

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139074.D
 Acq On : 19 Aug 2024 15:17
 Operator : RC/JU
 Sample : PB162549BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BS

Quant Time: Aug 19 15:52:09 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	53446	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	218483	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	118610	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	200989	20.000	ng	0.00
76) Chrysene-d12	14.004	240	98614	20.000	ng	0.00
86) Perylene-d12	15.468	264	91613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	448311	129.483	ng	0.01
7) Phenol-d6	6.493	99	592206	127.397	ng	0.00
23) Nitrobenzene-d5	7.410	82	394404	88.258	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129152	132.931	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	714599	90.522	ng	-0.01
79) Terphenyl-d14	12.939	244	639839	108.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	46841	30.902	ng	96
3) Pyridine	3.446	79	115628	31.489	ng	92
4) n-Nitrosodimethylamine	3.416	42	118614	54.237	ng	82
6) Aniline	6.504	93	125340	30.234	ng	# 1
8) 2-Chlorophenol	6.628	128	174358	47.865	ng	100
9) Benzaldehyde	6.393	77	52800	18.948	ng	97
10) Phenol	6.504	94	224319	45.832	ng	84
11) bis(2-Chloroethyl)ether	6.575	93	163316	43.362	ng	99
12) 1,3-Dichlorobenzene	6.775	146	178585	43.796	ng	98
13) 1,4-Dichlorobenzene	6.851	146	184853	44.921	ng	100
14) 1,2-Dichlorobenzene	7.004	146	172341	44.813	ng	98
15) Benzyl Alcohol	6.992	79	161146	48.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	290030	44.746	ng	52
17) 2-Methylphenol	7.110	107	141147	46.924	ng	# 85
18) Hexachloroethane	7.340	117	70498	45.512	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	136731	48.700	ng	95
20) 3+4-Methylphenols	7.263	107	187249	48.518	ng	# 74
22) Acetophenone	7.251	105	237541	44.404	ng	98
24) Nitrobenzene	7.428	77	202358	44.501	ng	98
25) Isophorone	7.663	82	357008	46.786	ng	97
26) 2-Nitrophenol	7.739	139	92222	47.139	ng	90
27) 2,4-Dimethylphenol	7.781	122	115949	49.535	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	206376	44.413	ng	99
29) 2,4-Dichlorophenol	7.992	162	144153	47.926	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	156828	45.181	ng	98
31) Naphthalene	8.139	128	510643	44.403	ng	99
32) Benzoic acid	7.951	122	60053m	32.637	ng	
33) 4-Chloroaniline	8.198	127	92331	23.918	ng	96
34) Hexachlorobutadiene	8.251	225	95623	45.482	ng	98
35) Caprolactam	8.586	113	46113m	51.380	ng	
36) 4-Chloro-3-methylphenol	8.692	107	165863	48.251	ng	98
37) 2-Methylnaphthalene	8.828	142	336414	46.319	ng	99
38) 1-Methylnaphthalene	8.928	142	309880	43.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	144703	43.918	ng	98
41) Hexachlorocyclopentadiene	8.975	237	75711	86.222	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	88878	44.242	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	97873	44.566	ng	99
46) 1,1'-Biphenyl	9.292	154	396539	42.687	ng	99
47) 2-Chloronaphthalene	9.322	162	310669	44.967	ng	99
48) 2-Nitroaniline	9.428	65	116265	49.640	ng	94
49) Acenaphthylene	9.733	152	481779	49.168	ng	99
50) Dimethylphthalate	9.598	163	375267	49.481	ng	99
51) 2,6-Dinitrotoluene	9.669	165	81946	47.877	ng	# 84
52) Acenaphthene	9.904	154	296663	45.039	ng	99
53) 3-Nitroaniline	9.845	138	57162	32.306	ng	96
54) 2,4-Dinitrophenol	9.963	184	63130	80.125	ng	# 84
55) Dibenzofuran	10.081	168	439726	47.292	ng	98
56) 4-Nitrophenol	10.028	139	65986	62.015	ng	82
57) 2,4-Dinitrotoluene	10.081	165	106932	48.968	ng	# 77
58) Fluorene	10.422	166	357316	48.257	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	84781m	50.495	ng	
60) Diethylphthalate	10.298	149	371444	51.654	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	177517	48.747	ng	96
62) 4-Nitroaniline	10.463	138	71145m	42.311	ng	
63) Azobenzene	10.575	77	386547	48.467	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	56543	46.112	ng	93
66) n-Nitrosodiphenylamine	10.533	169	303979	48.385	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	99562	45.753	ng	100
68) Hexachlorobenzene	10.969	284	103418	46.029	ng	98
69) Atrazine	11.063	200	83808	51.705	ng	99
70) Pentachlorophenol	11.175	266	60912	60.146	ng	98
71) Phenanthrene	11.386	178	494814	47.811	ng	100
72) Anthracene	11.439	178	501843	49.222	ng	100
73) Carbazole	11.598	167	404431	45.978	ng	99
74) Di-n-butylphthalate	11.916	149	554200	56.046	ng	100
75) Fluoranthene	12.574	202	448475	46.418	ng	99
77) Benzidine	12.704	184	24318	10.310	ng	97
78) Pyrene	12.804	202	440072	47.397	ng	99
80) Butylbenzylphthalate	13.410	149	163433	54.968	ng	99
81) Benzo(a)anthracene	13.992	228	310922	45.786	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66280	38.140	ng	98
83) Chrysene	14.033	228	295733	48.270	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	206402	47.407	ng	99
85) Di-n-octyl phthalate	14.574	149	328656	40.800	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	299184	45.570	ng	97
88) Benzo(b)fluoranthene	15.045	252	278982	49.124	ng	99
89) Benzo(k)fluoranthene	15.074	252	272296	55.378	ng	98
90) Benzo(a)pyrene	15.410	252	258127	54.036	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	249080	46.218	ng	97
92) Benzo(g,h,i)perylene	17.398	276	228350	40.832	ng	97

