-Dichlorobenzene	7.045	146	111672	19.192	ng	97
15) Benzyl Alcohol	7.016	79	77098	14.144	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	190330	23.351	ng	99
17) 2-Methylphenol	7.134	107	86613	20.346	ng	98
18) Hexachloroethane	7.387	117	41097	17.522	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	81436	20.114	ng	99
20) 3+4-Methylphenols	7.287	107	110868	19.089	ng	# 86
22) Acetophenone	7.281	105	154091	19.808	ng	98
24) Nitrobenzene	7.457	77	126492	19.417	ng	98
25) Isophorone	7.692	82	213541	21.332	ng	99
26) 2-Nitrophenol	7.775	139	55072	21.699	ng	90
27) 2,4-Dimethylphenol	7.810	122	85679m	25.592	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	125163	21.939	ng	98
29) 2,4-Dichlorophenol	8.022	162	85727	20.156	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	93617	18.891	ng	99
31) Naphthalene	8.181	128	315284	20.296	ng	100
32) Benzoic acid	7.898	122	37111	11.845	ng	91
33) 4-Chloroaniline	8.275	127	59049	12.425	ng	98
34) Hexachlorobutadiene	8.298	225	62248	18.489	ng	99
35) Caprolactam	8.581	113	25398	19.413	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	83612	17.202	ng	96
37) 2-Methylnaphthalene	8.869	142	195036	19.780	ng	98
38) 1-Methylnaphthalene	8.969	142	180367	18.632	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	88764	22.308	ng	98
41) Hexachlorocyclopentadiene	9.022	237	51581	37.128	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	55752	21.537	ng	98

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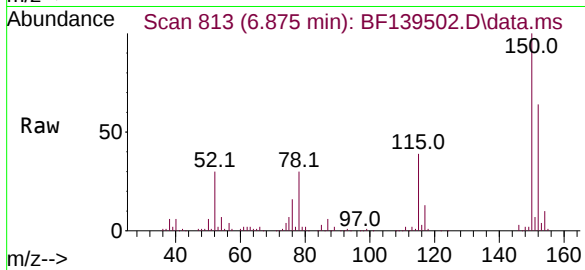
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	54626	20.005	ng	97
46) 1,1'-Biphenyl	9.334	154	226888	21.967	ng	99
47) 2-Chloronaphthalene	9.357	162	162107	20.991	ng	99
48) 2-Nitroaniline	9.457	65	59814	20.823	ng	99
49) Acenaphthylene	9.775	152	259481	22.321	ng	99
50) Dimethylphthalate	9.634	163	192230	21.815	ng	99
51) 2,6-Dinitrotoluene	9.692	165	38621	19.784	ng	98
52) Acenaphthene	9.945	154	172282	21.234	ng	99
53) 3-Nitroaniline	9.869	138	34886	17.882	ng	93
54) 2,4-Dinitrophenol	9.975	184	19786	18.190	ng	88
55) Dibenzofuran	10.116	168	233583	20.655	ng	96
56) 4-Nitrophenol	10.028	139	55194	34.191	ng	87
57) 2,4-Dinitrotoluene	10.098	165	48761	18.502	ng	96
58) Fluorene	10.463	166	191479	20.752	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	41697	18.459	ng	94
60) Diethylphthalate	10.328	149	180222	19.819	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	84735	18.897	ng	97
62) 4-Nitroaniline	10.475	138	34778	16.334	ng	90
63) Azobenzene	10.610	77	192798	21.556	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	13034	11.520	ng	95
66) n-Nitrosodiphenylamine	10.569	169	144865	23.113	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	46837	22.047	ng	96
68) Hexachlorobenzene	11.004	284	50534	20.268	ng	98
69) Atrazine	11.098	200	41347	27.710	ng	97
70) Pentachlorophenol	11.204	266	55600	37.165	ng	99
71) Phenanthrene	11.422	178	351942	34.028	ng	99
72) Anthracene	11.475	178	262215	25.930	ng	99
73) Carbazole	11.633	167	223910	23.135	ng	98
74) Di-n-butylphthalate	11.957	149	240098	22.270	ng	99
75) Fluoranthene	12.610	202	406213	36.778	ng	99
77) Benzidine	12.745	184	16306m	9.313	ng	
78) Pyrene	12.839	202	413294	39.386	ng	99
80) Butylbenzylphthalate	13.457	149	96236	26.944	ng	97
81) Benzo(a)anthracene	14.027	228	234167	28.927	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	46800	19.741	ng	99
83) Chrysene	14.063	228	211663	28.421	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	113004	24.871	ng	100
85) Di-n-octyl phthalate	14.627	149	153922	23.003	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	135467	23.051	ng	98
88) Benzo(b)fluoranthene	15.080	252	167985	27.559	ng	99
89) Benzo(k)fluoranthene	15.104	252	134762m	23.978	ng	
90) Benzo(a)pyrene	15.445	252	144229	28.531	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	98548	20.293	ng	98
92) Benzo(g,h,i)perylene	17.433	276	104555	21.745	ng #	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

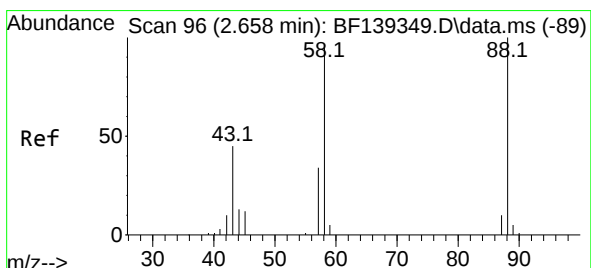
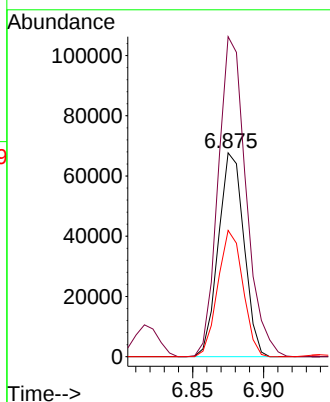
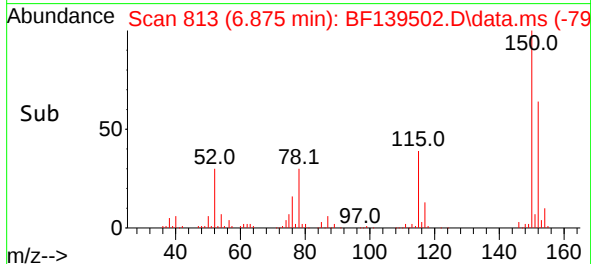
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:152 Resp: 84914
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 61.9 48.1 72.1

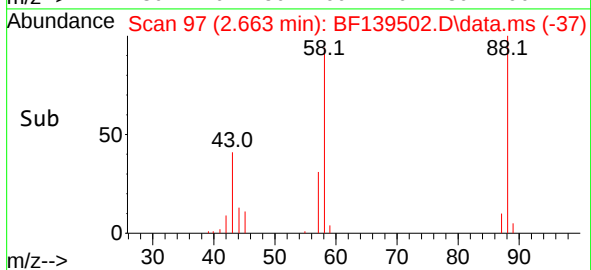
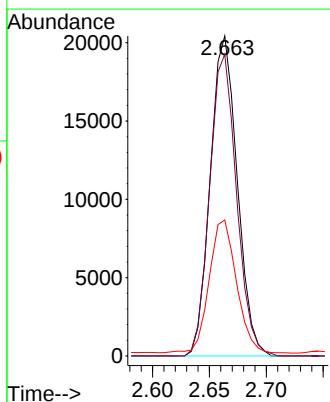
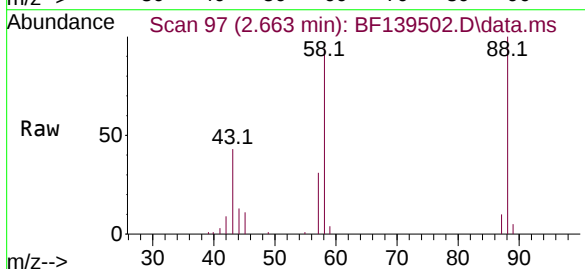
Manual Integrations
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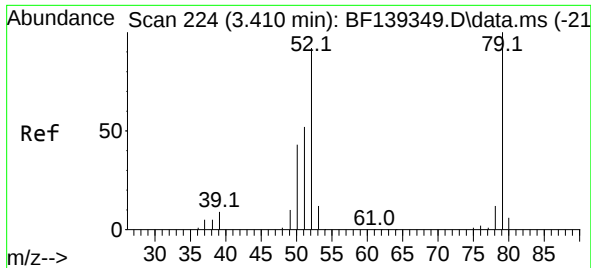
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 16.136 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 88 Resp: 33698
Ion Ratio Lower Upper
88 100
58 94.0 74.8 112.2
43 42.3 36.4 54.6





#3

Pyridine

Concen: 16.233 ng

RT: 3.422 min Scan# 216

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

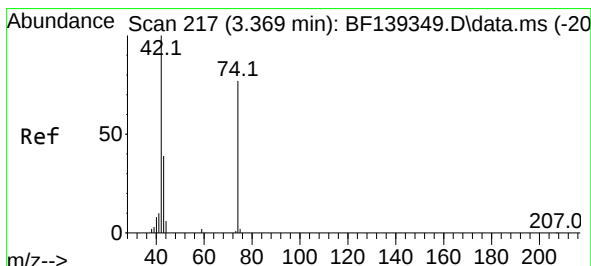
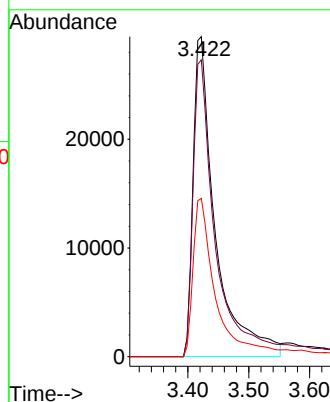
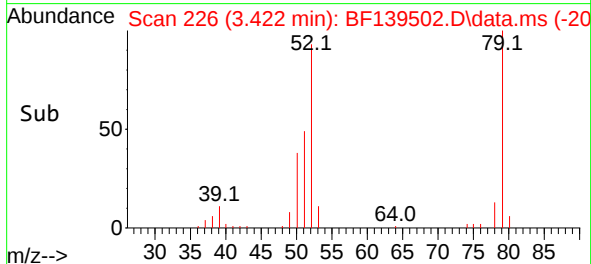
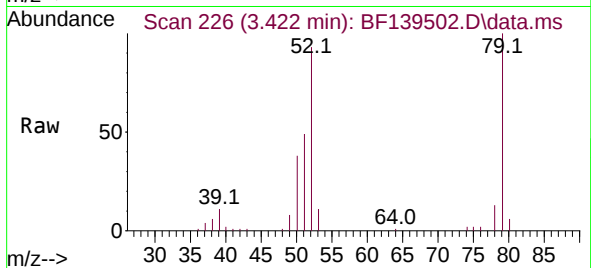
Tgt Ion:	79	Resp:	7474
Ion Ratio	Lower	Upper	
79	100		
52	92.7	73.8	110.8
51	49.5	41.8	62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 17.624 ng

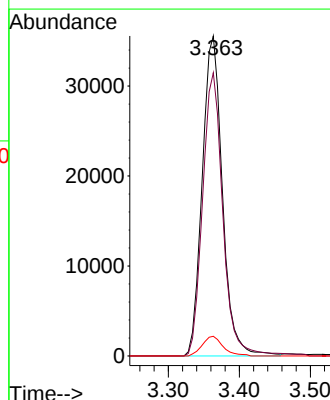
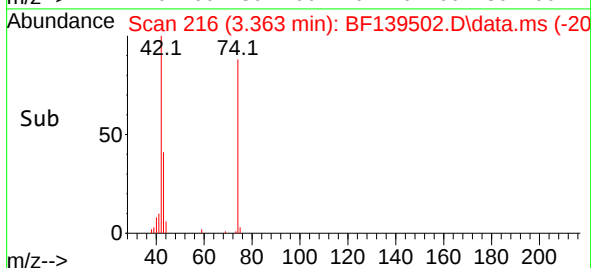
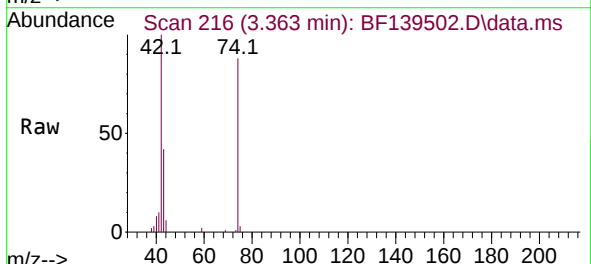
RT: 3.363 min Scan# 216

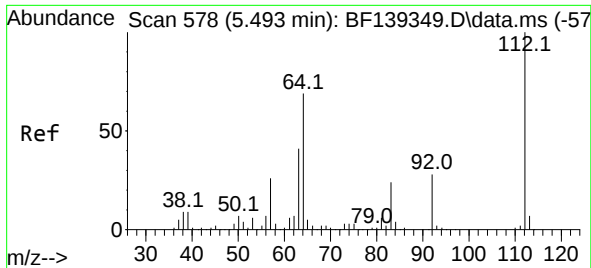
Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

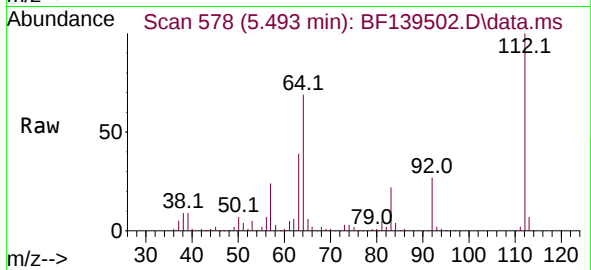
Tgt Ion:	42	Resp:	70333
Ion Ratio	Lower	Upper	
42	100		
74	88.5	61.8	92.8
44	6.1	4.8	7.2





#5
2-Fluorophenol
Concen: 50.585 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

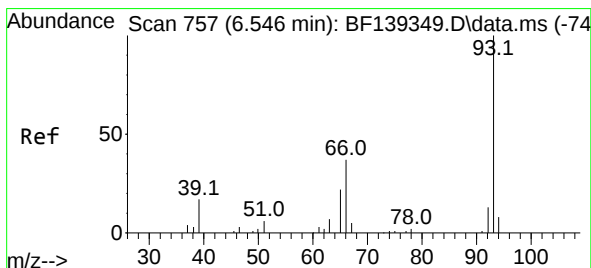
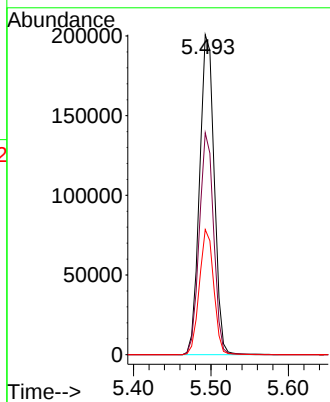
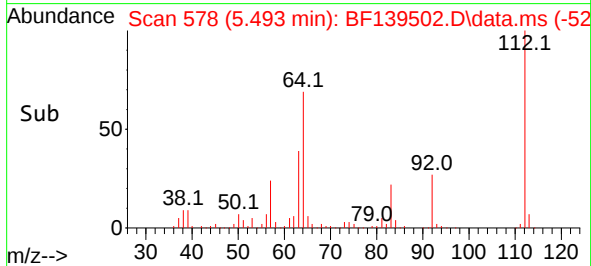
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Tgt Ion:112 Resp: 26330
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 39.1 33.0 49.4

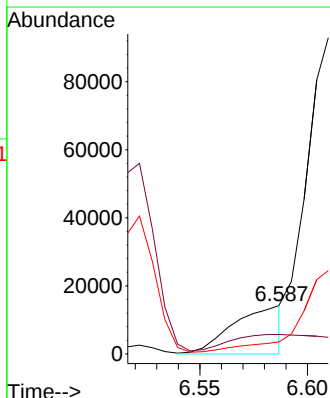
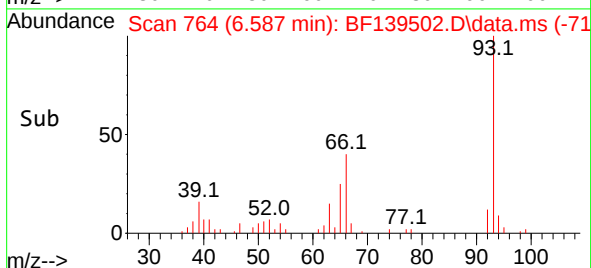
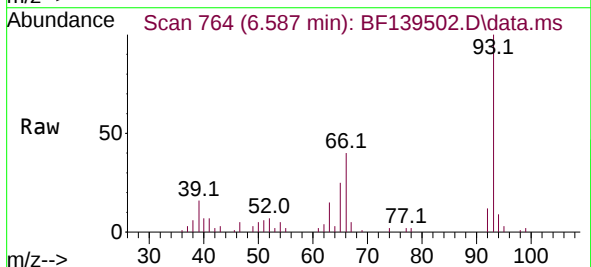
Manual Integrations
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Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 4.389 ng m
RT: 6.587 min Scan# 764
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

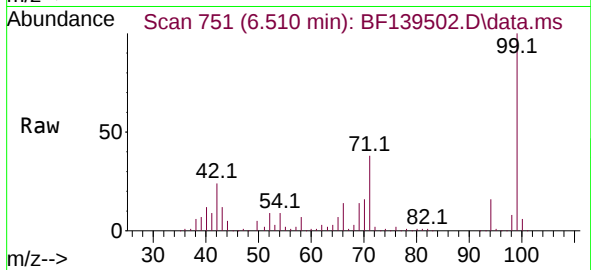
Tgt Ion: 93 Resp: 22629
Ion Ratio Lower Upper
93 100
66 40.3 35.4 53.0
65 24.9 18.2 27.4





#7
Phenol-d6
Concen: 51.181 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

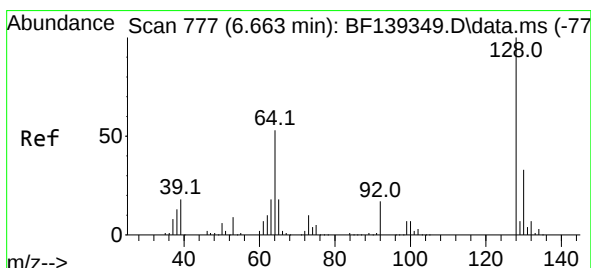
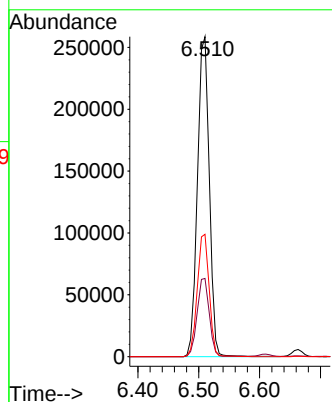
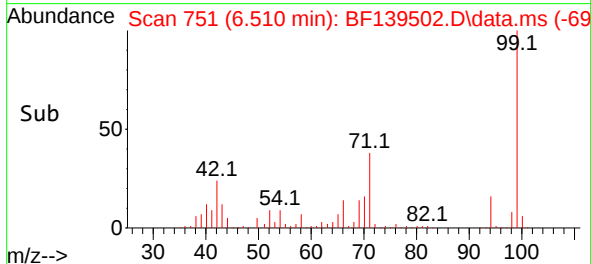
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion: 99 Resp: 349674
Ion Ratio Lower Upper
99 100
42 24.5 21.9 32.9
71 38.3 34.6 52.0

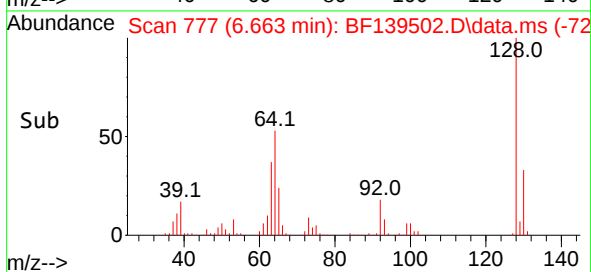
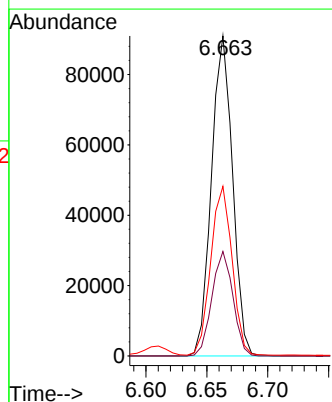
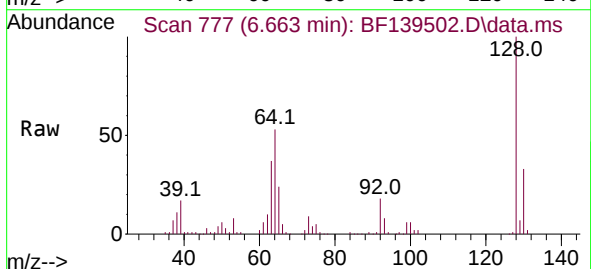
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Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 20.504 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:128 Resp: 109863
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.0 35.1 75.1





#9

Benzaldehyde

Concen: 4.653 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

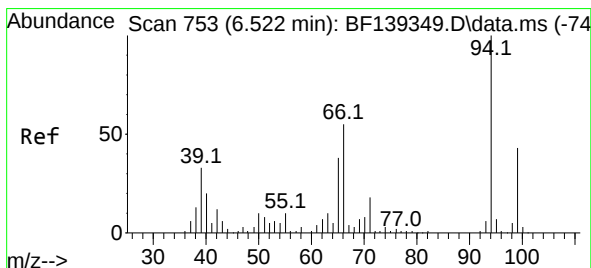
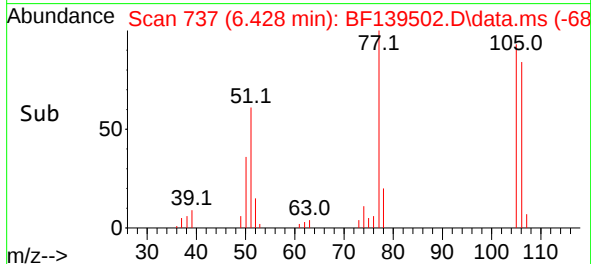
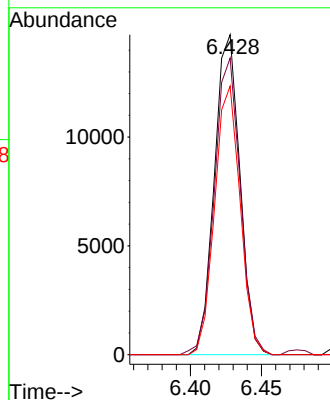
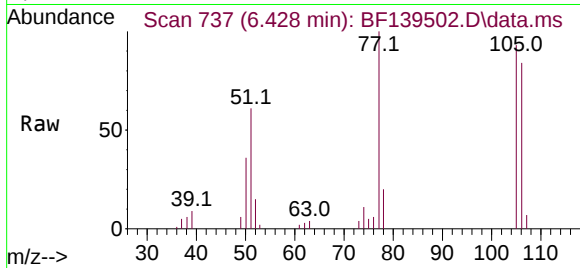
Tgt Ion: 77	Resp: 1836
Ion Ratio	Lower Upper
77 100	
105 92.7	71.0 111.0
106 83.9	64.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#10

Phenol

Concen: 19.797 ng

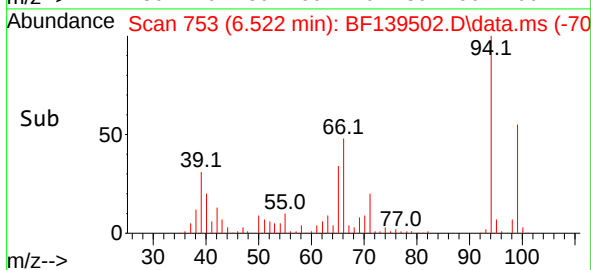
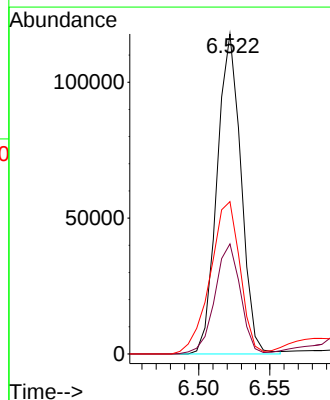
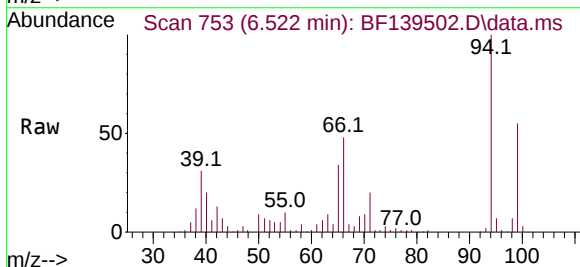
RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion: 94	Resp: 137754
Ion Ratio	Lower Upper
94 100	
65 34.4	17.6 57.6
66 47.6	35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 21.072 ng m

