

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139004.D
 Acq On : 14 Aug 2024 20:16
 Operator : RC/JU
 Sample : P3466-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:12:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	32155	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	113510	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	51515	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	97165	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61682	20.000	ng	0.00
86) Perylene-d12	15.462	264	47286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	160599	77.098	ng	0.00
7) Phenol-d6	6.487	99	125860	45.003	ng	0.00
23) Nitrobenzene-d5	7.404	82	242476	104.440	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	66212	156.909	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	351717	102.583	ng	-0.02
79) Terphenyl-d14	12.939	244	421843	114.503	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	21000	23.027	ng	# 90
3) Pyridine	3.393	79	35046	15.864	ng	# 91
4) n-Nitrosodimethylamine	3.328	42	45113	34.287	ng	81
6) Aniline	6.504	93	55501	22.253	ng	# 73
8) 2-Chlorophenol	6.634	128	98124	44.773	ng	98
9) Benzaldehyde	6.398	77	4597	2.742	ng	95
10) Phenol	6.498	94	52572	17.854	ng	# 62
11) bis(2-Chloroethyl)ether	6.575	93	118877	52.462	ng	98
12) 1,3-Dichlorobenzene	6.775	146	104654	42.660	ng	96
13) 1,4-Dichlorobenzene	6.851	146	108298	43.743	ng	98
14) 1,2-Dichlorobenzene	7.004	146	102243	44.189	ng	98
15) Benzyl Alcohol	6.987	79	79848	39.613	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	192367	49.329	ng	73
17) 2-Methylphenol	7.110	107	63541	35.111	ng	# 78
18) Hexachloroethane	7.345	117	37259	39.980	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	90763	53.733	ng	98
20) 3+4-Methylphenols	7.263	107	74356	32.023	ng	# 69
22) Acetophenone	7.245	105	152042	54.705	ng	95
24) Nitrobenzene	7.422	77	126711	53.635	ng	98
25) Isophorone	7.663	82	220760	55.686	ng	98
26) 2-Nitrophenol	7.739	139	54623	53.741	ng	93
27) 2,4-Dimethylphenol	7.781	122	64344	52.910	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	127071	52.635	ng	100
29) 2,4-Dichlorophenol	7.992	162	75807	48.511	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	88221	48.920	ng	98
31) Naphthalene	8.139	128	289049	48.378	ng	99
32) Benzoic acid	7.898	122	10827	11.326	ng	90
33) 4-Chloroaniline	8.198	127	50121	24.990	ng	97
34) Hexachlorobutadiene	8.251	225	54091	49.521	ng	97
35) Caprolactam	8.563	113	4232	9.076	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	78022	43.688	ng	98
37) 2-Methylnaphthalene	8.828	142	179168	47.482	ng	99
38) 1-Methylnaphthalene	8.928	142	162272	43.886	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	75412	52.698	ng	98
41) Hexachlorocyclopentadiene	8.975	237	8395	27.200	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	48377	55.446	ng	99

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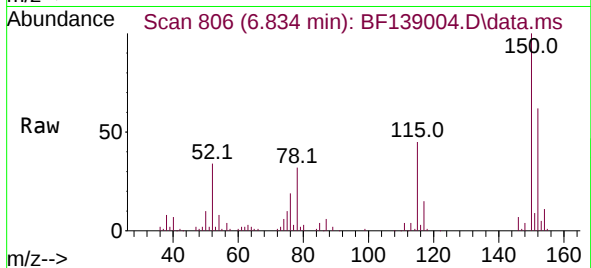
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	49765	52.173	ng	98
46) 1,1'-Biphenyl	9.292	154	203844	50.524	ng	99
47) 2-Chloronaphthalene	9.316	162	160805	53.590	ng	98
48) 2-Nitroaniline	9.422	65	60441	59.416	ng	95
49) Acenaphthylene	9.733	152	240207	56.442	ng	99
50) Dimethylphthalate	9.592	163	191710	58.201	ng	100
51) 2,6-Dinitrotoluene	9.663	165	41777	56.199	ng	95
52) Acenaphthene	9.904	154	148246	51.819	ng	99
53) 3-Nitroaniline	9.833	138	32990	42.929	ng	95
54) 2,4-Dinitrophenol	9.957	184	17080	49.912	ng	86
55) Dibenzofuran	10.075	168	223960	55.458	ng	97
56) 4-Nitrophenol	10.022	139	16610	35.942	ng	84
57) 2,4-Dinitrotoluene	10.069	165	55418	58.431	ng	# 81
58) Fluorene	10.416	166	179589	55.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	40515	55.559	ng	95
60) Diethylphthalate	10.286	149	184795	59.168	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	87342	55.223	ng	96
62) 4-Nitroaniline	10.451	138	42471	58.155	ng	# 83
63) Azobenzene	10.569	77	193712	55.922	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	16986	28.654	ng	92
66) n-Nitrosodiphenylamine	10.528	169	151630	49.925	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	50724	48.217	ng	98
68) Hexachlorobenzene	10.969	284	52847	48.653	ng	99
69) Atrazine	11.057	200	45975	58.672	ng	96
70) Pentachlorophenol	11.169	266	44341	90.567	ng	99
71) Phenanthrene	11.380	178	274991	54.963	ng	99
72) Anthracene	11.433	178	282138	57.242	ng	99
73) Carbazole	11.592	167	257719	60.606	ng	99
74) Di-n-butylphthalate	11.910	149	297984	62.335	ng	99
75) Fluoranthene	12.569	202	307805	65.900	ng	99
77) Benzidine	12.704	184	3914	2.653	ng	96
78) Pyrene	12.804	202	308391	53.102	ng	99
80) Butylbenzylphthalate	13.410	149	131691	70.812	ng	97
81) Benzo(a)anthracene	13.992	228	234539	55.217	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	55847	51.379	ng	100
83) Chrysene	14.027	228	201206	52.505	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	164690	60.475	ng	99
85) Di-n-octyl phthalate	14.574	149	233843	46.411	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	155066	45.760	ng	94
88) Benzo(b)fluoranthene	15.039	252	166247m	56.715	ng	
89) Benzo(k)fluoranthene	15.063	252	153438	60.458	ng	98
90) Benzo(a)pyrene	15.404	252	140901	57.146	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	127110	45.695	ng	97
92) Benzo(g,h,i)perylene	17.380	276	120309	41.679	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

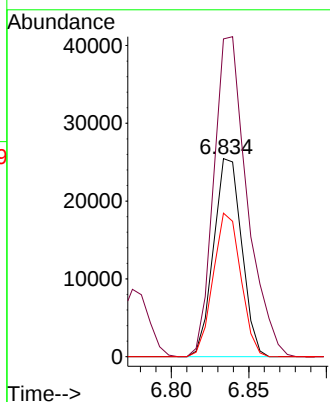
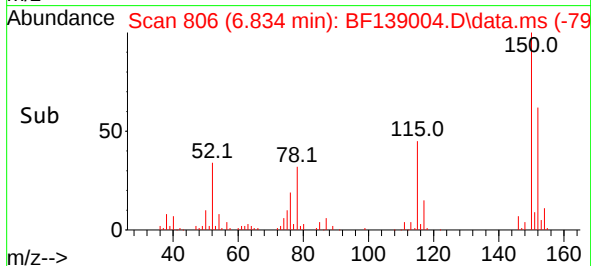
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:152 Resp: 3215
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 72.5 51.7 77.5

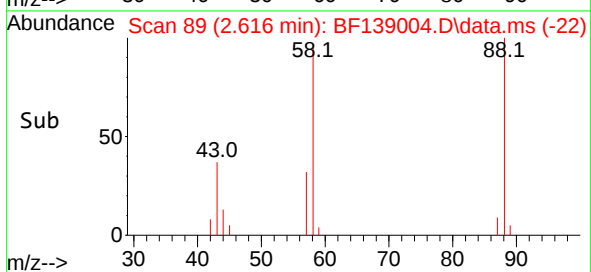
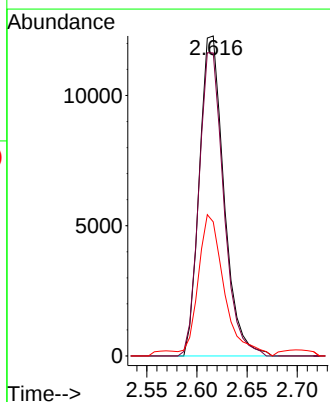
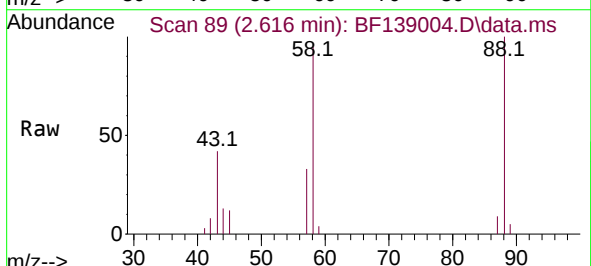
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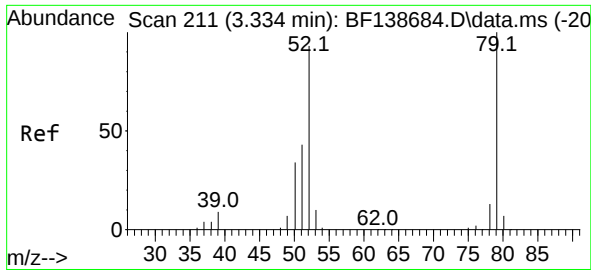
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 23.027 ng
RT: 2.616 min Scan# 89
Delta R.T. 0.041 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

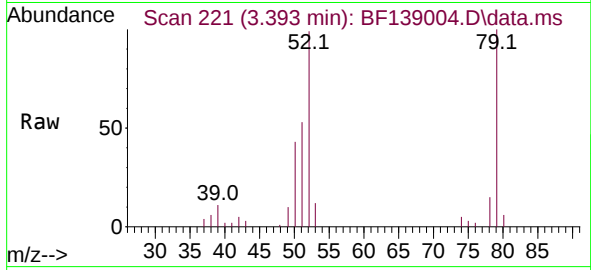
Tgt Ion: 88 Resp: 21000
Ion Ratio Lower Upper
88 100
58 95.4 71.6 107.4
43 46.5 28.7 43.1#





#3
Pyridine
Concen: 15.864 ng
RT: 3.393 min Scan# 210
Delta R.T. 0.059 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

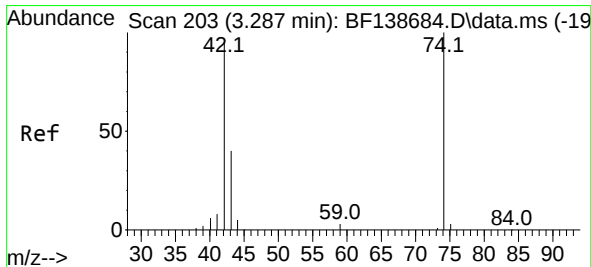
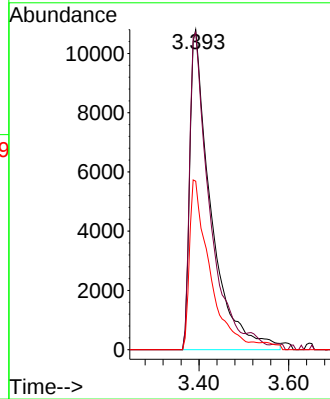
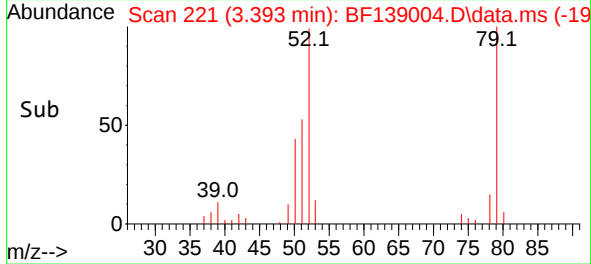
Instrument :
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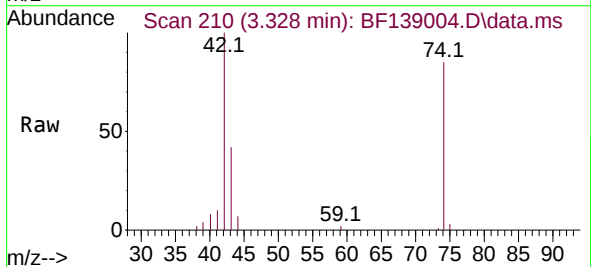
Tgt Ion: 79 Resp: 3504
Ion Ratio Lower Upper
79 100
52 99.2 74.7 112.1
51 52.6 34.6 51.8

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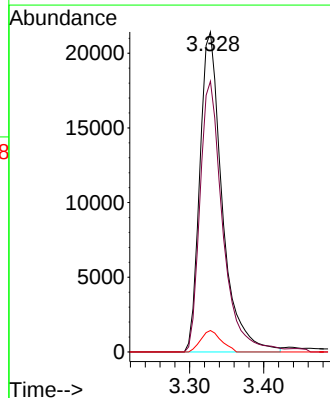
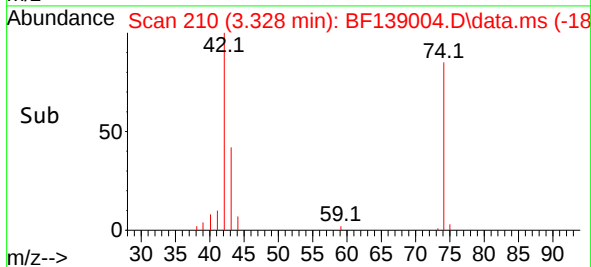
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Supervised By :mohammad ahmed 08/16/2024



#4
n-Nitrosodimethylamine
Concen: 34.287 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.041 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



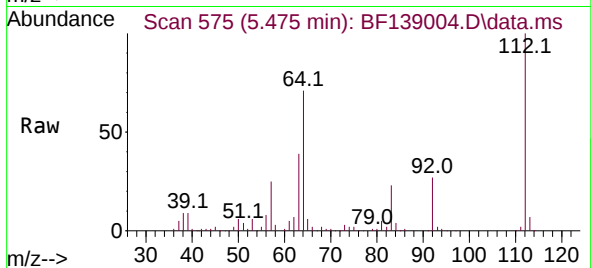
Tgt Ion: 42 Resp: 45113
Ion Ratio Lower Upper
42 100
74 84.6 84.2 126.4
44 6.7 4.9 7.3





#5
2-Fluorophenol
Concen: 77.098 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

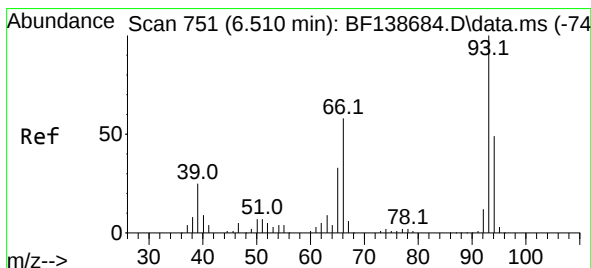
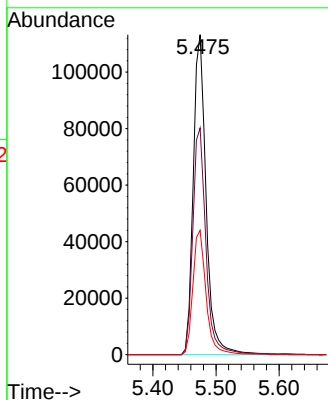
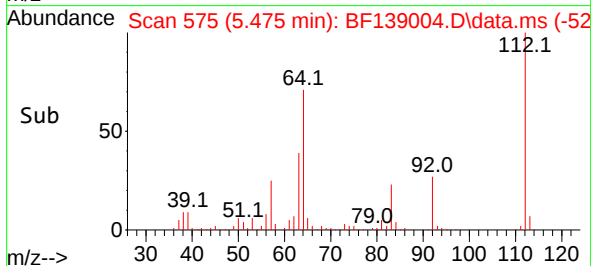
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:112 Resp: 160599
Ion Ratio Lower Upper
112 100
64 70.8 54.2 81.4
63 38.9 28.7 43.1

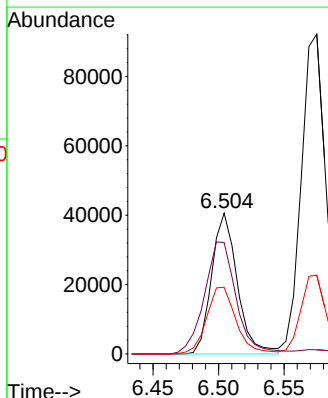
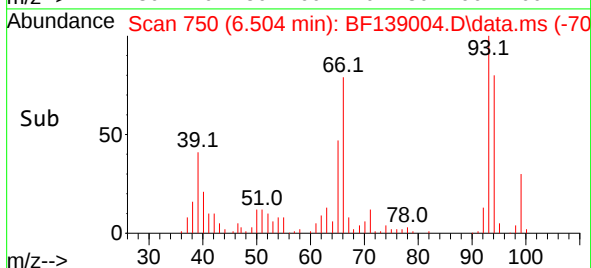
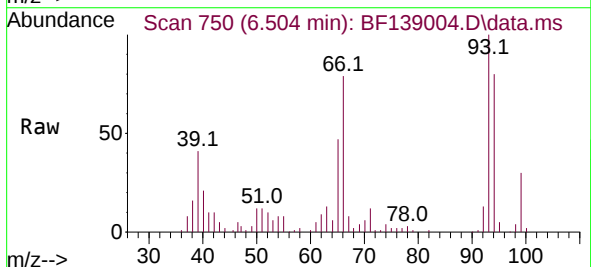
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#6
Aniline
Concen: 22.253 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

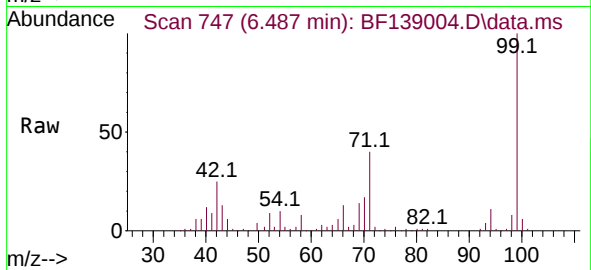
Tgt Ion: 93 Resp: 55501
Ion Ratio Lower Upper
93 100
66 79.2 46.9 70.3#
65 47.4 26.5 39.7#





#7
Phenol-d6
Concen: 45.003 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

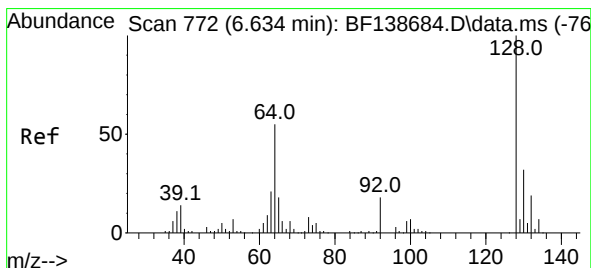
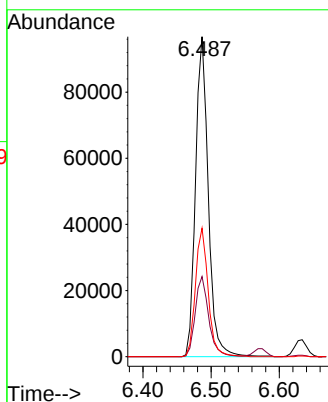
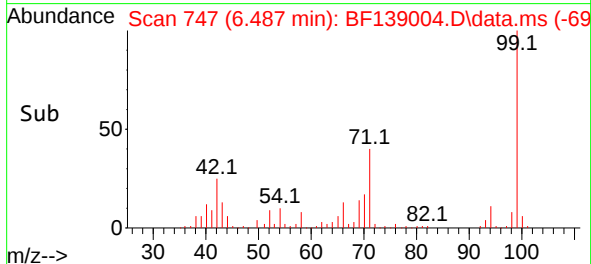
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 125860
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 40.1 28.1 42.1

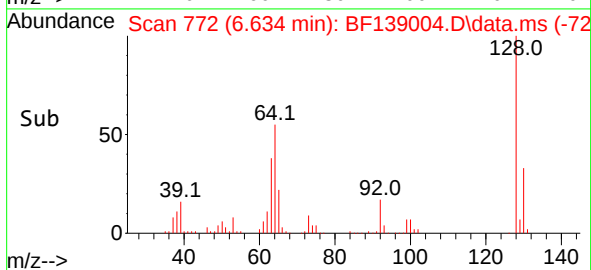
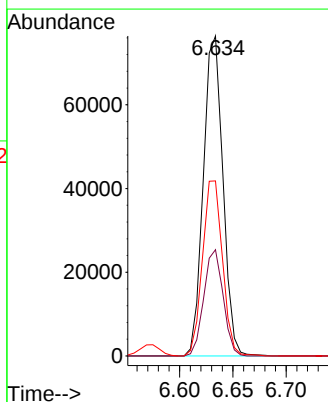
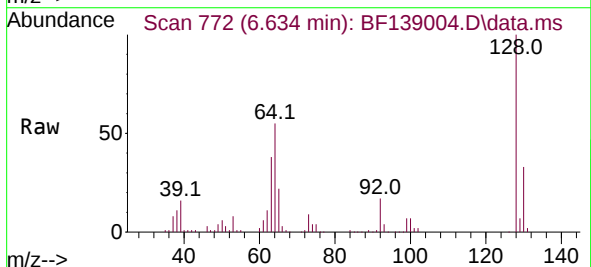
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#8
2-Chlorophenol
Concen: 44.773 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

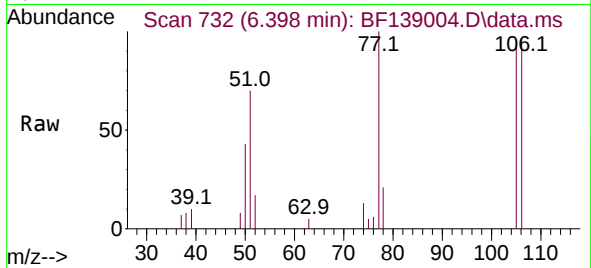
Tgt Ion:128 Resp: 98124
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 54.7 36.3 76.3





#9
Benzaldehyde
Concen: 2.742 ng
RT: 6.398 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

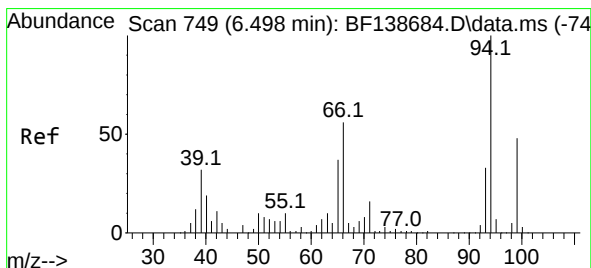
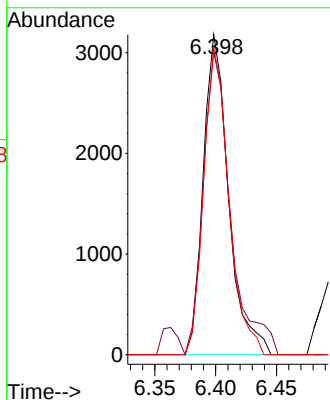
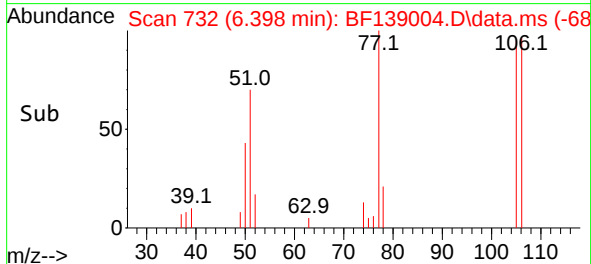
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 459
Ion Ratio Lower Upper
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105 94.7 72.9 112.9
106 95.8 68.4 108.4

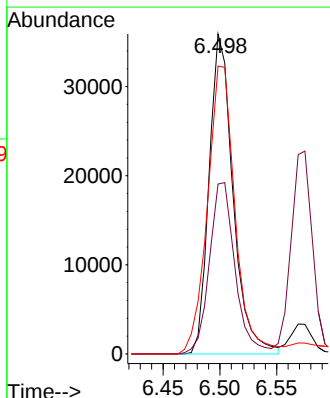
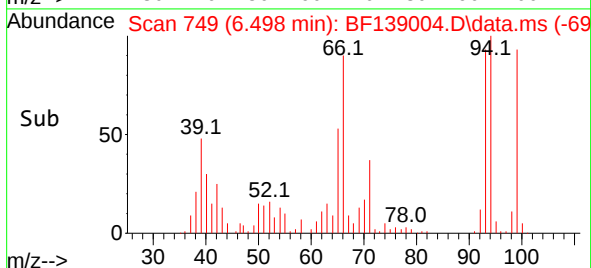
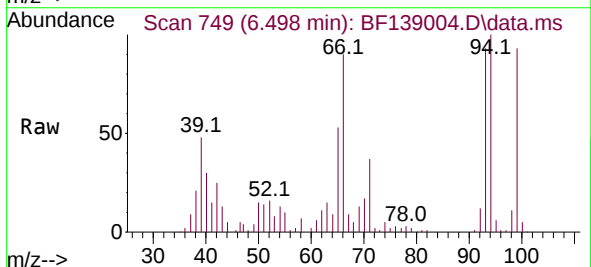
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#10
Phenol
Concen: 17.854 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