(#) = 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: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

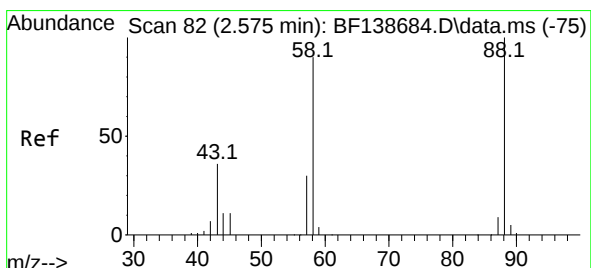
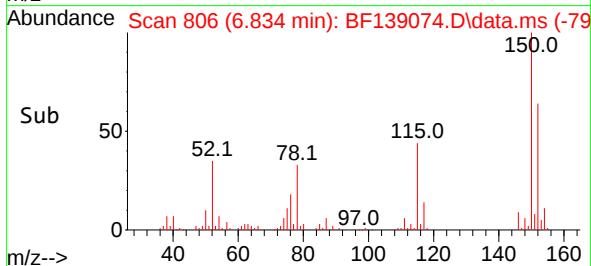
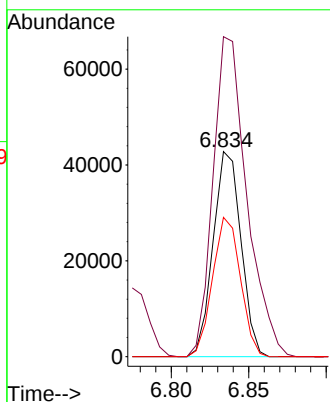
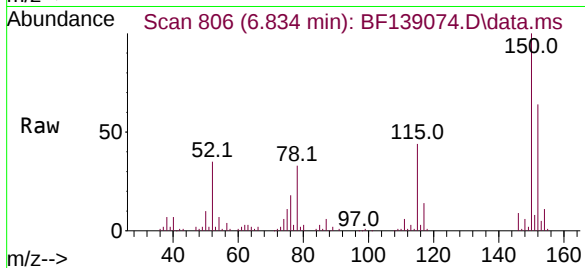
ClientSampleId :

PB162549BS

Tgt Ion:152 Resp: 53440
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 67.9 51.7 77.5

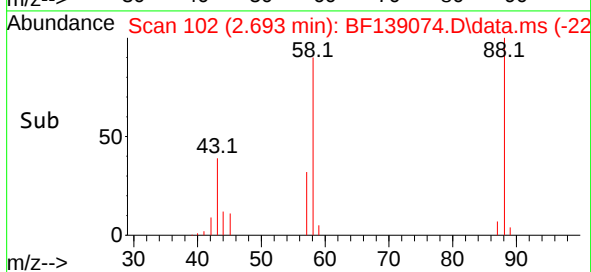
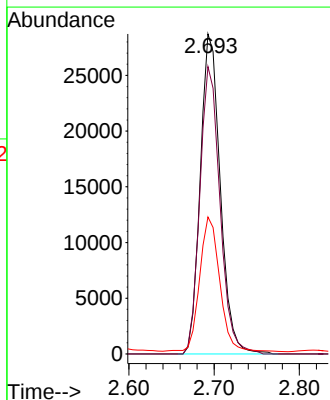
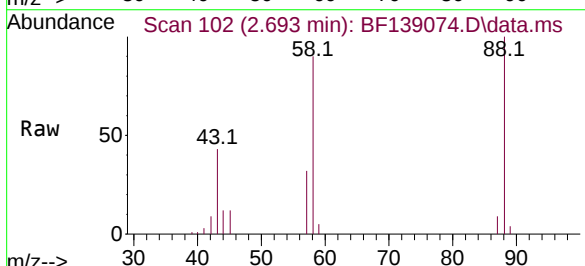
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/21/2024



#2
1,4-Dioxane
Concen: 30.902 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 88 Resp: 46841
Ion Ratio Lower Upper
88 100
58 90.5 71.6 107.4
43 42.9 28.7 43.1