RT: 6.610 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

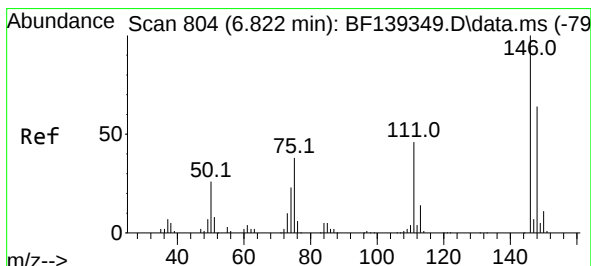
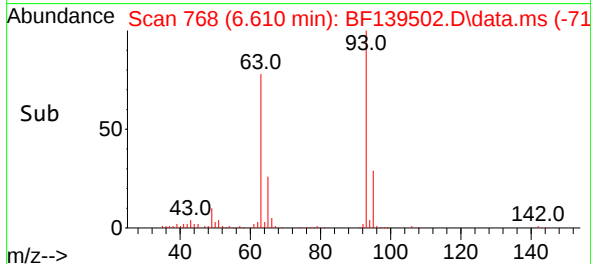
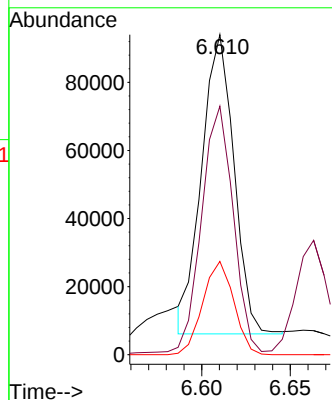
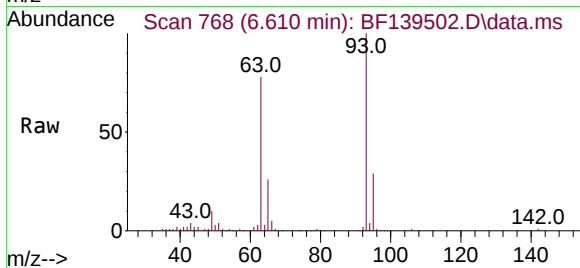
NB-08-09192024MS

Tgt Ion:	93	Resp:	11144
Ion Ratio	Lower	Upper	
93	100		
63	77.7	65.3	105.3
95	29.2	12.4	52.4

Manual Integrations

APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 19.121 ng

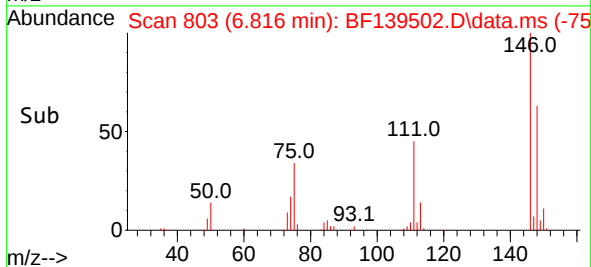
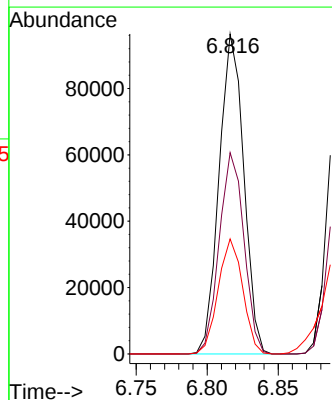
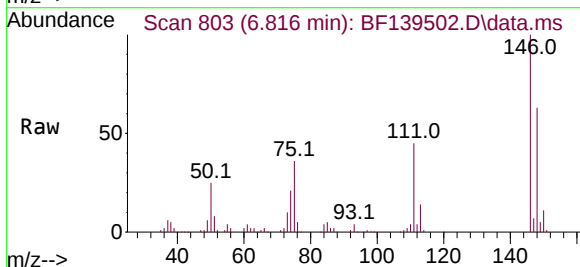
RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:	146	Resp:	116514
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.2	76.8
75	35.9	30.6	46.0





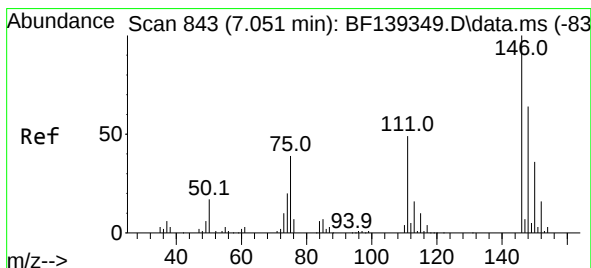
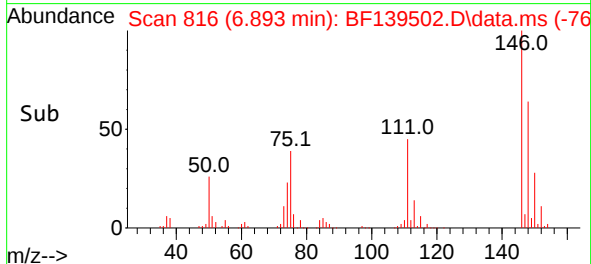
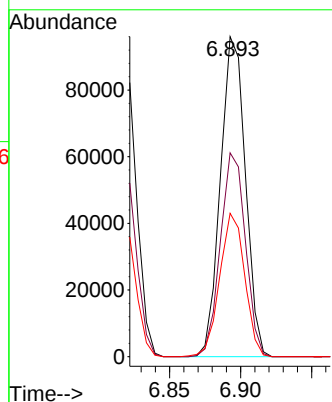
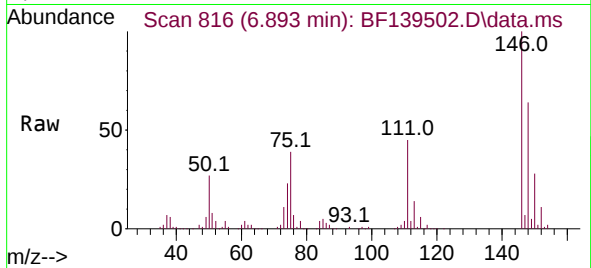
#13
1,4-Dichlorobenzene
Concen: 19.070 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:146 Resp: 11743
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 44.8 36.3 54.5

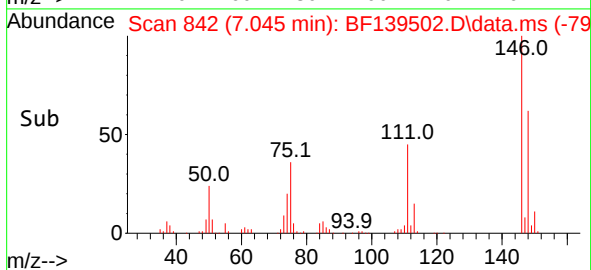
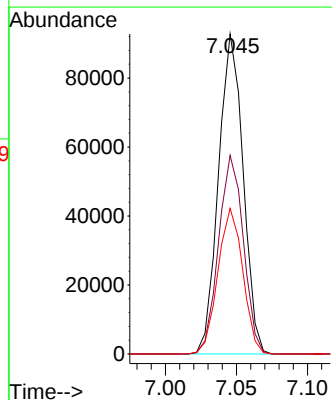
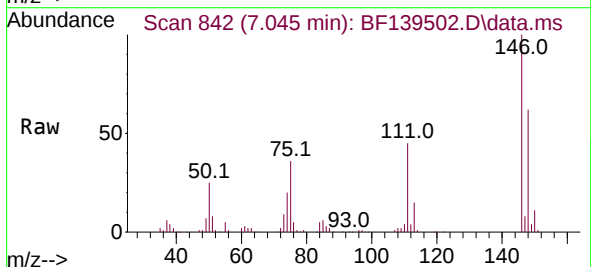
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 19.192 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

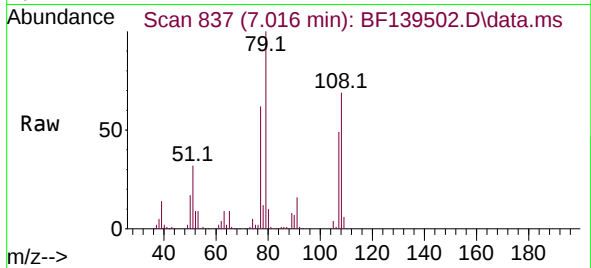
Tgt Ion:146 Resp: 111672
Ion Ratio Lower Upper
146 100
148 62.0 50.9 76.3
111 45.5 38.9 58.3





#15
Benzyl Alcohol
Concen: 14.144 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

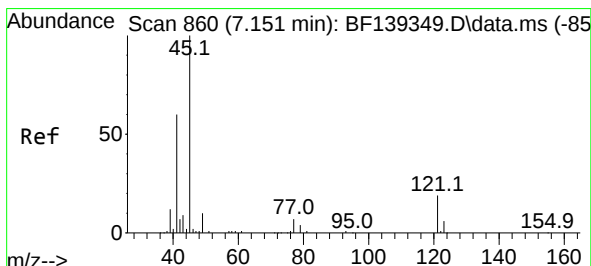
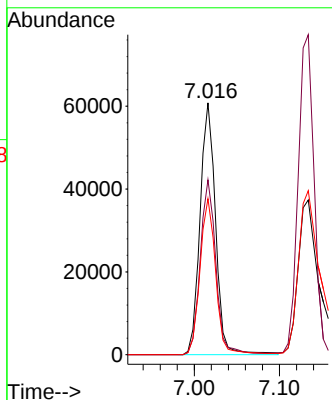
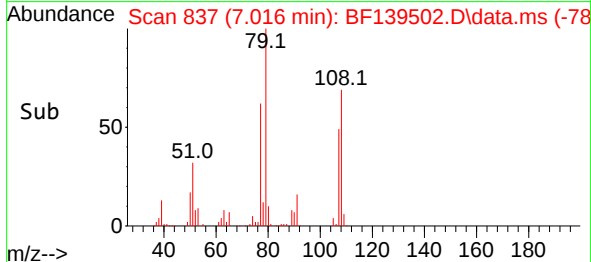
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



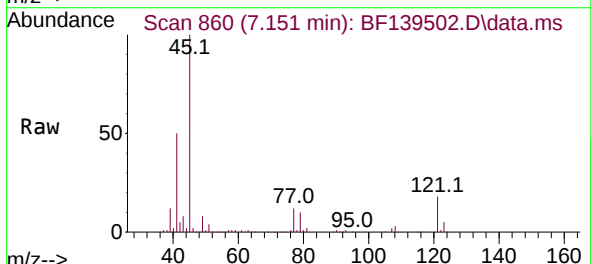
Tgt Ion: 79 Resp: 77098
Ion Ratio Lower Upper
79 100
108 69.5 50.4 75.6
77 62.0 51.4 77.2

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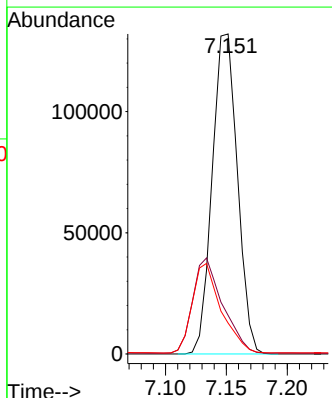
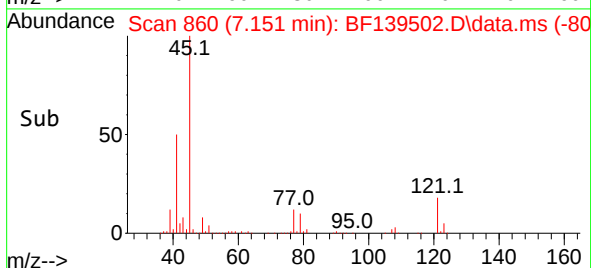
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.351 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion: 45 Resp: 190330
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.7 0.0 29.1





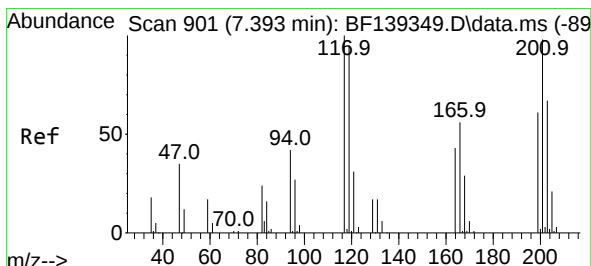
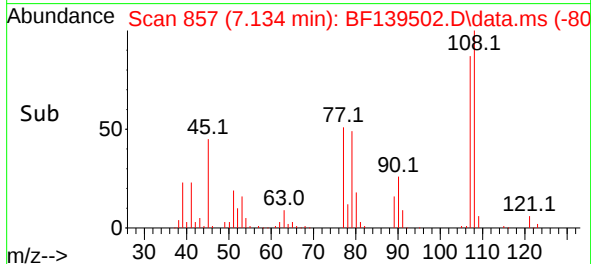
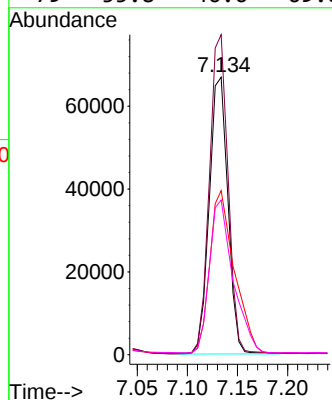
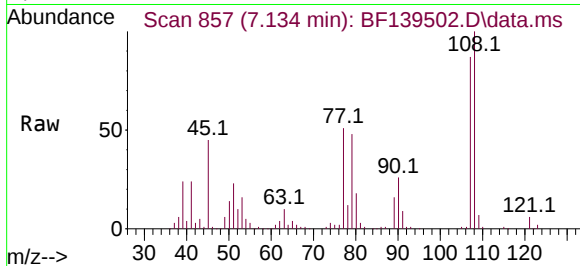
#17
2-Methylphenol
Concen: 20.346 ng
RT: 7.134 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:	107	Resp:	8661
Ion Ratio	Lower	Upper	
107	100		
108	115.3	90.5	135.7
77	59.1	47.1	70.7
79	55.8	46.6	69.8

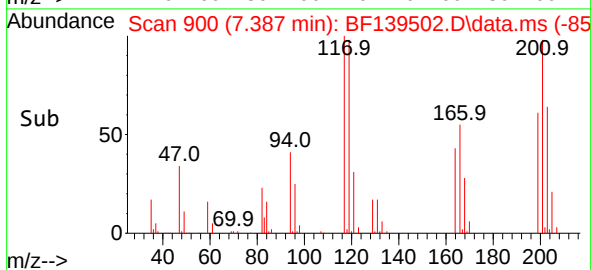
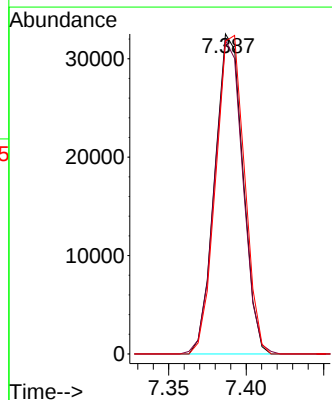
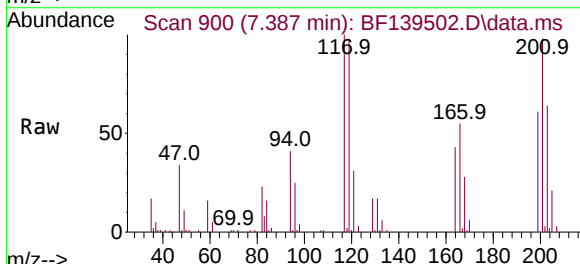
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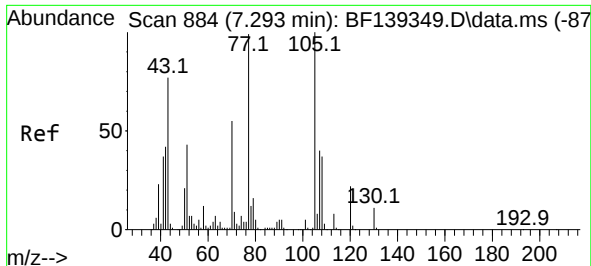
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 17.522 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

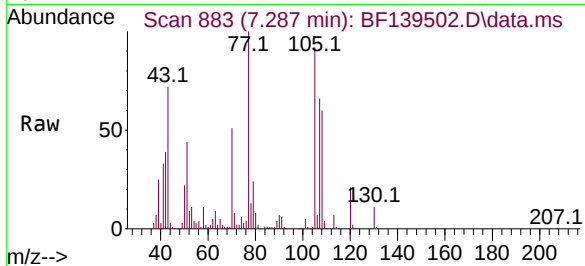
Tgt Ion:	117	Resp:	41097
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.8	113.8
201	97.7	78.6	118.0





#19
n-Nitroso-di-n-propylamine
Concen: 20.114 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

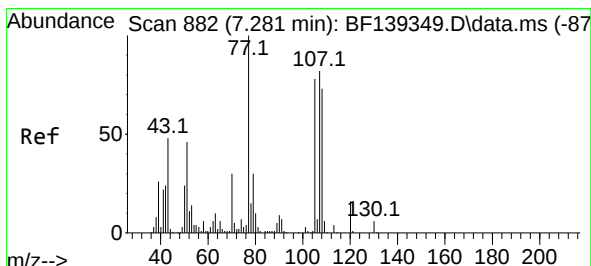
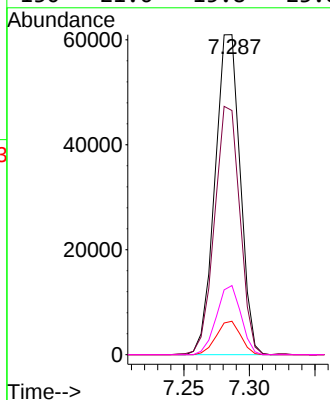
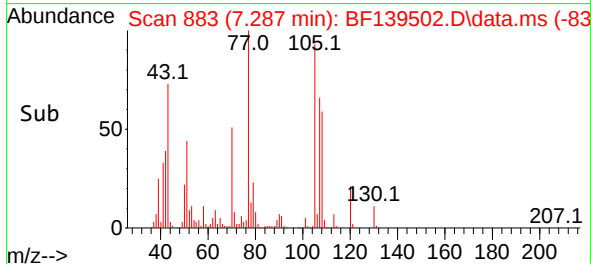
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion: 70 Resp: 81436
Ion Ratio Lower Upper
70 100
42 76.3 61.2 91.8
101 10.4 7.5 11.3
130 21.6 15.8 23.8

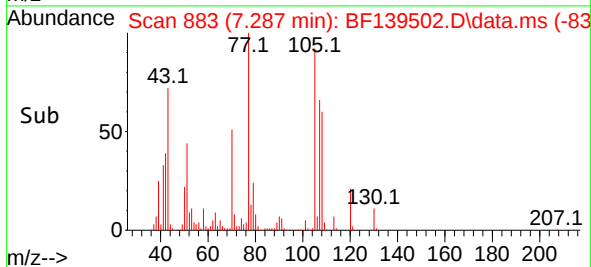
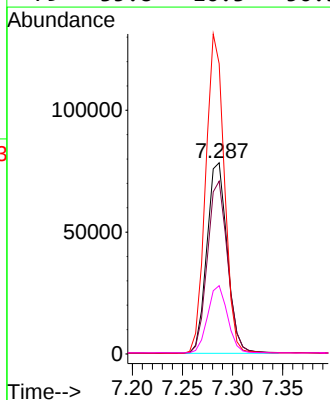
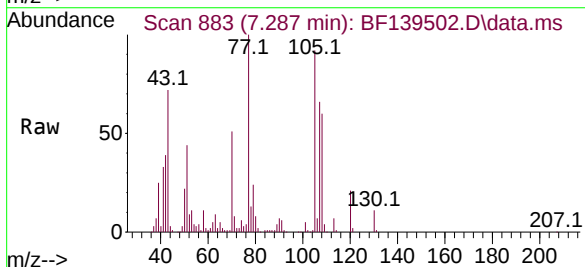
Manual Integrations
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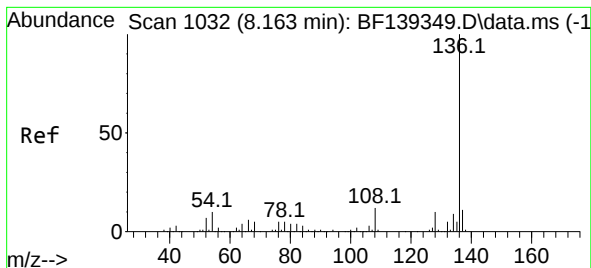
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 19.089 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:107 Resp: 110868
Ion Ratio Lower Upper
107 100
108 90.4 68.6 108.6
77 151.9 101.6 141.6#
79 35.8 16.3 56.3





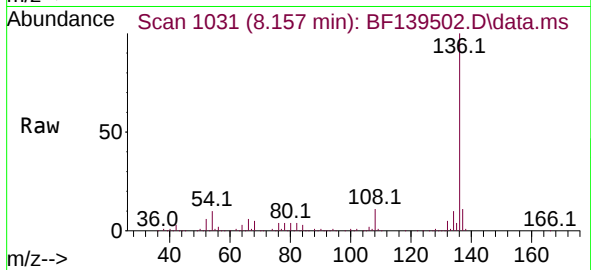
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

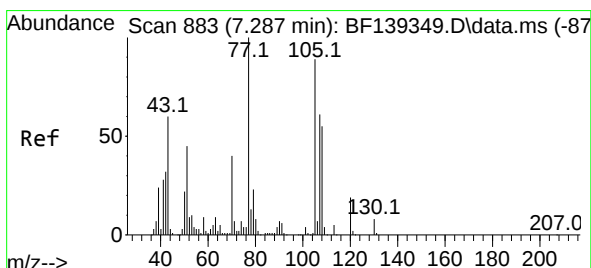
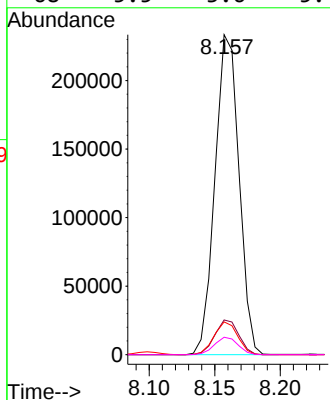
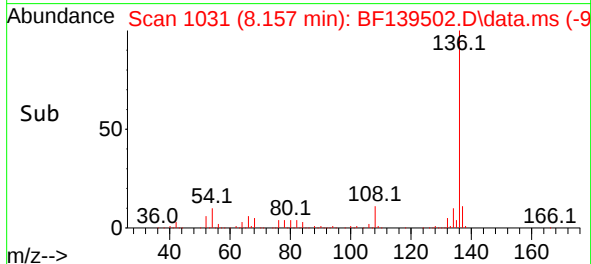


Tgt Ion:136 Resp: 297564
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.3 7.8 11.8
68 5.5 3.6 5.4#

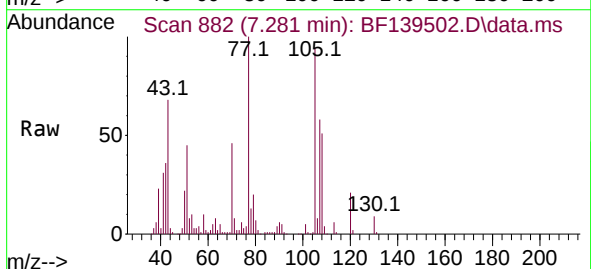
Manual Integrations

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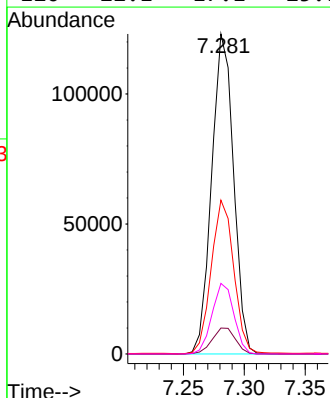
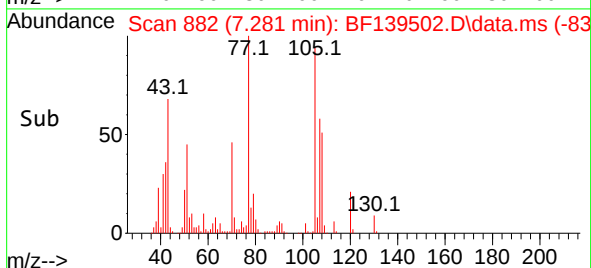
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 19.808 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion:105 Resp: 154091
Ion Ratio Lower Upper
105 100
71 8.1 5.9 8.9
51 48.1 40.0 60.0
120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 35.690 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