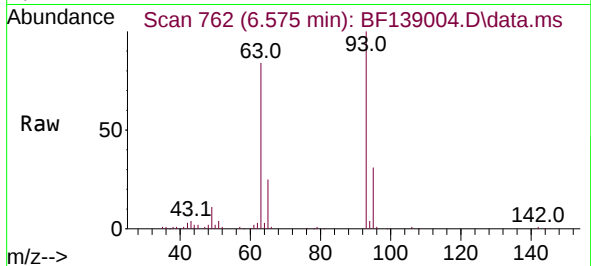
Tgt Ion: 94 Resp: 52572
Ion Ratio Lower Upper
94 100
65 53.1 16.9 56.9
66 90.0 36.5 76.5#





#11
bis(2-Chloroethyl)ether
Concen: 52.462 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

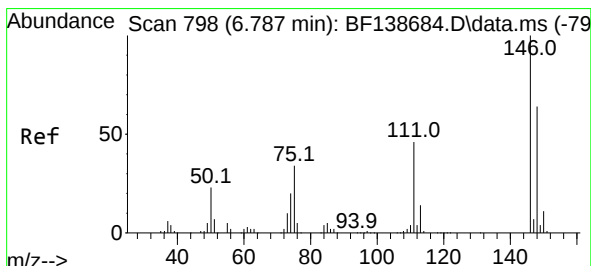
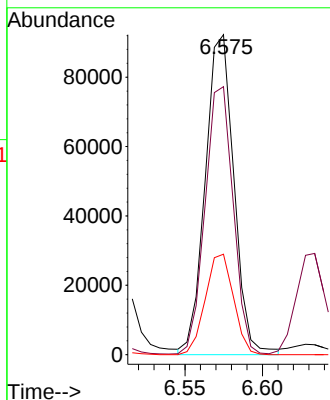
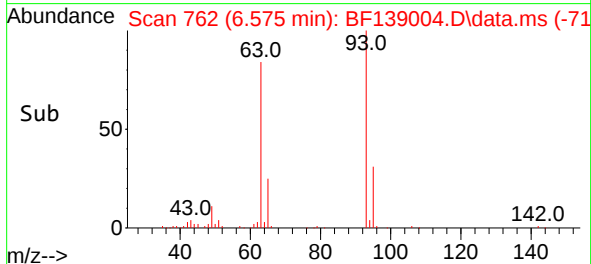
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion: 93 Resp: 11887
Ion Ratio Lower Upper
93 100
63 83.7 65.3 105.3
95 31.4 12.4 52.4

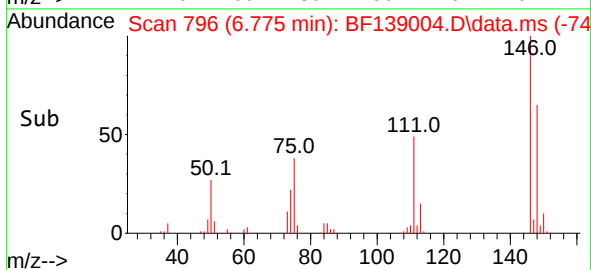
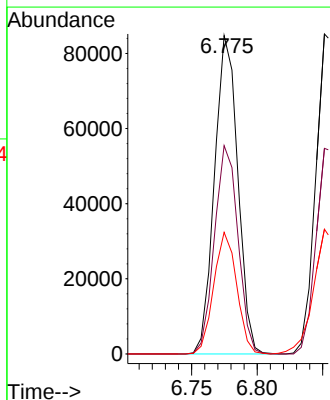
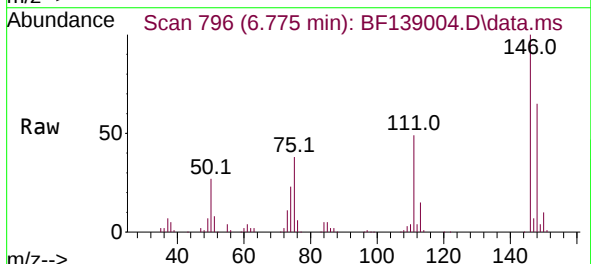
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#12
1,3-Dichlorobenzene
Concen: 42.660 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion:146 Resp: 104654
Ion Ratio Lower Upper
146 100
148 65.4 51.2 76.8
75 38.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.743 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

Tgt Ion:146 Resp: 108298

Ion Ratio Lower Upper

146 100

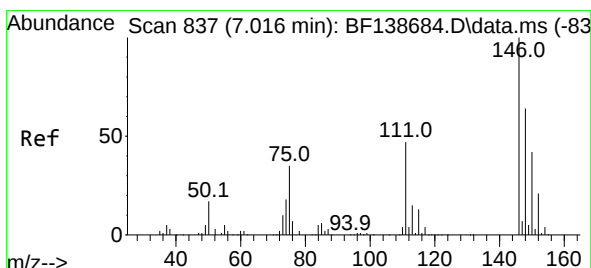
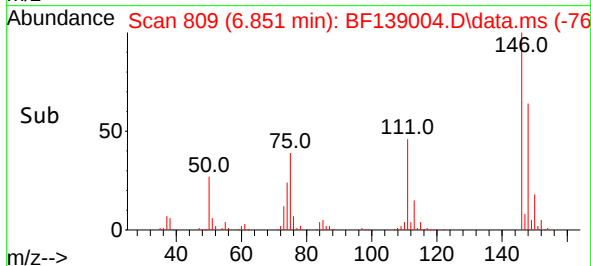
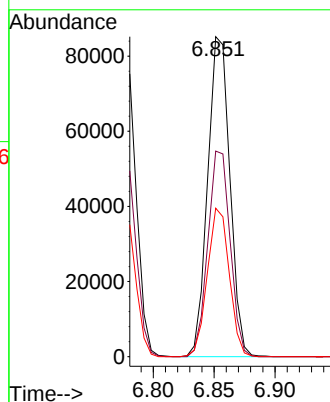
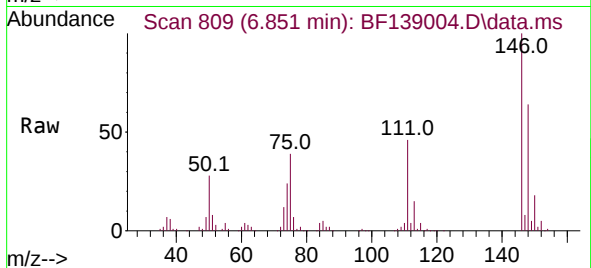
148 64.3 50.2 75.2

111 46.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#14

1,2-Dichlorobenzene

Concen: 44.189 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

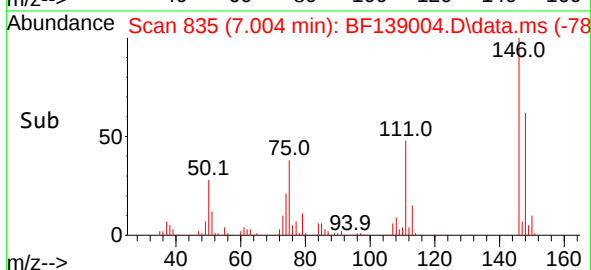
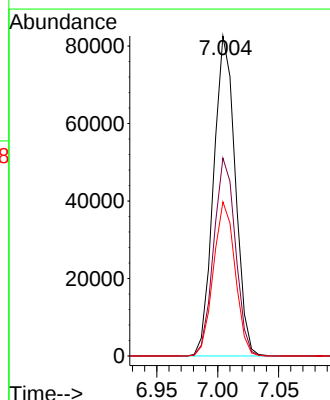
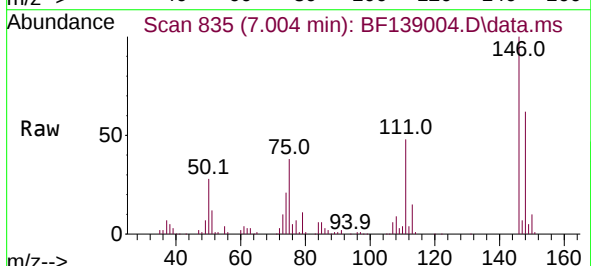
Tgt Ion:146 Resp: 102243

Ion Ratio Lower Upper

146 100

148 61.8 50.8 76.2

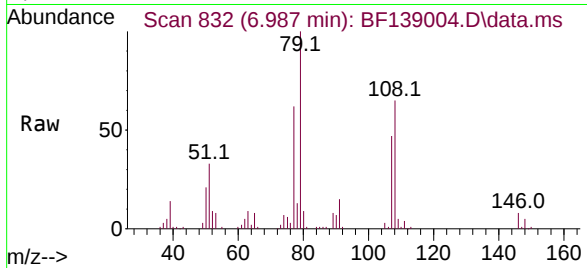
111 48.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 39.613 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

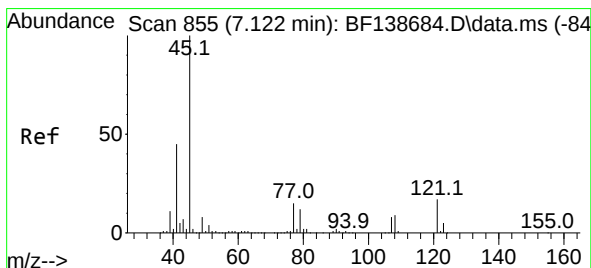
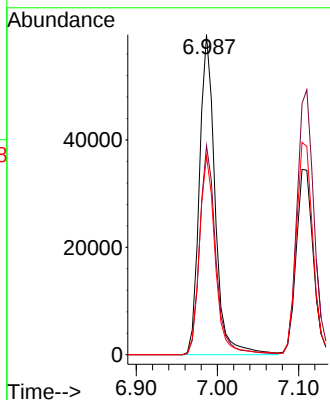
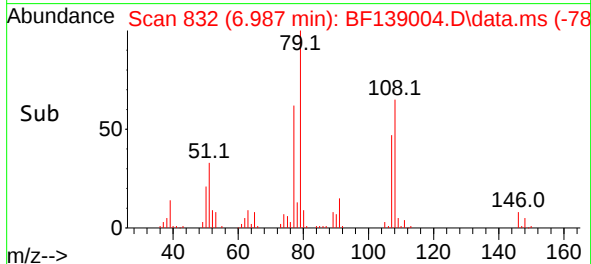
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion: 79 Resp: 7984
Ion Ratio Lower Upper
79 100
108 65.3 56.6 85.0
77 62.1 50.3 75.5

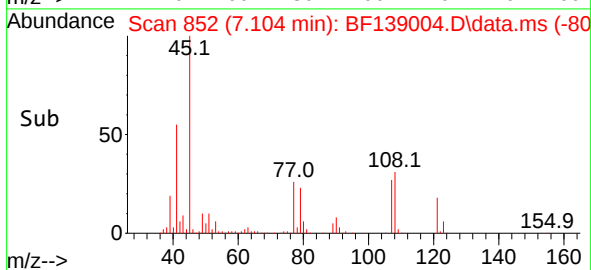
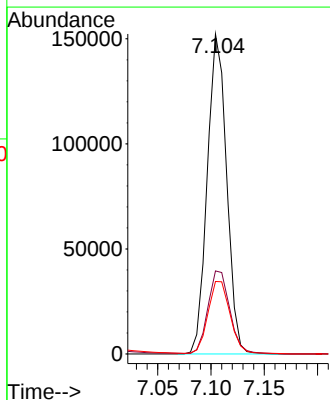
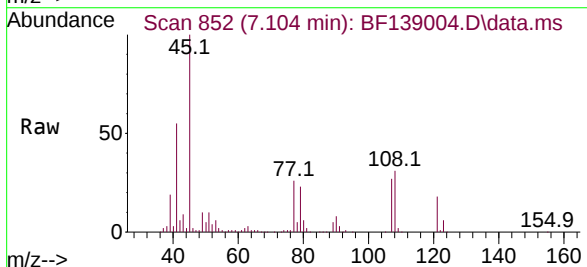
Manual Integrations
APPROVED

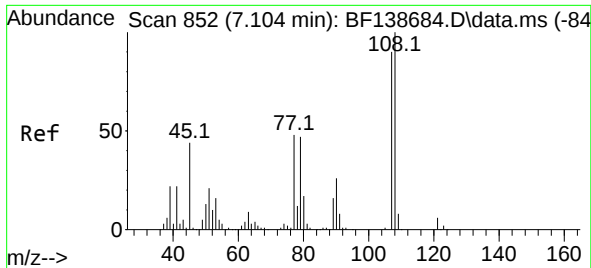
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.329 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

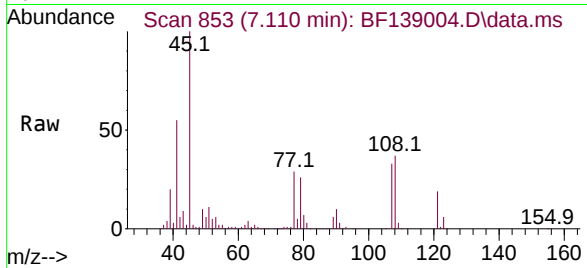
Tgt Ion: 45 Resp: 192367
Ion Ratio Lower Upper
45 100
77 26.0 0.0 34.9
79 22.7 0.0 32.2





#17
2-Methylphenol
Concen: 35.111 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

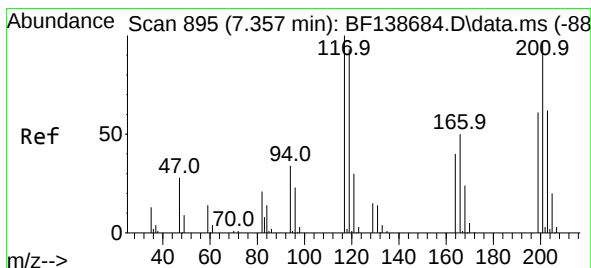
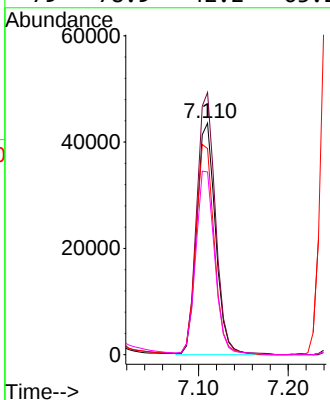
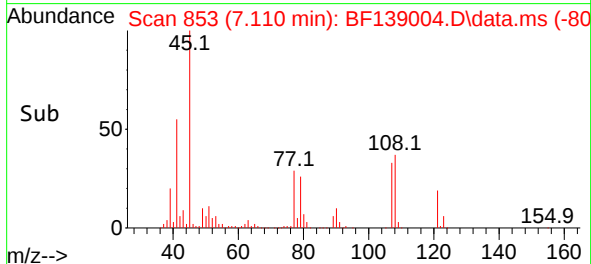
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:107 Resp: 6354
Ion Ratio Lower Upper
107 100
108 113.3 89.2 133.8
77 89.0 43.0 64.4
79 78.9 42.2 63.2#

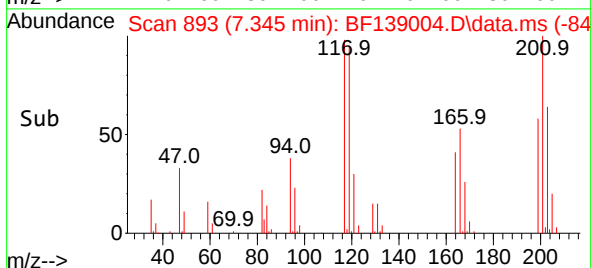
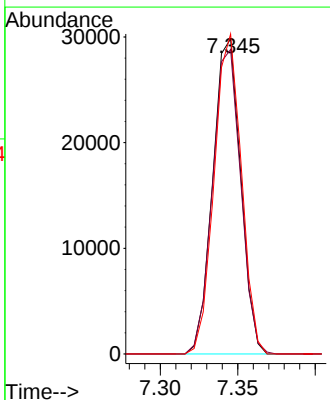
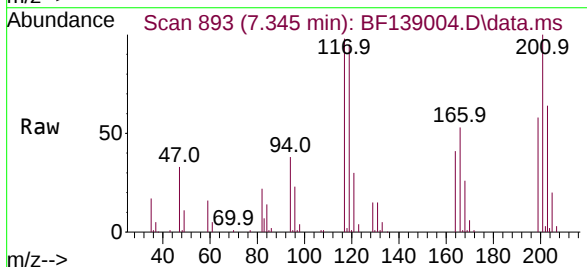
Manual Integrations
APPROVED

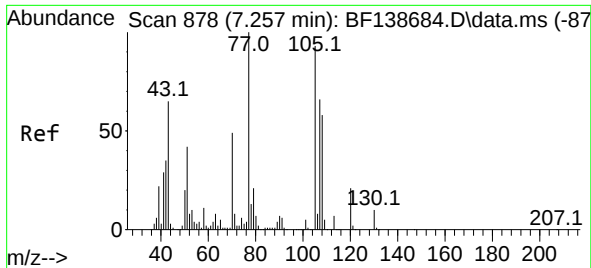
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 39.980 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

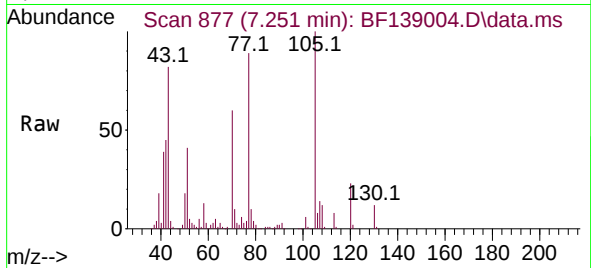
Tgt Ion:117 Resp: 37259
Ion Ratio Lower Upper
117 100
119 96.7 74.6 111.8
201 101.6 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 53.733 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

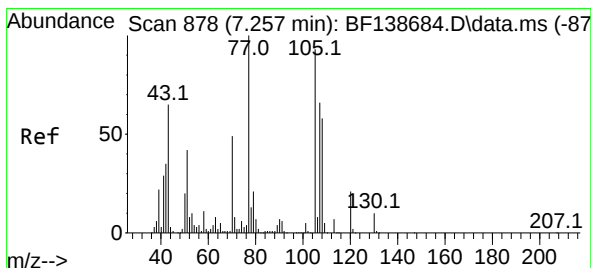
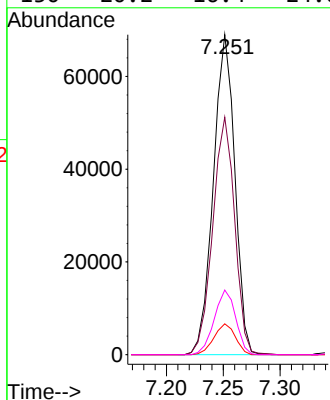
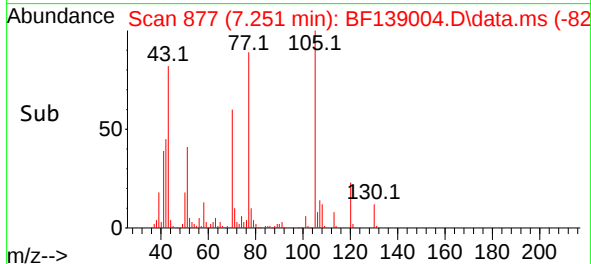
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



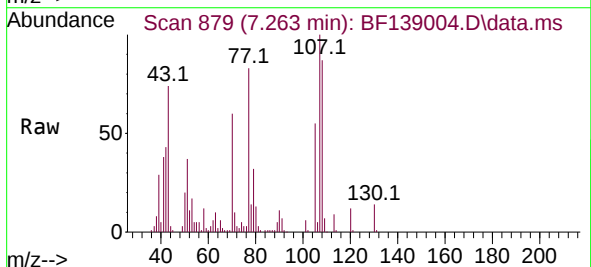
Tgt Ion:	70	Resp:	9076
Ion Ratio	Lower	Upper	
70	100		
42	74.2	57.4	86.0
101	9.6	7.5	11.3
130	20.2	16.4	24.6

Manual Integrations
APPROVED

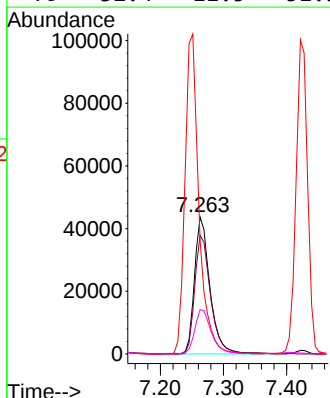
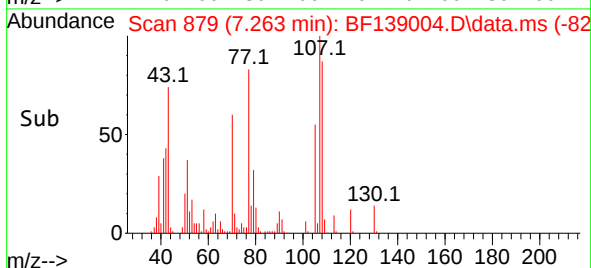
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

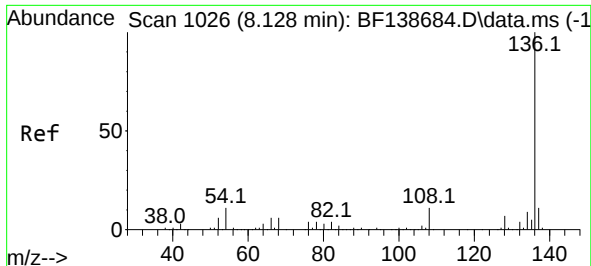


#20
3+4-Methylphenols
Concen: 32.023 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



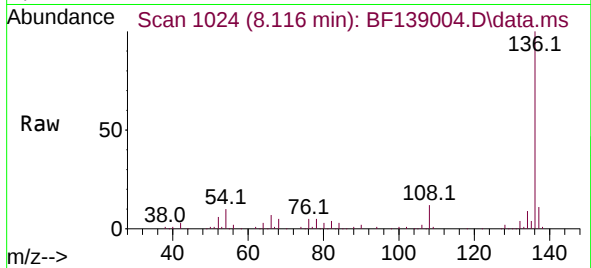
Tgt Ion:	107	Resp:	74356
Ion Ratio	Lower	Upper	
107	100		
108	86.6	68.2	108.2
77	82.8	132.1	172.1#
79	32.4	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

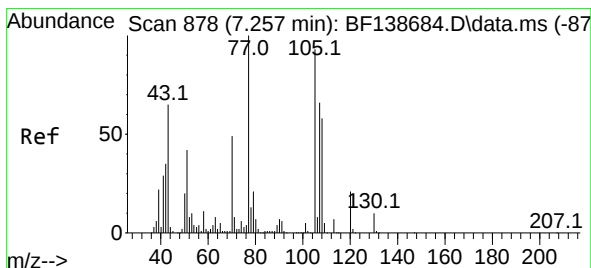
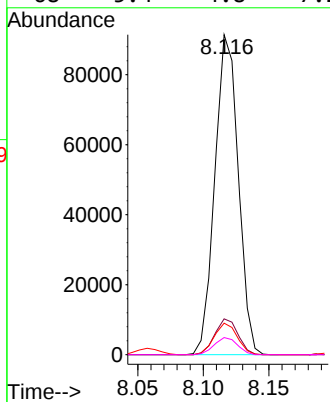
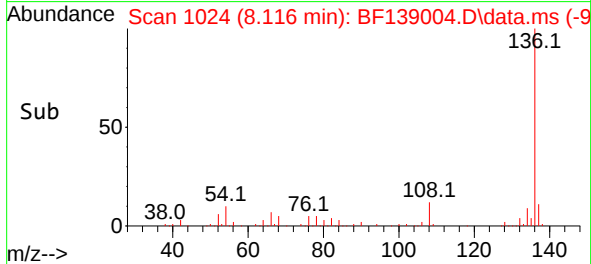
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:136 Resp: 113510
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.9 8.6 12.8
68 5.4 4.8 7.2