#3

Pyridine

Concen: 31.489 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

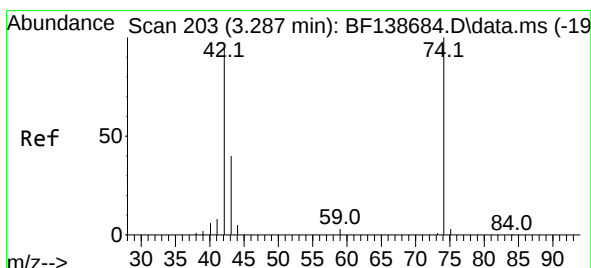
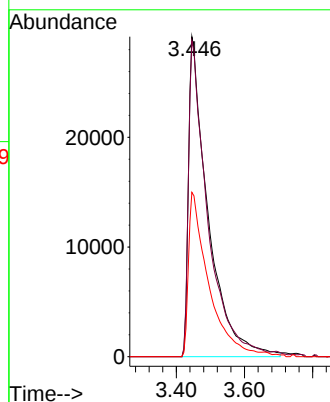
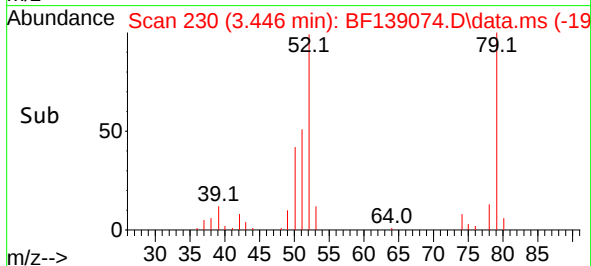
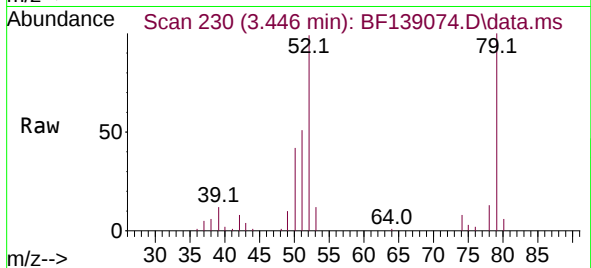
Tgt Ion: 79 Resp: 115628

Ion	Ratio	Lower	Upper
79	100		
52	98.7	74.7	112.1
51	51.3	34.6	51.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 54.237 ng

RT: 3.416 min Scan# 225

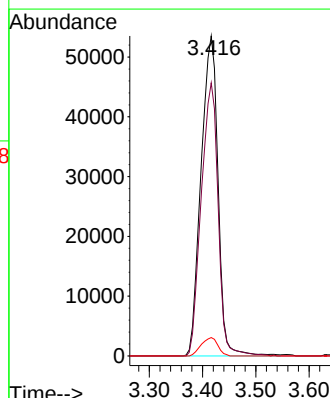
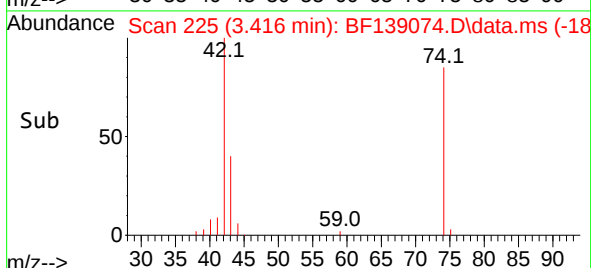
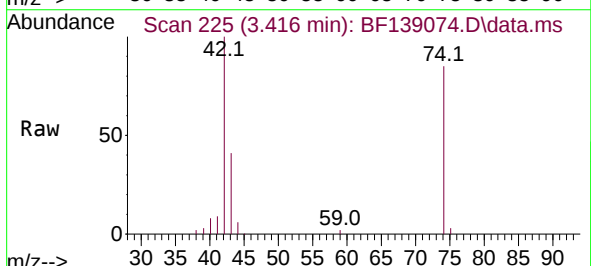
Delta R.T. 0.129 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion: 42 Resp: 118614

Ion	Ratio	Lower	Upper
42	100		
74	85.3	84.2	126.4
44	5.7	4.9	7.3





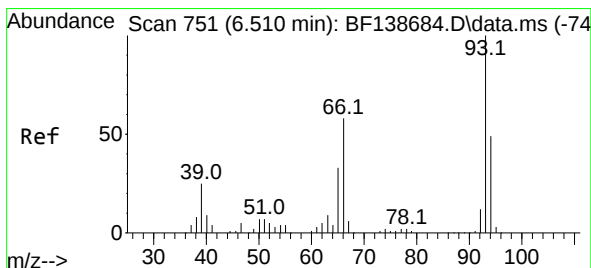
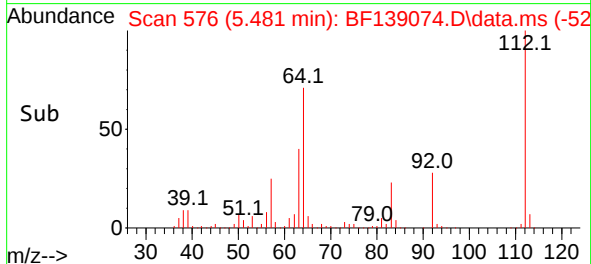
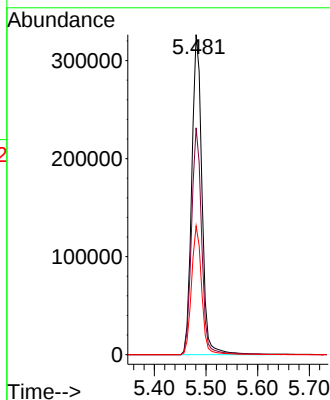
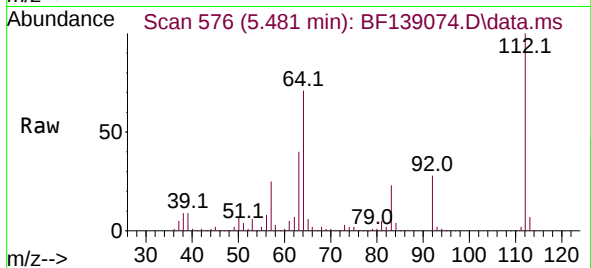
#5
2-Fluorophenol
Concen: 129.483 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Tgt Ion:112 Resp: 44831
Ion Ratio Lower Upper
112 100
64 70.9 54.2 81.4
63 40.3 28.7 43.1