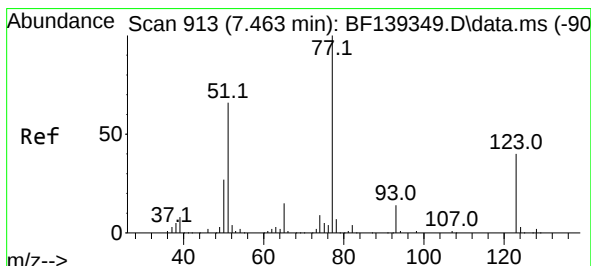
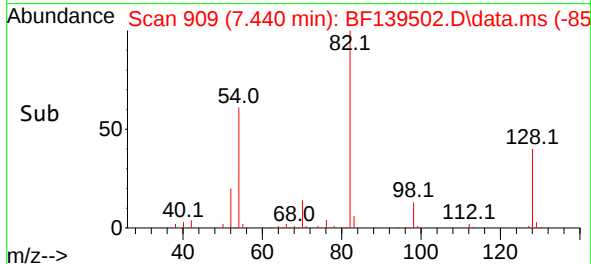
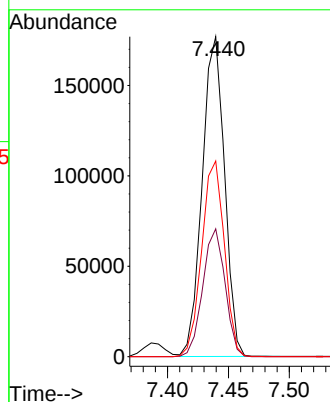
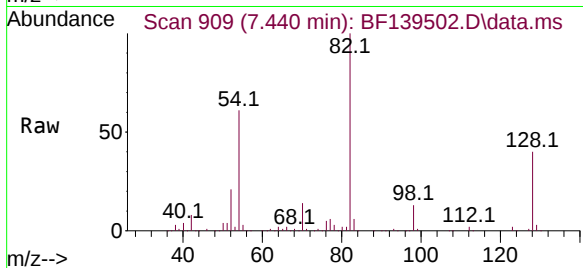
NB-08-09192024MS

Tgt Ion: 82 Resp: 225904
 Ion Ratio Lower Upper
 82 100
 128 40.0 31.8 47.6
 54 61.1 50.6 75.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 19.417 ng

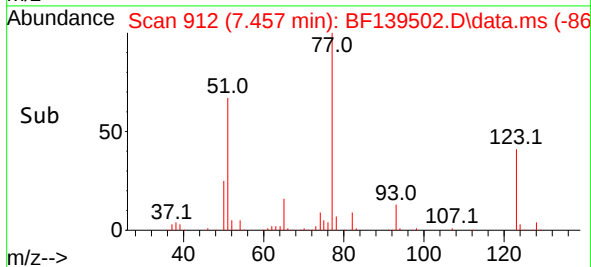
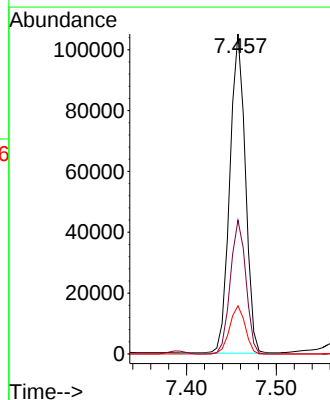
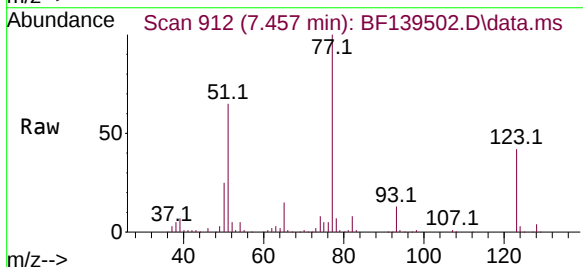
RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

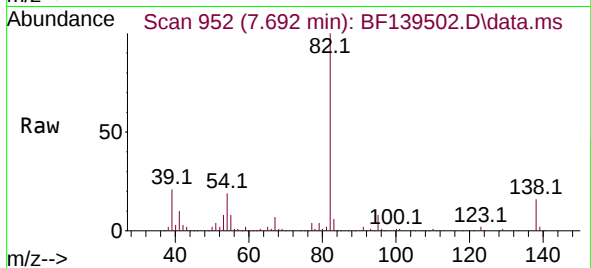
Tgt Ion: 77 Resp: 126492
 Ion Ratio Lower Upper
 77 100
 123 41.8 32.2 48.4
 65 15.1 12.2 18.4





#25
Isophorone
Concen: 21.332 ng
RT: 7.692 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

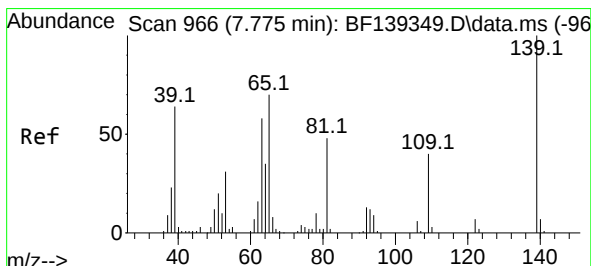
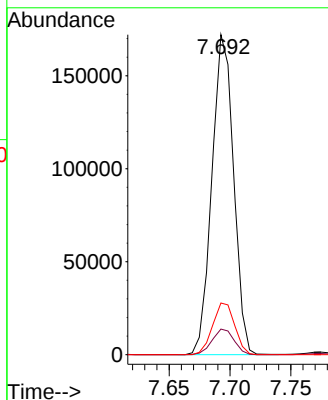
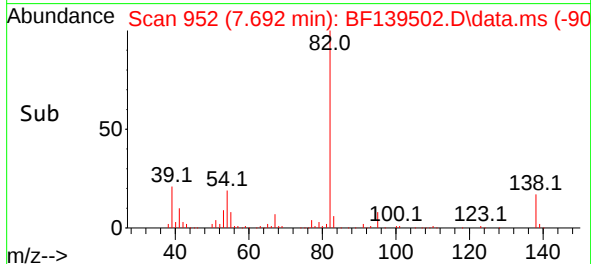
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



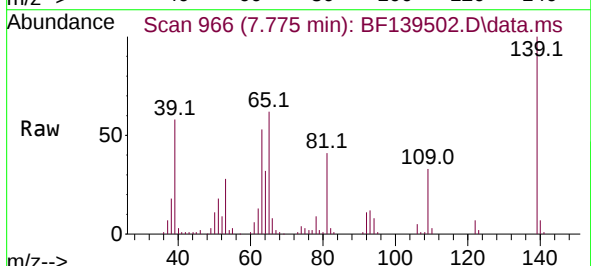
Tgt Ion: 82 Resp: 21354
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.2 13.3 19.9

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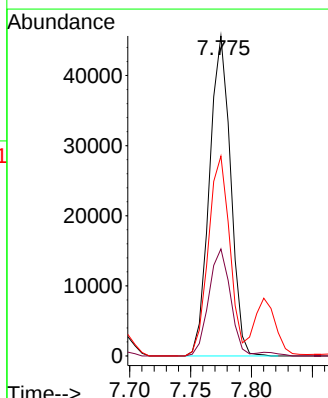
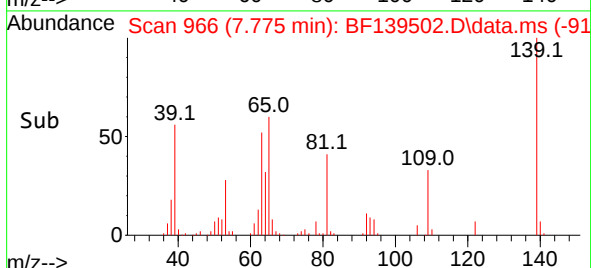
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

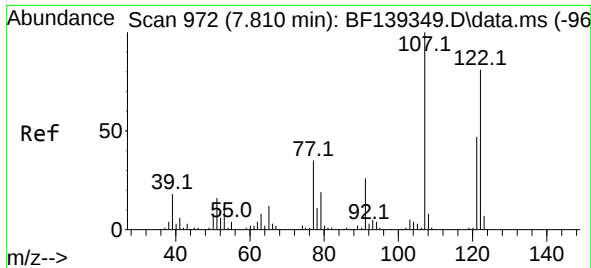


#26
2-Nitrophenol
Concen: 21.699 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion:139 Resp: 55072
Ion Ratio Lower Upper
139 100
109 33.4 32.2 48.2
65 62.5 55.8 83.8





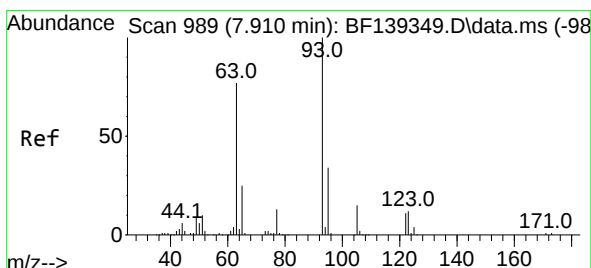
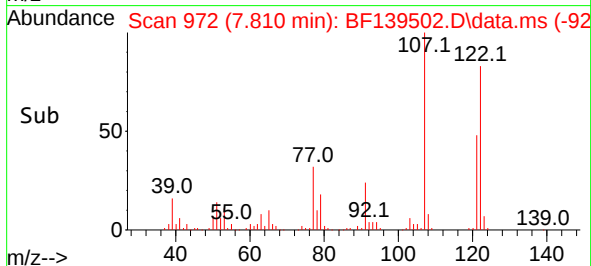
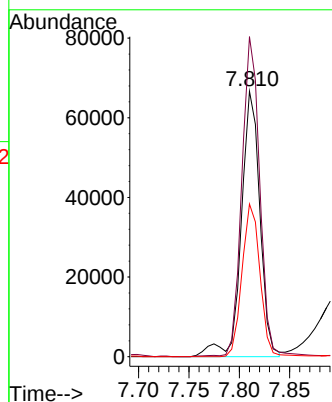
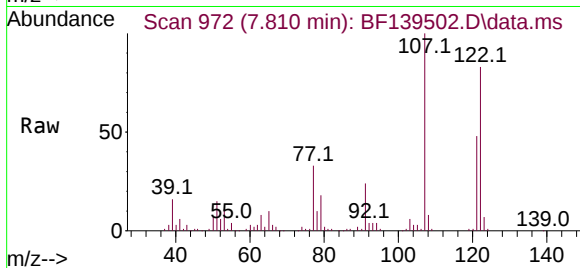
#27
2,4-Dimethylphenol
Concen: 25.592 ng m
RT: 7.810 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:122 Resp: 85679
Ion Ratio Lower Upper
122 100
107 120.6 99.1 148.7
121 57.5 46.6 70.0

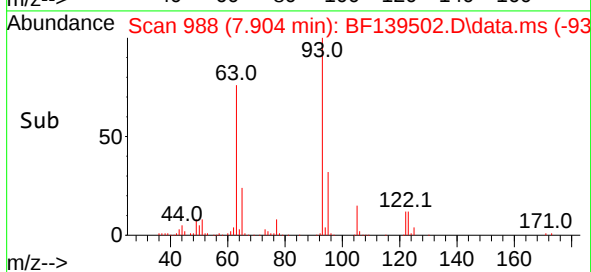
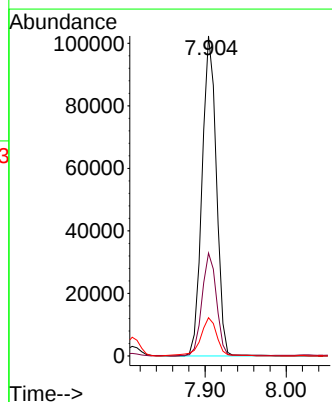
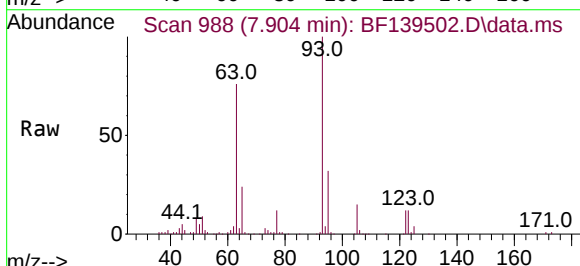
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 21.939 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion: 93 Resp: 125163
Ion Ratio Lower Upper
93 100
95 32.2 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 20.156 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

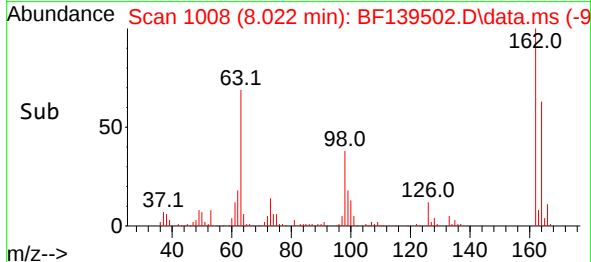
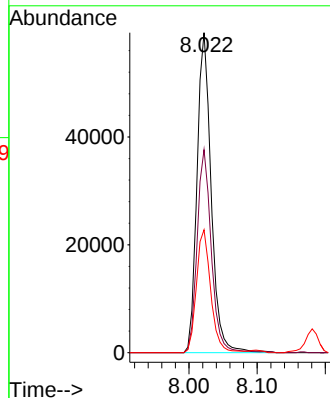
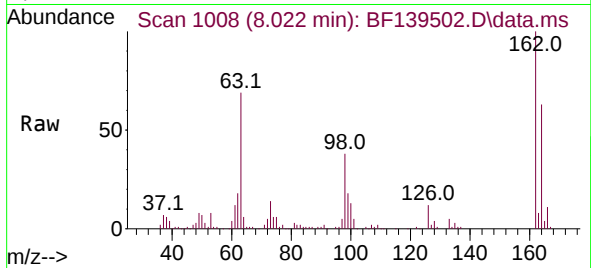
Tgt Ion:162	Resp:	8572
Ion Ratio	Lower	Upper
162	100	
164	63.5	43.6 83.6
98	38.4	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 18.891 ng

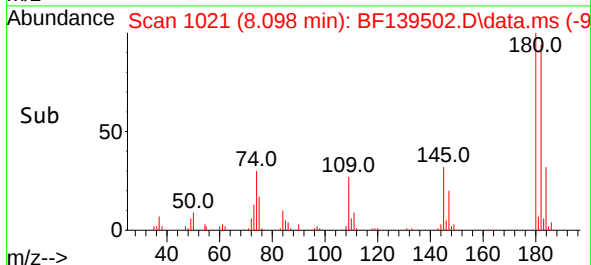
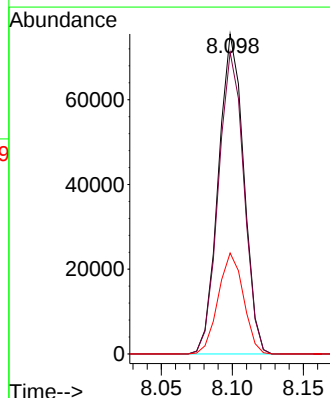
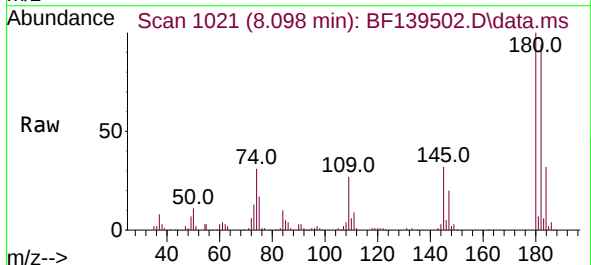
RT: 8.098 min Scan# 1021

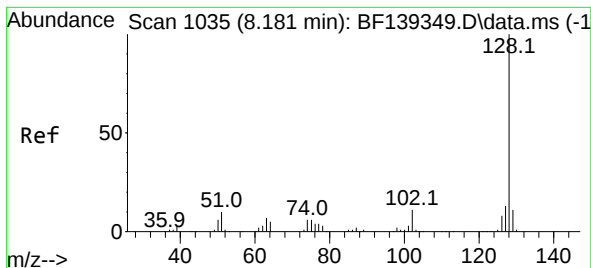
Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:180	Resp:	93617
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.7 113.5
145	31.5	26.5 39.7





#31

Naphthalene

Concen: 20.296 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

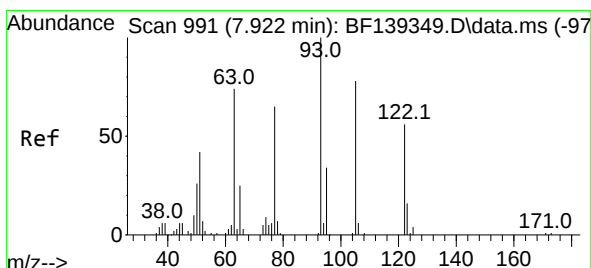
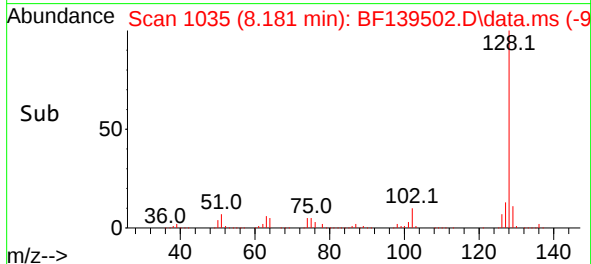
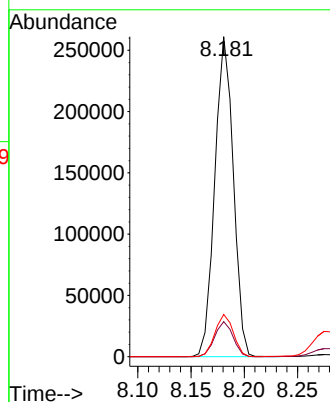
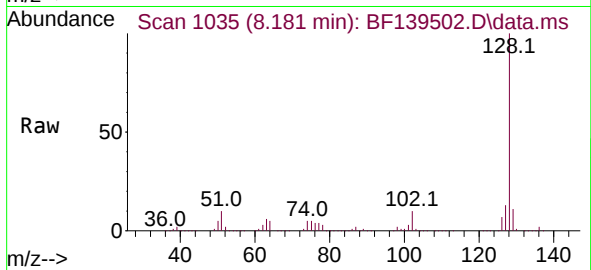
Tgt Ion:128 Resp: 315284
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 11.845 ng

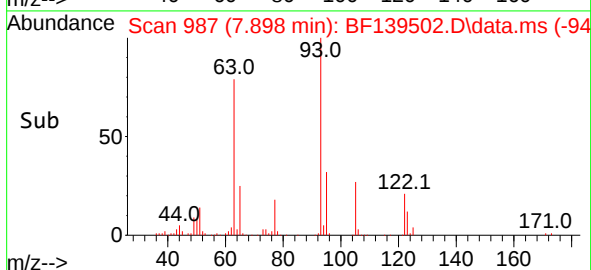
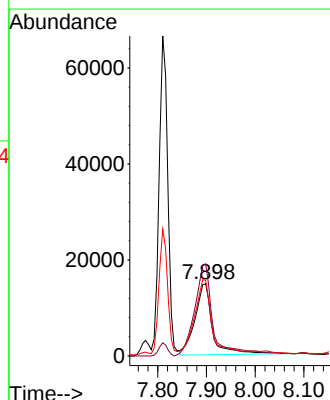
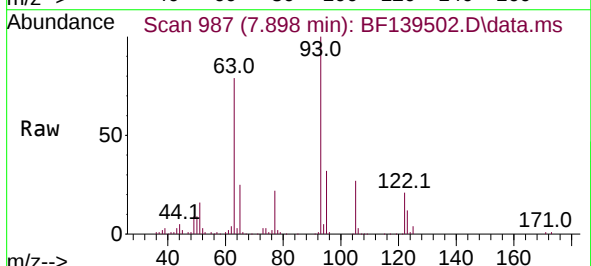
RT: 7.898 min Scan# 987

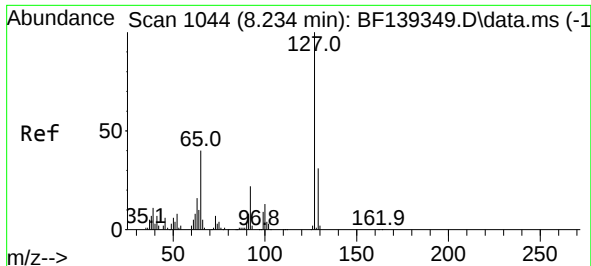
Delta R.T. -0.024 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

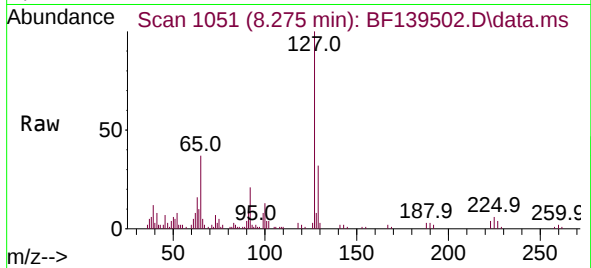
Tgt Ion:122 Resp: 37111
 Ion Ratio Lower Upper
 122 100
 105 127.3 117.1 157.1
 77 104.6 95.4 135.4





#33
4-Chloroaniline
Concen: 12.425 ng
RT: 8.275 min Scan# 1044
Delta R.T. 0.041 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

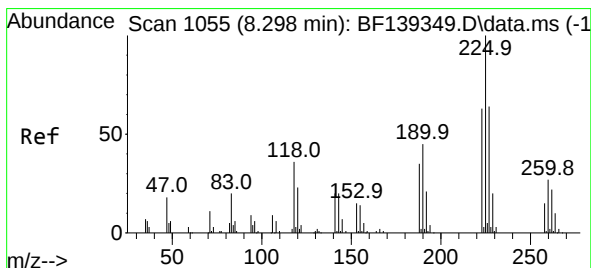
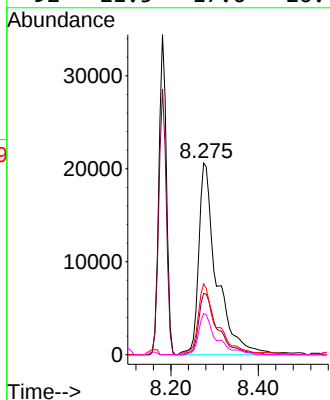
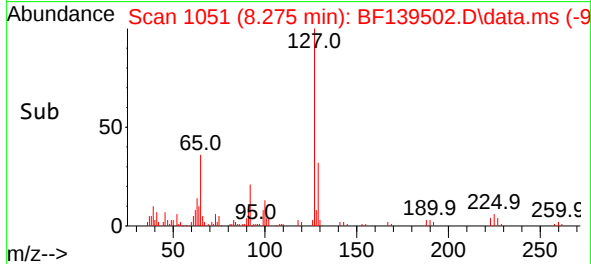
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:	127	Resp:	59049
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.5	38.3
65	37.0	31.5	47.3
92	21.5	17.6	26.4

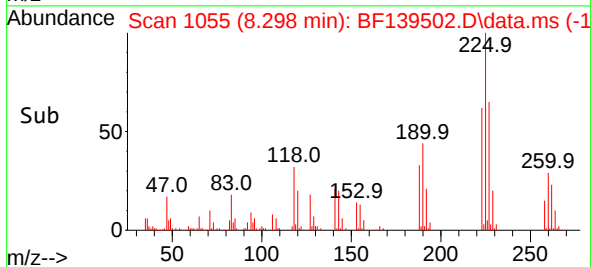
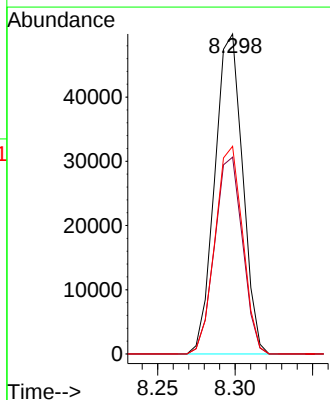
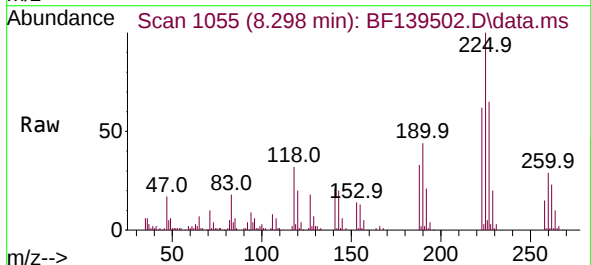
Manual Integrations
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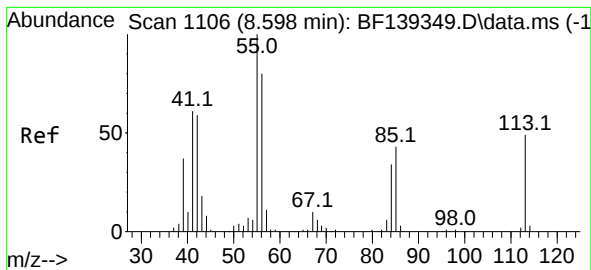
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 18.489 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:	225	Resp:	62248
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.1	75.1
227	64.9	51.0	76.6