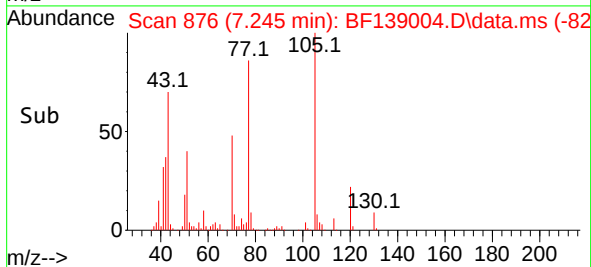
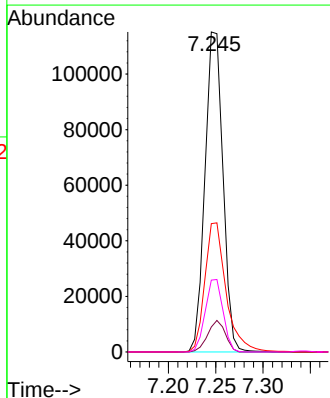
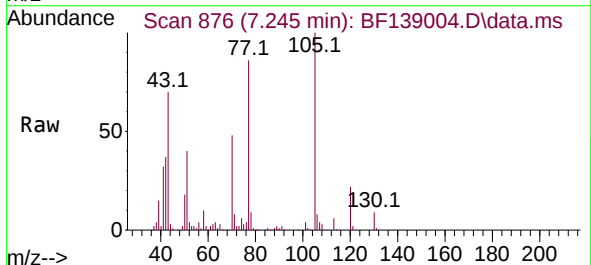
Manual Integrations
APPROVED

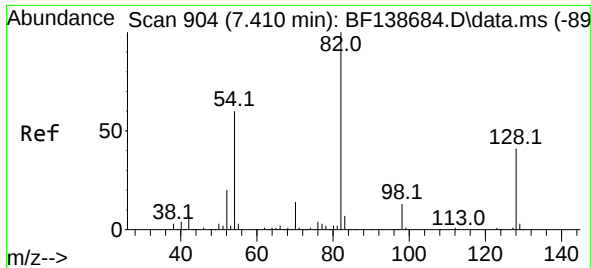
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#22
Acetophenone
Concen: 54.705 ng
RT: 7.245 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

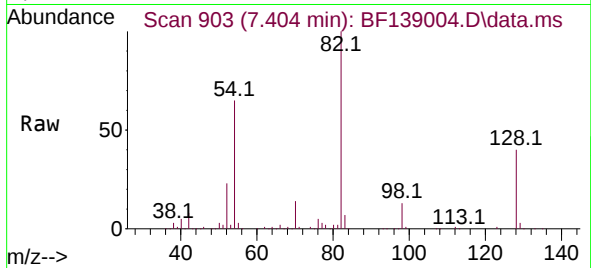
Tgt Ion:105 Resp: 152042
Ion Ratio Lower Upper
105 100
71 7.8 7.2 10.8
51 40.1 35.9 53.9
120 22.5 17.6 26.4





#23
Nitrobenzene-d5
Concen: 104.440 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

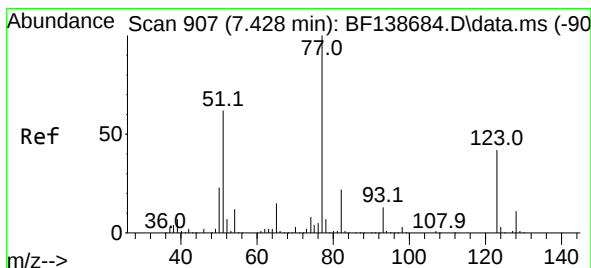
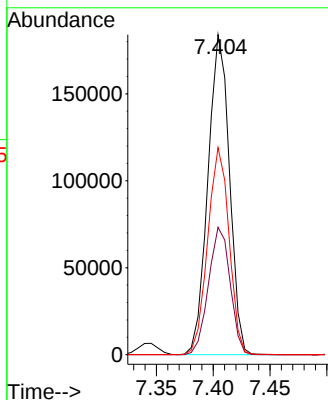
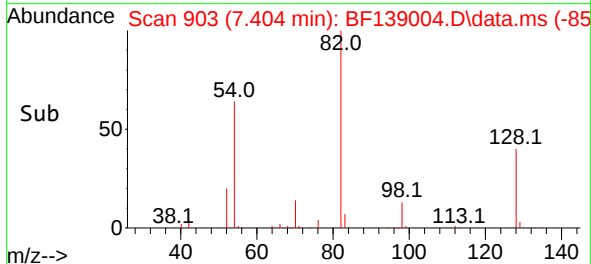
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion: 82 Resp: 242470
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 64.7 48.3 72.5

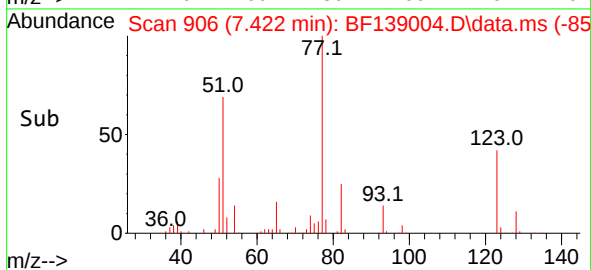
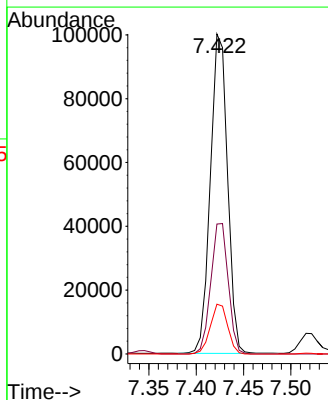
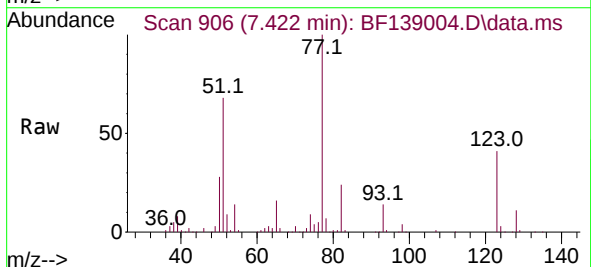
Manual Integrations
APPROVED

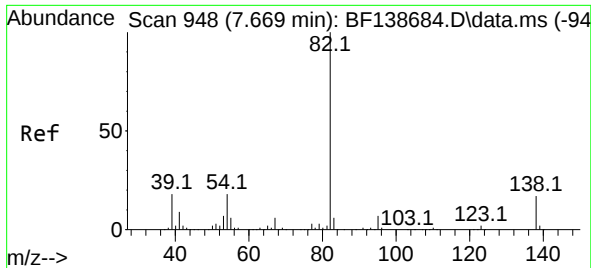
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#24
Nitrobenzene
Concen: 53.635 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

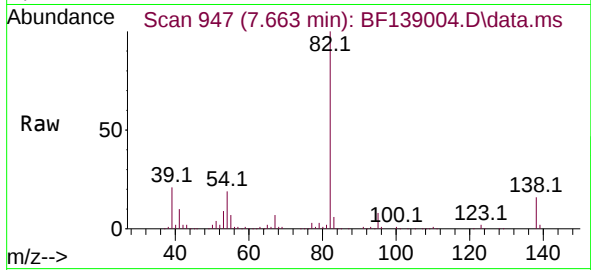
Tgt Ion: 77 Resp: 126711
Ion Ratio Lower Upper
77 100
123 40.6 33.3 49.9
65 15.5 11.9 17.9





#25
Isophorone
Concen: 55.686 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

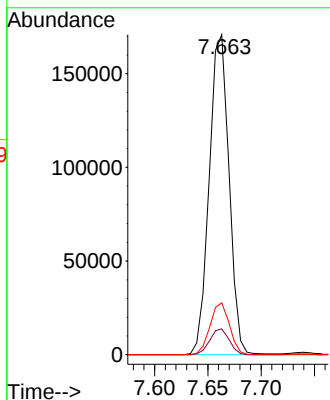
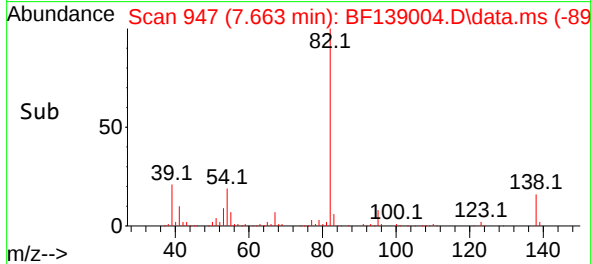
Instrument : BNA_F
ClientSampleId : 924-K1-WP0-0.25-080224MS



Tgt Ion: 82 Resp: 220760
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.2 13.7 20.5

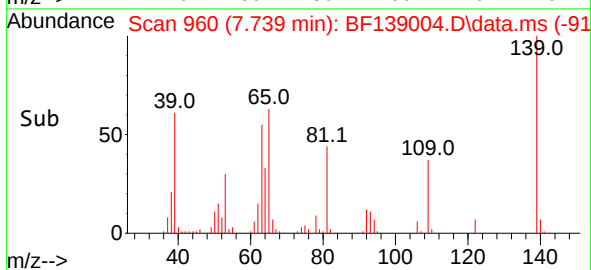
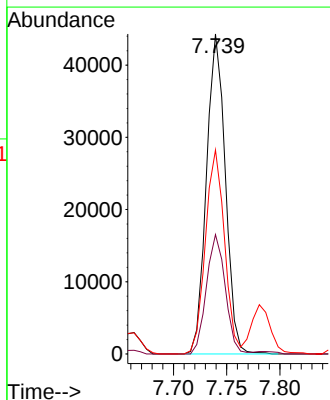
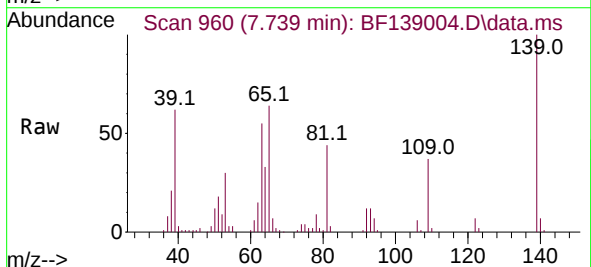
Manual Integrations
APPROVED

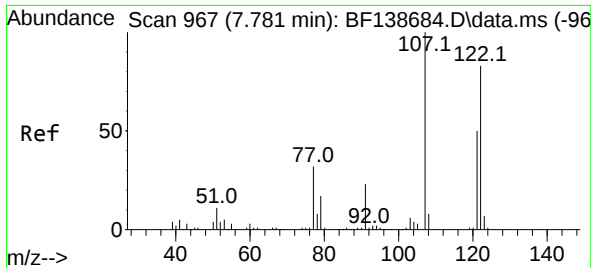
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 53.741 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

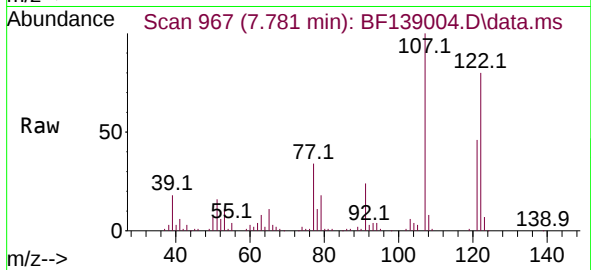
Tgt Ion:139 Resp: 54623
Ion Ratio Lower Upper
139 100
109 37.3 25.9 38.9
65 63.7 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 52.910 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

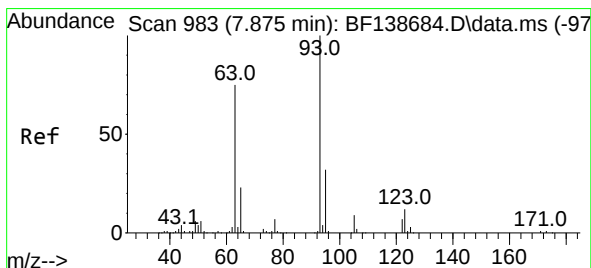
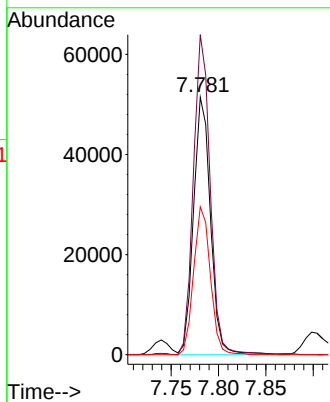
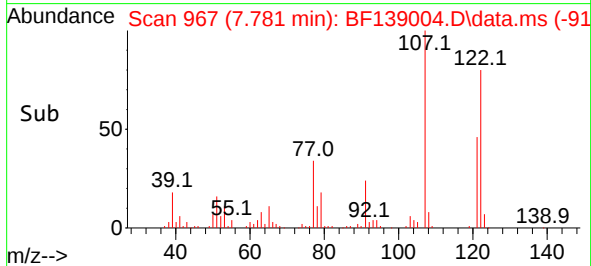
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:122 Resp: 6434
Ion Ratio Lower Upper
122 100
107 124.3 95.0 142.6
121 57.4 47.3 70.9

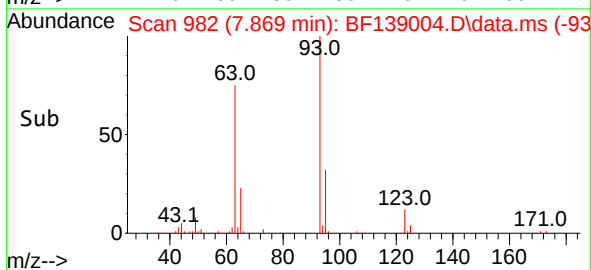
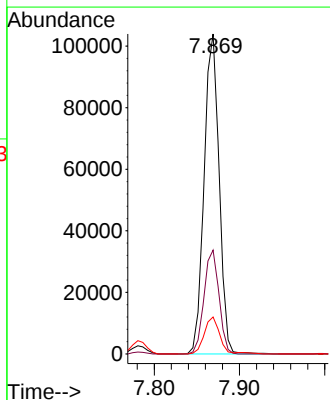
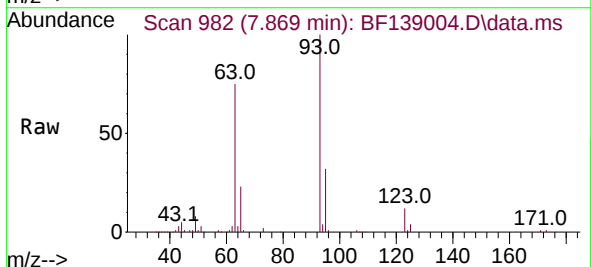
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.635 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion: 93 Resp: 127071
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.511 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139004.D

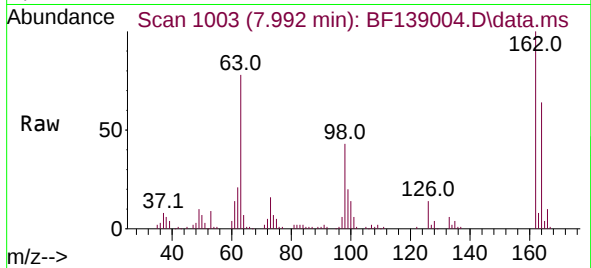
Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

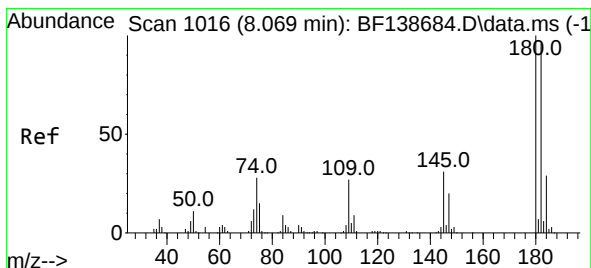
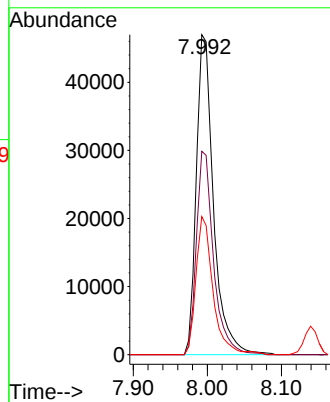
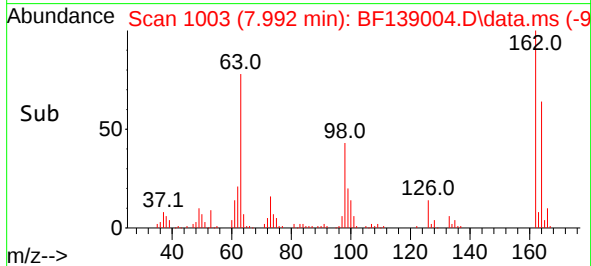


Tgt Ion:	162	Resp:	7580
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	43.1	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.920 ng

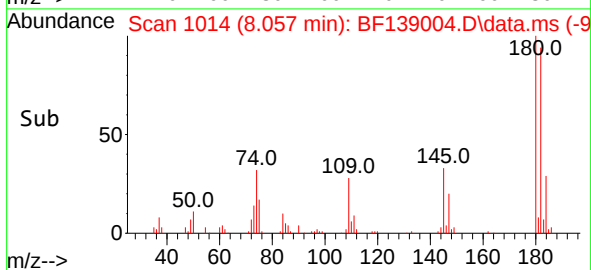
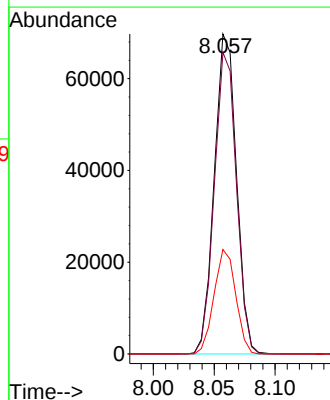
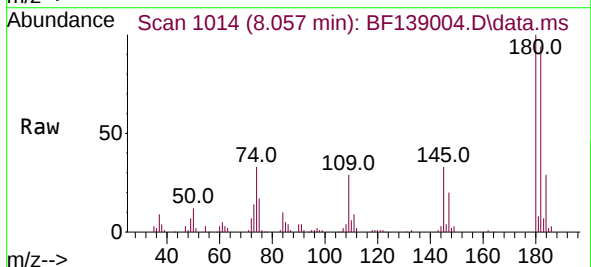
RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

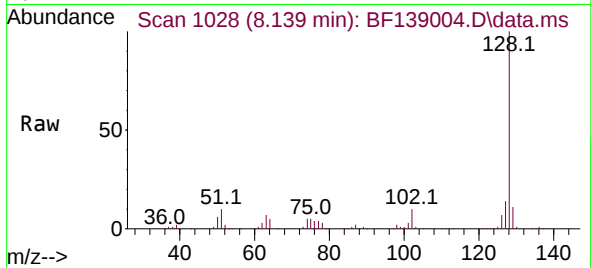
Tgt Ion:	180	Resp:	88221
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.9	115.3
145	32.6	25.0	37.4





#31
Naphthalene
Concen: 48.378 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

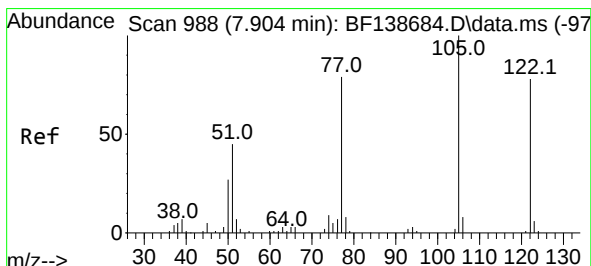
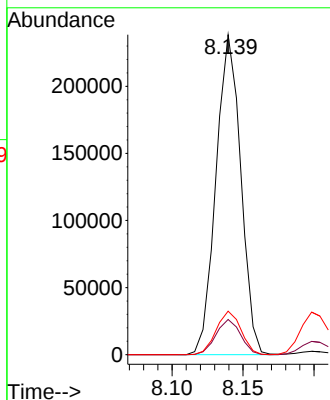
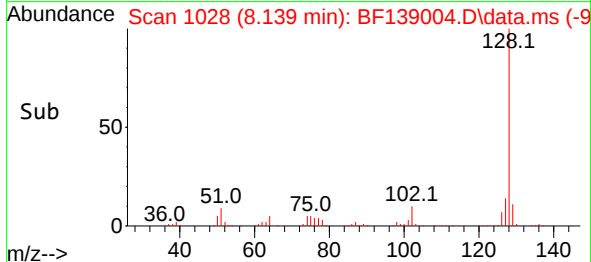
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:128 Resp: 289049
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0

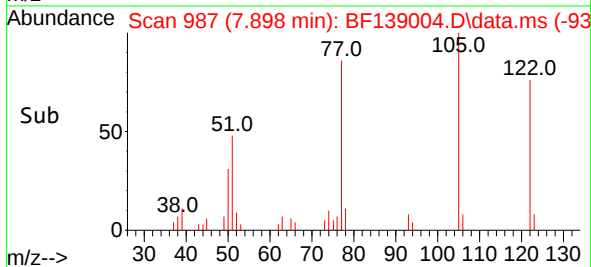
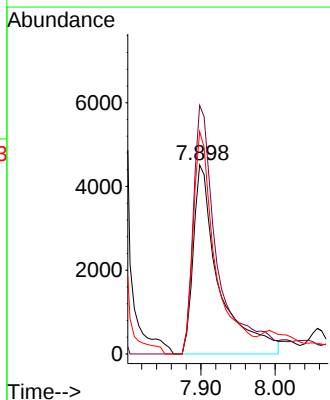
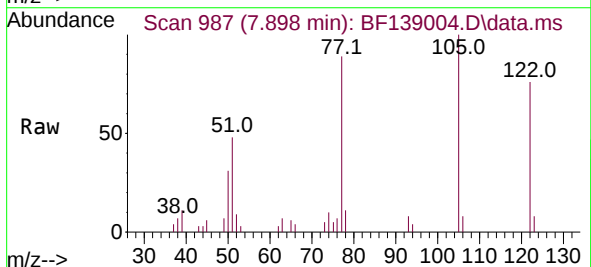
Manual Integrations
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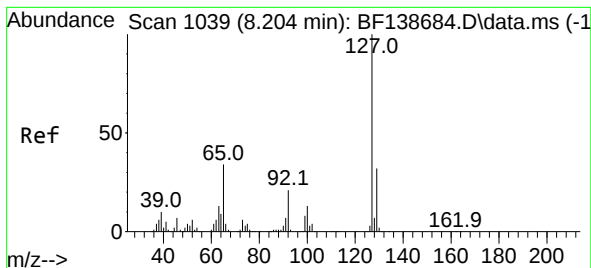
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 11.326 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

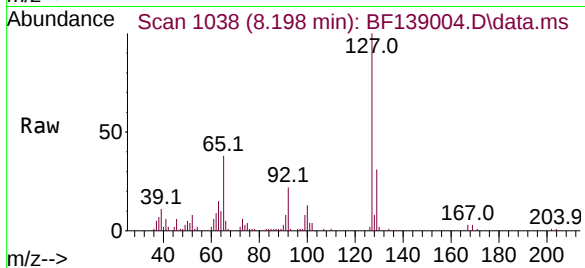
Tgt Ion:122 Resp: 10827
Ion Ratio Lower Upper
122 100
105 131.6 106.7 146.7
77 117.7 81.1 121.1





#33
4-Chloroaniline
Concen: 24.990 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

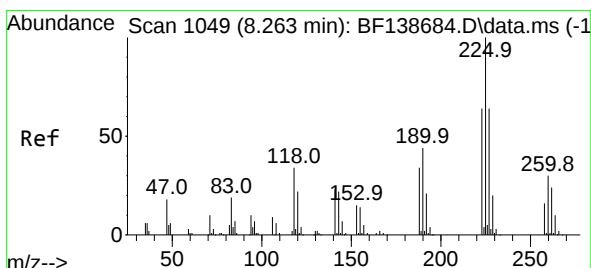
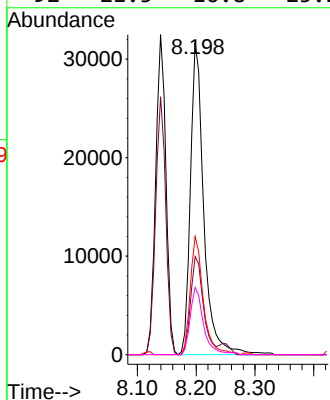
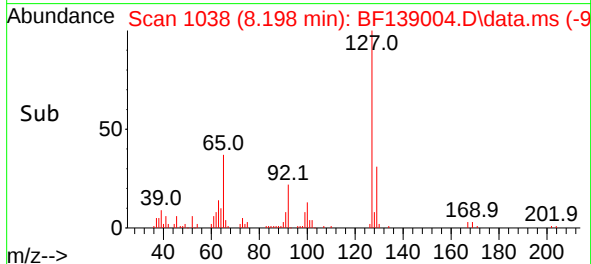
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:127 Resp: 5012
Ion Ratio Lower Upper
127 100
129 31.5 25.9 38.9
65 37.9 27.6 41.4
92 21.5 16.8 25.2