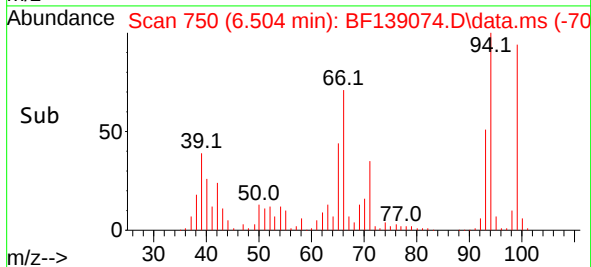
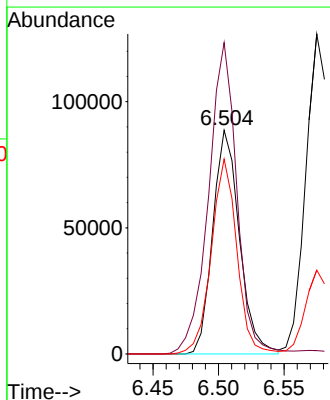
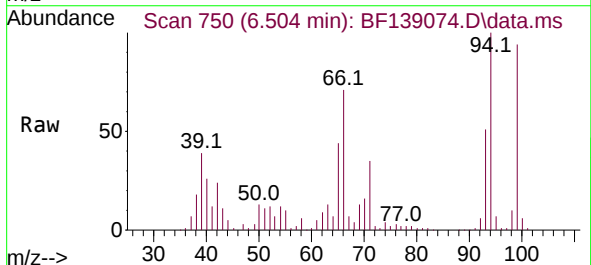
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Supervised By :mohammad ahmed 08/21/2024



#6
Aniline
Concen: 30.234 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

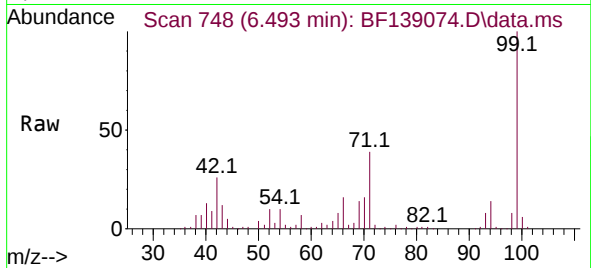
Tgt Ion: 93 Resp: 125340
Ion Ratio Lower Upper
93 100
66 139.2 46.9 70.3#
65 87.1 26.5 39.7#





#7
Phenol-d6
Concen: 127.397 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

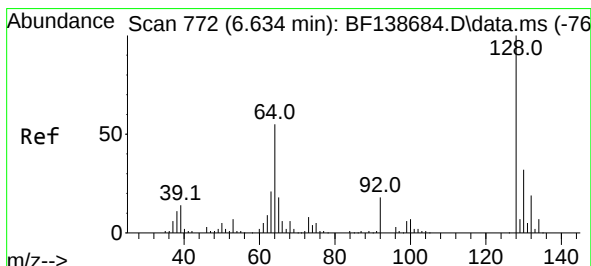
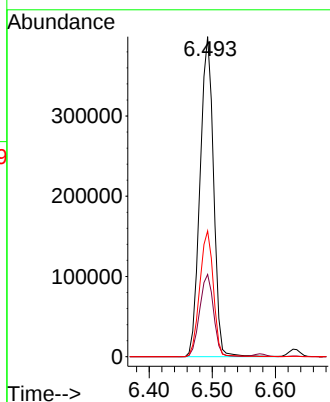
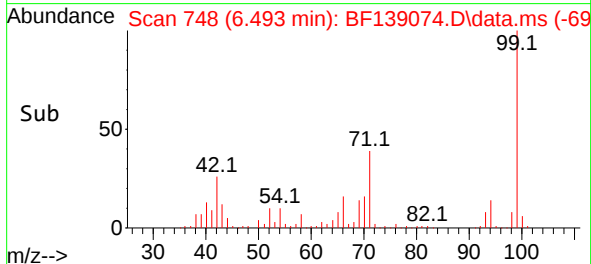
Instrument :
BNA_F
ClientSampleId :
PB162549BS



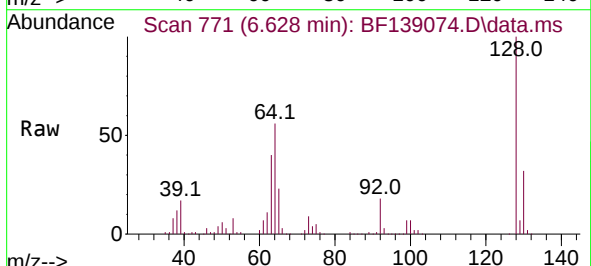
Tgt Ion: 99 Resp: 592200
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 39.3 28.1 42.1