#35

Caprolactam

Concen: 19.413 ng

RT: 8.581 min Scan# 1106

Delta R.T. -0.018 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

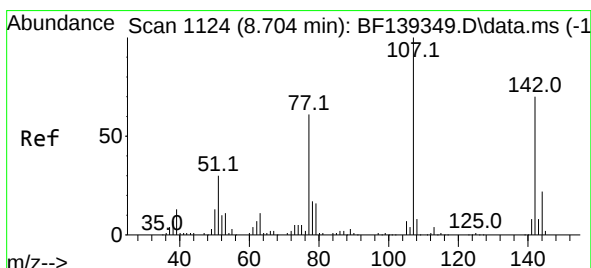
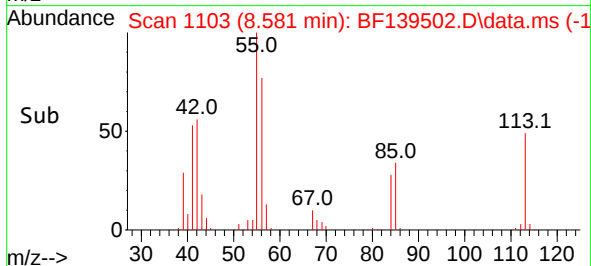
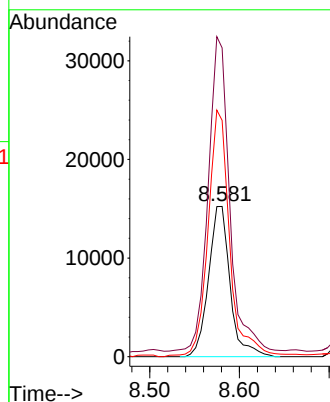
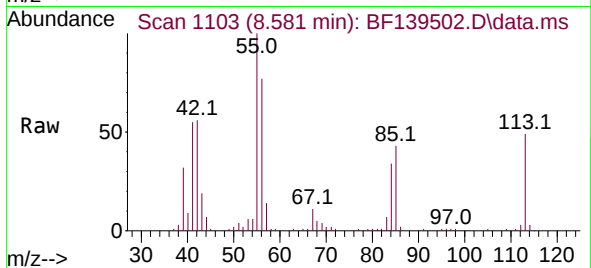
Tgt Ion:113	Resp:	25398
Ion Ratio	Lower	Upper
113	100	
55	205.5	186.1 226.1
56	157.2	144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 17.202 ng

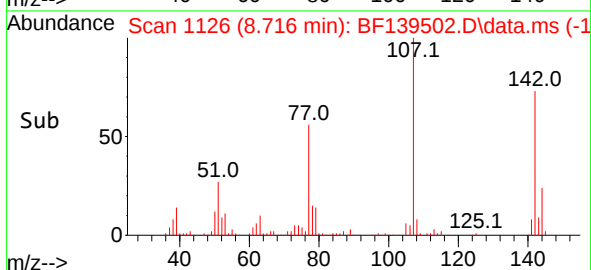
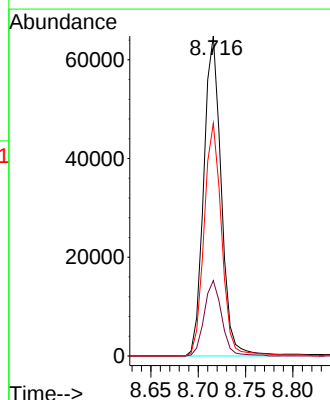
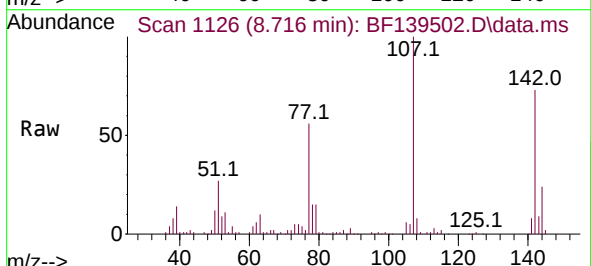
RT: 8.716 min Scan# 1126

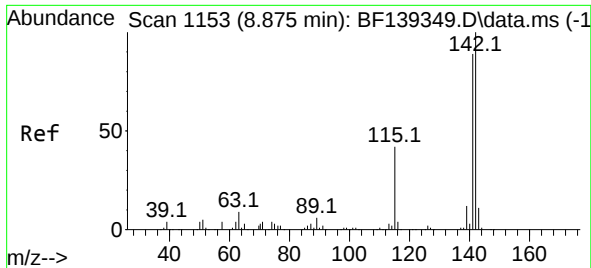
Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:107	Resp:	83612
Ion Ratio	Lower	Upper
107	100	
144	23.6	17.5 26.3
142	72.7	55.8 83.8





#37

2-Methylnaphthalene

Concen: 19.780 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:142 Resp: 195036

Ion Ratio Lower Upper

142 100

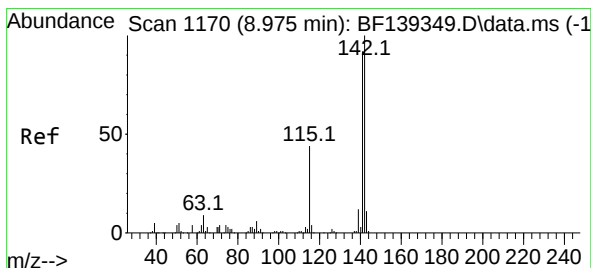
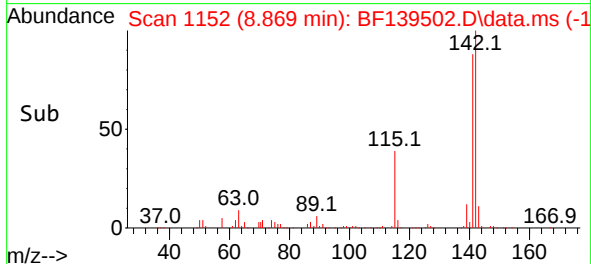
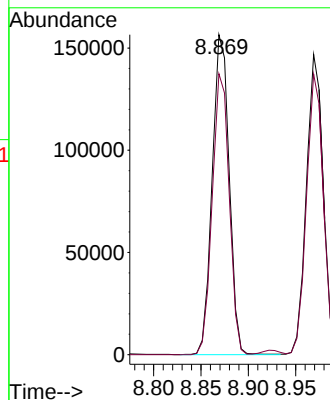
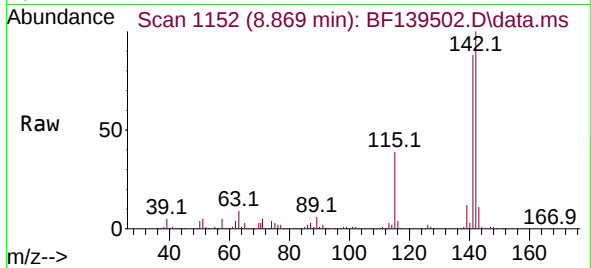
141 87.8 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 18.632 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139502.D

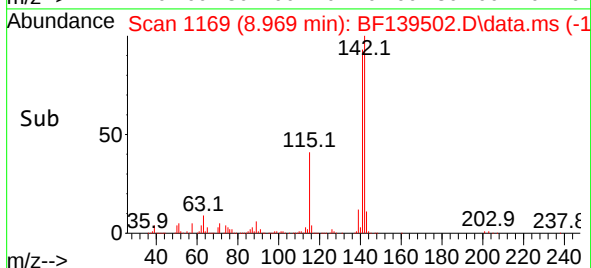
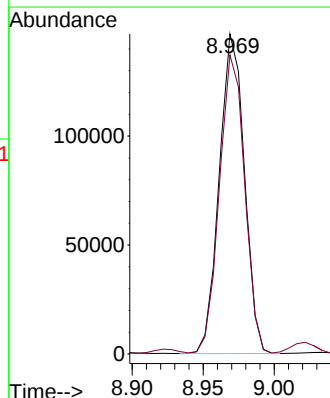
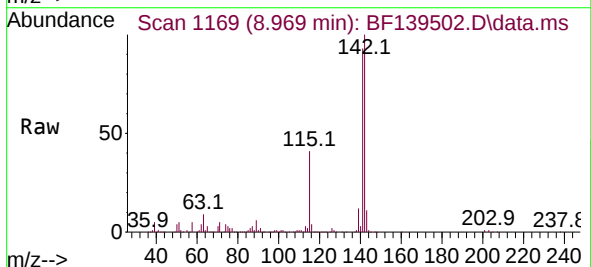
Acq: 20 Sep 2024 15:26

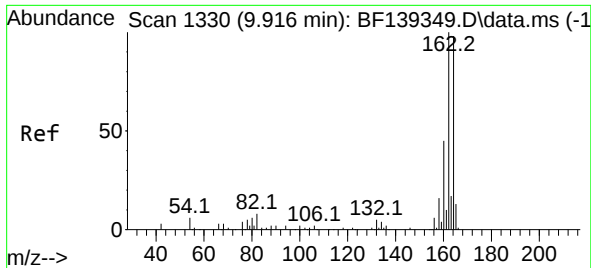
Tgt Ion:142 Resp: 180367

Ion Ratio Lower Upper

142 100

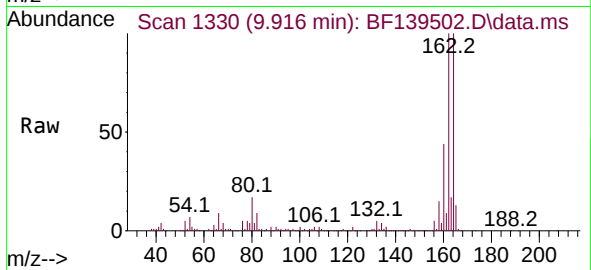
141 93.5 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

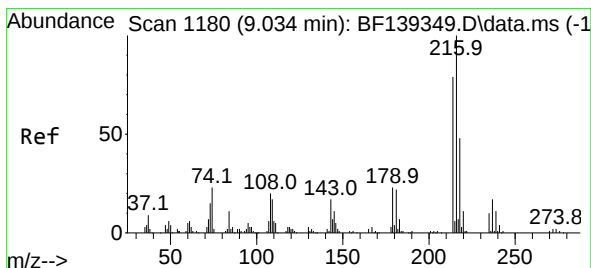
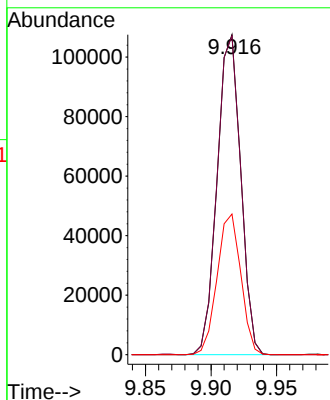
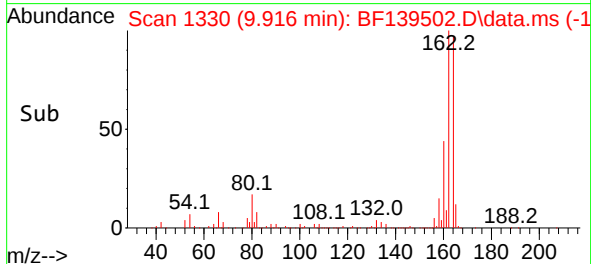
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:164 Resp: 13425
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 43.9 36.4 54.6

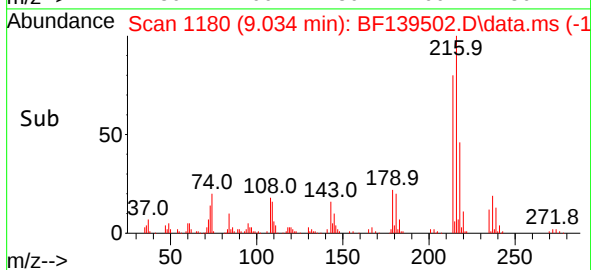
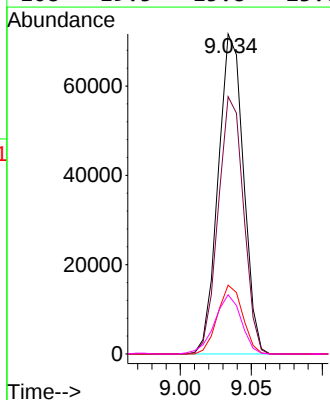
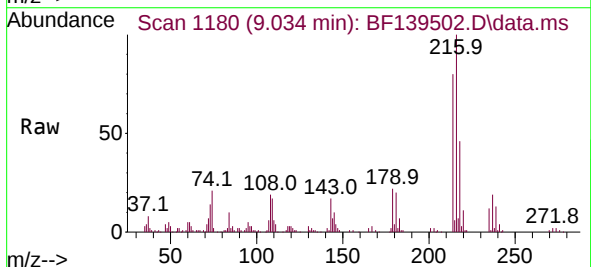
Manual Integrations
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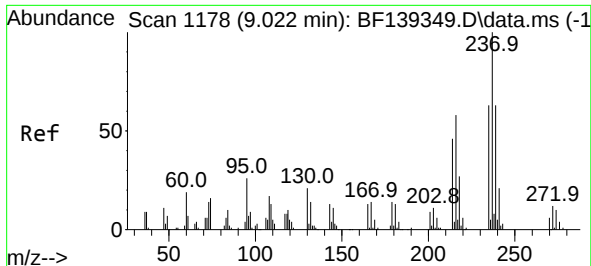
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.308 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

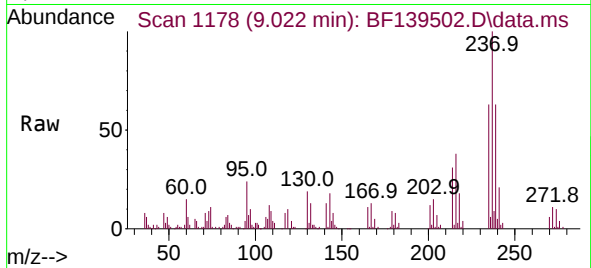
Tgt Ion:216 Resp: 88764
Ion Ratio Lower Upper
216 100
214 80.5 63.4 95.0
179 21.3 18.2 27.2
108 19.5 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 37.128 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

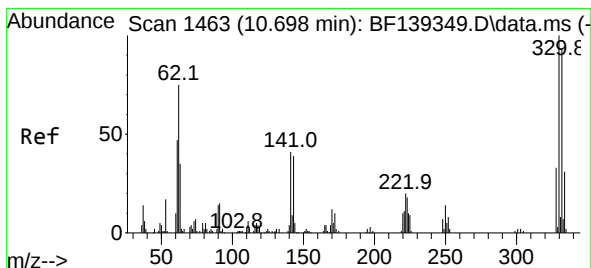
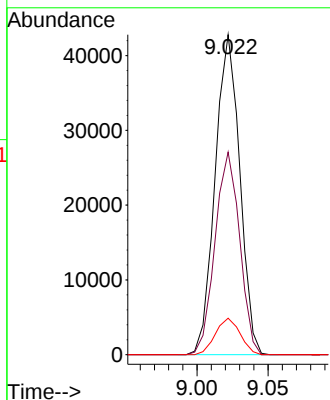
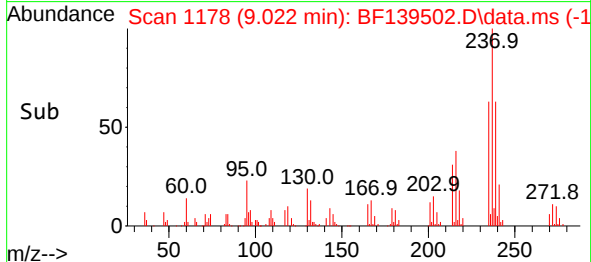
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



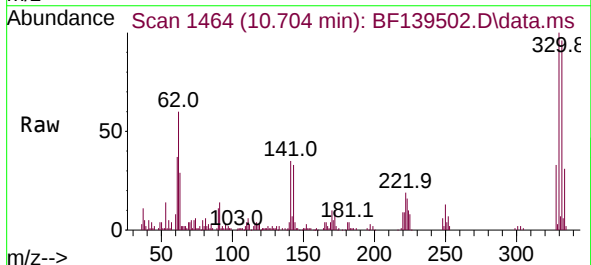
Tgt Ion: 237 Resp: 5158
Ion Ratio Lower Upper
237 100
235 63.3 42.7 82.7
272 11.4 0.0 32.5

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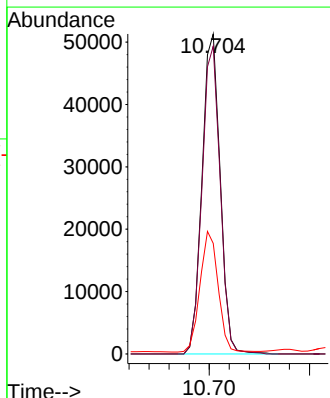
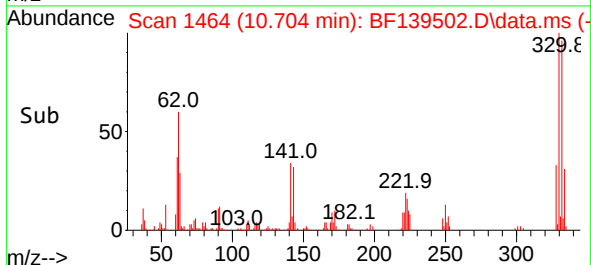
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024

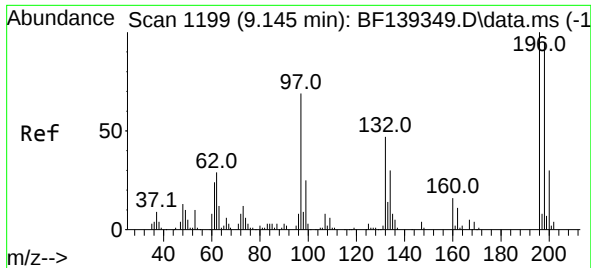


#42
2,4,6-Tribromophenol
Concen: 45.202 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion: 330 Resp: 64609
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 37.6 31.2 46.8





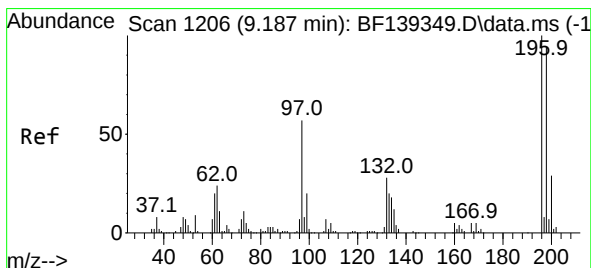
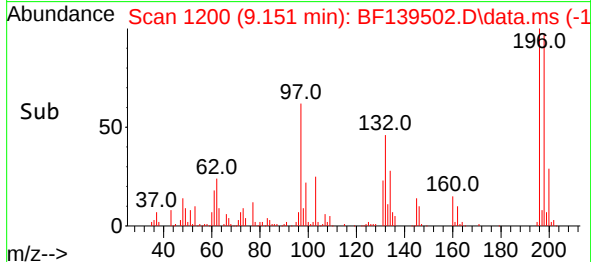
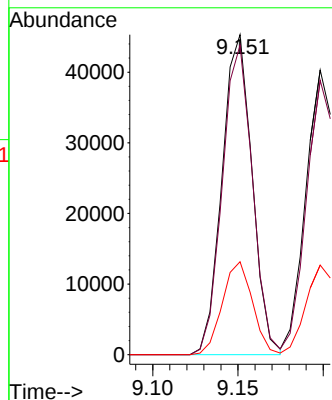
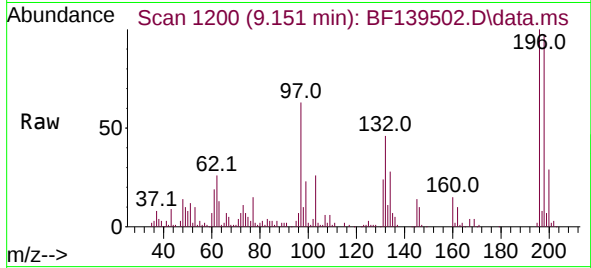
#43
2,4,6-Trichlorophenol
Concen: 21.537 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:196 Resp: 55752
Ion Ratio Lower Upper
196 100
198 96.7 75.8 113.6
200 29.0 24.1 36.1

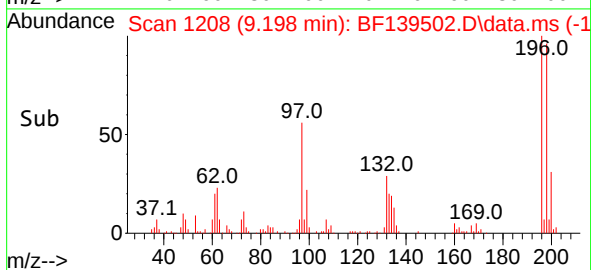
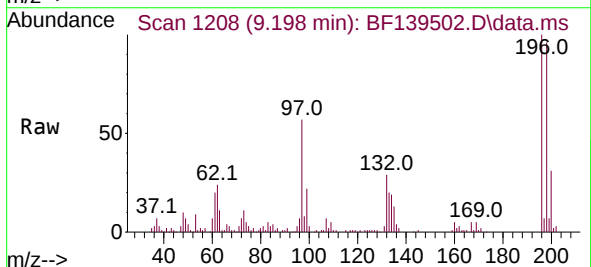
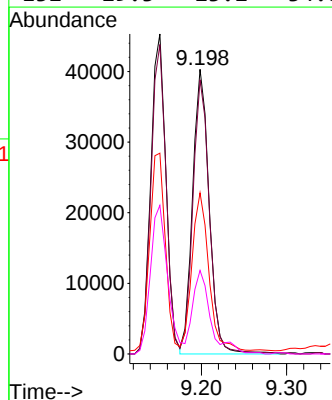
Manual Integrations
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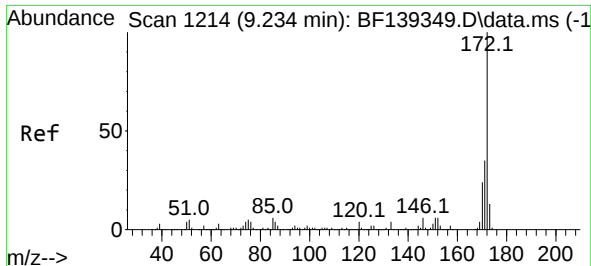
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#44
2,4,5-Trichlorophenol
Concen: 20.005 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

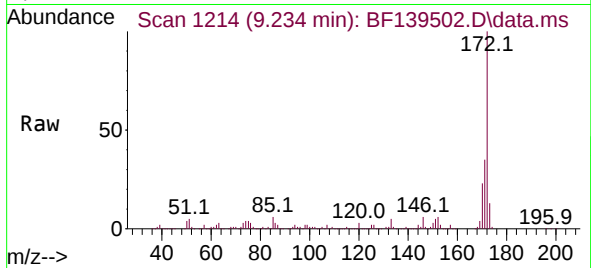
Tgt Ion:196 Resp: 54626
Ion Ratio Lower Upper
196 100
198 96.4 74.8 112.2
97 56.6 47.3 70.9
132 29.3 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 39.814 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

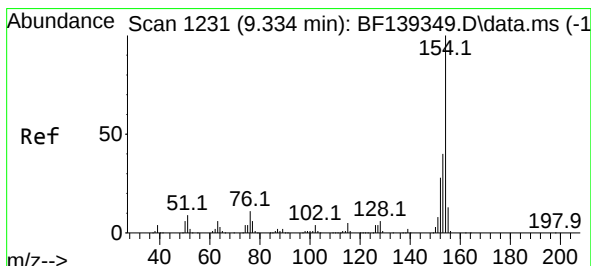
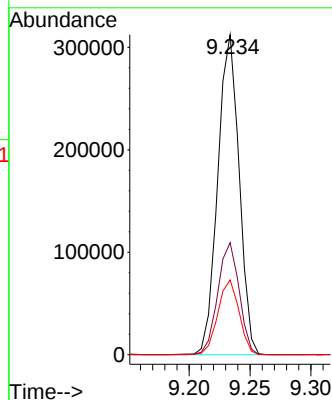
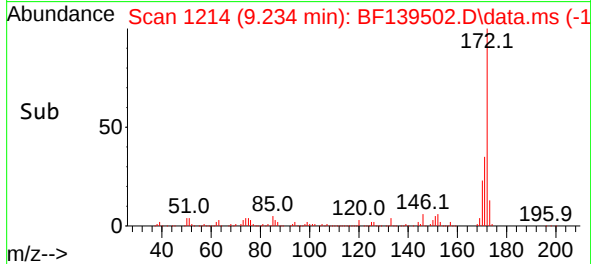
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



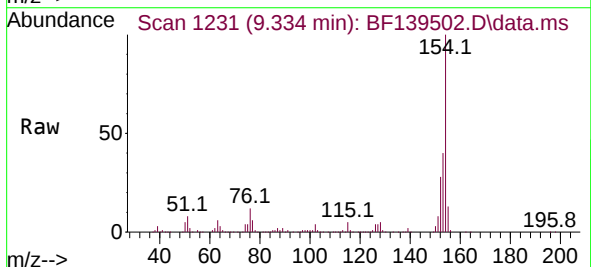
Tgt Ion:172 Resp: 38112
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations
APPROVED