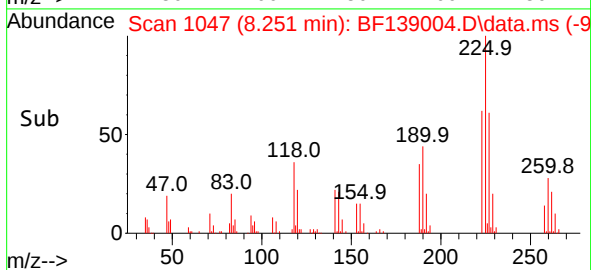
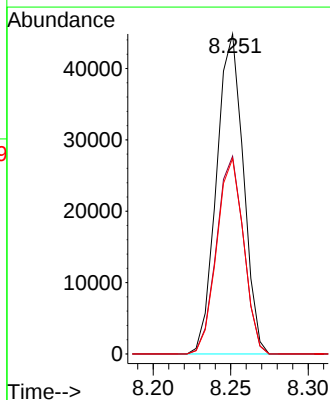
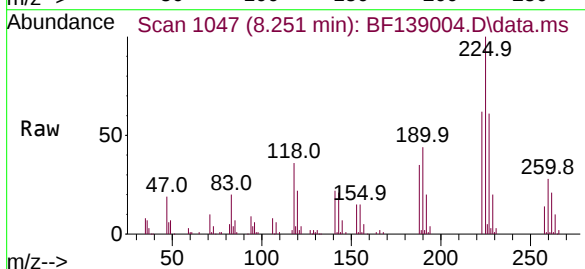
Manual Integrations
APPROVED

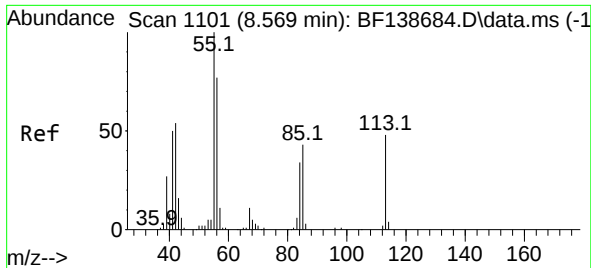
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 49.521 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion:225 Resp: 54091
Ion Ratio Lower Upper
225 100
223 61.8 51.2 76.8
227 61.1 51.1 76.7





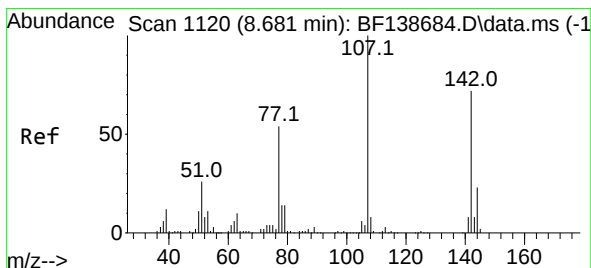
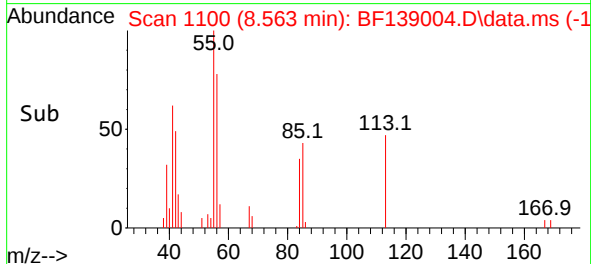
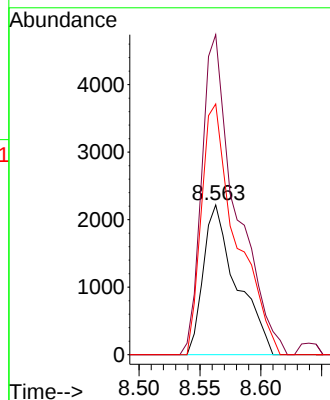
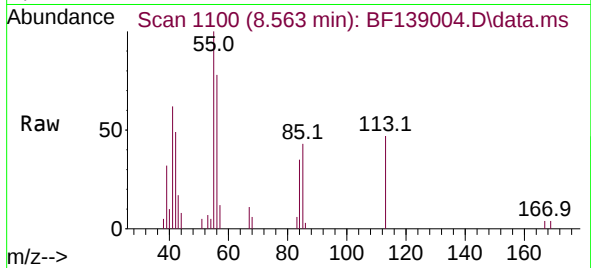
#35
Caprolactam
Concen: 9.076 ng
RT: 8.563 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS

Tgt Ion:113 Resp: 423
Ion Ratio Lower Upper
113 100
55 213.6 186.7 226.7
56 167.4 138.9 178.9

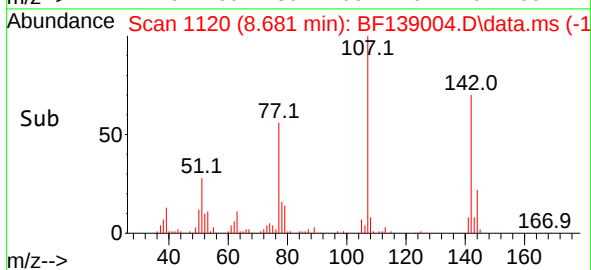
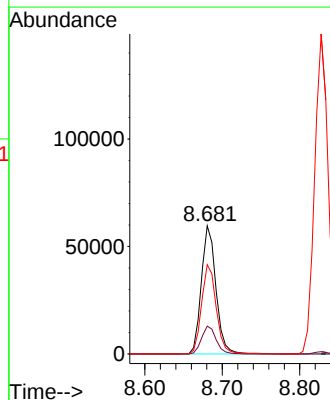
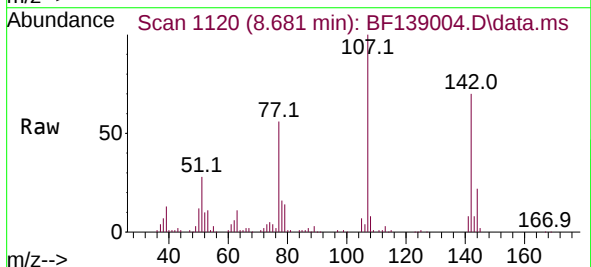
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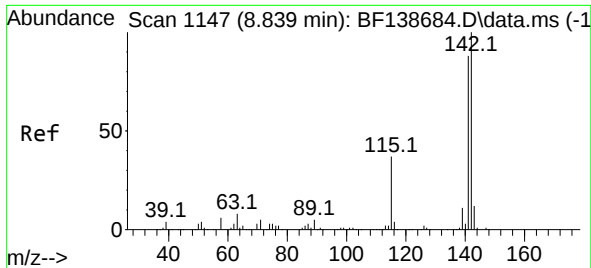
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#36
4-Chloro-3-methylphenol
Concen: 43.688 ng
RT: 8.681 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

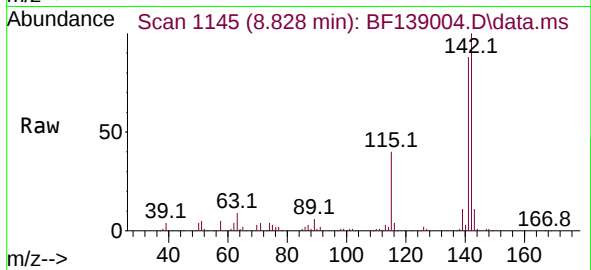
Tgt Ion:107 Resp: 78022
Ion Ratio Lower Upper
107 100
144 21.7 18.2 27.2
142 69.7 57.4 86.2





#37
2-Methylnaphthalene
Concen: 47.482 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

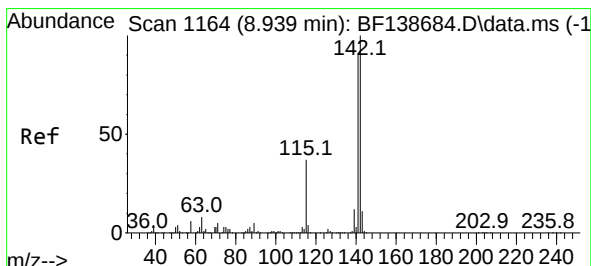
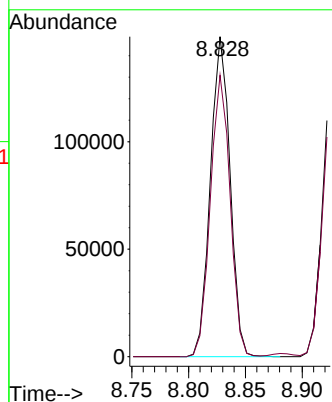
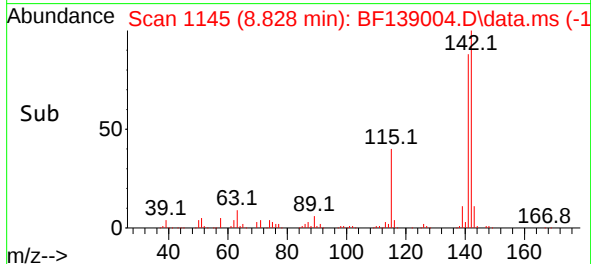
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:142 Resp: 17916
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2

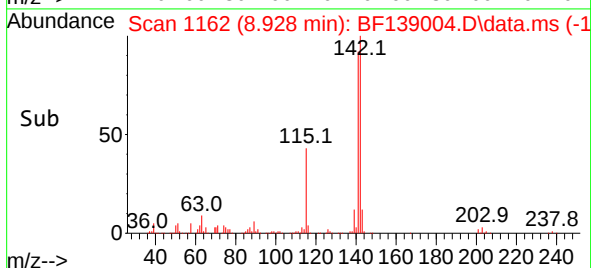
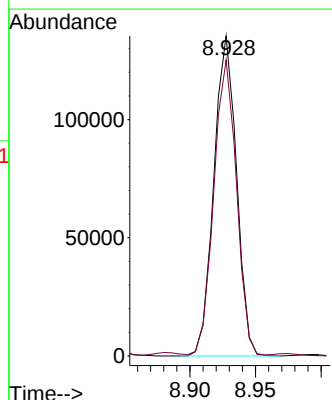
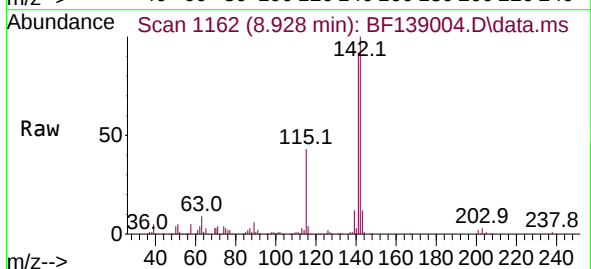
Manual Integrations
APPROVED

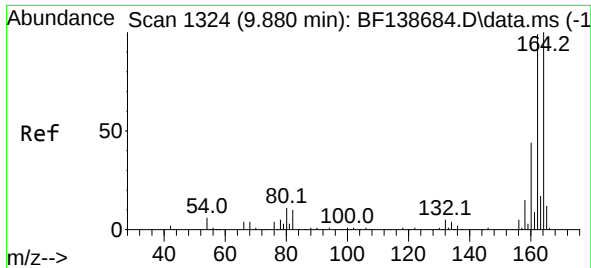
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 43.886 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion:142 Resp: 162272
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. -0.011 min

Lab File: BF139004.D

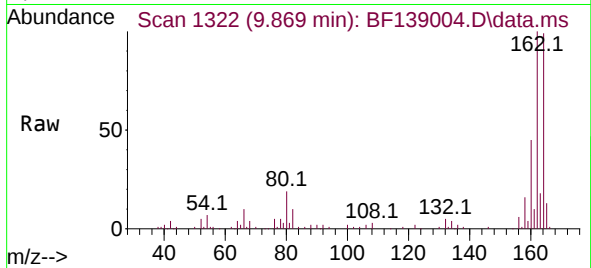
Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

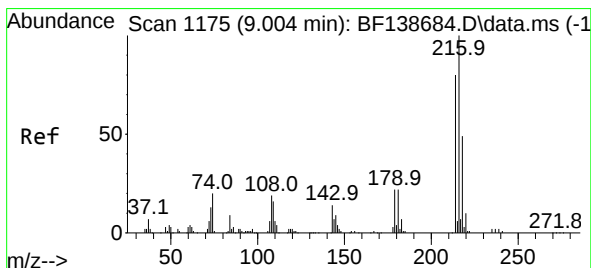
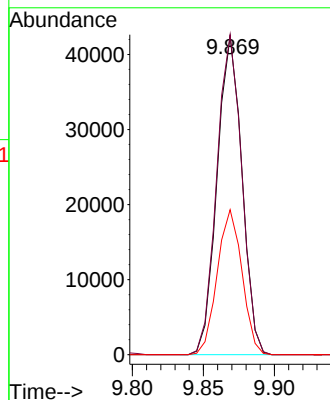


Tgt Ion:164	Resp:	5151
Ion Ratio	Lower	Upper
164	100	
162	100.5	79.4 119.0
160	45.5	35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.698 ng

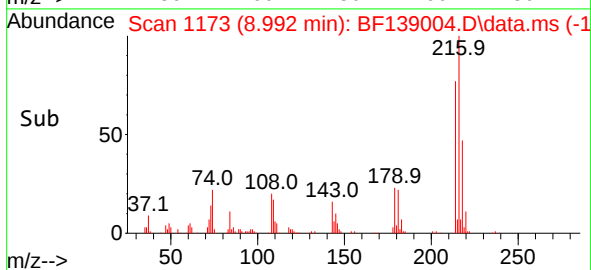
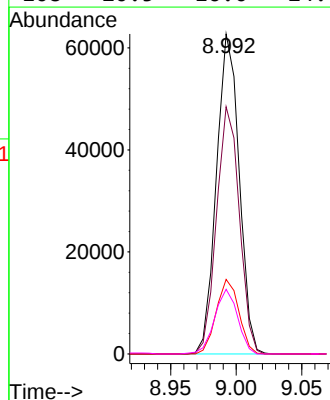
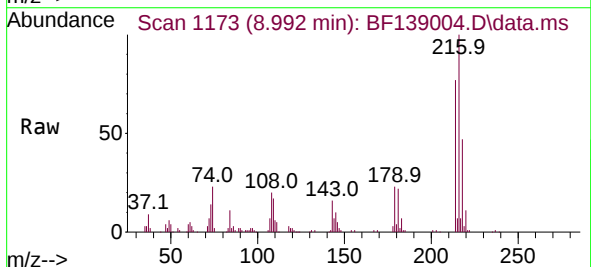
RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

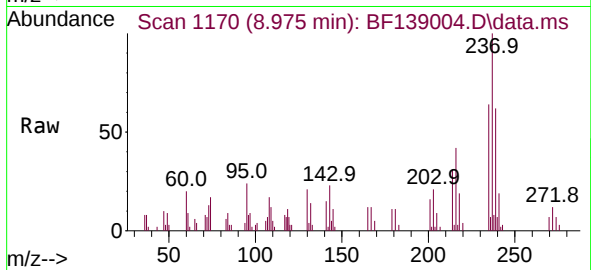
Tgt Ion:216	Resp:	75412
Ion Ratio	Lower	Upper
216	100	
214	77.4	63.9 95.9
179	23.2	17.8 26.6
108	20.5	16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 27.200 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

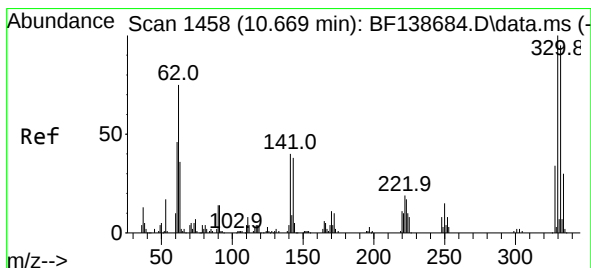
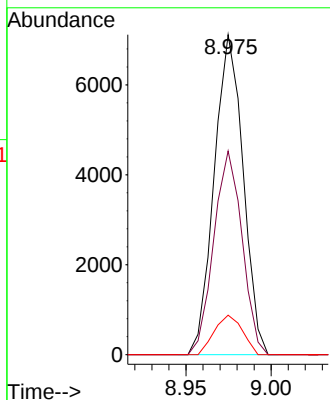
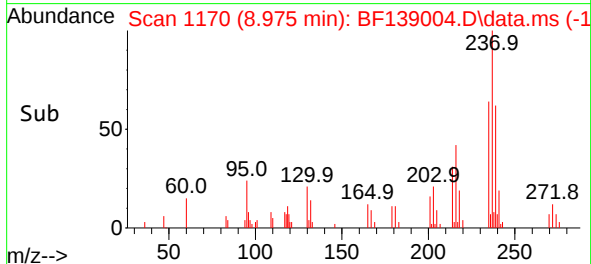
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



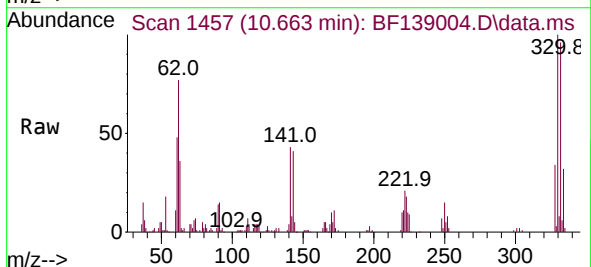
Tgt Ion: 237 Resp: 839
Ion Ratio Lower Upper
237 100
235 63.6 41.8 81.8
272 12.4 0.0 32.2

Manual Integrations
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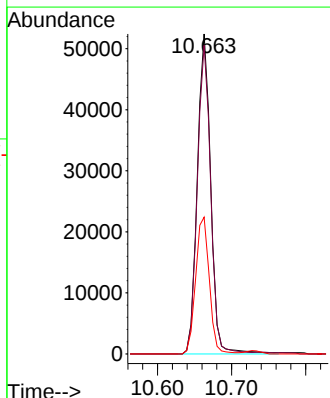
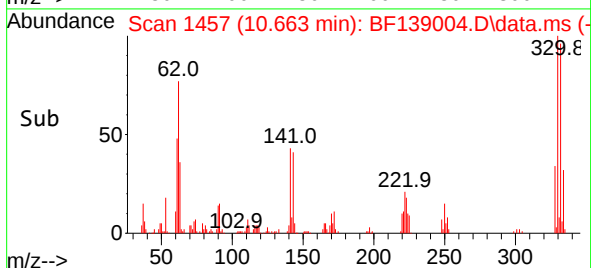
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

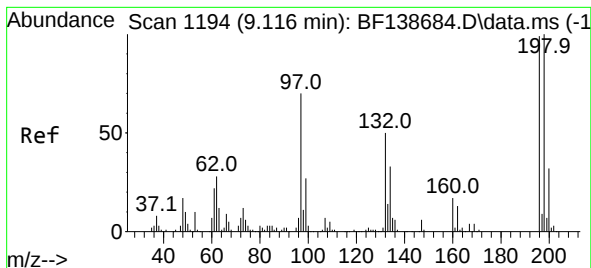


#42
2,4,6-Tribromophenol
Concen: 156.909 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



Tgt Ion: 330 Resp: 66212
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 43.5 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 55.446 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139004.D

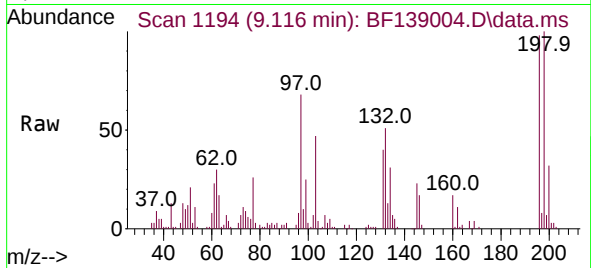
Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

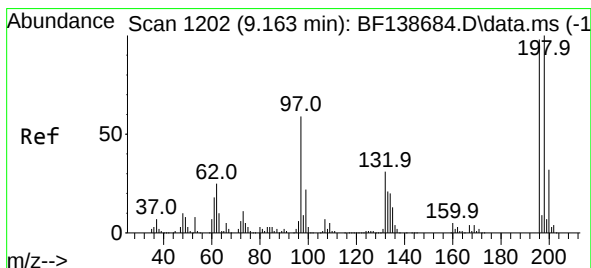
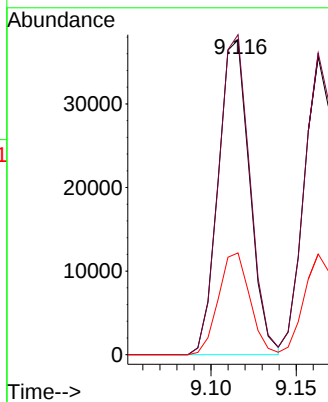
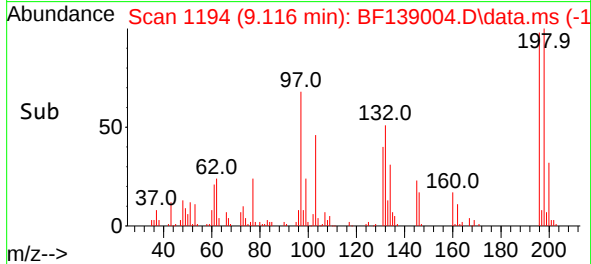


Tgt Ion:196	Resp:	4837
Ion Ratio	Lower	Upper
196	100	
198	101.7	80.5 120.7
200	32.3	25.9 38.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#44

2,4,5-Trichlorophenol

Concen: 52.173 ng

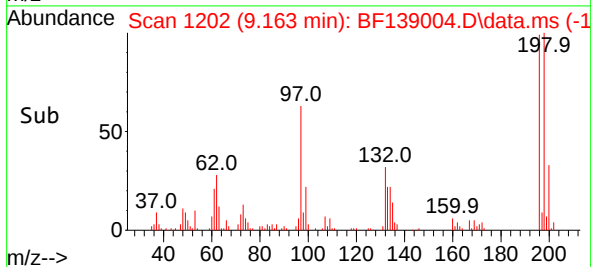
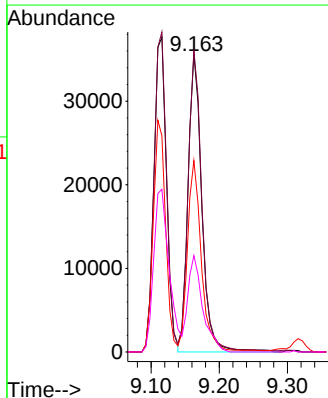
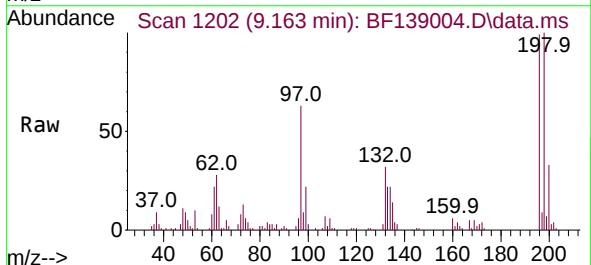
RT: 9.163 min Scan# 1202

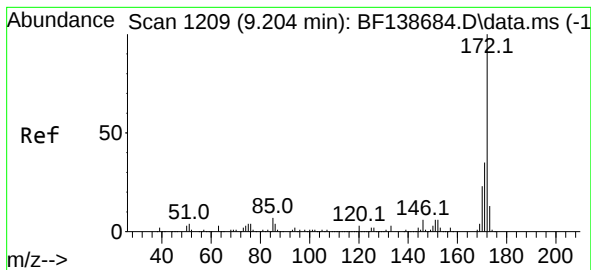
Delta R.T. -0.000 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

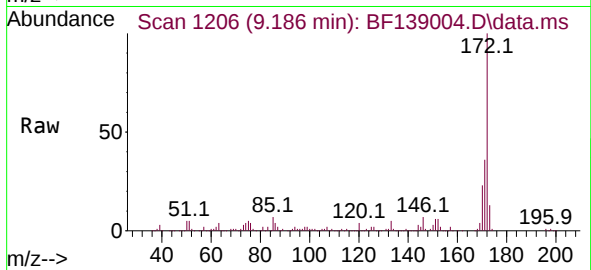
Tgt Ion:196	Resp:	49765
Ion Ratio	Lower	Upper
196	100	
198	101.3	81.2 121.8
97	64.2	47.8 71.6
132	32.3	25.3 37.9





#45
2-Fluorobiphenyl
Concen: 102.583 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

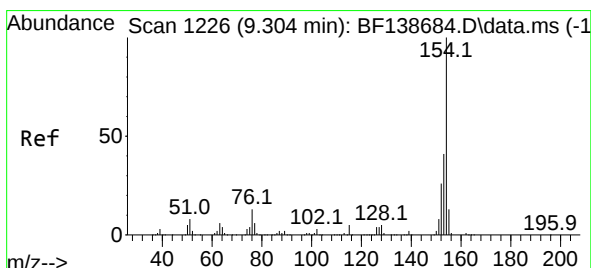
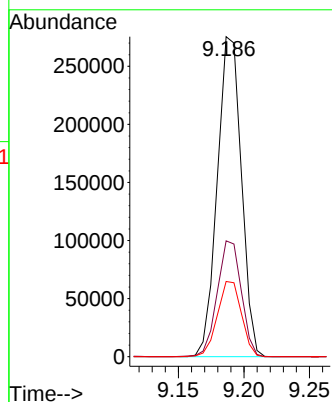
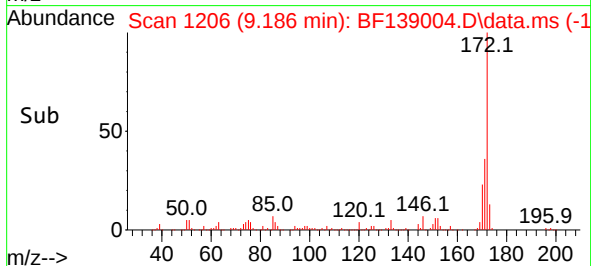
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:172 Resp: 35171
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 18.8 28.2