Manual Integrations
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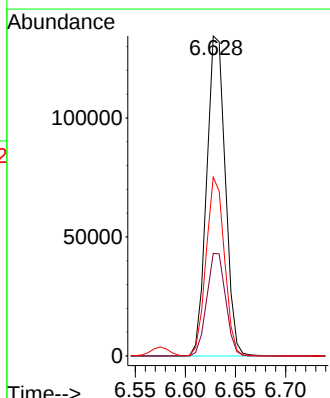
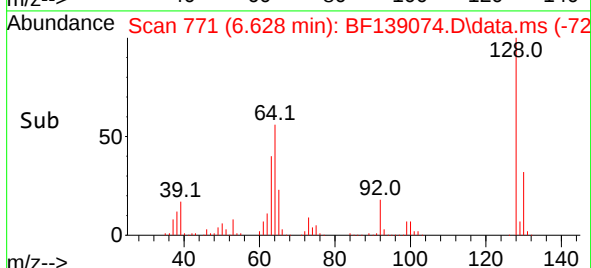
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#8
2-Chlorophenol
Concen: 47.865 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:128 Resp: 174358
Ion Ratio Lower Upper
128 100
130 32.1 12.0 52.0
64 55.9 36.3 76.3





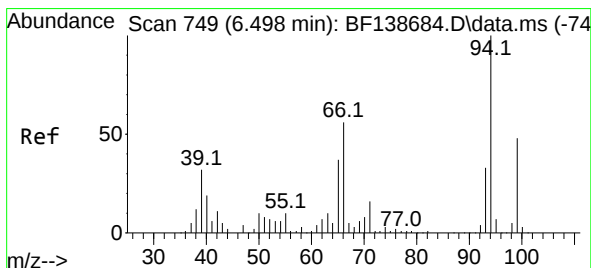
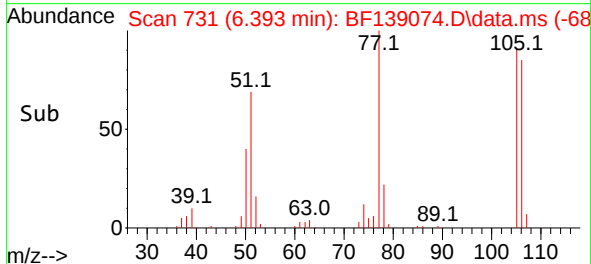
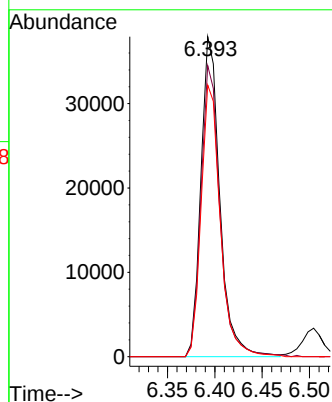
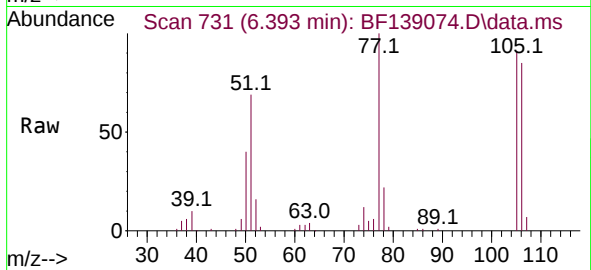
#9
Benzaldehyde
Concen: 18.948 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Tgt Ion: 77 Resp: 52800
Ion Ratio Lower Upper
77 100
105 90.9 72.9 112.9
106 84.9 68.4 108.4

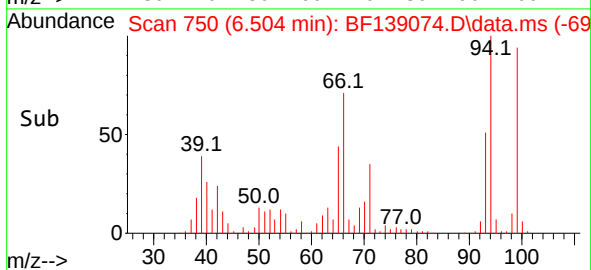
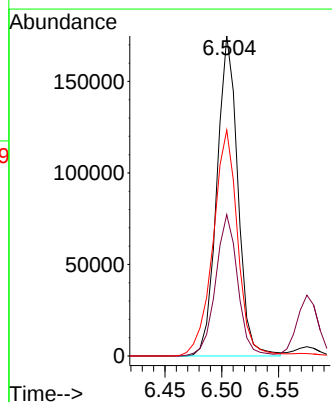
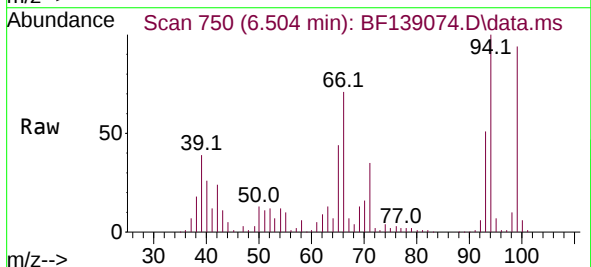
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 45.832 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 94 Resp: 224319
Ion Ratio Lower Upper
94 100
65 44.2 16.9 56.9
66 70.6 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.362 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