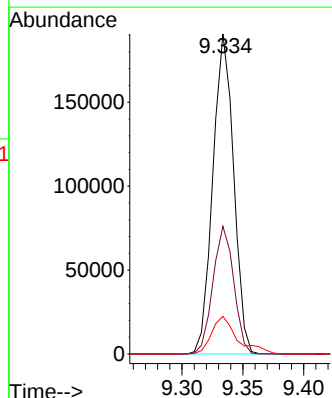
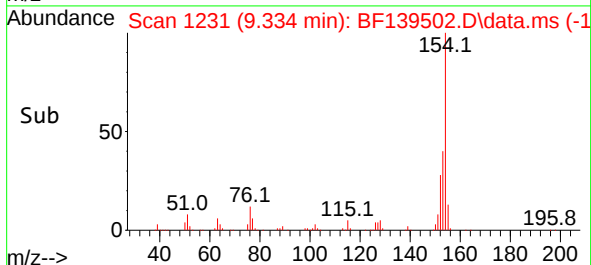
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

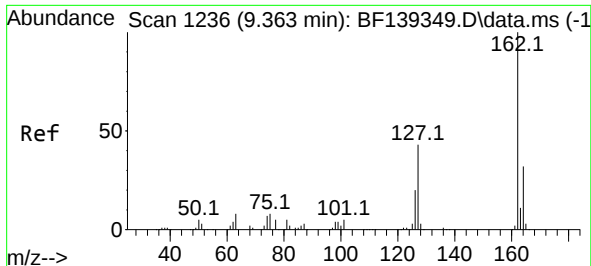


#46
1,1'-Biphenyl
Concen: 21.967 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion:154 Resp: 226888
Ion Ratio Lower Upper
154 100
153 39.9 20.1 60.1
76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.991 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion: 162 Resp: 16210

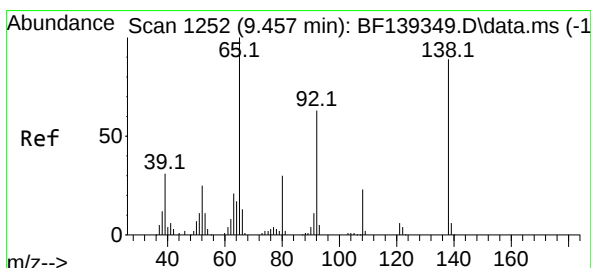
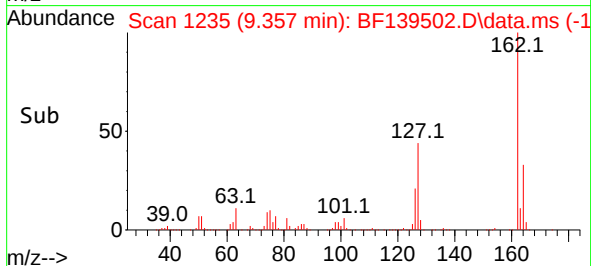
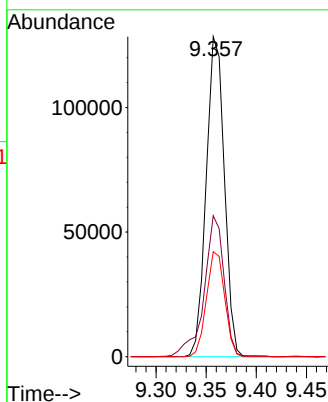
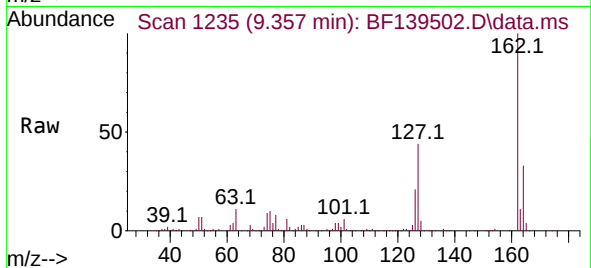
Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.0	52.4
164	32.8	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 20.823 ng

RT: 9.457 min Scan# 1252

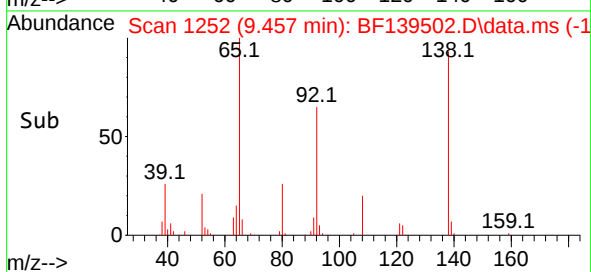
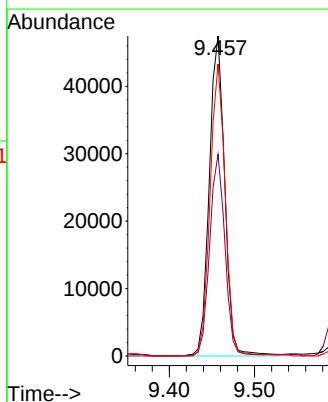
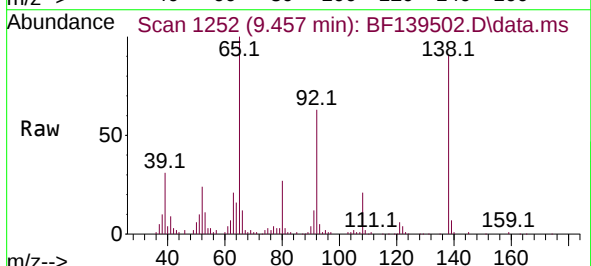
Delta R.T. -0.000 min

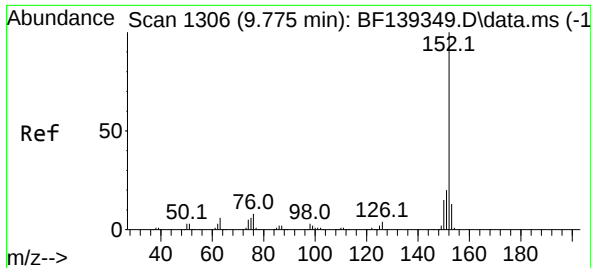
Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion: 65 Resp: 59814

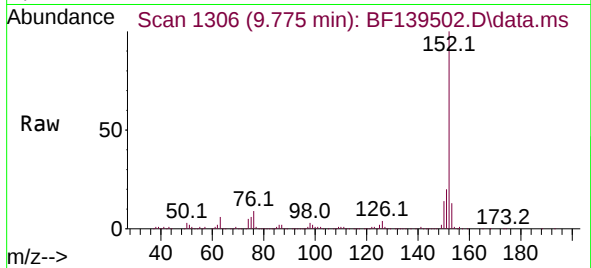
Ion	Ratio	Lower	Upper
65	100		
92	63.1	50.3	75.5
138	91.2	71.3	106.9





#49
Acenaphthylene
Concen: 22.321 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

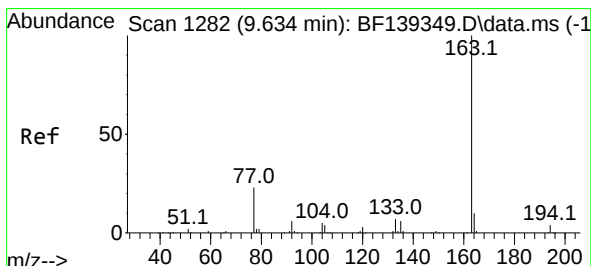
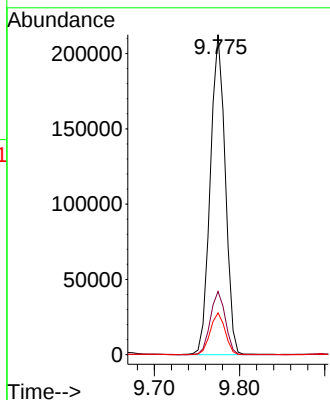
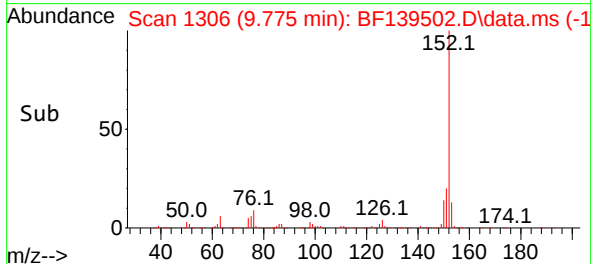
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



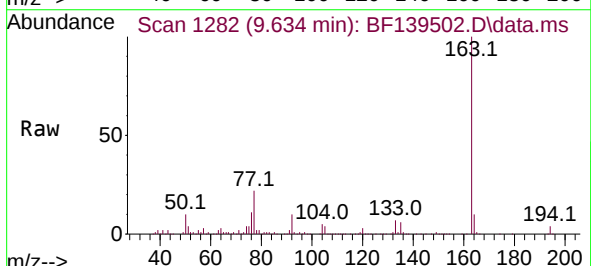
Tgt Ion:152 Resp: 25948
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.3 15.5

Manual Integrations
APPROVED

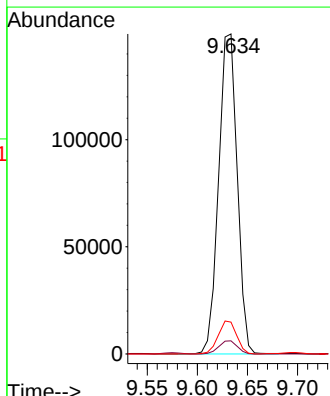
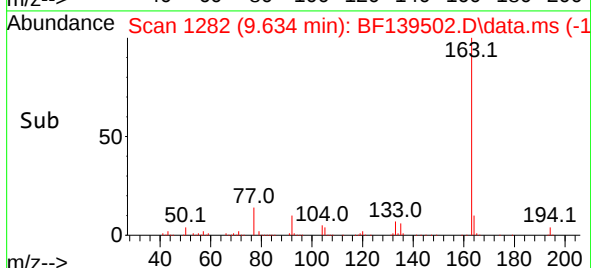
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

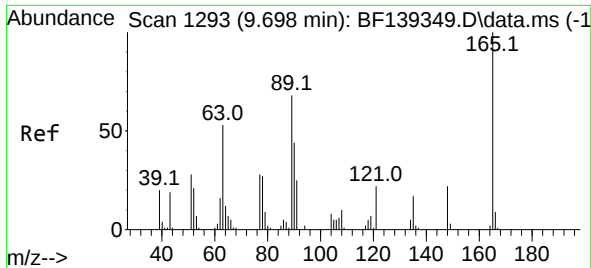


#50
Dimethylphthalate
Concen: 21.815 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



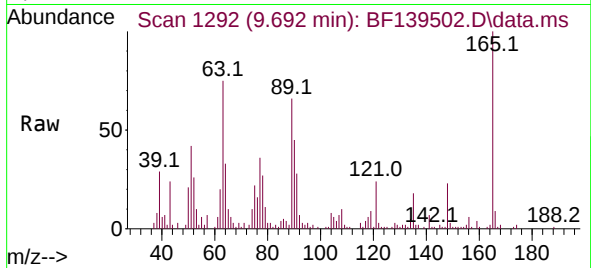
Tgt Ion:163 Resp: 192230
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.784 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

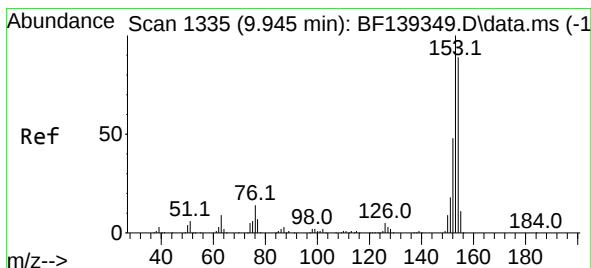
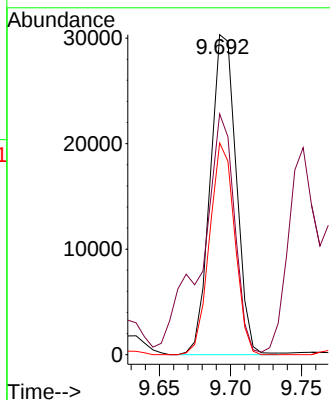
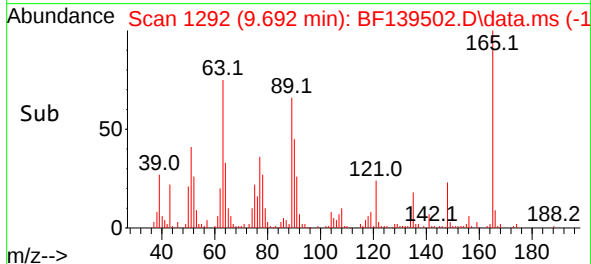
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:165 Resp: 3862
Ion Ratio Lower Upper
165 100
63 75.2 60.9 91.3
89 66.2 54.7 82.1

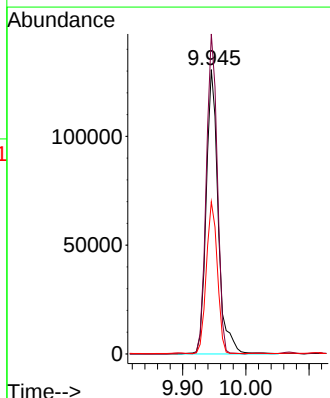
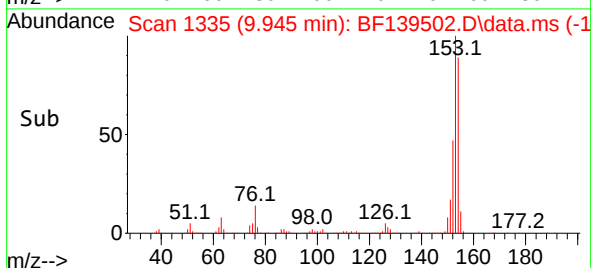
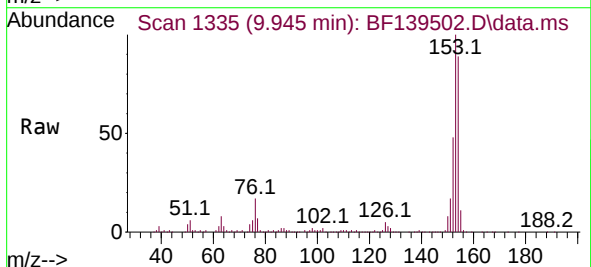
Manual Integrations
APPROVED

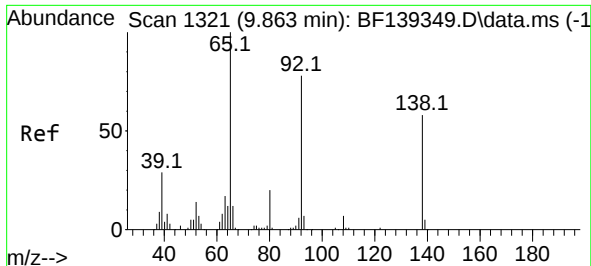
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 21.234 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

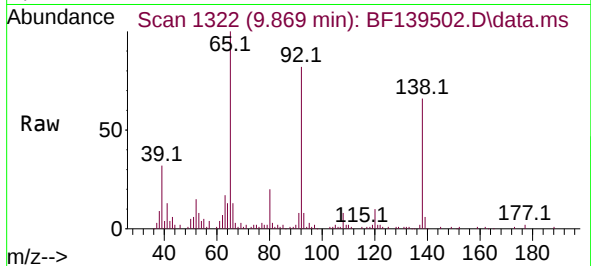
Tgt Ion:154 Resp: 172282
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 17.882 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

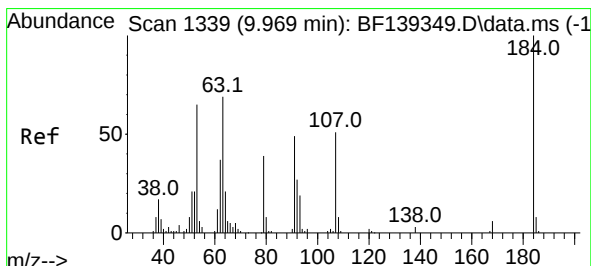
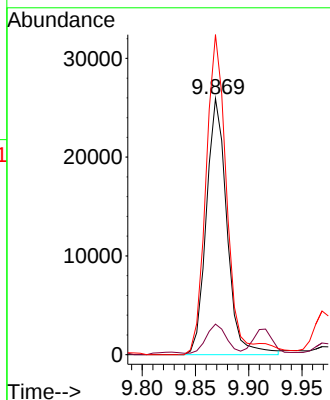
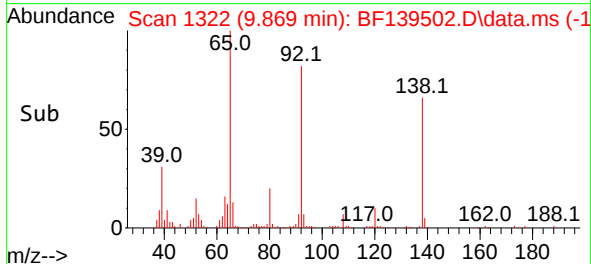
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:138 Resp: 3488
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.8
92 124.9 107.4 161.2

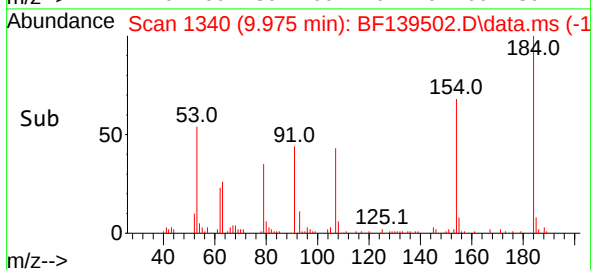
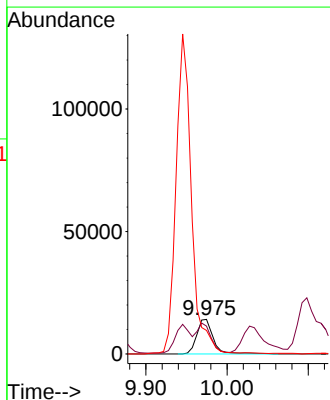
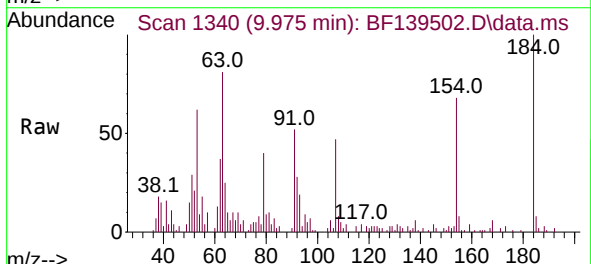
Manual Integrations
APPROVED

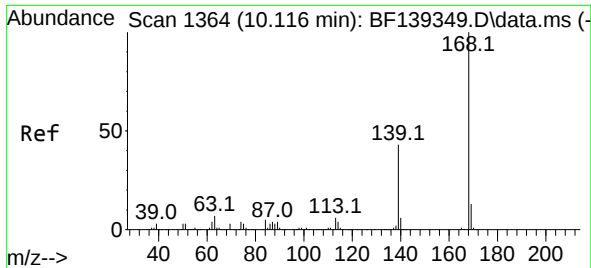
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 18.190 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

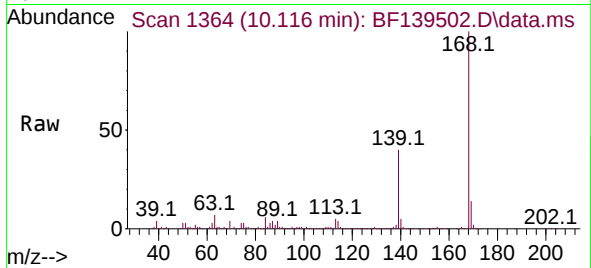
Tgt Ion:184 Resp: 19786
Ion Ratio Lower Upper
184 100
63 80.5 69.3 103.9
154 68.4 67.5 101.3





#55
Dibenzofuran
Concen: 20.655 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

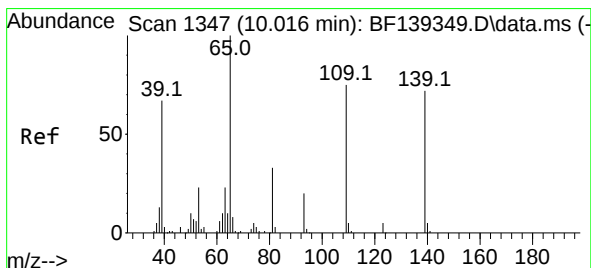
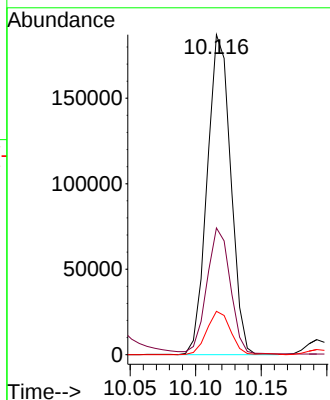
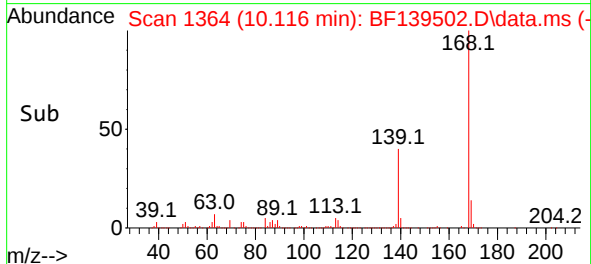
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:168 Resp: 23358
Ion Ratio Lower Upper
168 100
139 39.6 34.1 51.1
169 13.6 10.5 15.7

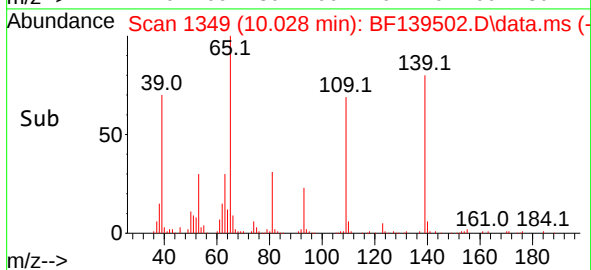
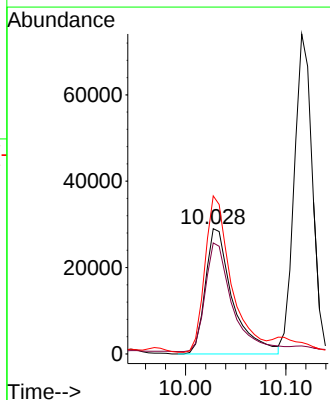
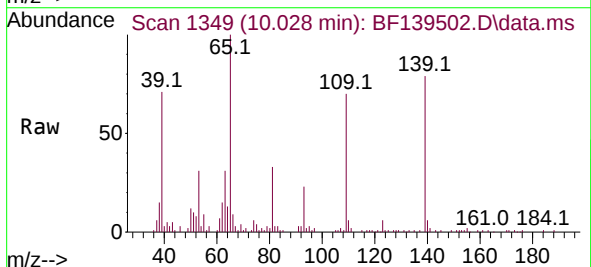
Manual Integrations
APPROVED

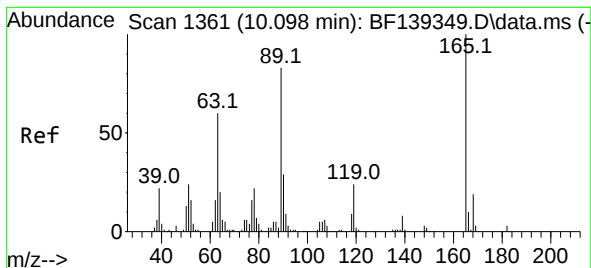
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 34.191 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:139 Resp: 55194
Ion Ratio Lower Upper
139 100
109 88.6 84.1 124.1
65 126.1 120.0 160.0





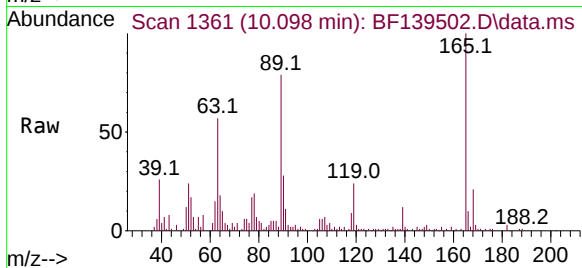
#57
2,4-Dinitrotoluene
Concen: 18.502 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS



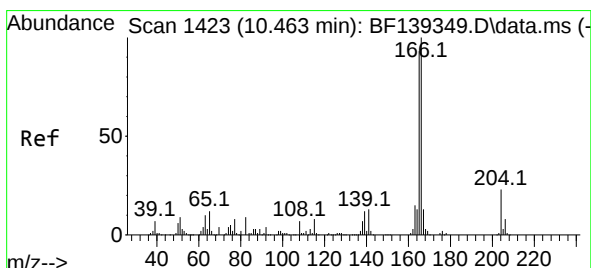
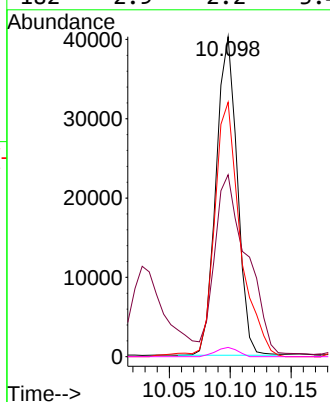
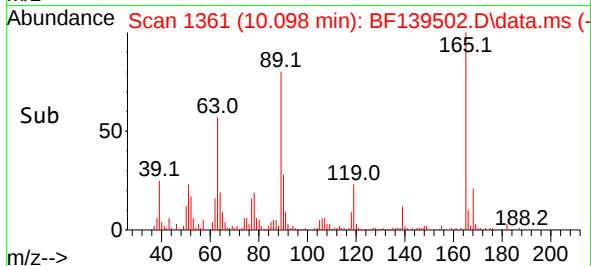
Tgt Ion:165 Resp: 4876
Ion Ratio Lower Upper
165 100
63 56.9 47.8 71.6
89 79.5 66.7 100.1
182 2.9 2.2 3.4

Manual Integrations

APPROVED

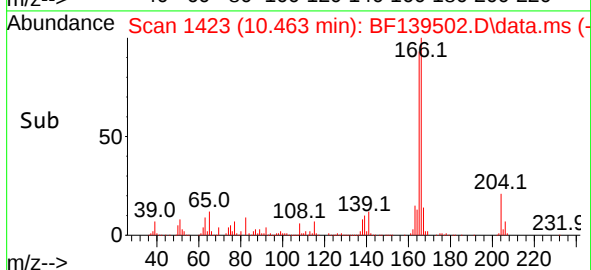
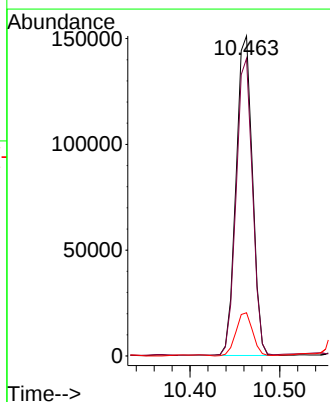
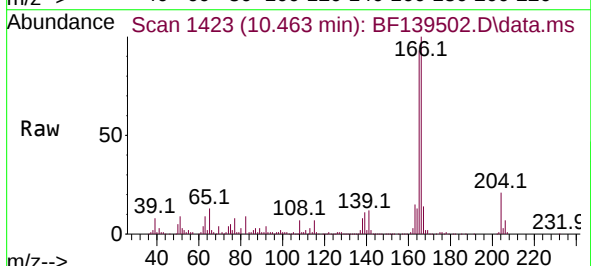
Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#58
Fluorene
Concen: 20.752 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

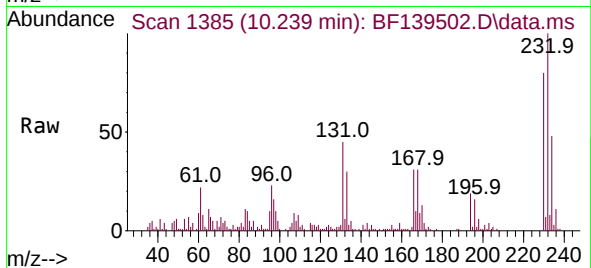
Tgt Ion:166 Resp: 191479
Ion Ratio Lower Upper
166 100
165 93.0 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.459 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

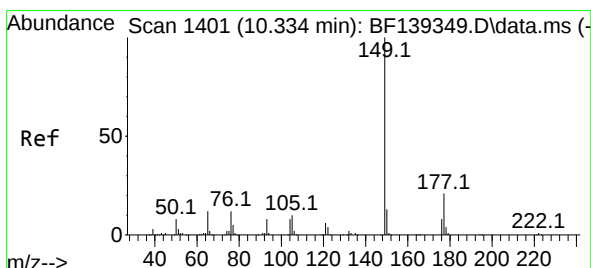
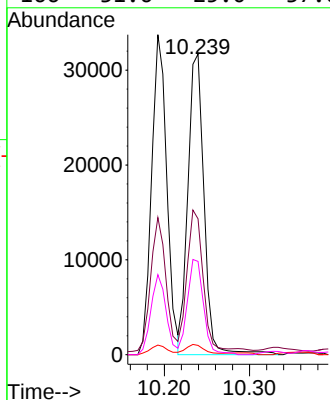
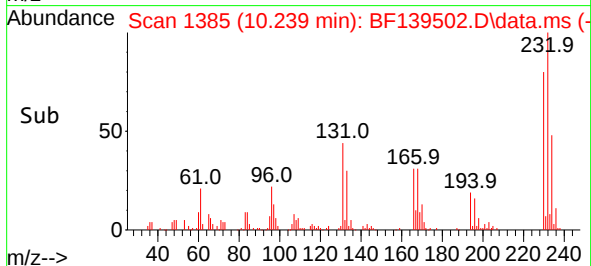
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:232 Resp: 4169
Ion Ratio Lower Upper
232 100
131 44.6 40.7 61.1
130 3.0 2.2 3.2
166 31.6 25.0 37.6

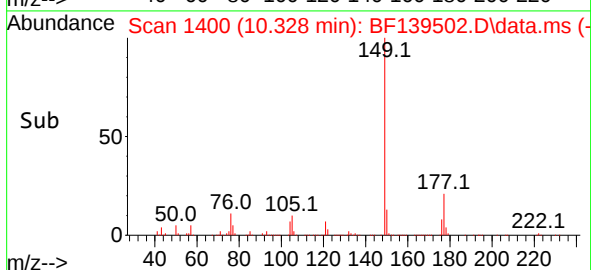
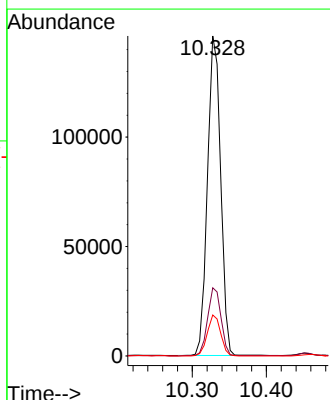
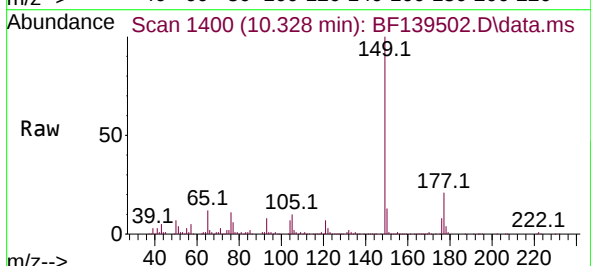
Manual Integrations
APPROVED

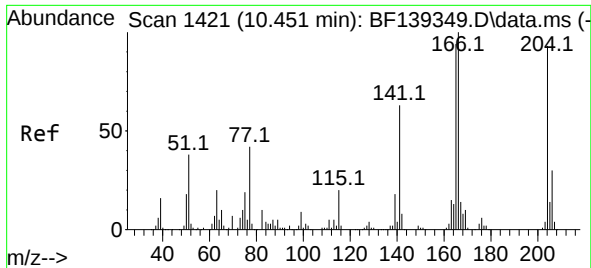
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 19.819 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

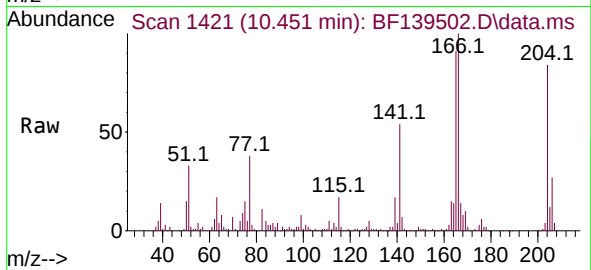
Tgt Ion:149 Resp: 180222
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 18.897 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

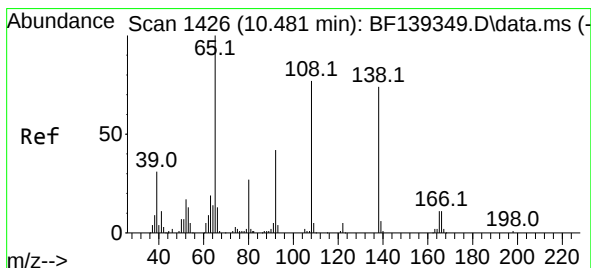
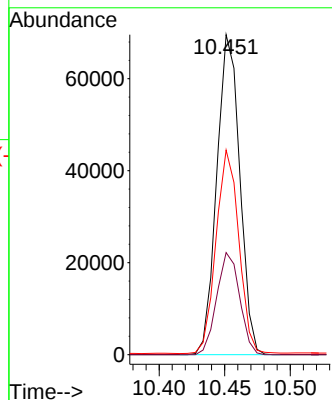
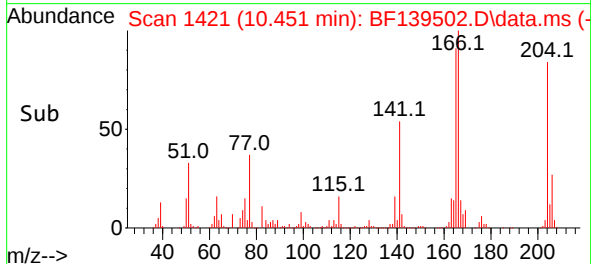
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:204 Resp: 84735
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 63.9 53.9 80.9

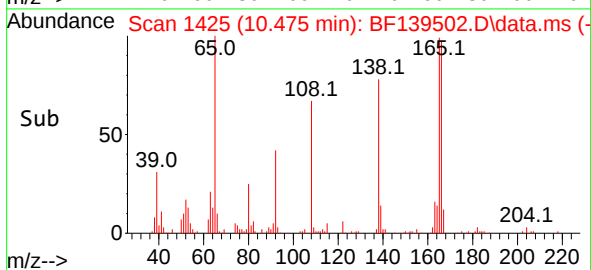
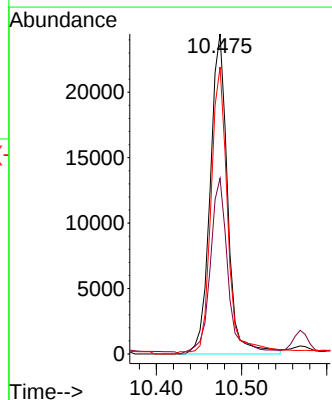
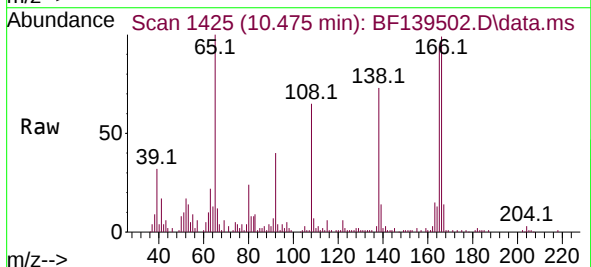
Manual Integrations
APPROVED

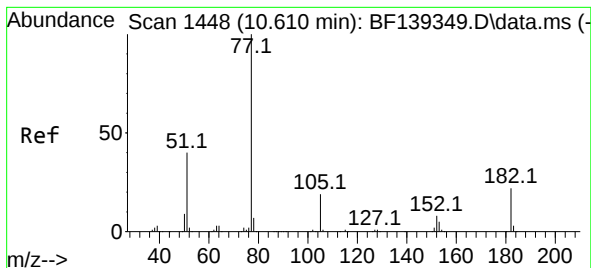
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 16.334 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

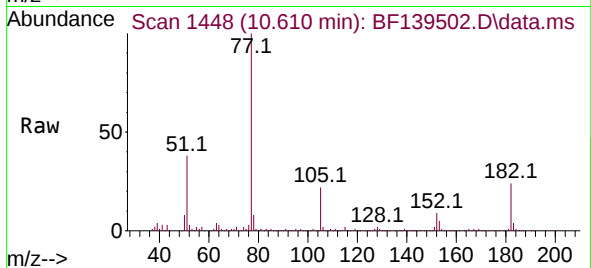
Tgt Ion:138 Resp: 34778
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 89.6 84.4 124.4





#63
Azobenzene
Concen: 21.556 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

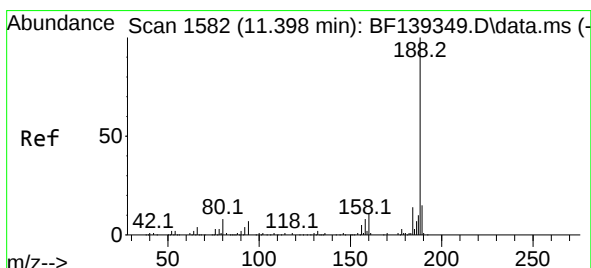
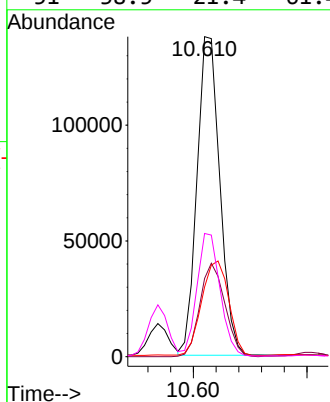
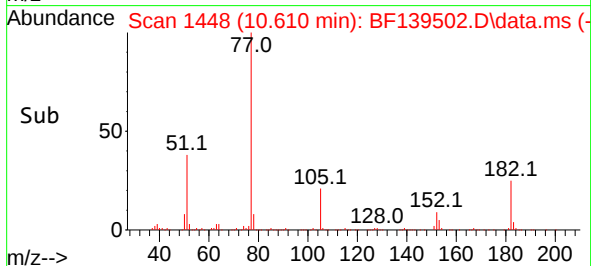
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion: 77 Resp: 192798
Ion Ratio Lower Upper
77 100
182 24.4 1.8 41.8
105 21.8 0.0 38.6
51 38.5 21.4 61.4

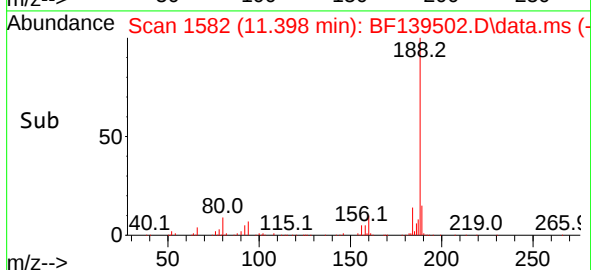
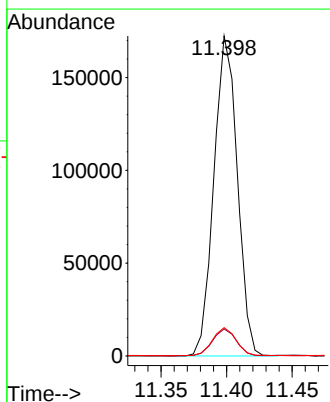
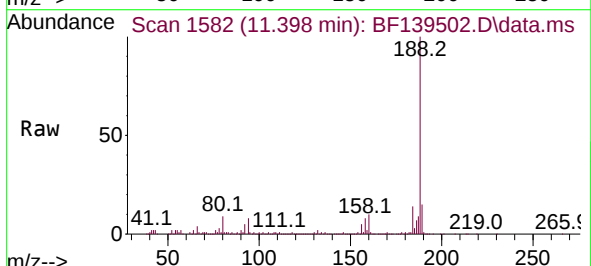
Manual Integrations
APPROVED

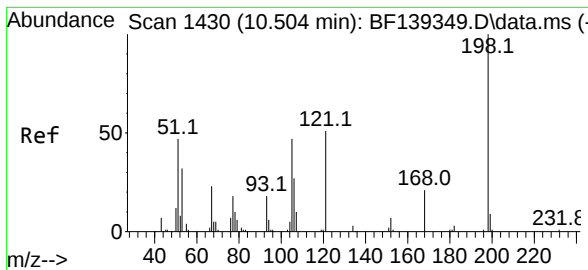
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

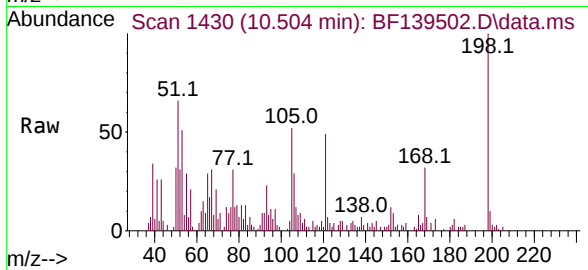
Tgt Ion:188 Resp: 214374
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 8.8 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 11.520 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

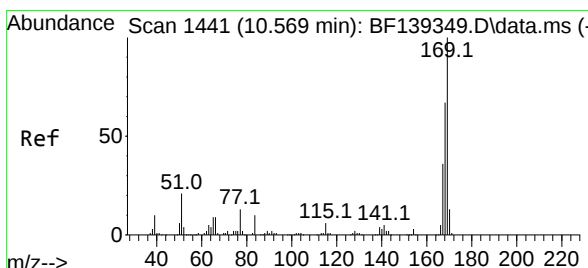
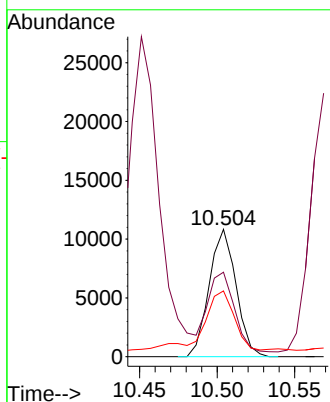
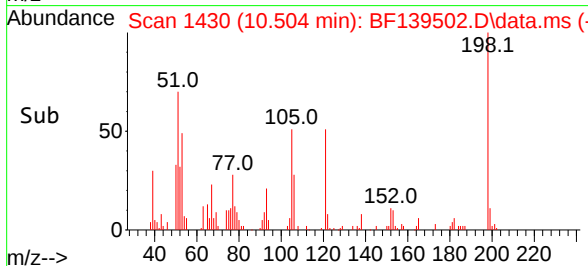
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:198 Resp: 13034
Ion Ratio Lower Upper
198 100
51 66.4 50.4 90.4
105 51.7 28.3 68.3

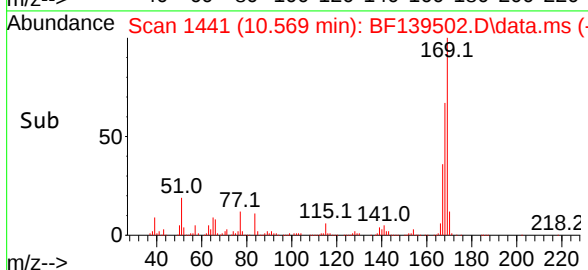
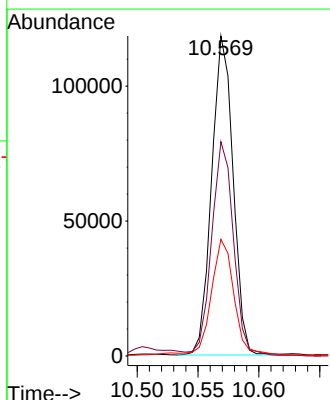
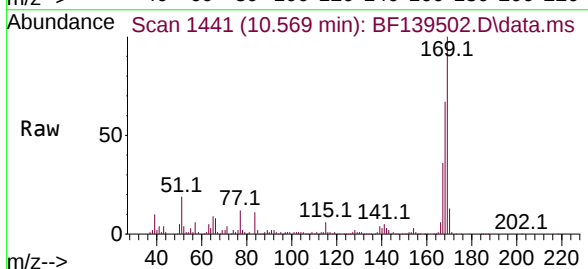
Manual Integrations
APPROVED

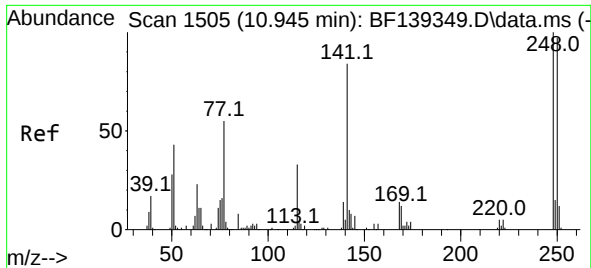
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 23.113 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

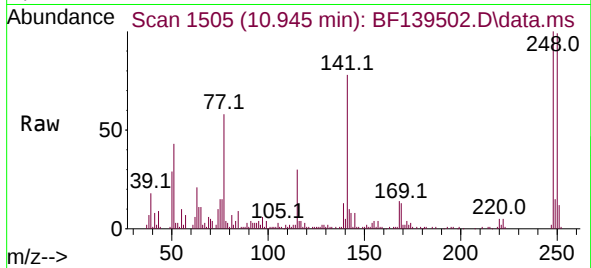
Tgt Ion:169 Resp: 144865
Ion Ratio Lower Upper
169 100
168 66.9 53.6 80.4
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 22.047 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

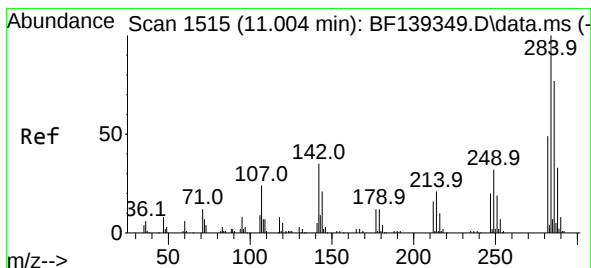
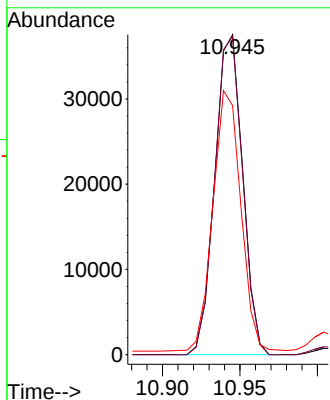
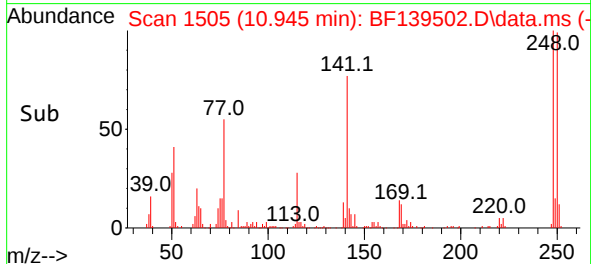
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



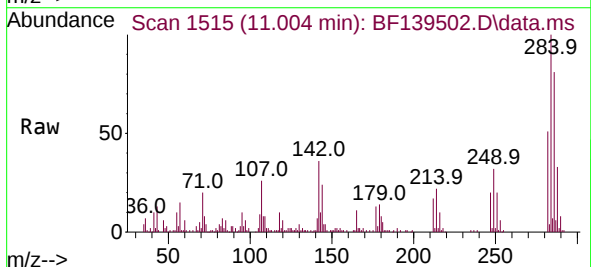
Tgt Ion:248 Resp: 4683
Ion Ratio Lower Upper
248 100
250 99.5 77.6 116.4
141 77.9 66.9 100.3

Manual Integrations
APPROVED

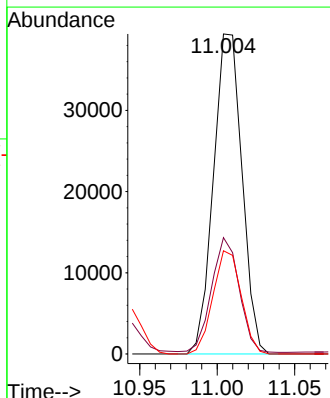
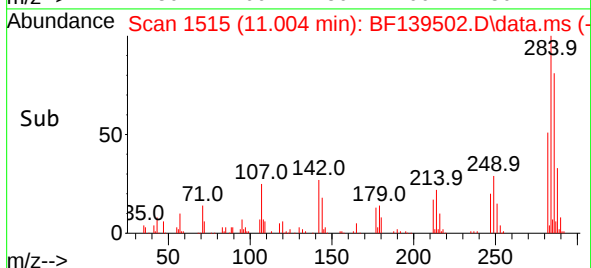
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 20.268 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion:284 Resp: 50534
Ion Ratio Lower Upper
284 100
142 36.4 28.0 42.0
249 32.2 25.3 37.9





#69

Atrazine

Concen: 27.710 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:200 Resp: 4134