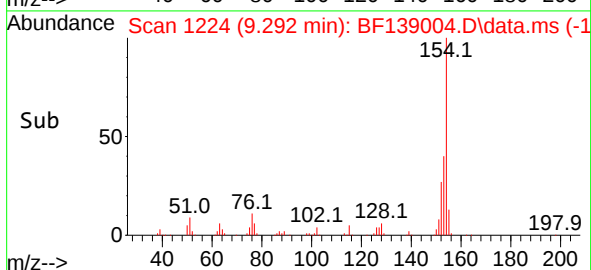
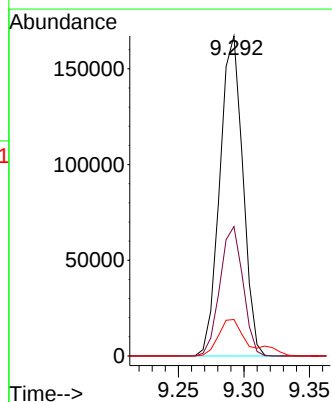
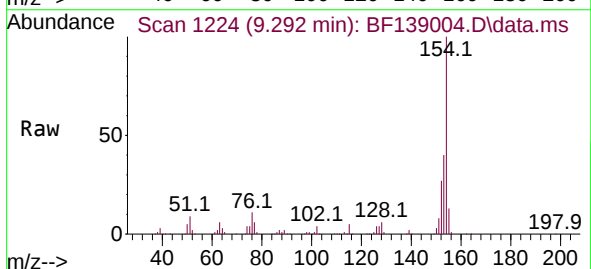
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 50.524 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

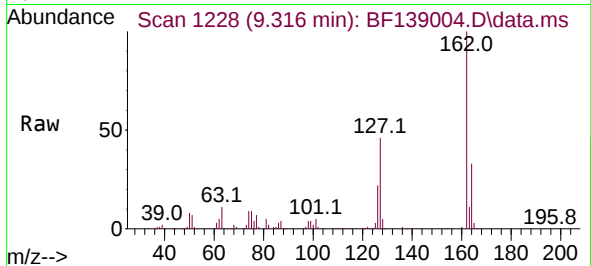
Tgt Ion:154 Resp: 203844
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.4 0.0 32.8





#47
2-Chloronaphthalene
Concen: 53.590 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

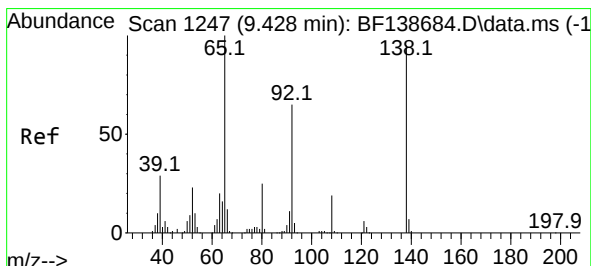
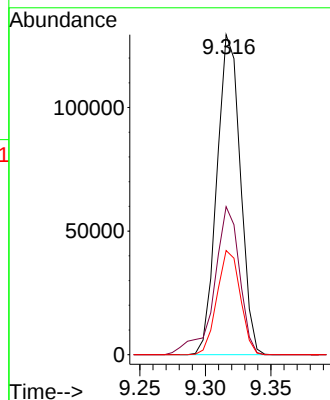
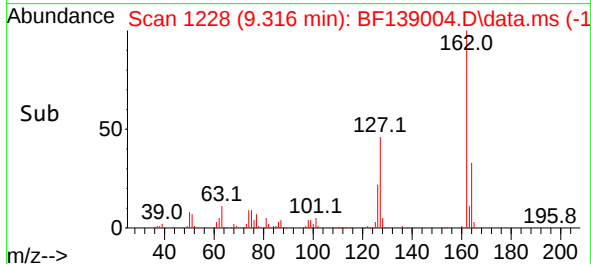
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:162 Resp: 16080
Ion Ratio Lower Upper
162 100
127 46.3 35.4 53.2
164 32.6 25.6 38.4

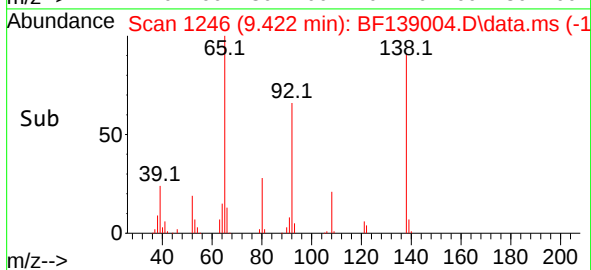
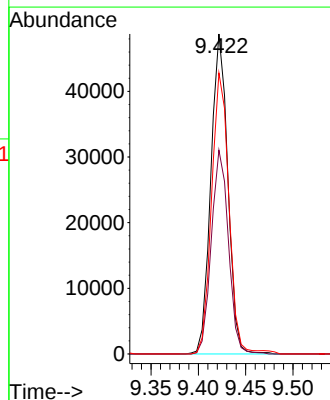
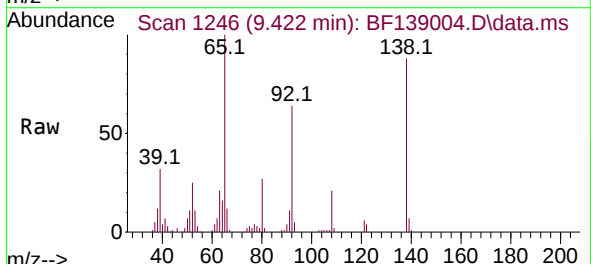
Manual Integrations
APPROVED

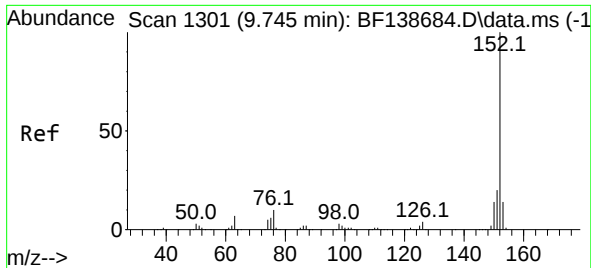
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 59.416 ng
RT: 9.422 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

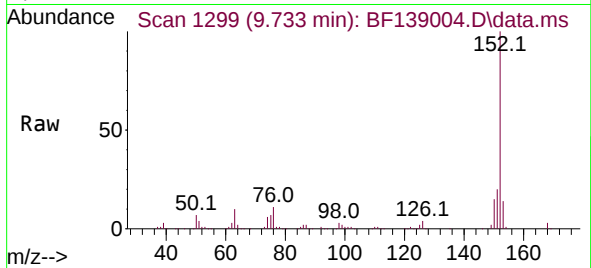
Tgt Ion: 65 Resp: 60441
Ion Ratio Lower Upper
65 100
92 63.7 52.0 78.0
138 87.8 76.2 114.4





#49
Acenaphthylene
Concen: 56.442 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

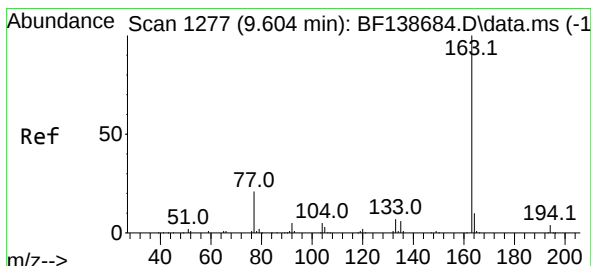
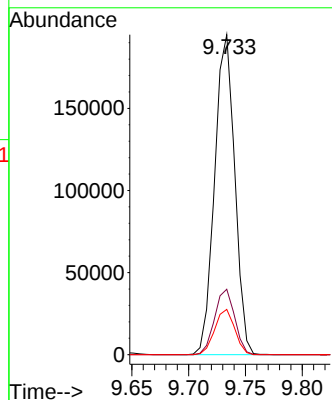
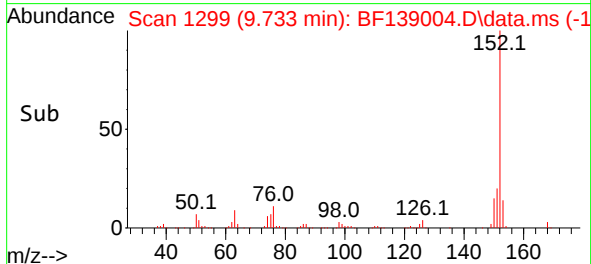
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



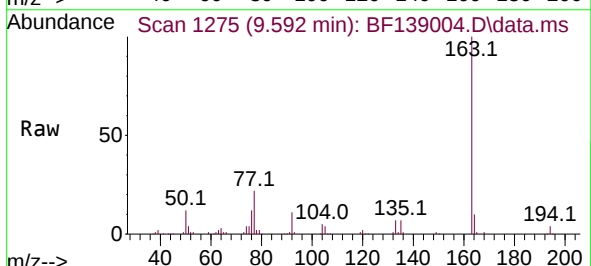
Tgt Ion:152 Resp: 24020
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.1 11.0 16.4

Manual Integrations
APPROVED

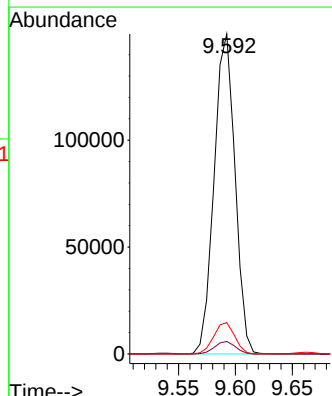
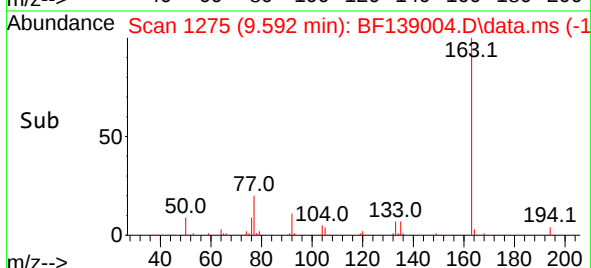
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

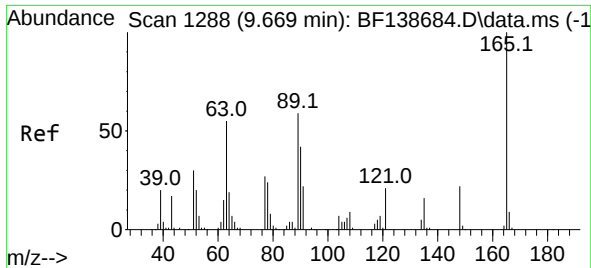


#50
Dimethylphthalate
Concen: 58.201 ng
RT: 9.592 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



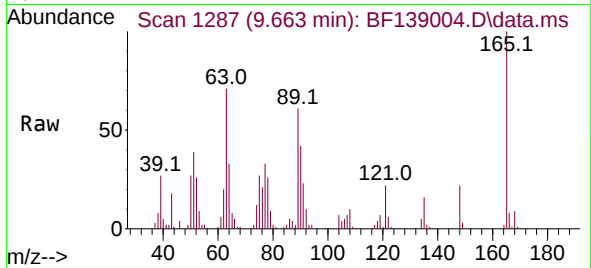
Tgt Ion:163 Resp: 191710
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 56.199 ng
RT: 9.663 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

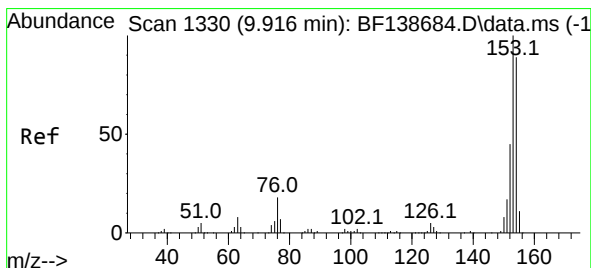
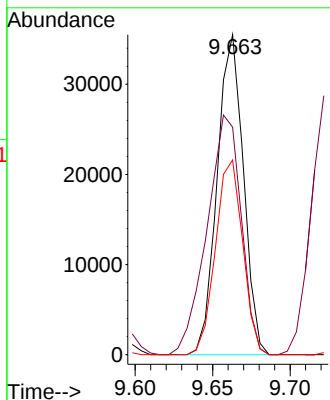
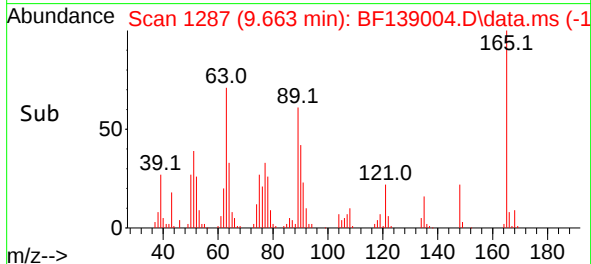
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:165 Resp: 41777
Ion Ratio Lower Upper
165 100
63 71.1 52.0 78.0
89 60.8 47.0 70.6

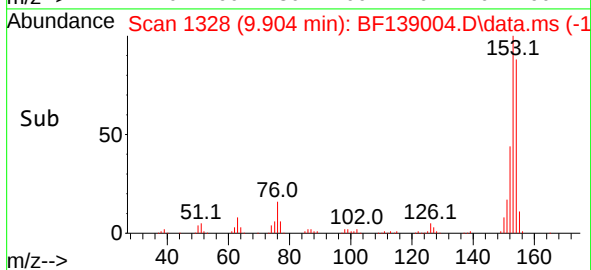
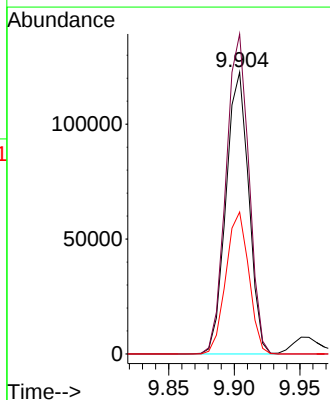
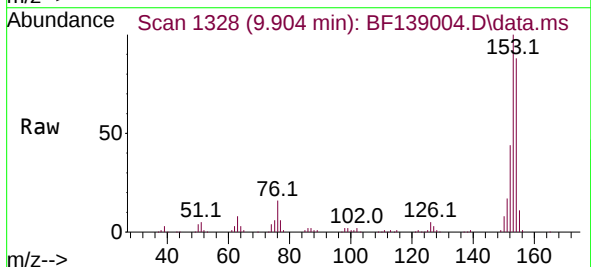
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 51.819 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

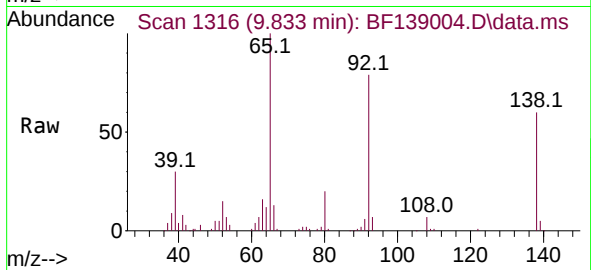
Tgt Ion:154 Resp: 148246
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 50.4 40.6 60.8





#53
3-Nitroaniline
Concen: 42.929 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

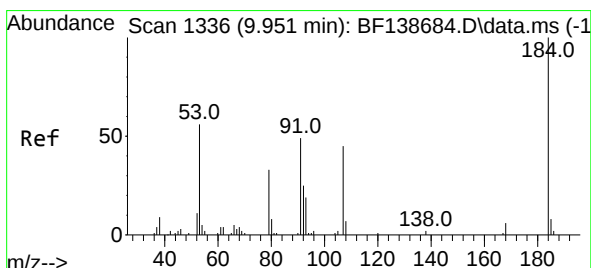
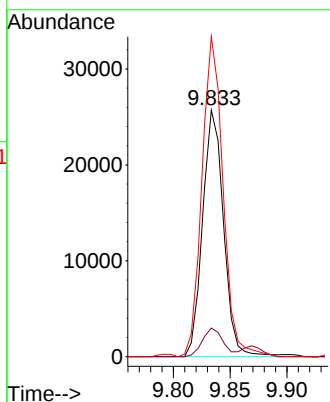
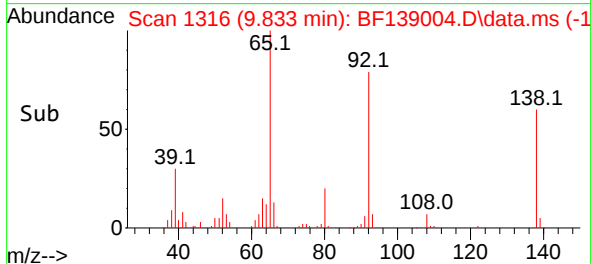
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:138 Resp: 32990
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 129.8 98.7 148.1

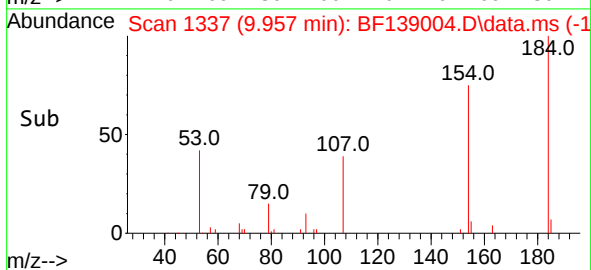
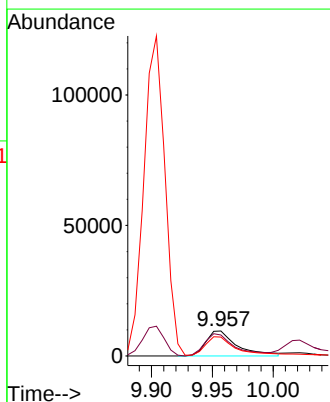
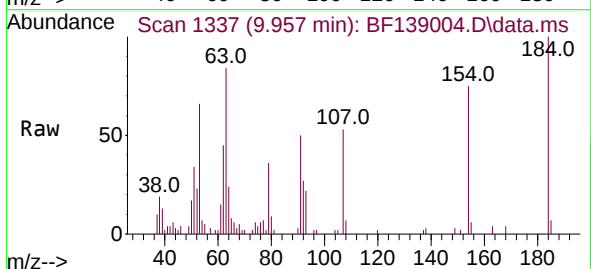
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 49.912 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

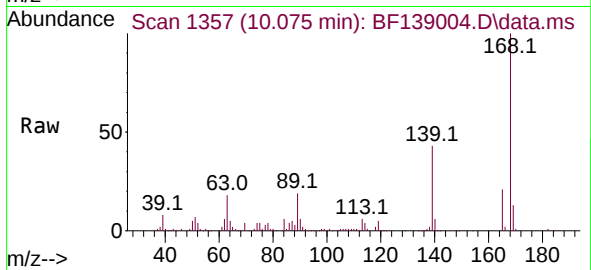
Tgt Ion:184 Resp: 17080
Ion Ratio Lower Upper
184 100
63 83.9 57.5 86.3
154 75.3 51.7 77.5





#55
Dibenzofuran
Concen: 55.458 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

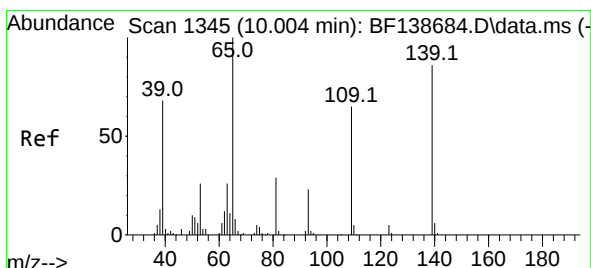
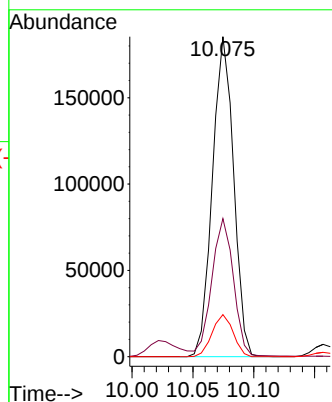
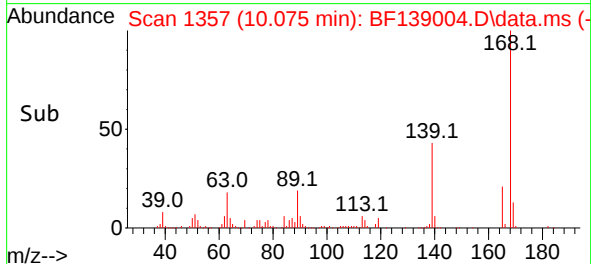
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:168 Resp: 223960
Ion Ratio Lower Upper
168 100
139 43.2 32.6 49.0
169 13.1 10.7 16.1

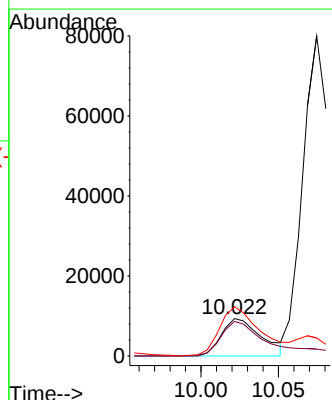
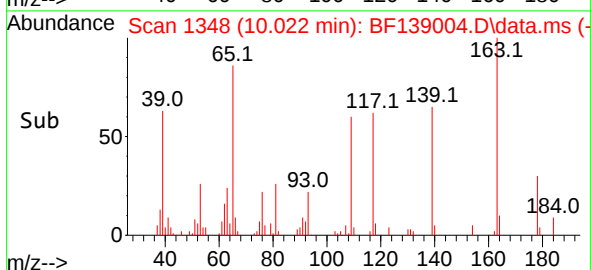
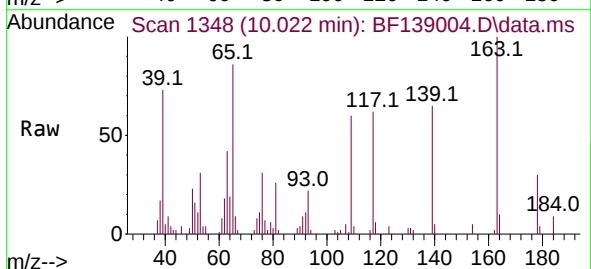
Manual Integrations
APPROVED

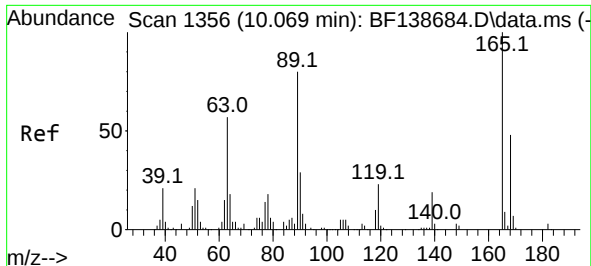
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 35.942 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

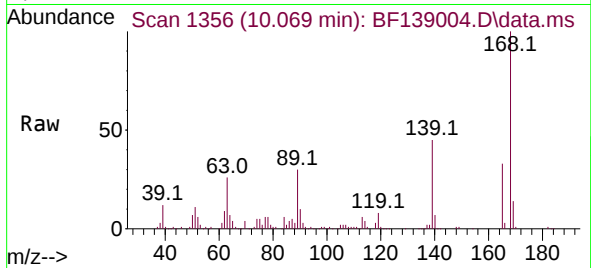
Tgt Ion:139 Resp: 16610
Ion Ratio Lower Upper
139 100
109 92.4 55.5 95.5
65 131.8 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 58.431 ng
RT: 10.069 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