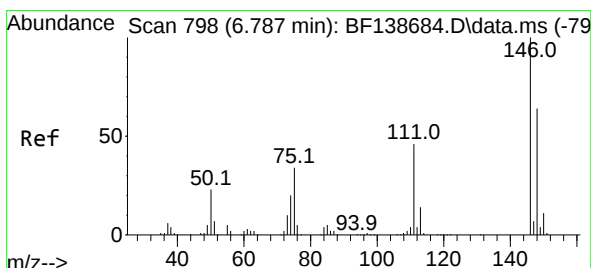
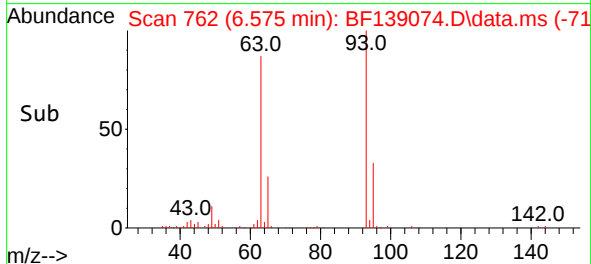
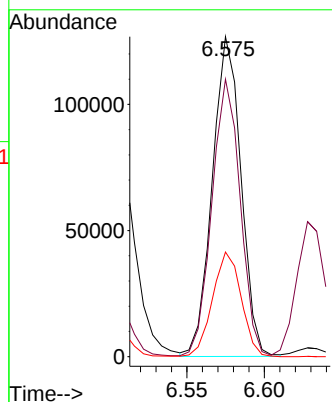
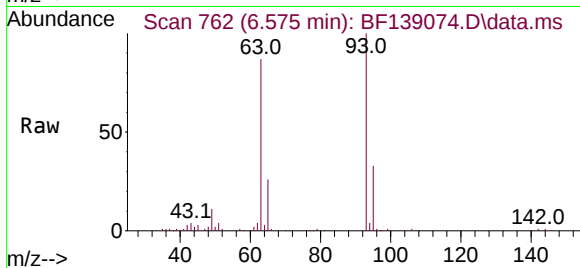
PB162549BS

Tgt Ion: 93 Resp: 163310
Ion Ratio Lower Upper
93 100
63 86.7 65.3 105.3
95 32.7 12.4 52.4

Manual Integrations

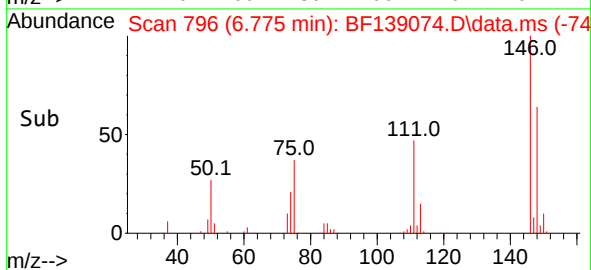
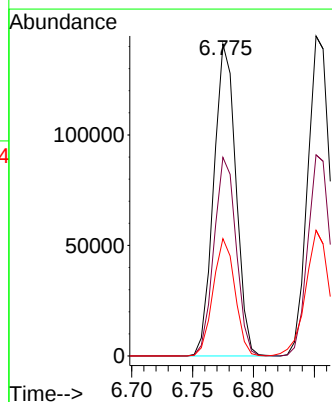
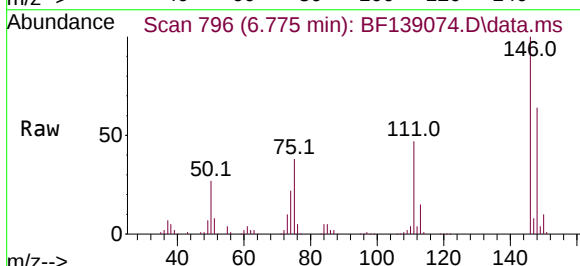
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 43.796 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:146 Resp: 178585
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 37.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.921 ng