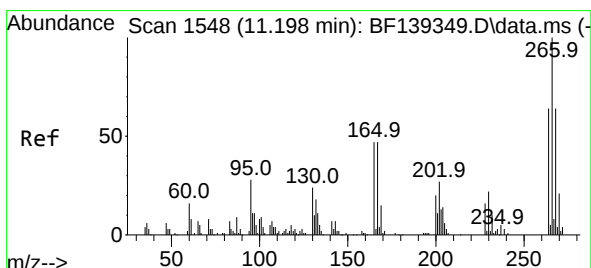
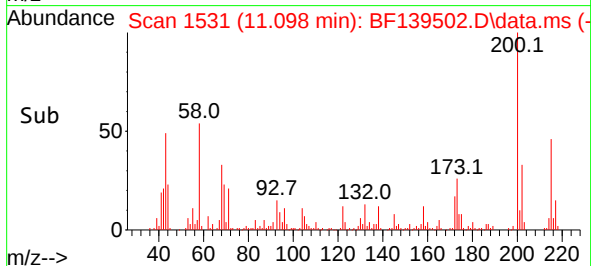
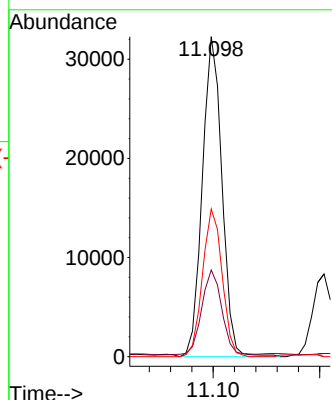
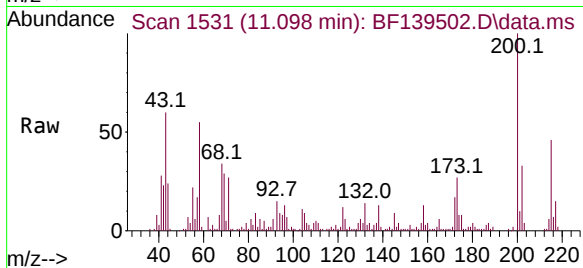
Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.1	46.1
215	46.1	28.2	68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 37.165 ng

RT: 11.204 min Scan# 1549

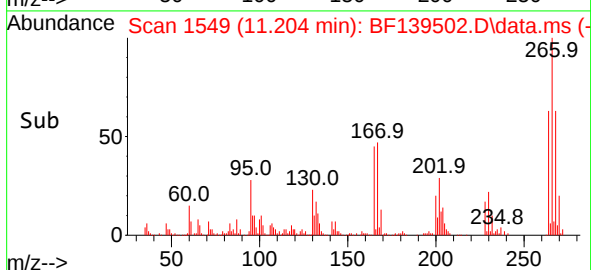
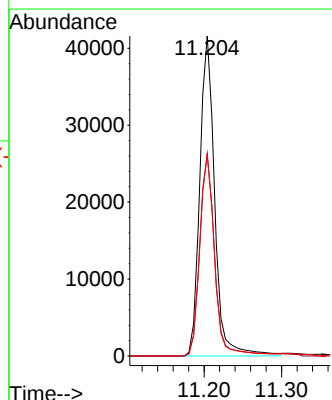
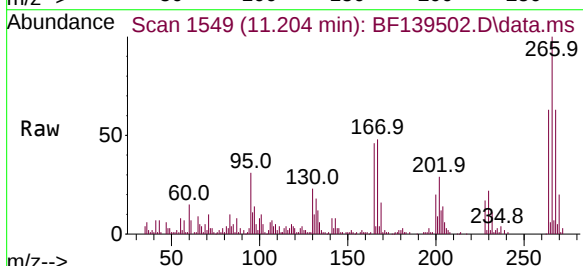
Delta R.T. 0.006 min

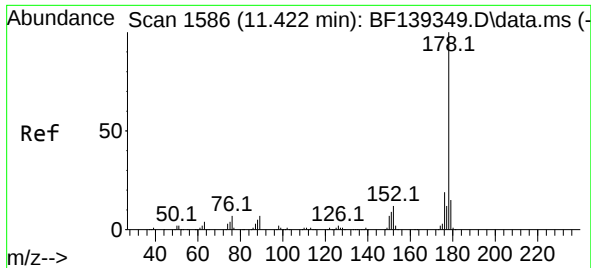
Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:266 Resp: 55600

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	62.6	51.4	77.0





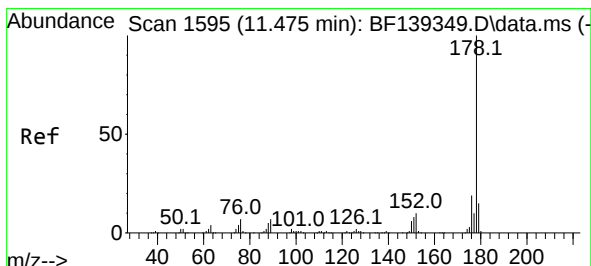
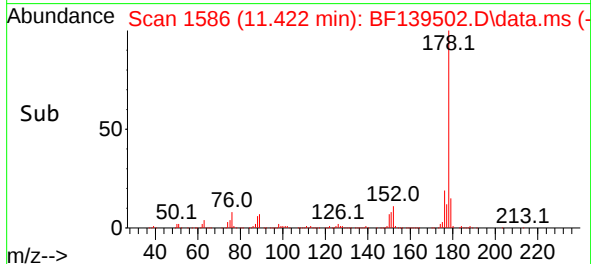
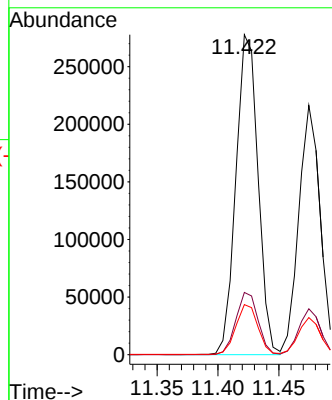
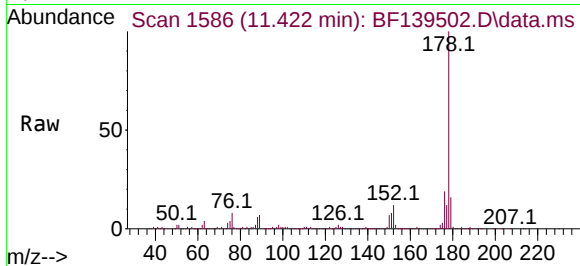
#71
Phenanthrene
Concen: 34.028 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:178 Resp: 35194
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.7 12.2 18.4

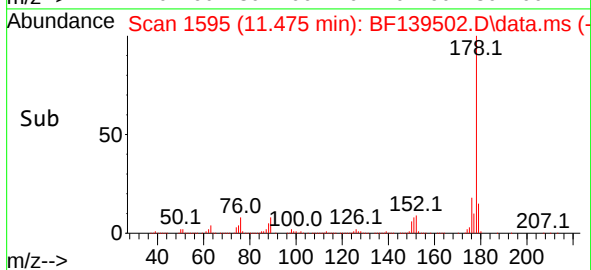
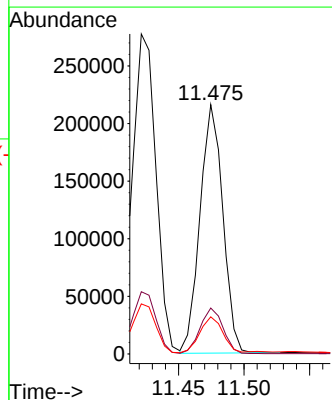
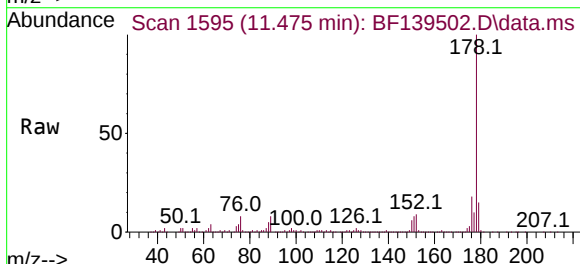
Manual Integrations
APPROVED

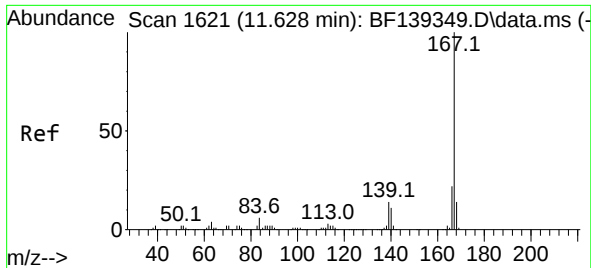
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#72
Anthracene
Concen: 25.930 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

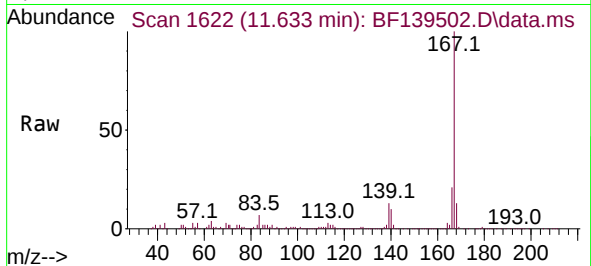
Tgt Ion:178 Resp: 262215
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 14.9 12.0 18.0





#73
 Carbazole
 Concen: 23.135 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26

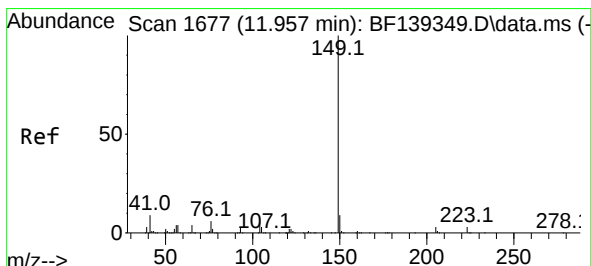
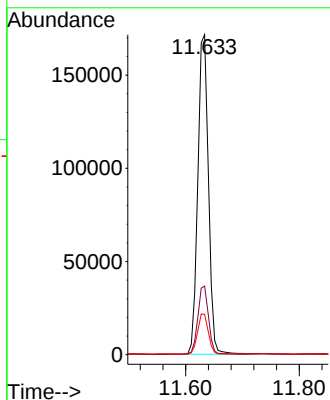
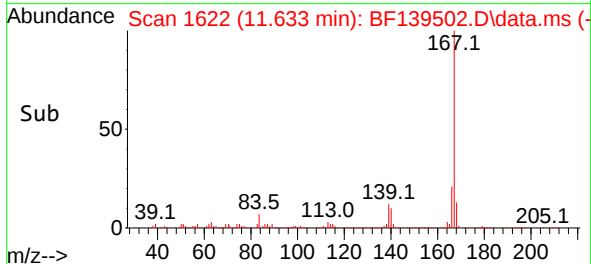
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-09192024MS



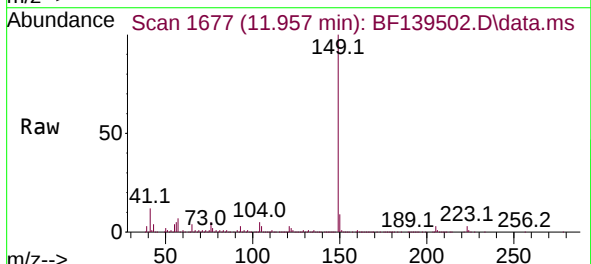
Tgt Ion:167 Resp: 223910
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 12.6 10.9 16.3

Manual Integrations
 APPROVED

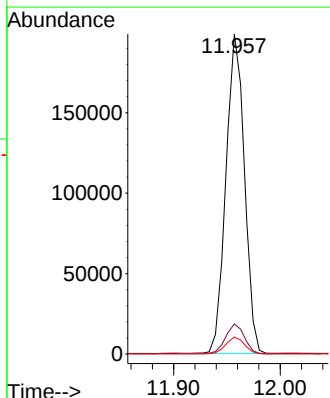
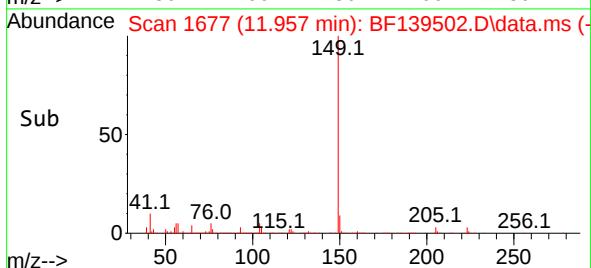
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

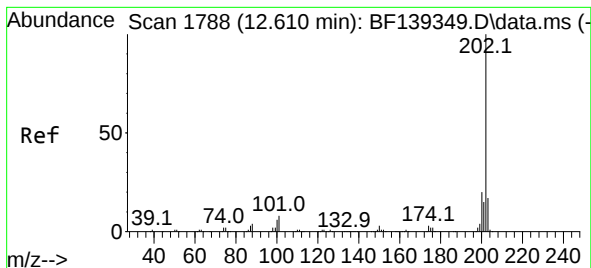


#74
 Di-n-butylphthalate
 Concen: 22.270 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139502.D
 Acq: 20 Sep 2024 15:26



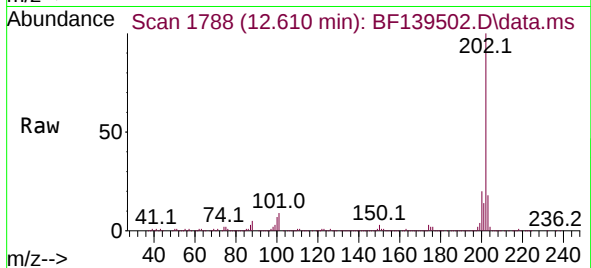
Tgt Ion:149 Resp: 240098
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 36.778 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

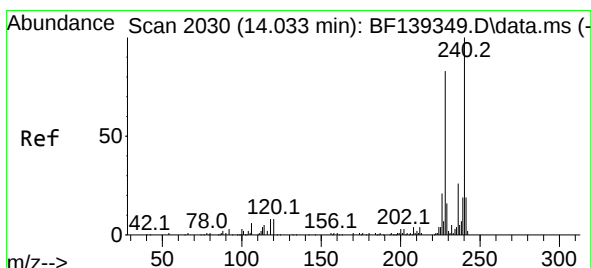
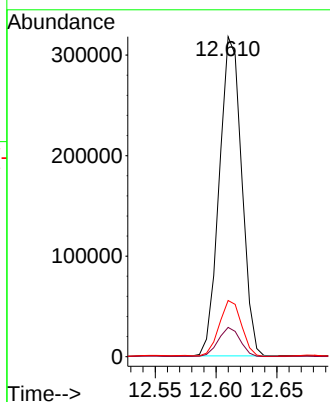
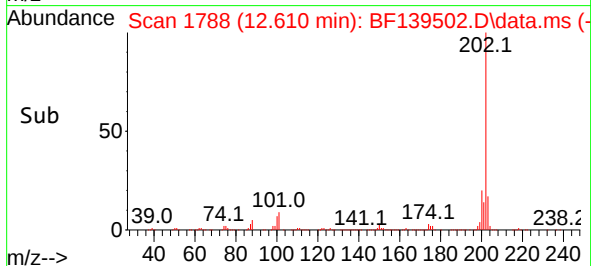
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



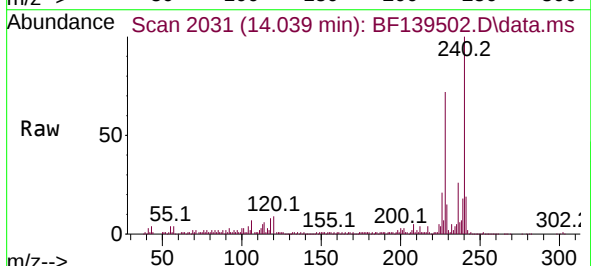
Tgt Ion:202 Resp: 40621
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.5 0.0 37.4

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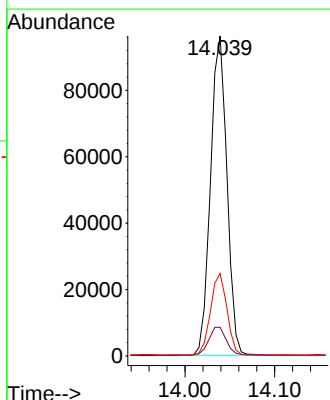
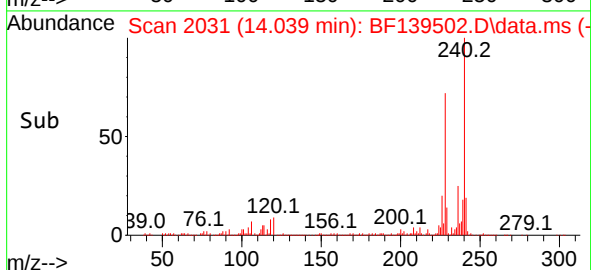
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

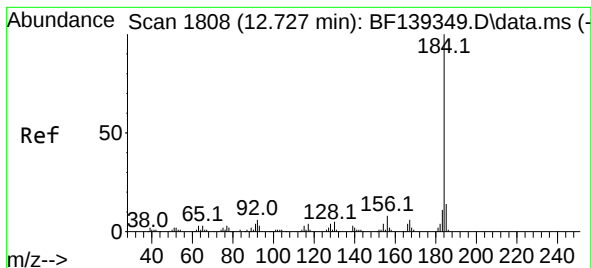


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26



Tgt Ion:240 Resp: 122209
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 25.7 20.9 31.3





#77

Benzidine

Concen: 9.313 ng m

RT: 12.745 min Scan# 1811

Delta R.T. 0.018 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:184 Resp: 16300

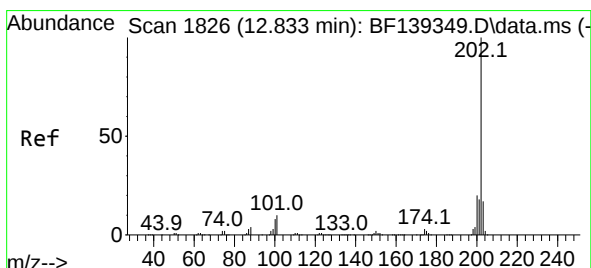
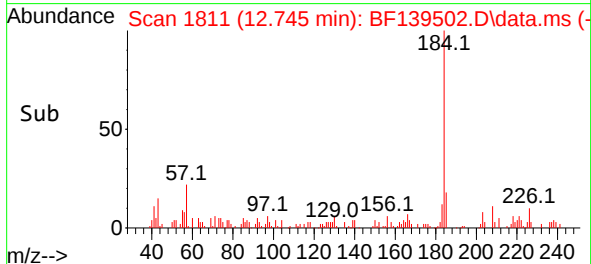
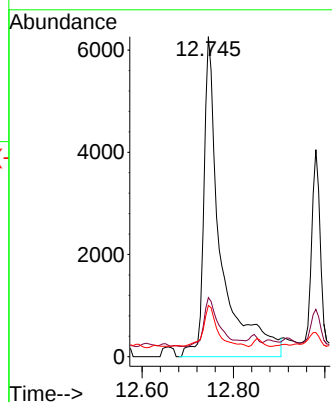
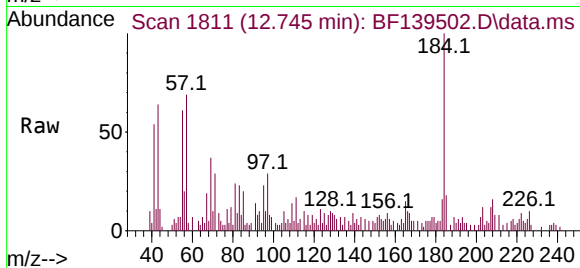
Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.5	17.3
183	16.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 39.386 ng

RT: 12.839 min Scan# 1827

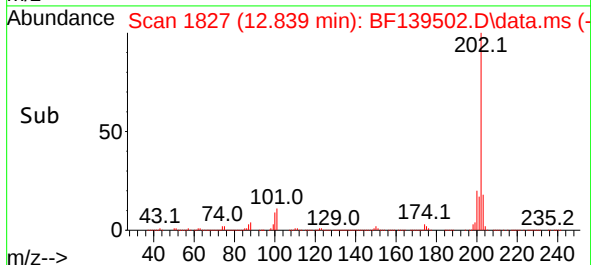
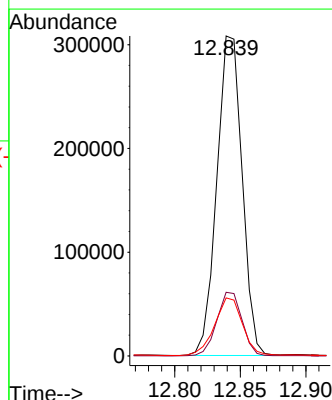
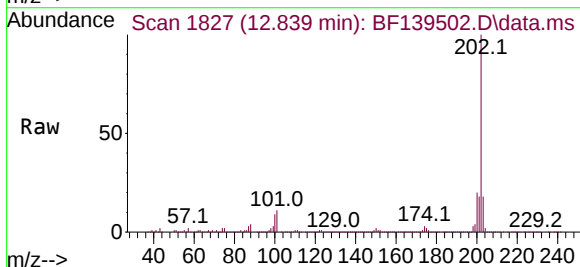
Delta R.T. 0.006 min

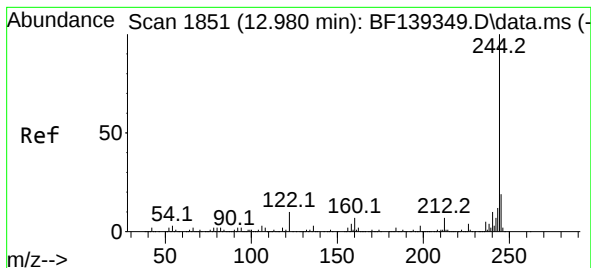
Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:202 Resp: 413294

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.2
203	18.2	13.9	20.9





#79

Terphenyl-d14

Concen: 43.215 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139502.D

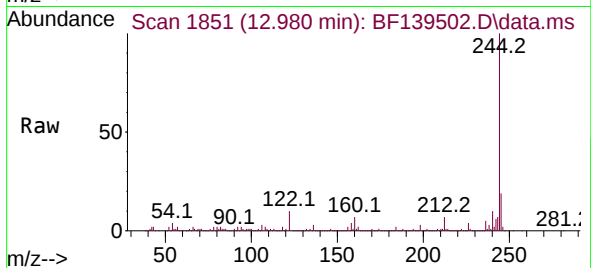
Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS



Tgt Ion:244 Resp: 32175

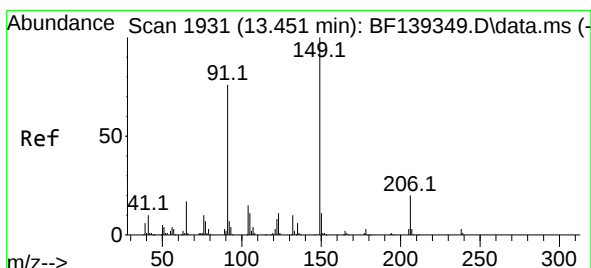
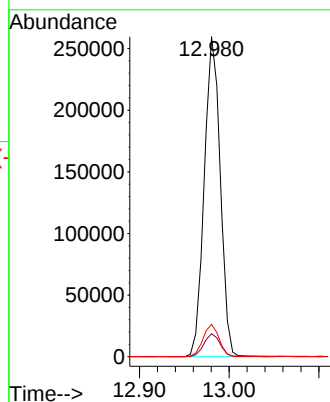
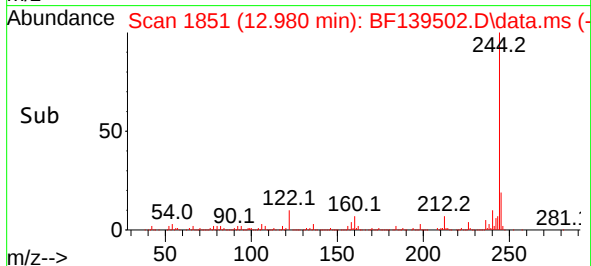
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.1	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 26.944 ng

RT: 13.457 min Scan# 1932

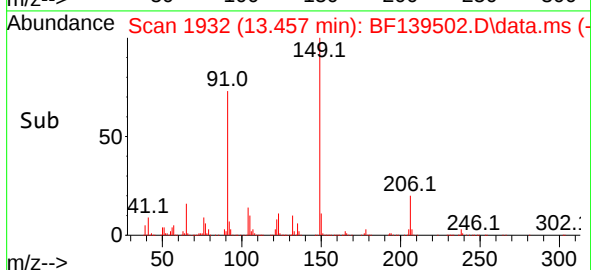
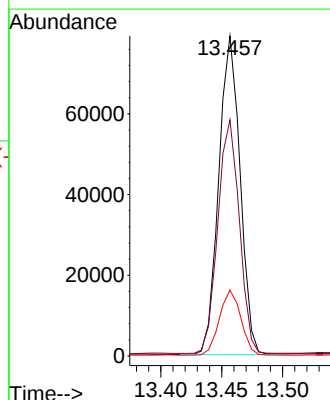
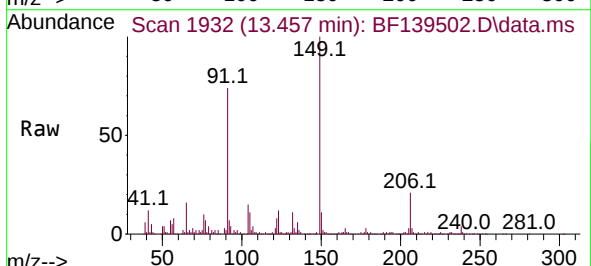
Delta R.T. 0.006 min