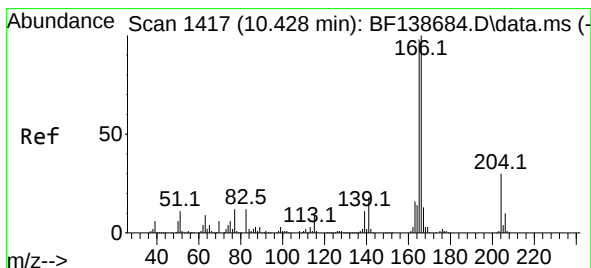
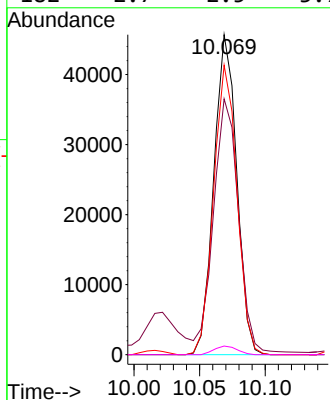
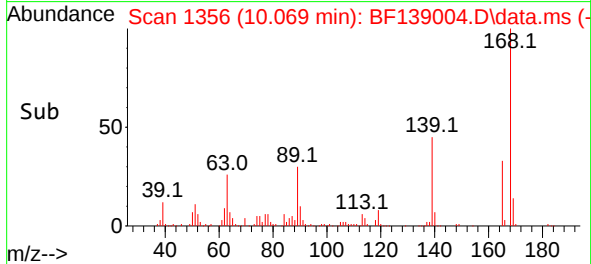
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:165 Resp: 55418
Ion Ratio Lower Upper
165 100
63 80.0 46.3 69.5
89 90.4 64.2 96.4
182 2.7 2.5 3.7

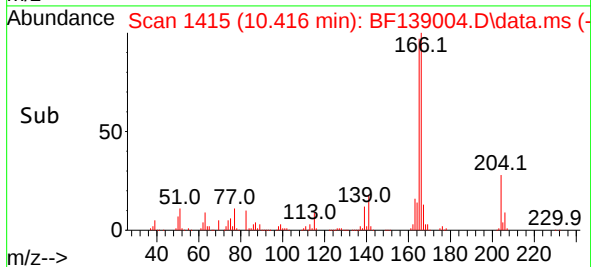
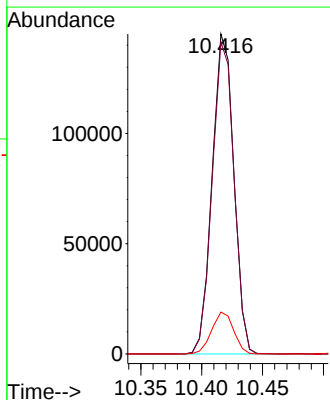
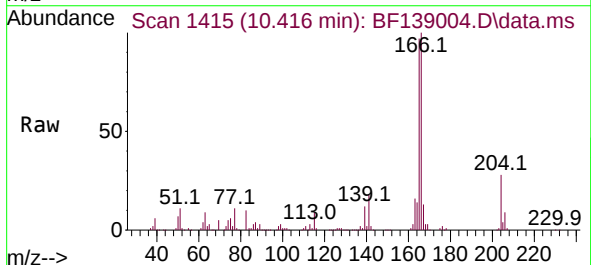
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 55.844 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

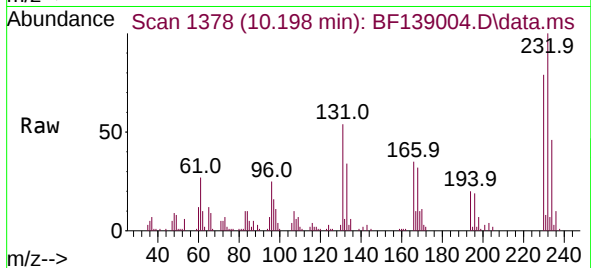
Tgt Ion:166 Resp: 179589
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.559 ng
RT: 10.198 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

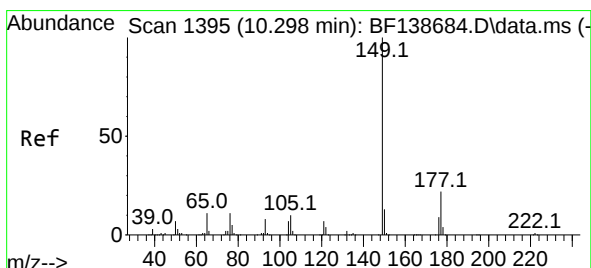
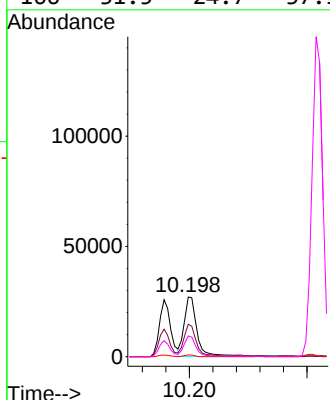
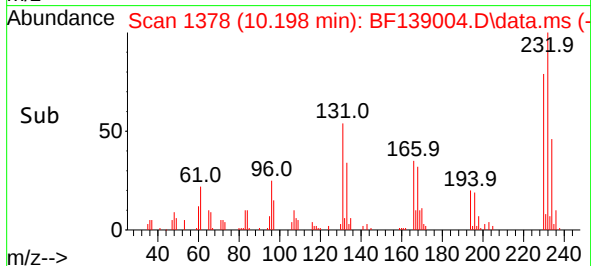
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:232 Resp: 4051
Ion Ratio Lower Upper
232 100
131 51.3 37.0 55.4
130 2.3 2.0 3.0
166 31.5 24.7 37.1

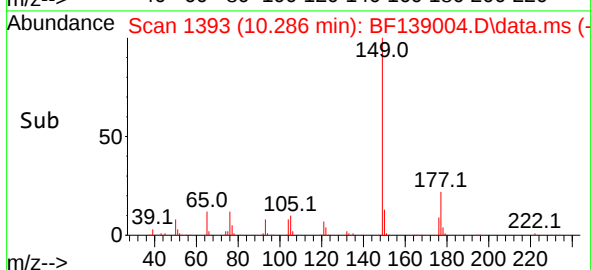
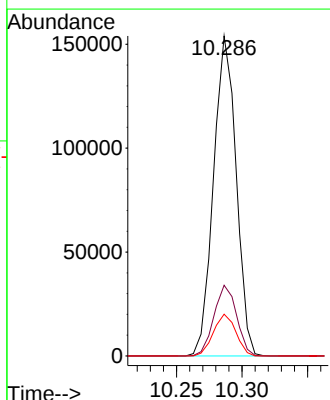
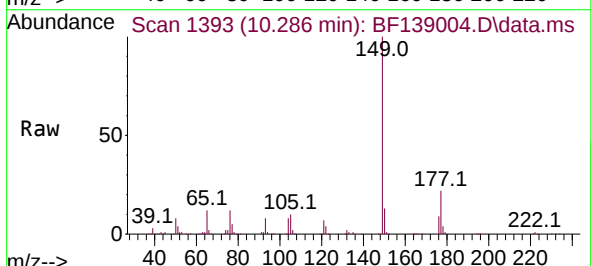
Manual Integrations
APPROVED

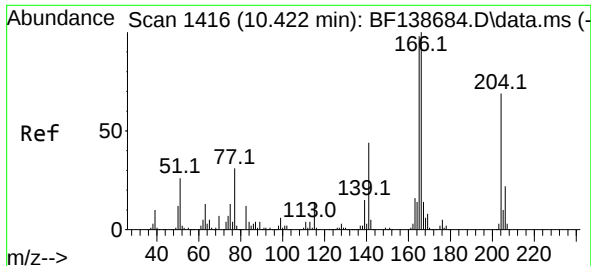
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#60
Diethylphthalate
Concen: 59.168 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

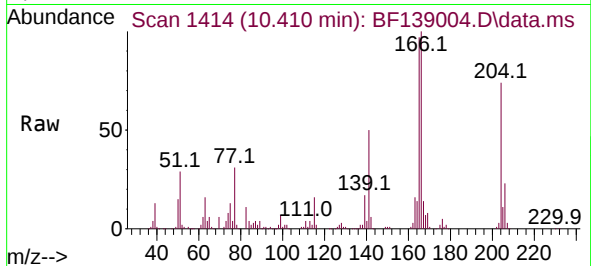
Tgt Ion:149 Resp: 184795
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 55.223 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

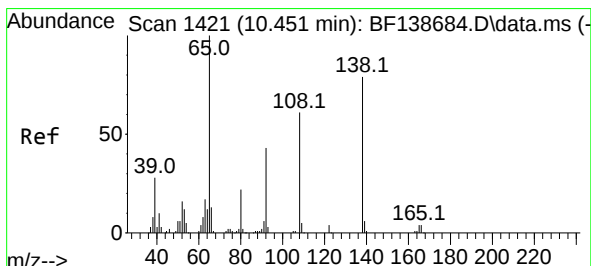
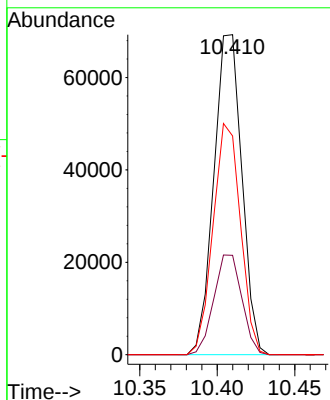
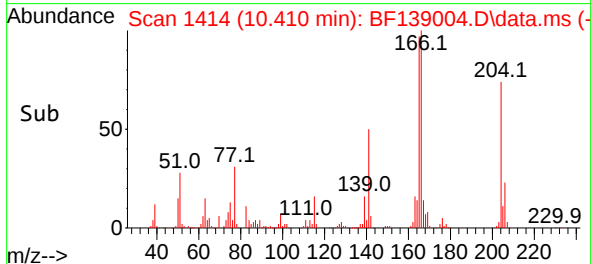
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



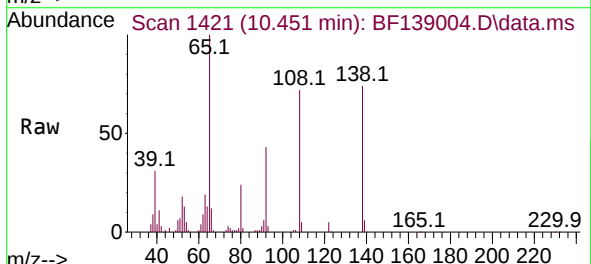
Tgt Ion:204 Resp: 8734
Ion Ratio Lower Upper
204 100
206 31.0 26.1 39.1
141 68.3 51.4 77.0

Manual Integrations
APPROVED

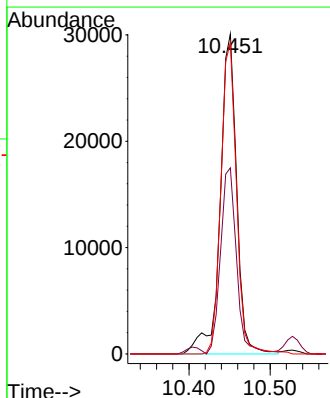
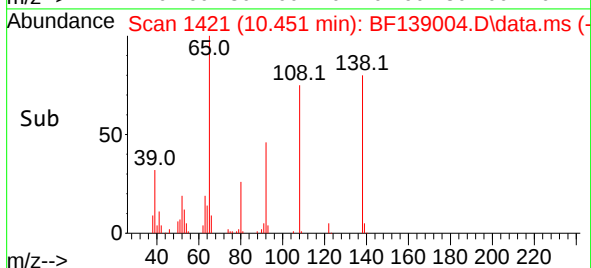
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

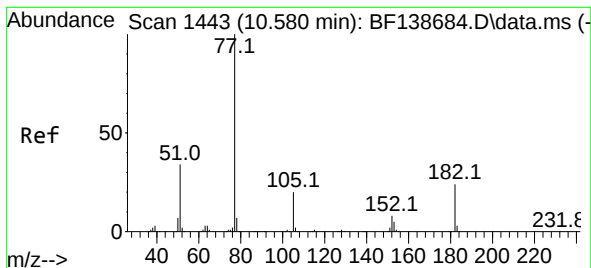


#62
4-Nitroaniline
Concen: 58.155 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



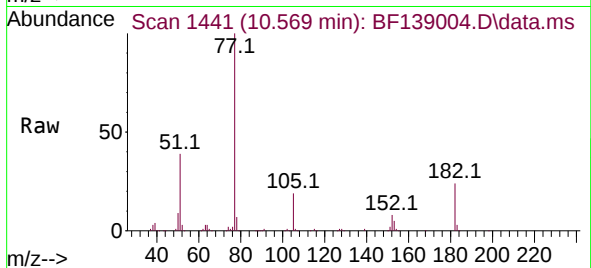
Tgt Ion:138 Resp: 42471
Ion Ratio Lower Upper
138 100
92 58.1 34.2 74.2
108 97.4 56.2 96.2#





#63
Azobenzene
Concen: 55.922 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

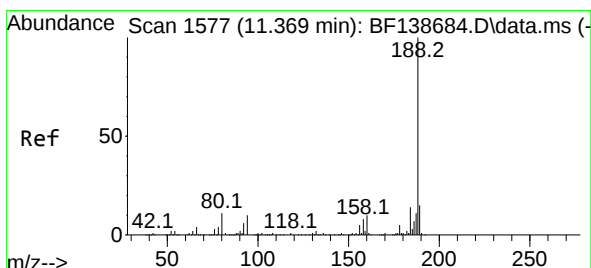
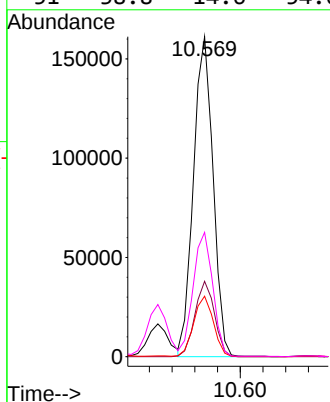
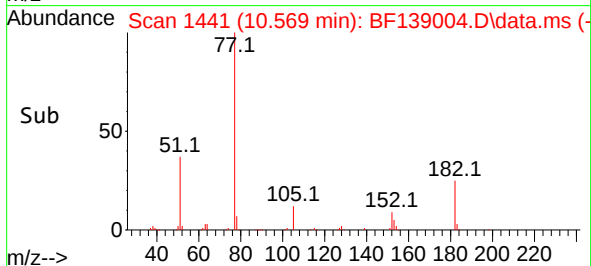
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion: 77 Resp: 19371
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 18.9 0.2 40.2
51 38.8 14.6 54.6

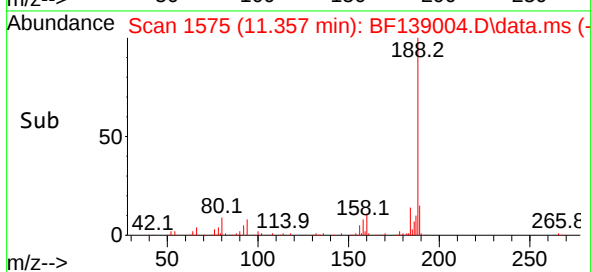
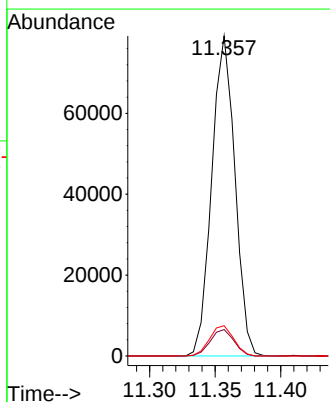
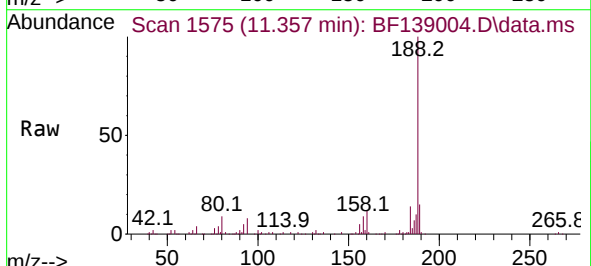
Manual Integrations
APPROVED

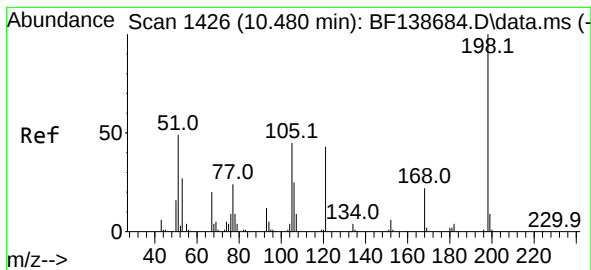
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

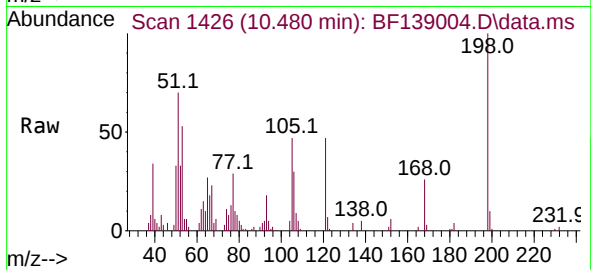
Tgt Ion:188 Resp: 97165
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.4 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 28.654 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

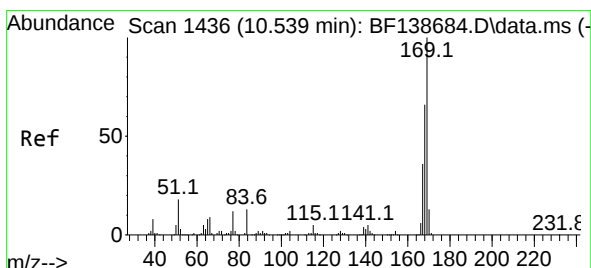
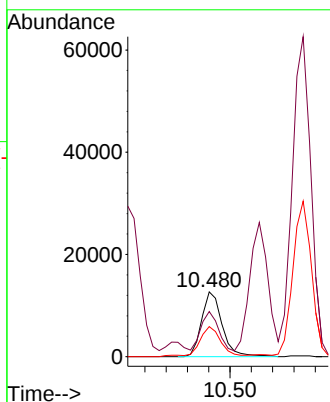
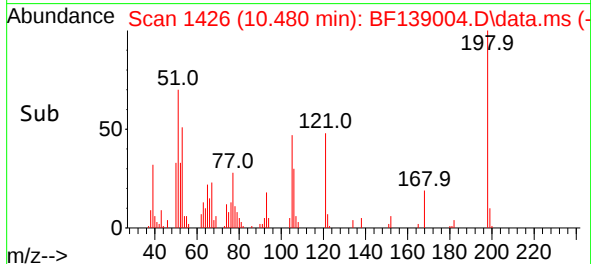
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



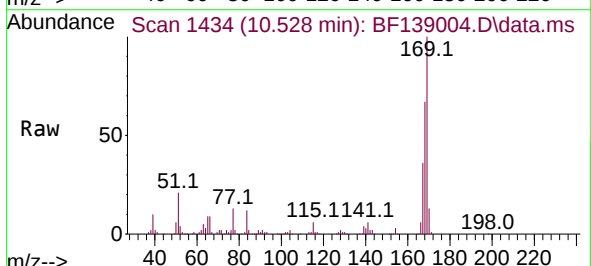
Tgt Ion:198 Resp: 16980
Ion Ratio Lower Upper
198 100
51 69.7 39.9 79.9
105 46.5 26.1 66.1

Manual Integrations
APPROVED

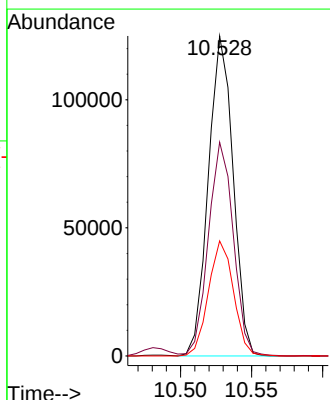
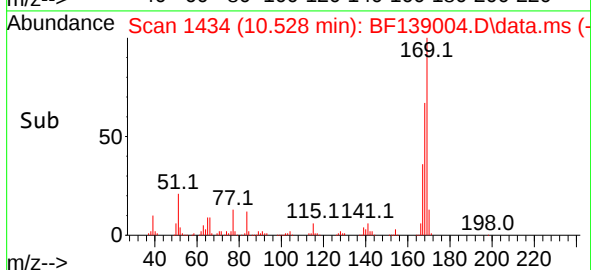
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

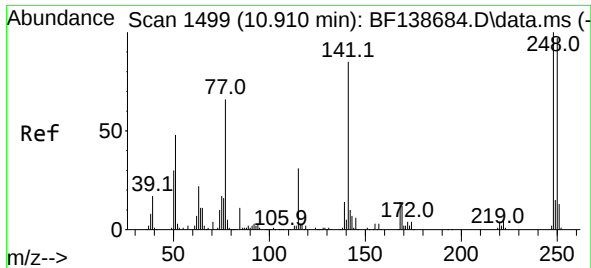


#66
n-Nitrosodiphenylamine
Concen: 49.925 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



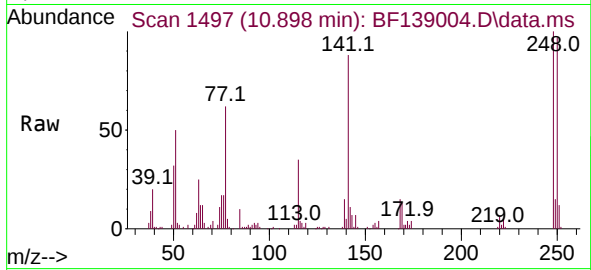
Tgt Ion:169 Resp: 151630
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.217 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

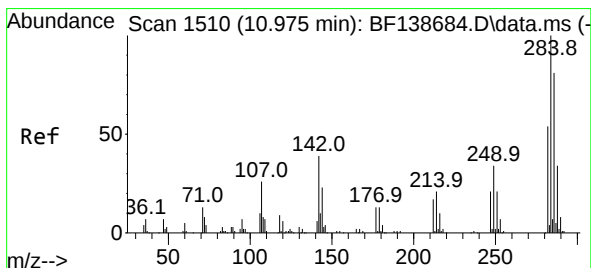
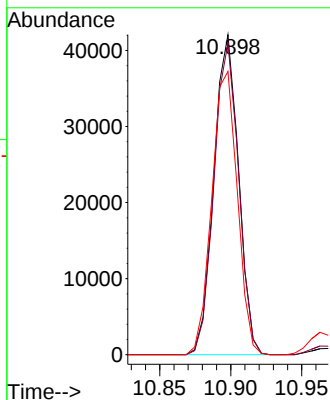
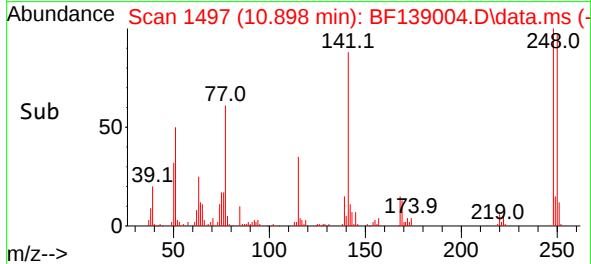
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



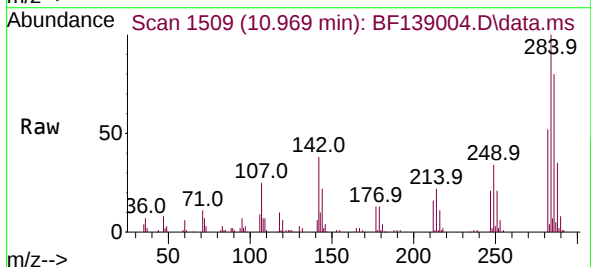
Tgt Ion:248 Resp: 50724
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 88.5 68.0 102.0

Manual Integrations
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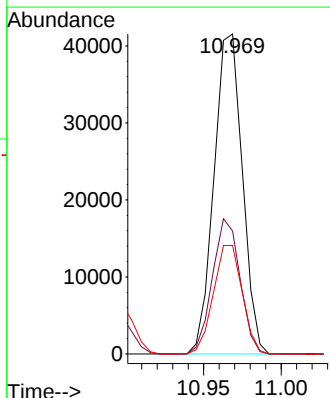
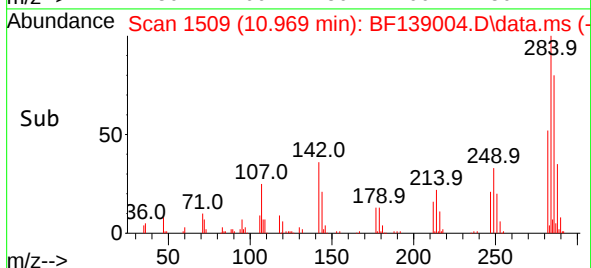
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#68
Hexachlorobenzene
Concen: 48.653 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



Tgt Ion:284 Resp: 52847
Ion Ratio Lower Upper
284 100
142 38.4 31.3 46.9
249 33.9 27.2 40.8