RT: 6.851 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

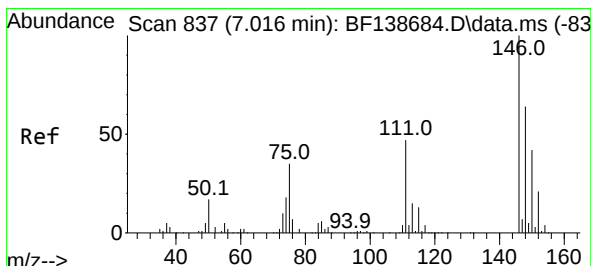
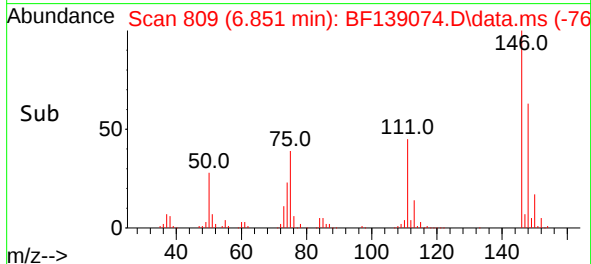
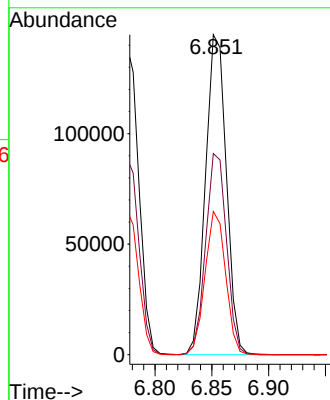
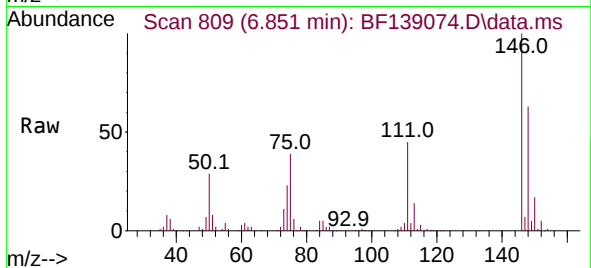
PB162549BS

Tgt Ion:146 Resp: 18485
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 44.8 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14

1,2-Dichlorobenzene

Concen: 44.813 ng

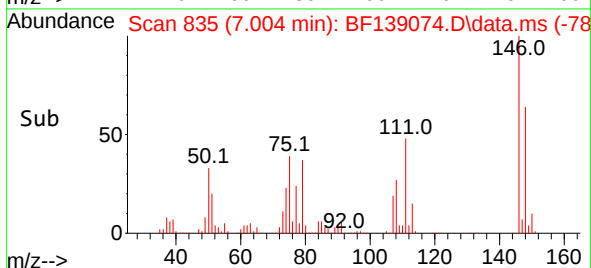
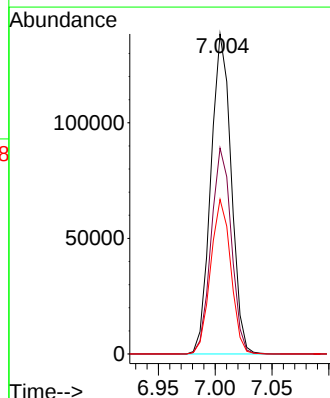
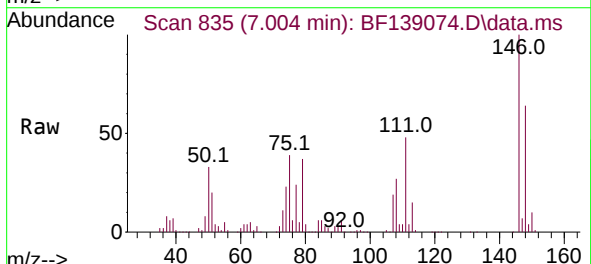
RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

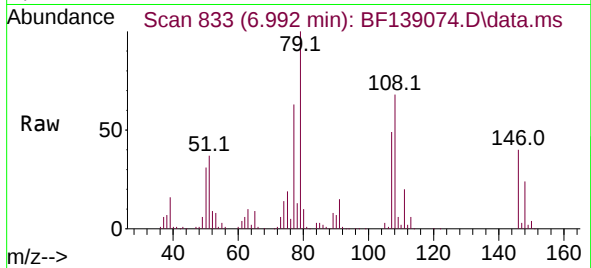
Tgt Ion:146 Resp: 172341
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 48.3 37.4 56.2





#15
Benzyl Alcohol
Concen: 48.098 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

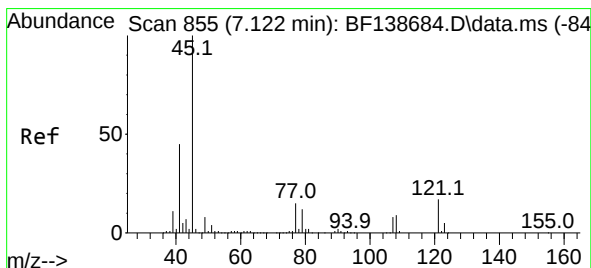
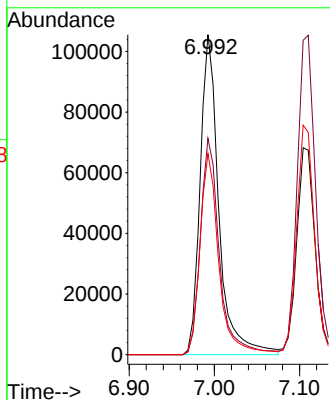
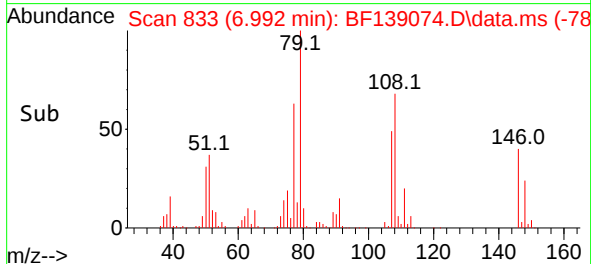
Instrument :
BNA_F
ClientSampleId :
PB162549BS