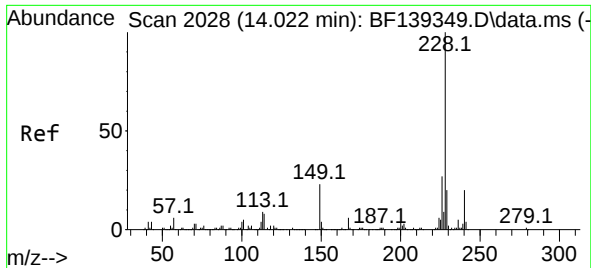
Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Tgt Ion:149 Resp: 96236

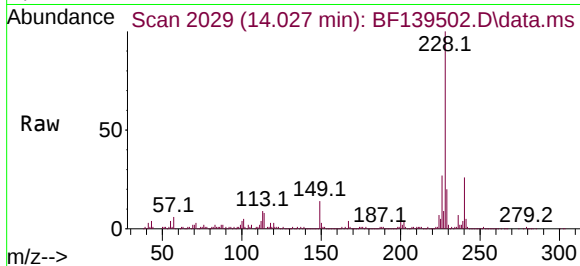
Ion	Ratio	Lower	Upper
149	100		
91	73.8	60.9	91.3
206	20.6	15.8	23.8





#81
Benzo(a)anthracene
Concen: 28.927 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

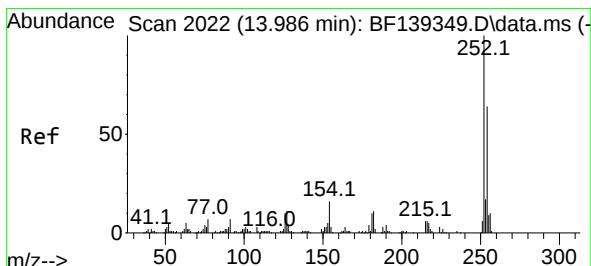
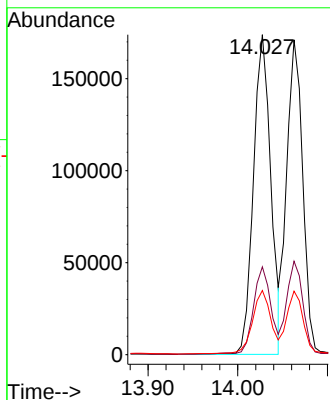
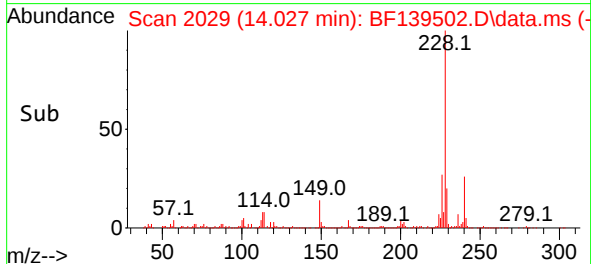
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:228 Resp: 23416
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.1 15.7 23.5

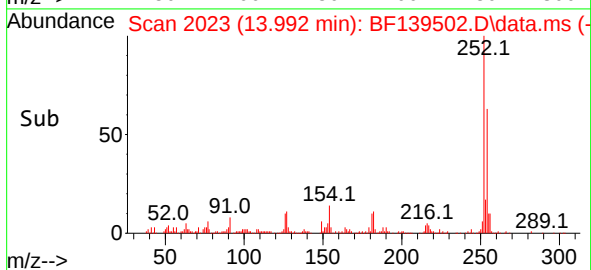
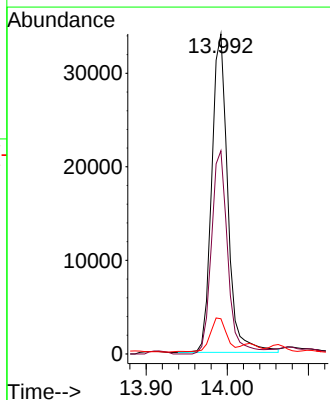
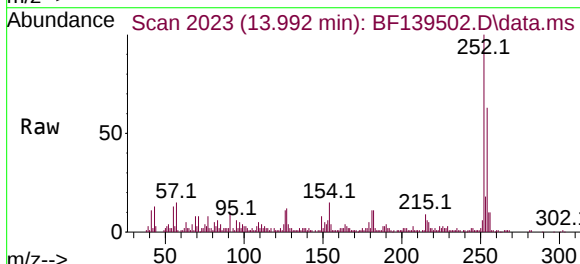
Manual Integrations
APPROVED

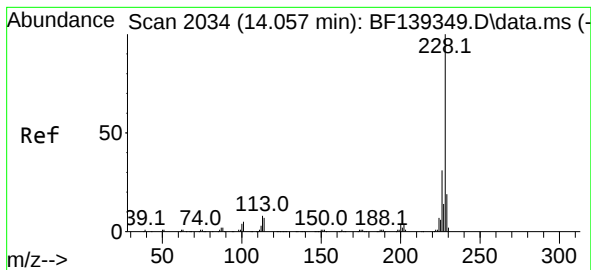
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 19.741 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:252 Resp: 46800
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 11.0 7.7 11.5





#83

Chrysene

Concen: 28.421 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

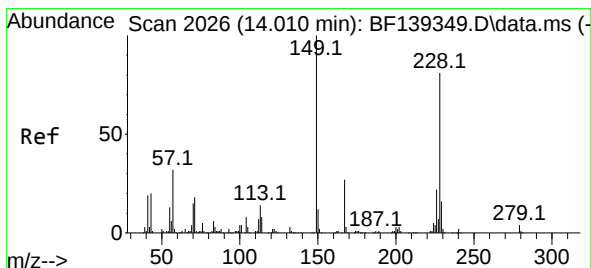
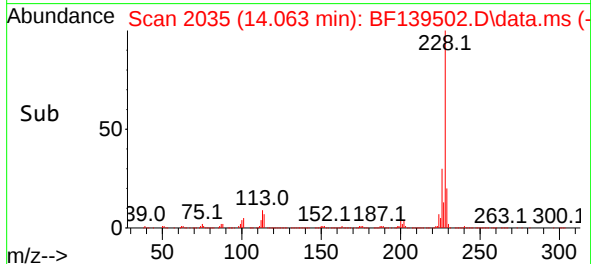
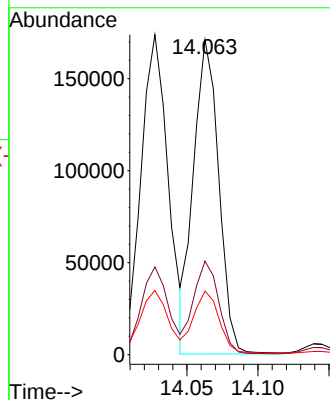
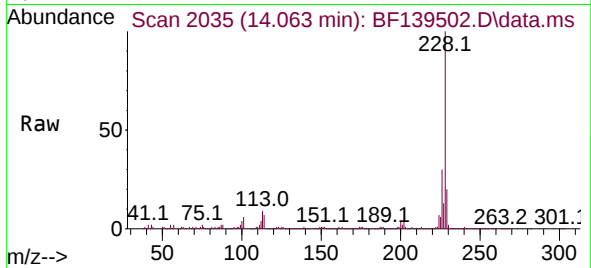
Tgt Ion:	228	Resp:	21166
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	20.2	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.871 ng

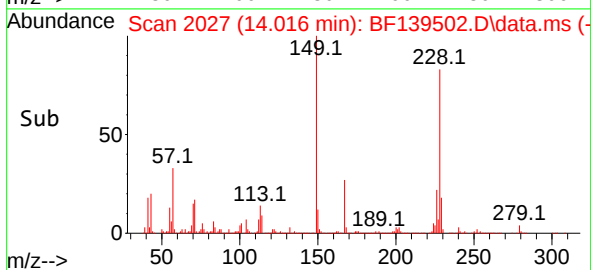
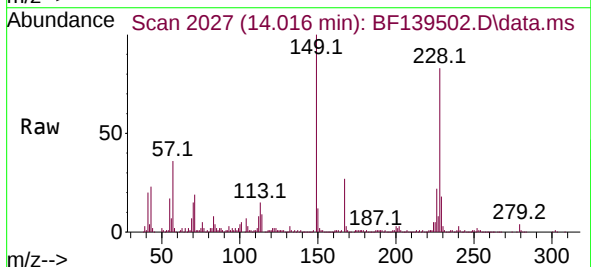
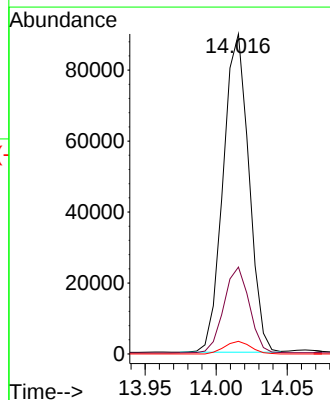
RT: 14.016 min Scan# 2027

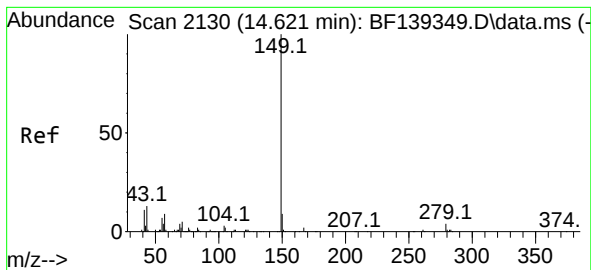
Delta R.T. 0.006 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

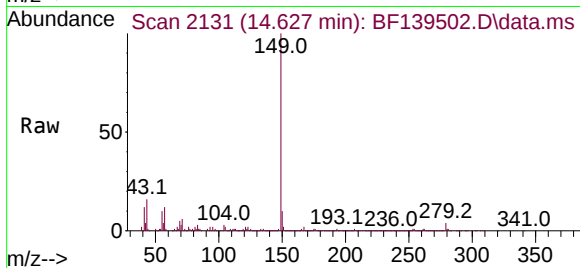
Tgt Ion:	149	Resp:	113004
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.6	32.4
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 23.003 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

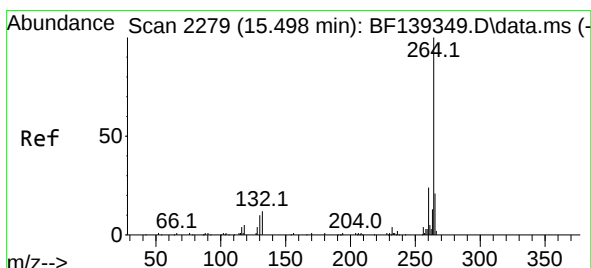
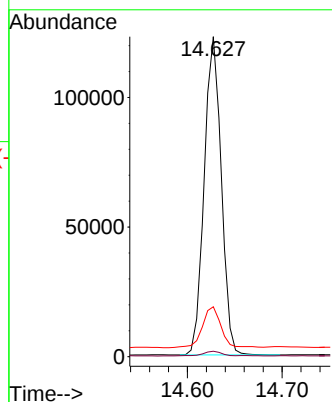
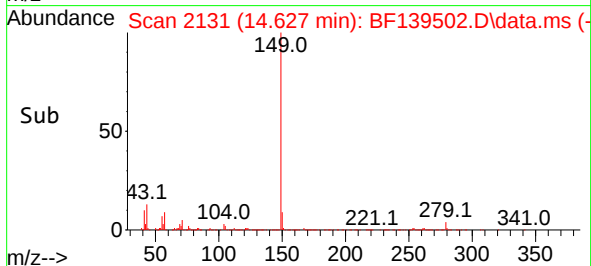
Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS



Tgt Ion:149 Resp: 15392
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.1 10.6 16.0

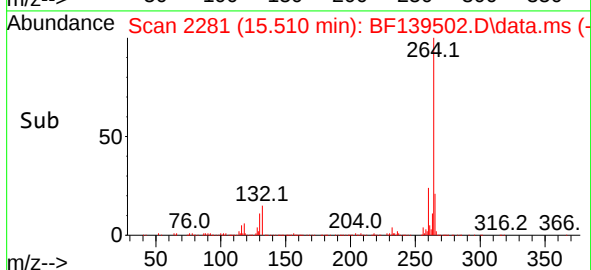
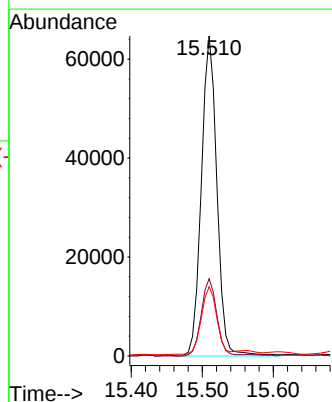
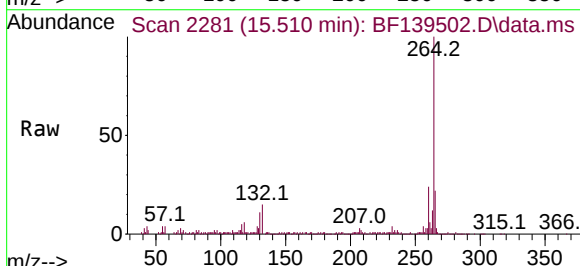
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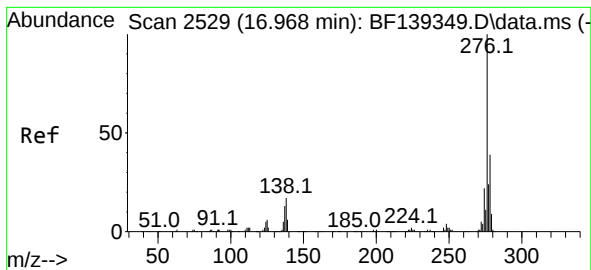
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:264 Resp: 98834
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.7 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 23.051 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

Instrument :

BNA_F

ClientSampleId :

NB-08-09192024MS

Tgt Ion:276 Resp: 13546

Ion Ratio Lower Upper

276 100

138 21.2 15.4 23.2

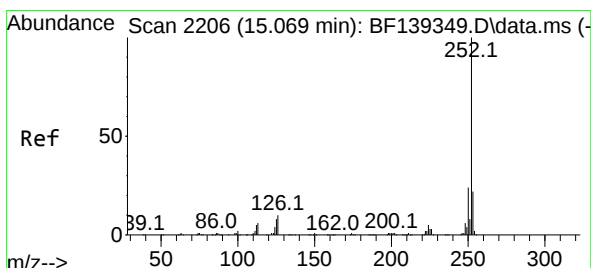
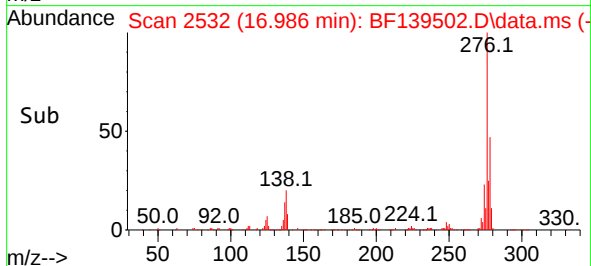
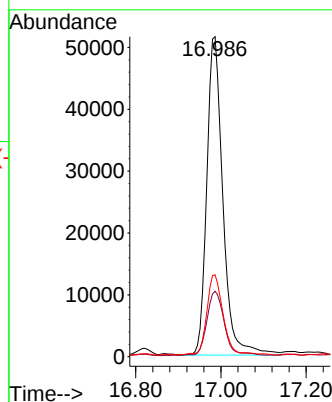
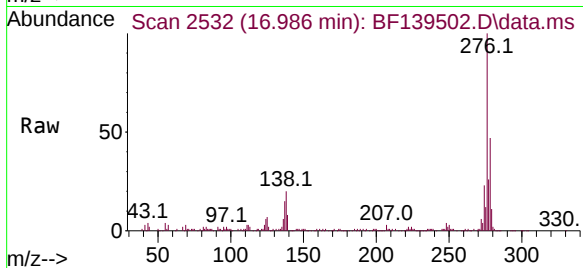
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#88

Benzo(b)fluoranthene

Concen: 27.559 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF139502.D

Acq: 20 Sep 2024 15:26

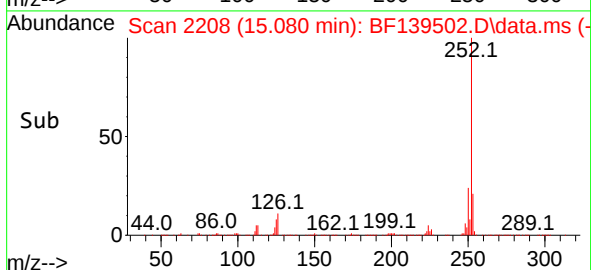
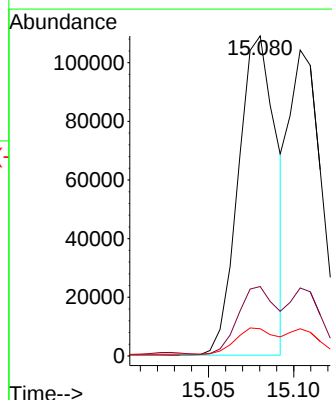
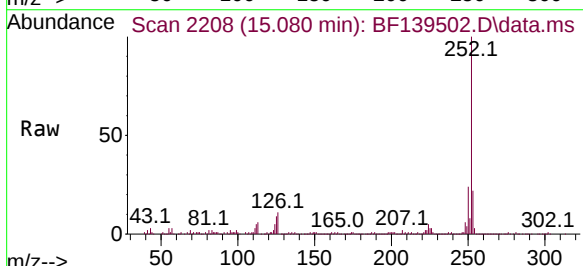
Tgt Ion:252 Resp: 167985

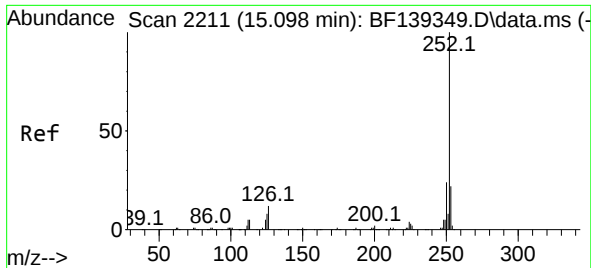
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 8.5 6.2 9.2





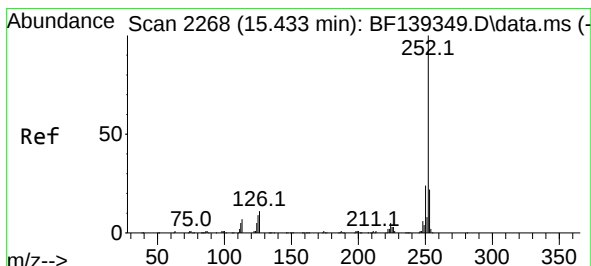
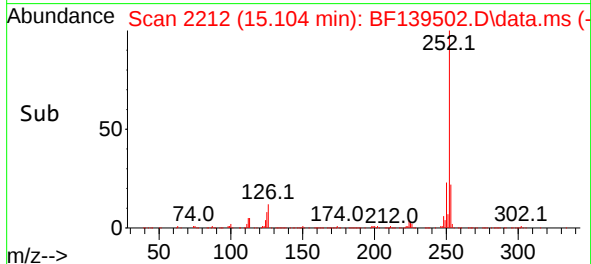
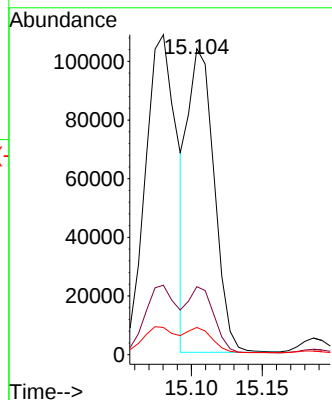
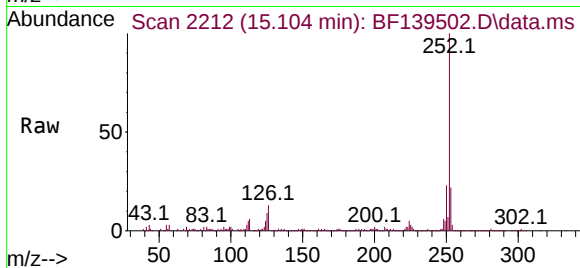
#89
Benzo(k)fluoranthene
Concen: 23.978 ng m
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:252 Resp: 134762
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.9 5.9 8.9

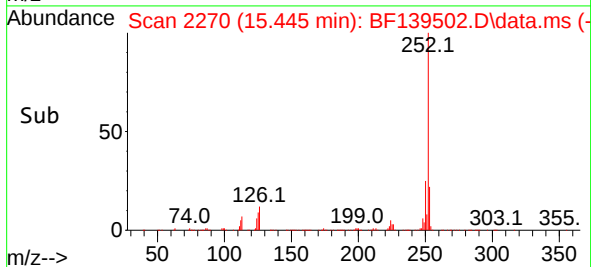
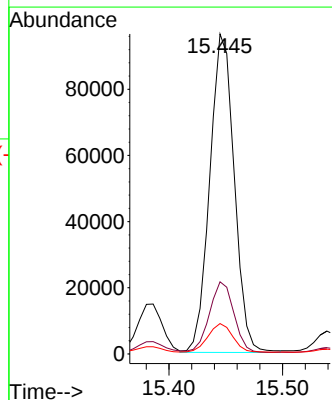
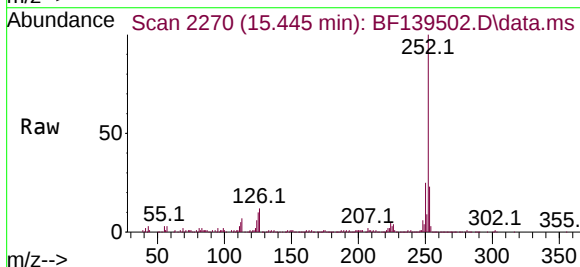
Manual Integrations
APPROVED

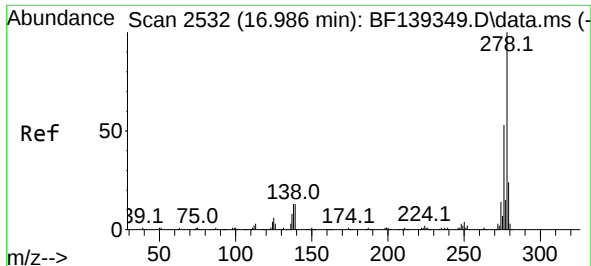
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#90
Benzo(a)pyrene
Concen: 28.531 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:252 Resp: 144229
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.5 6.8 10.2





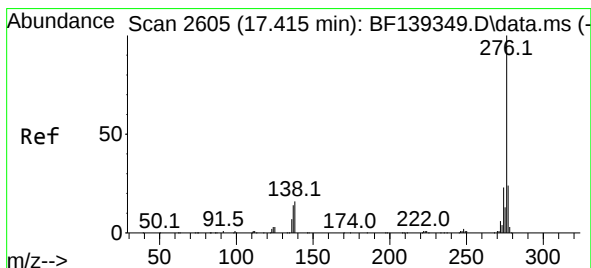
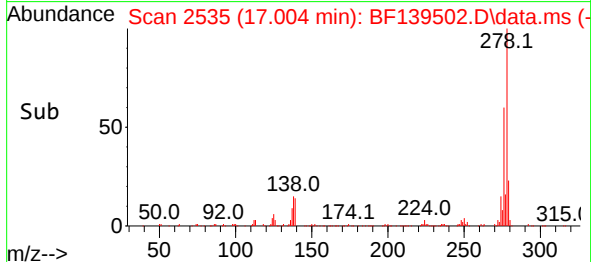
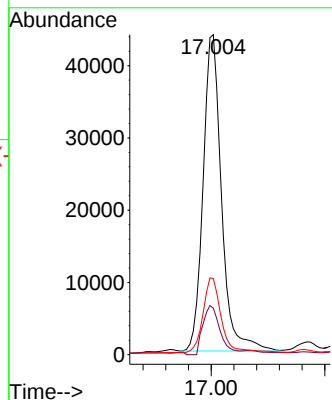
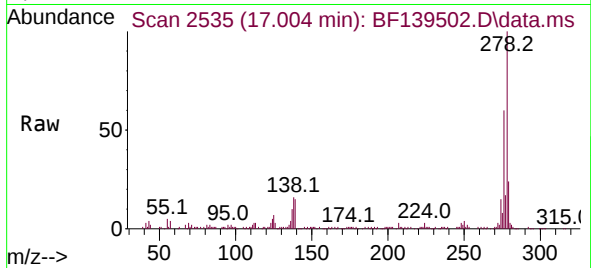
#91
Dibenzo(a,h)anthracene
Concen: 20.293 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Instrument :
BNA_F
ClientSampleId :
NB-08-09192024MS

Tgt Ion:278 Resp: 9854
Ion Ratio Lower Upper
278 100
139 14.6 10.2 15.2
279 23.8 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: 21.745 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139502.D
Acq: 20 Sep 2024 15:26

Tgt Ion:276 Resp: 104555
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 19.8 13.0 19.6#