#69

Atrazine

Concen: 58.672 ng

RT: 11.057 min Scan# 11057

Delta R.T. -0.006 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

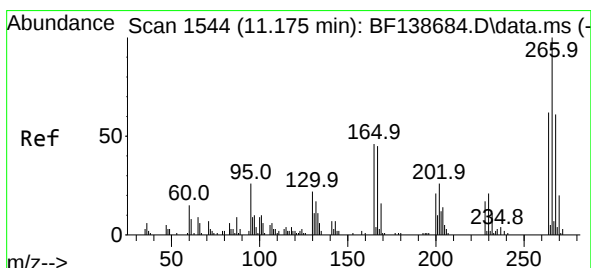
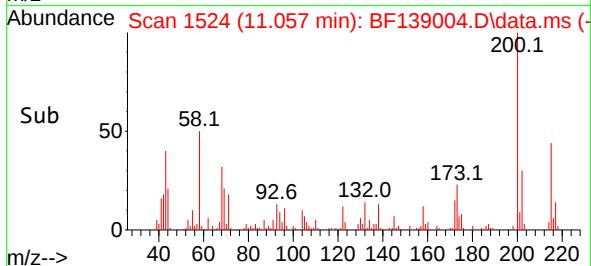
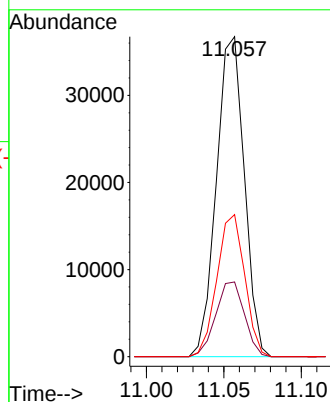
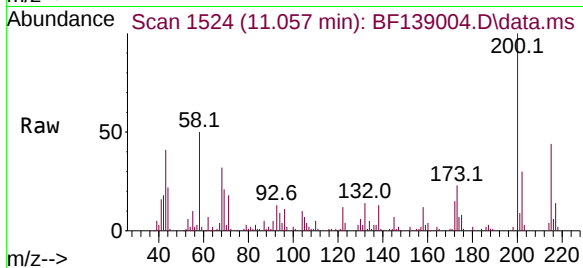
Tgt Ion:200 Resp: 45975

Ion	Ratio	Lower	Upper
200	100		
173	23.4	6.0	46.0
215	44.4	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 90.567 ng

RT: 11.169 min Scan# 1543

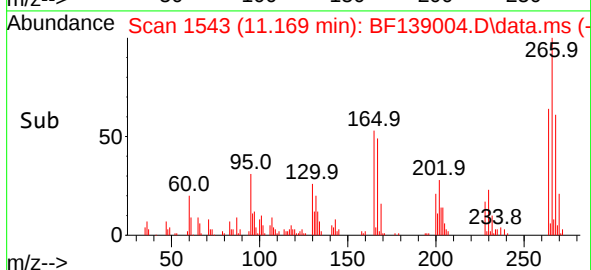
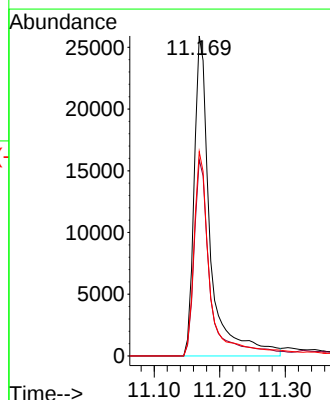
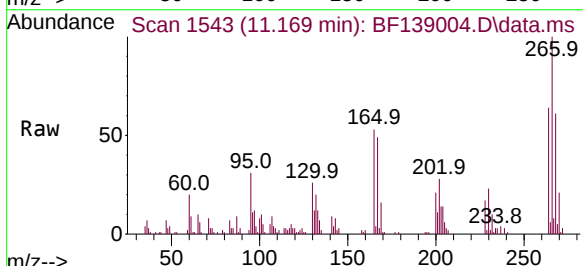
Delta R.T. -0.006 min

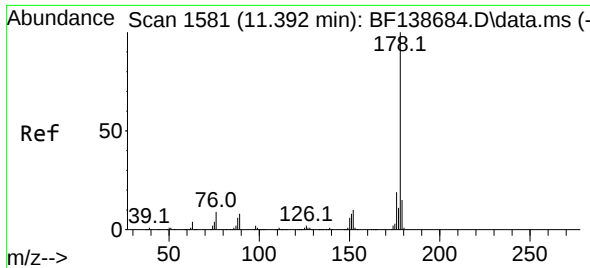
Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Tgt Ion:266 Resp: 44341

Ion	Ratio	Lower	Upper
266	100		
268	61.3	49.2	73.8
264	63.8	49.8	74.6





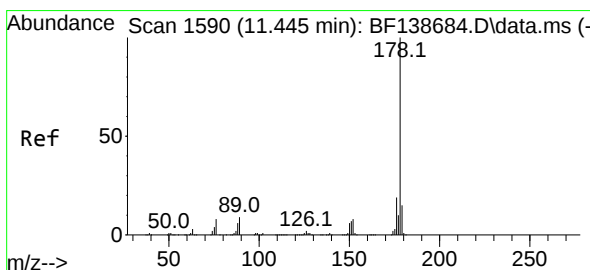
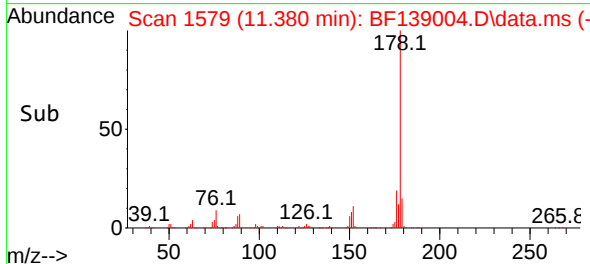
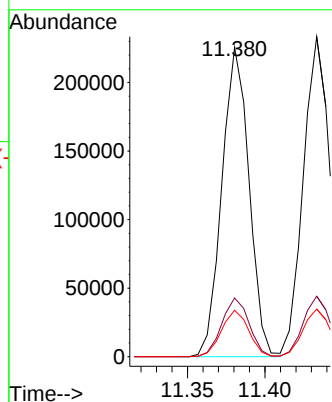
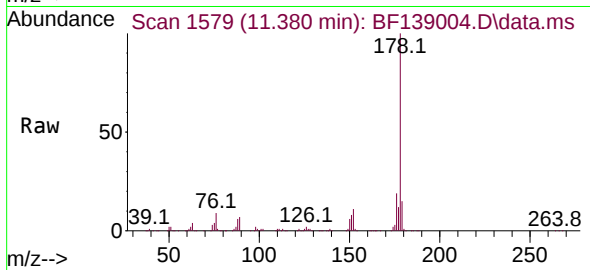
#71
Phenanthrene
Concen: 54.963 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS

Tgt Ion:178 Resp: 27499
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.0 12.2 18.2

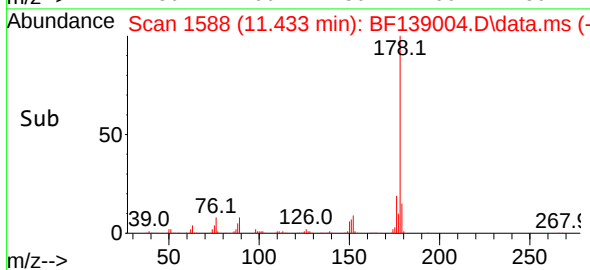
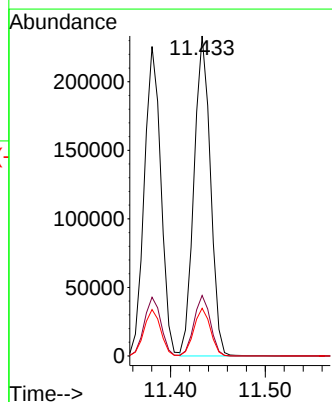
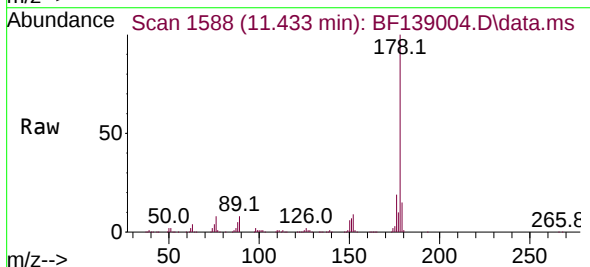
Manual Integrations
APPROVED

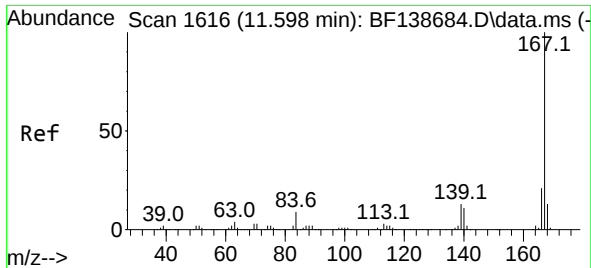
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#72
Anthracene
Concen: 57.242 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

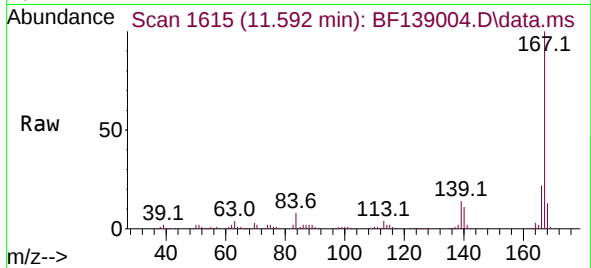
Tgt Ion:178 Resp: 282138
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.4 18.6





#73
 Carbazole
 Concen: 60.606 ng
 RT: 11.592 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF139004.D
 Acq: 14 Aug 2024 20:16

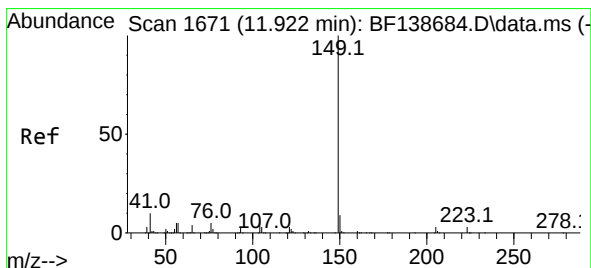
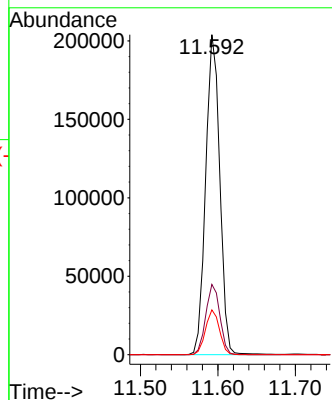
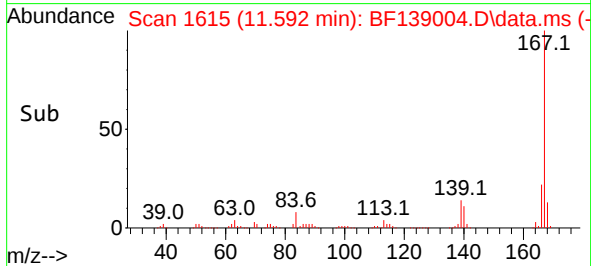
Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224MS



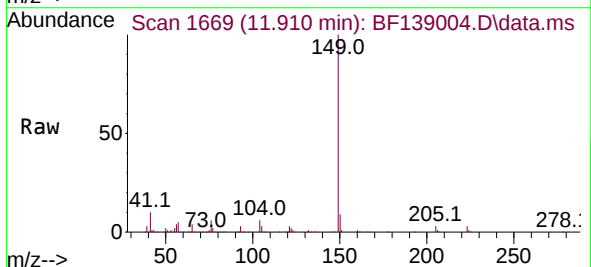
Tgt Ion:167 Resp: 257719
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 14.0 10.6 16.0

Manual Integrations
 APPROVED

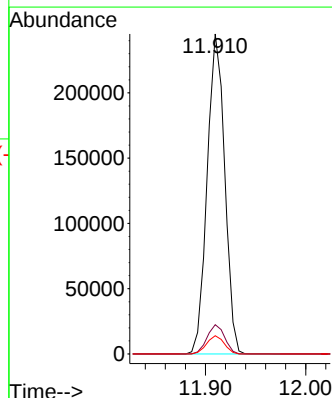
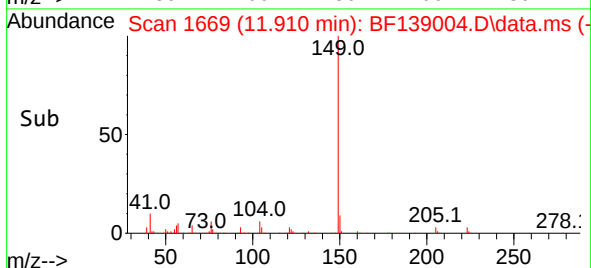
Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

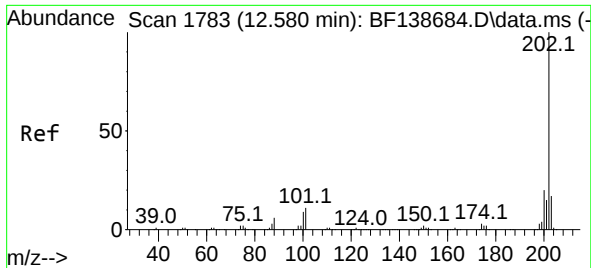


#74
 Di-n-butylphthalate
 Concen: 62.335 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139004.D
 Acq: 14 Aug 2024 20:16



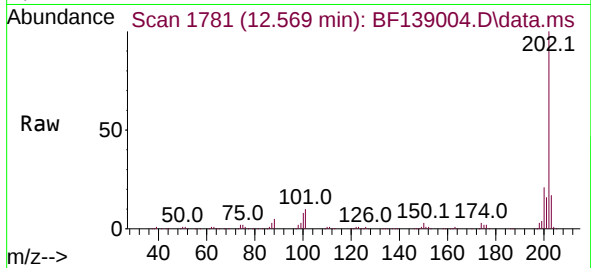
Tgt Ion:149 Resp: 297984
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.7 4.1 6.1





#75
Fluoranthene
Concen: 65.900 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

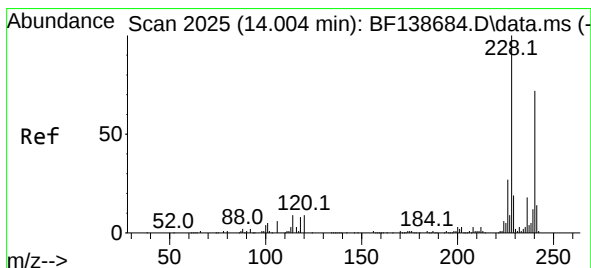
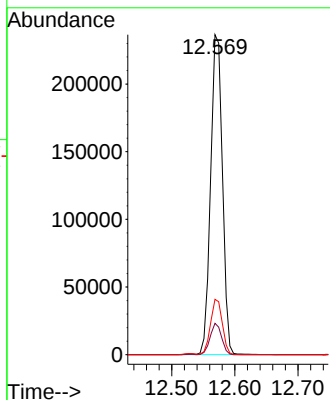
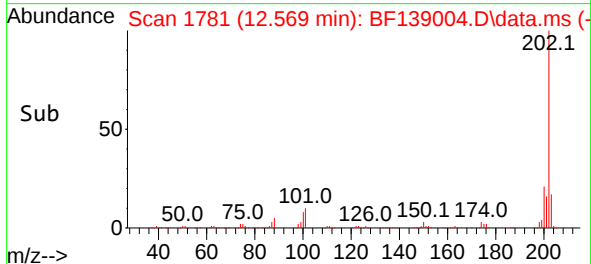
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:202 Resp: 30780
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.3 0.0 37.3

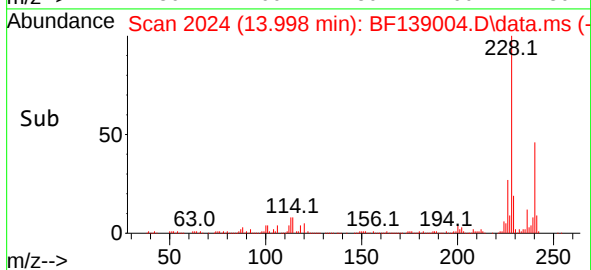
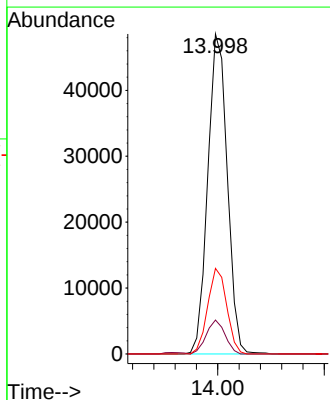
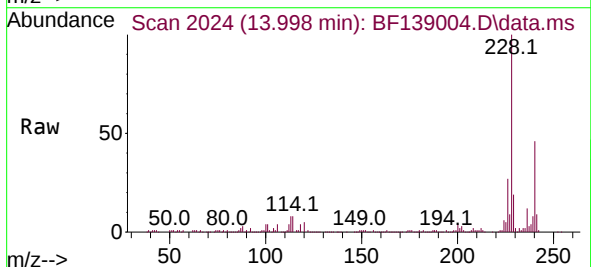
Manual Integrations
APPROVED

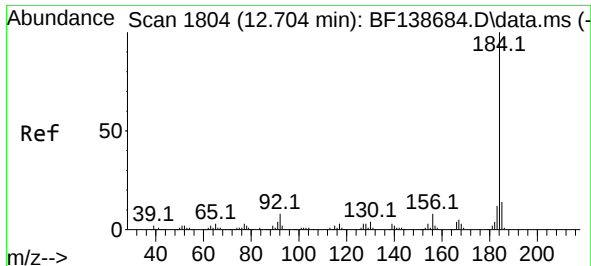
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

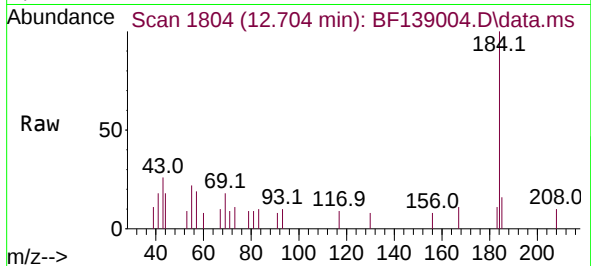
Tgt Ion:240 Resp: 61682
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.8 19.8 29.8





#77
Benzidine
Concen: 2.653 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

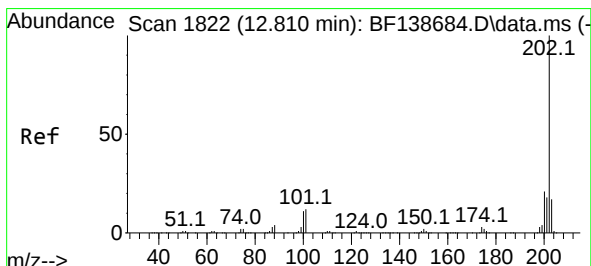
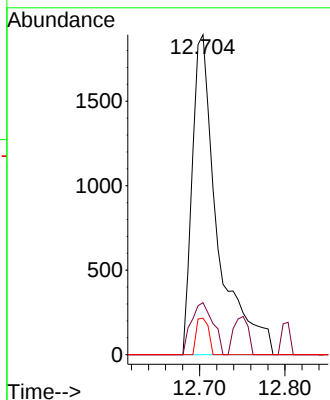
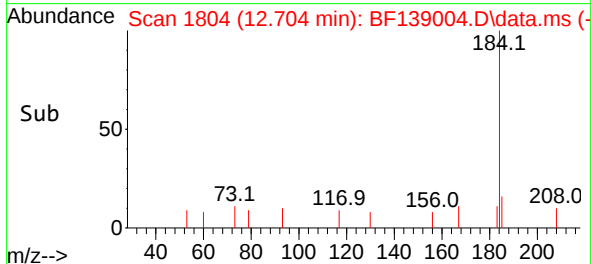
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:184 Resp: 3914
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 11.4 9.6 14.4

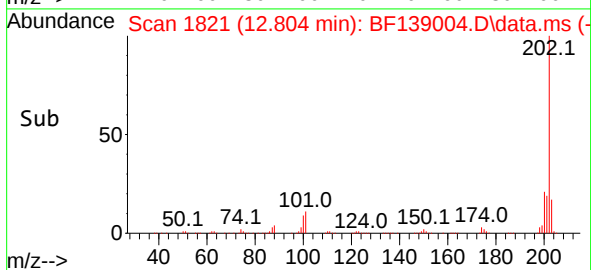
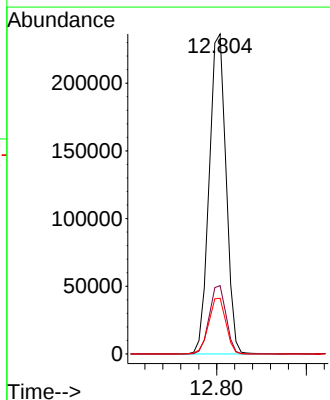
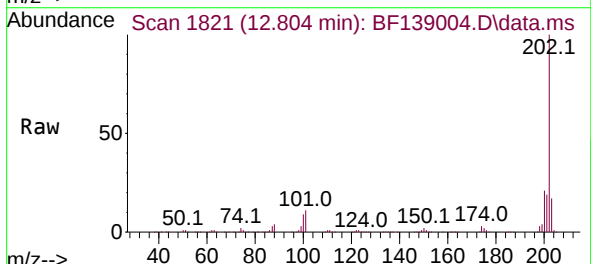
Manual Integrations
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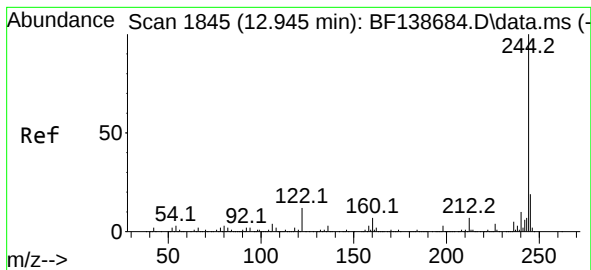
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#78
Pyrene
Concen: 53.102 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion:202 Resp: 308391
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 114.503 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139004.D

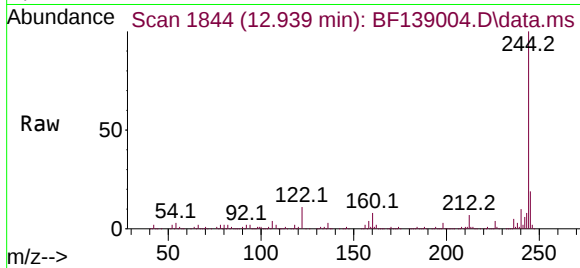
Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

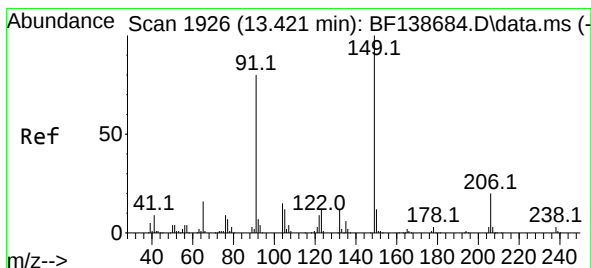
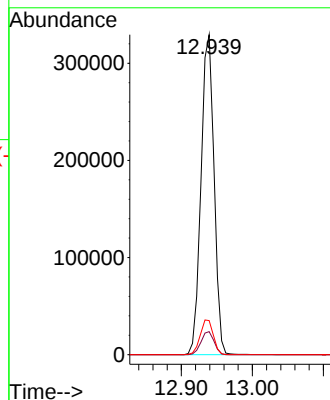
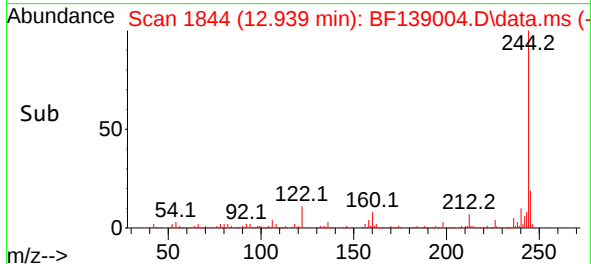


Tgt Ion:	244	Resp:	42184
Ion Ratio	100	Lower	Upper
212	7.2	5.4	8.2
122	10.6	9.6	14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#80

Butylbenzylphthalate

Concen: 70.812 ng

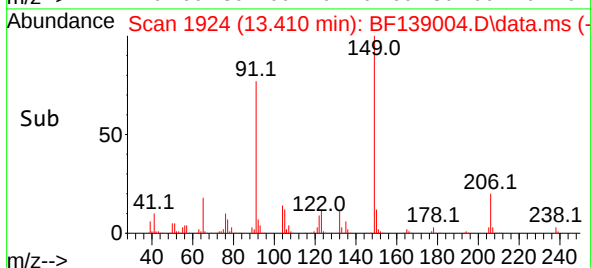
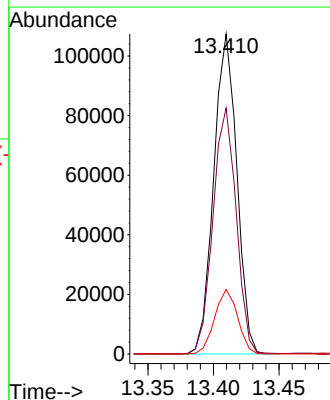
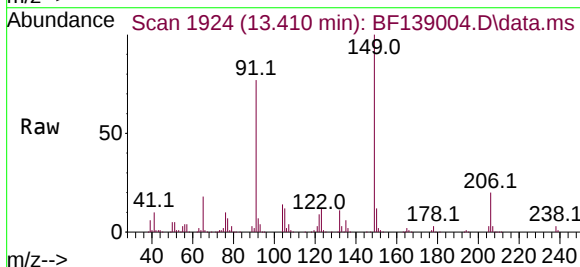
RT: 13.410 min Scan# 1924

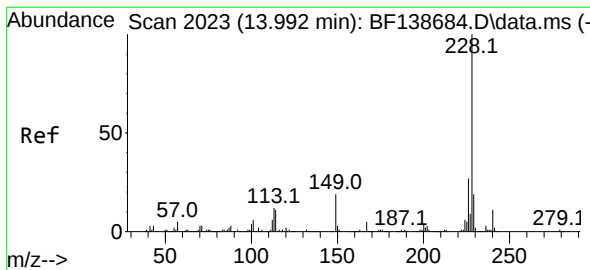
Delta R.T. -0.012 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

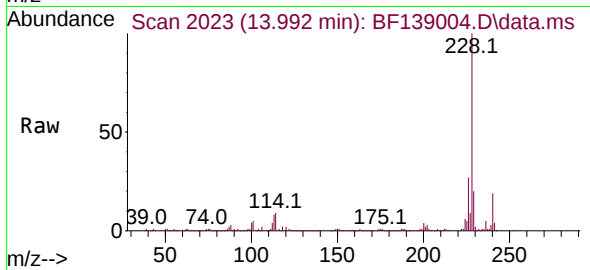
Tgt Ion:	149	Resp:	131691
Ion Ratio	100	Lower	Upper
91	76.8	63.7	95.5
206	20.1	16.2	24.2





#81
Benzo(a)anthracene
Concen: 55.217 ng
RT: 13.992 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

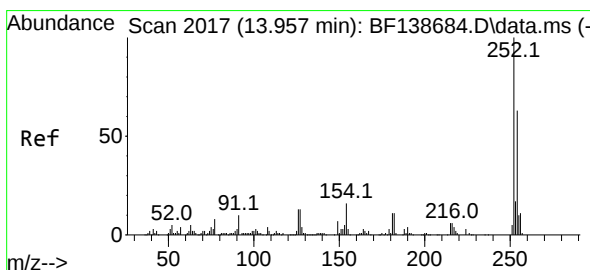
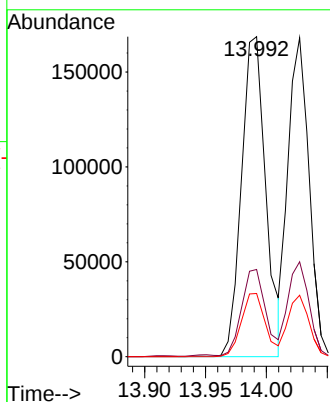
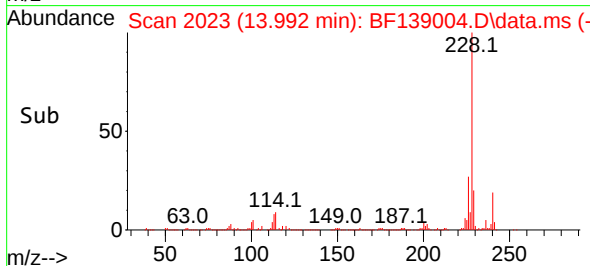
Instrument : BNA_F
ClientSampleId : 924-K1-WP0-0.25-080224MS



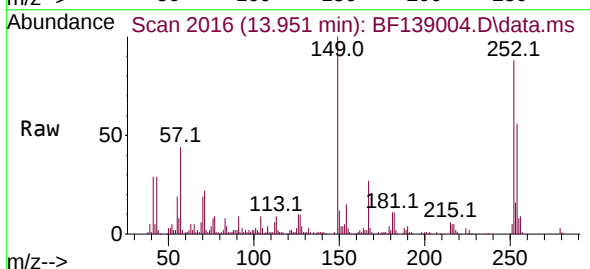
Tgt Ion:228 Resp: 234539
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.8 15.4 23.0

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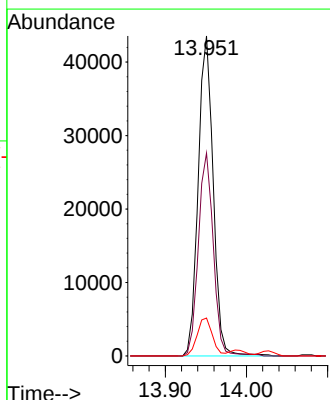
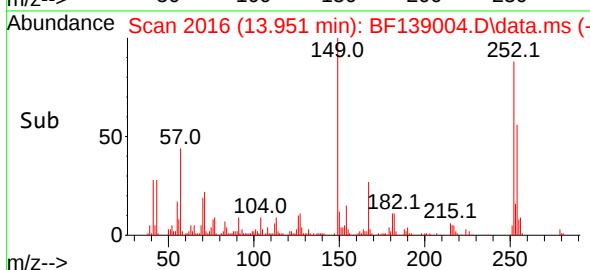
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

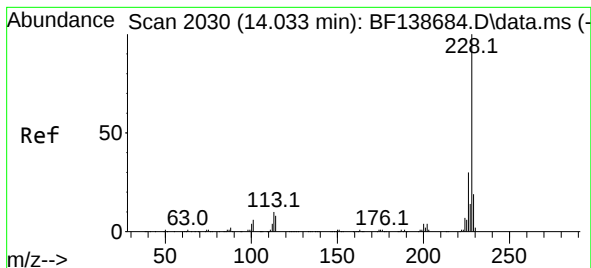


#82
3,3'-Dichlorobenzidine
Concen: 51.379 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16



Tgt Ion:252 Resp: 55847
Ion Ratio Lower Upper
252 100
254 63.4 50.8 76.2
126 11.9 10.2 15.2





#83

Chrysene

Concen: 52.505 ng

RT: 14.027 min Scan# 201200

Delta R.T. -0.006 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

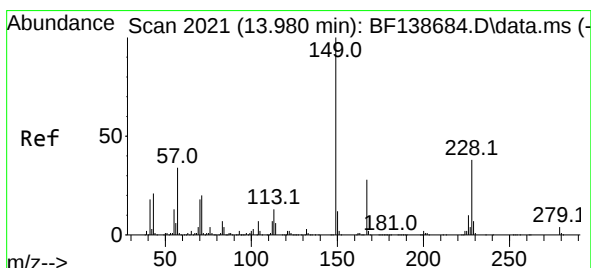
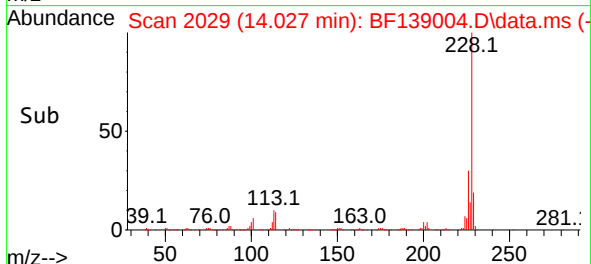
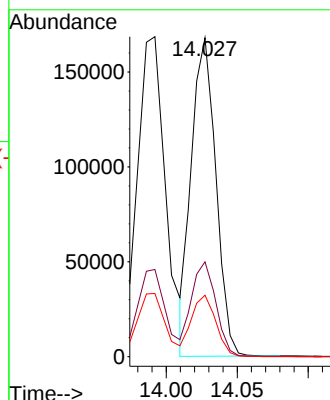
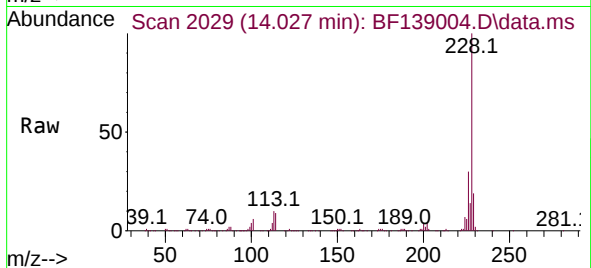
Tgt Ion:228 Resp: 201200

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.3	15.0	22.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.475 ng

RT: 13.963 min Scan# 2018

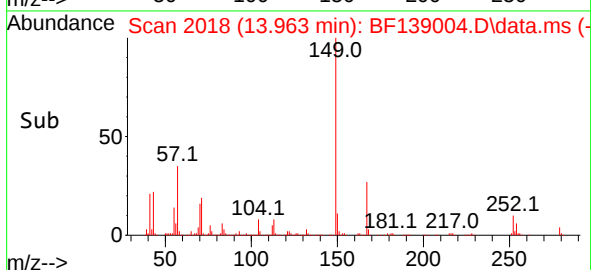
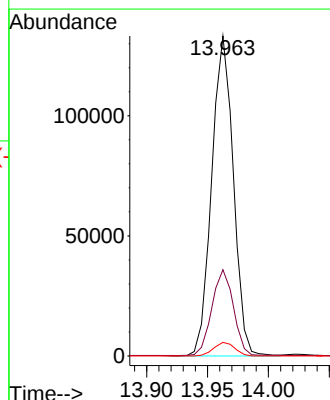
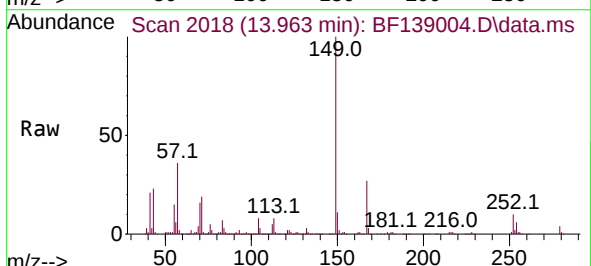
Delta R.T. -0.018 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Tgt Ion:149 Resp: 164690

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.4
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 46.411 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

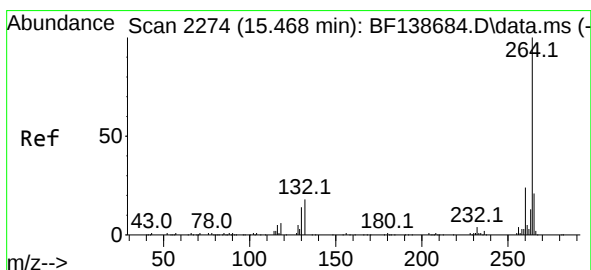
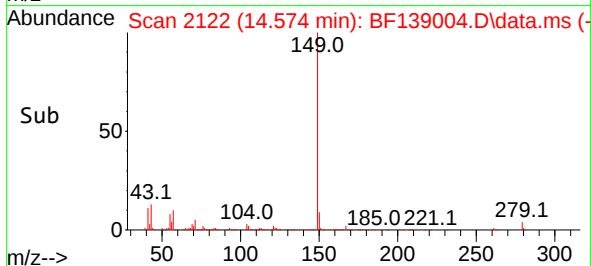
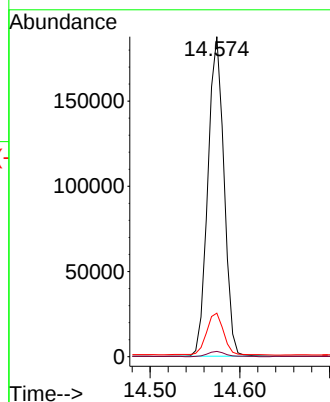
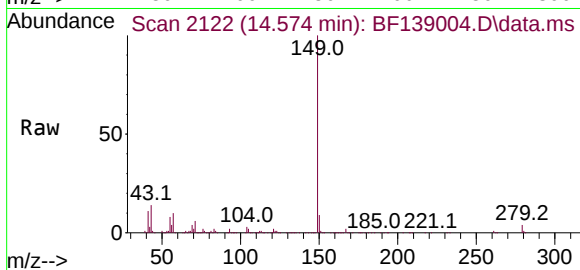
Tgt Ion:149 Resp: 23384

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	14.1	10.4	15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

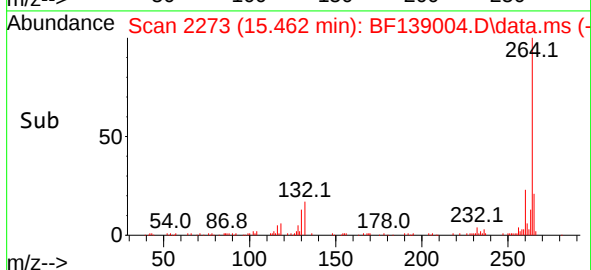
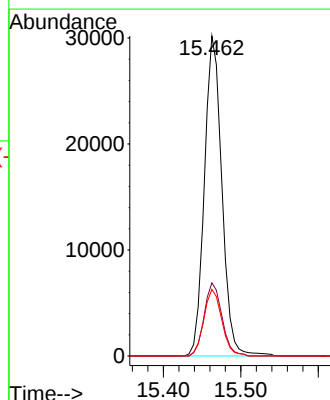
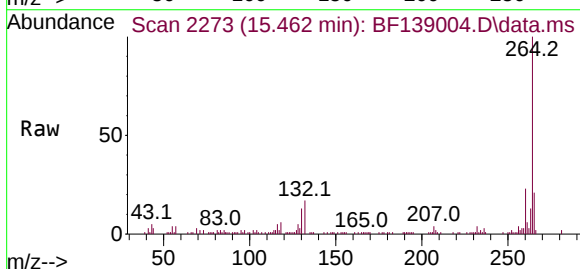
Delta R.T. -0.006 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Tgt Ion:264 Resp: 47286

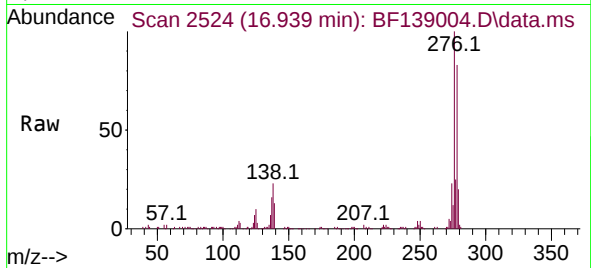
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	20.8	17.0	25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.760 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

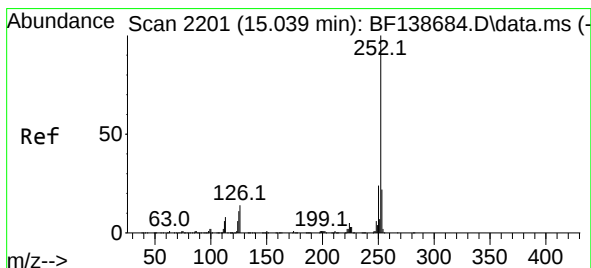
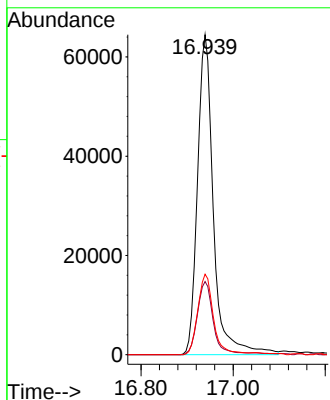
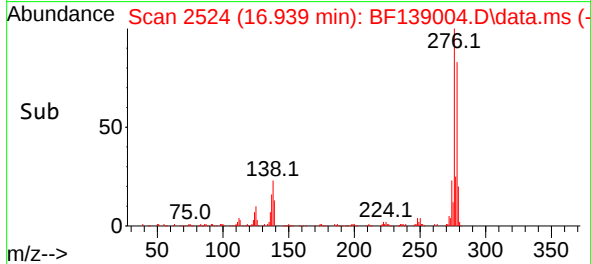
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224MS



Tgt Ion:276 Resp: 155060
Ion Ratio Lower Upper
276 100
138 22.6 21.8 32.8
277 24.7 20.6 30.8

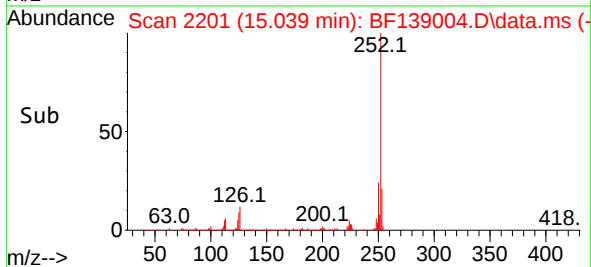
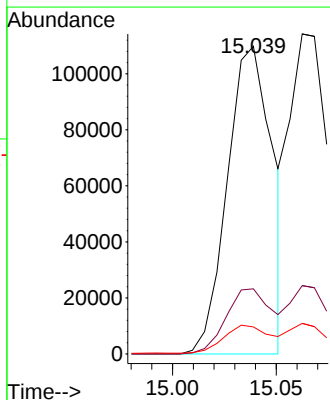
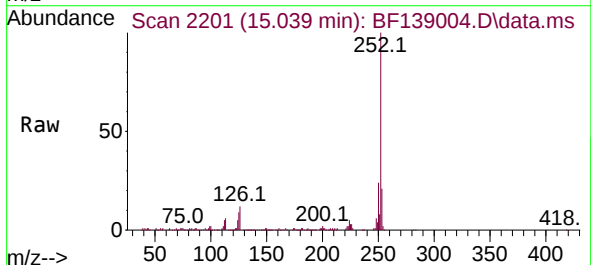
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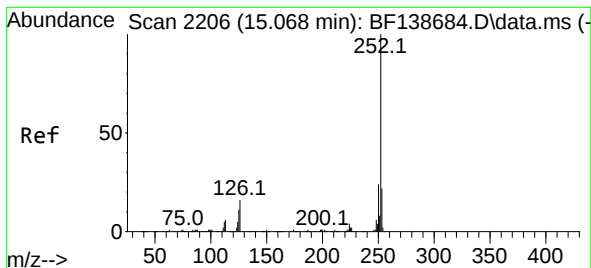
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#88
Benzo(b)fluoranthene
Concen: 56.715 ng m
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF139004.D
Acq: 14 Aug 2024 20:16

Tgt Ion:252 Resp: 166247
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.8 8.9 13.3#





#89

Benzo(k)fluoranthene

Concen: 60.458 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224MS

Tgt Ion:252 Resp: 153438

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

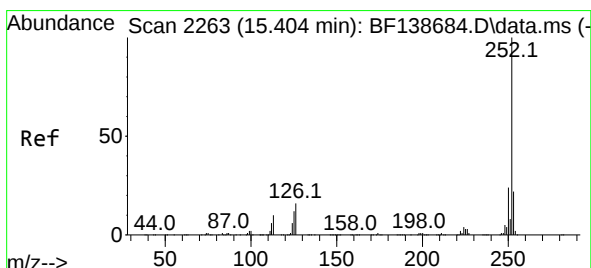
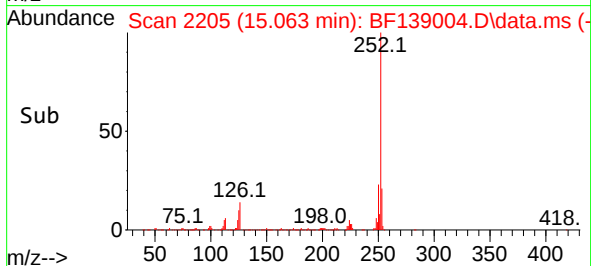
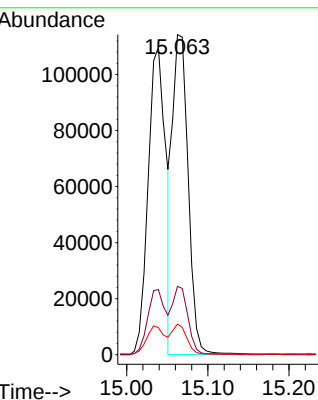
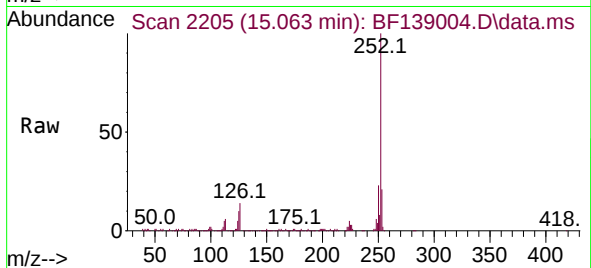
125 9.6 8.6 13.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024

Supervised By :mohammad ahmed 08/16/2024



#90

Benzo(a)pyrene

Concen: 57.146 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

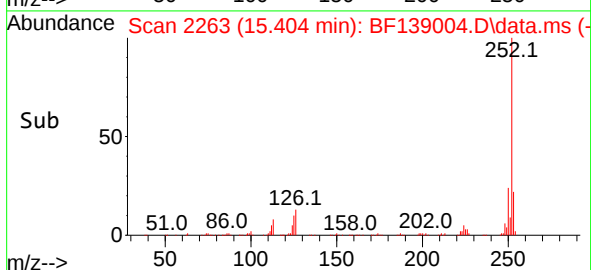
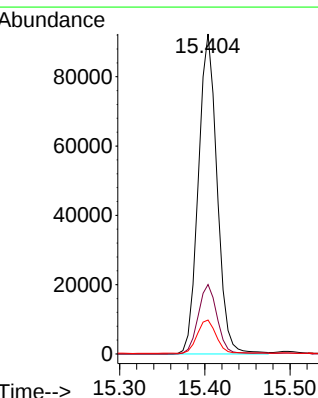
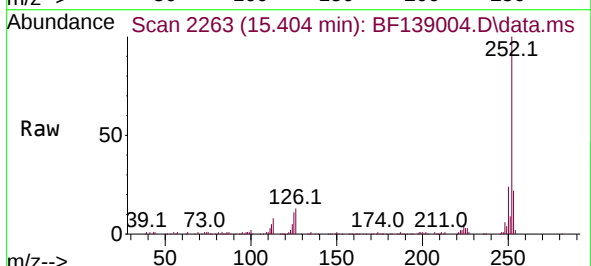
Tgt Ion:252 Resp: 140901

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.695 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.006 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Instrument :

BNA_F

ClientSampleId :

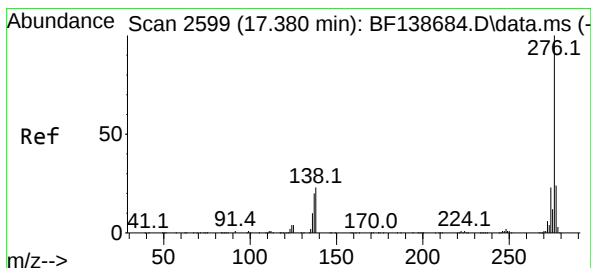
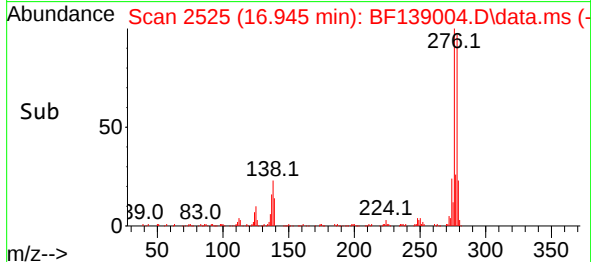
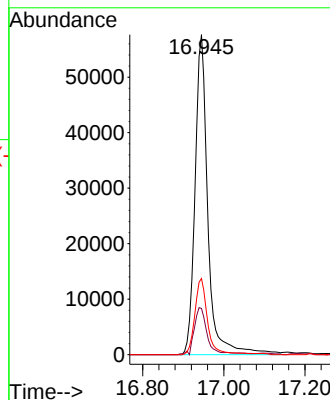
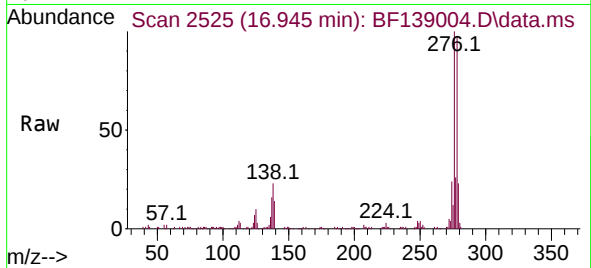
924-K1-WP0-0.25-080224MS

Tgt Ion:278 Resp: 127110
 Ion Ratio Lower Upper
 278 100
 139 14.5 14.0 21.0
 279 23.8 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#92

Benzo(g,h,i)perylene

Concen: 41.679 ng

RT: 17.380 min Scan# 2599

Delta R.T. -0.000 min

Lab File: BF139004.D

Acq: 14 Aug 2024 20:16

Tgt Ion:276 Resp: 120309
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.4
 138 19.7 18.5 27.7