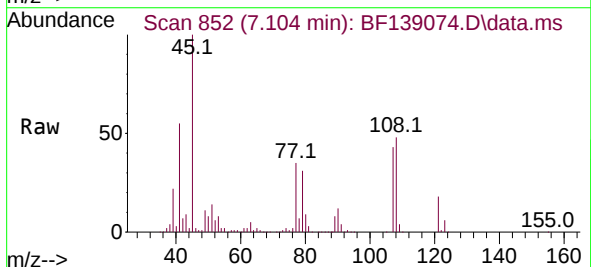
Tgt Ion: 79 Resp: 161140
Ion Ratio Lower Upper
79 100
108 67.6 56.6 85.0
77 62.8 50.3 75.5

Manual Integrations
APPROVED

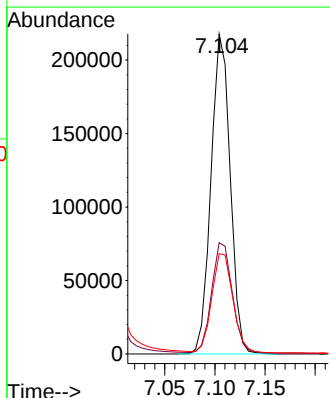
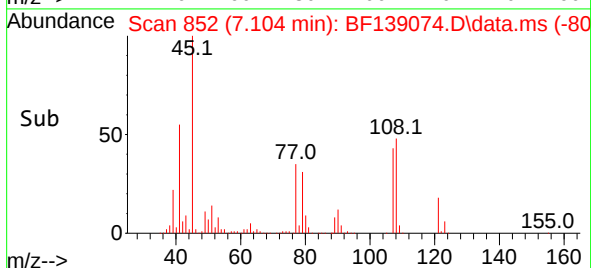
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.746 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion: 45 Resp: 290030
Ion Ratio Lower Upper
45 100
77 34.8 0.0 34.9
79 31.3 0.0 32.2





#17
2-Methylphenol
Concen: 46.924 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

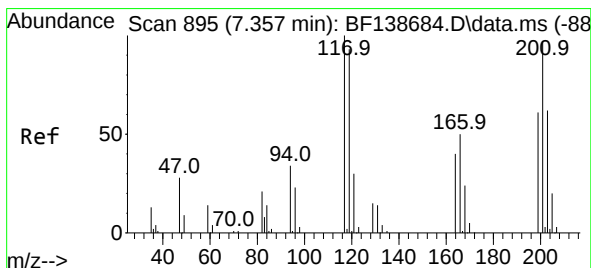
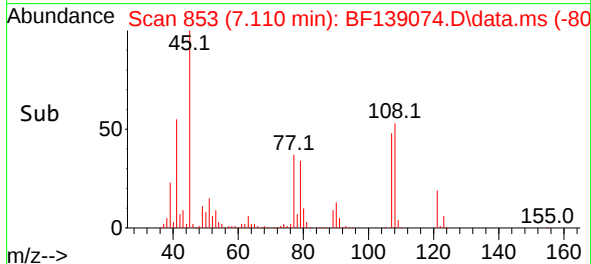
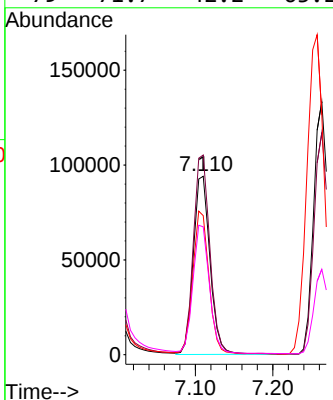
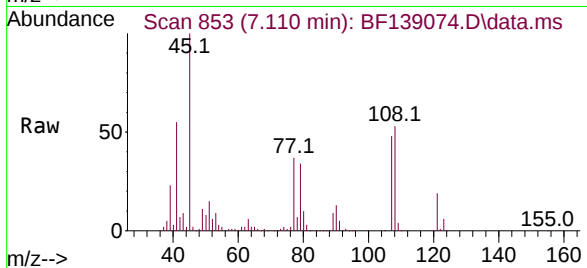
ClientSampleId :

PB162549BS

Tgt Ion:107 Resp: 14114
Ion Ratio Lower Upper
107 100
108 112.0 89.2 133.8
77 77.9 43.0 64.4
79 71.7 42.2 63.2

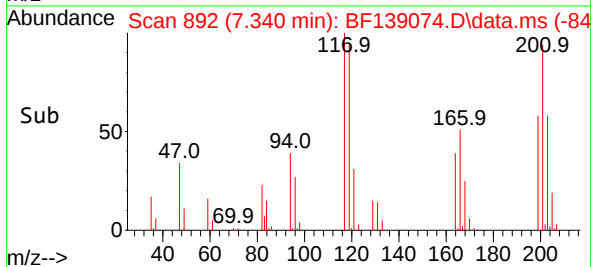
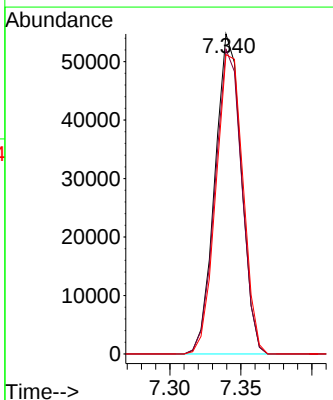
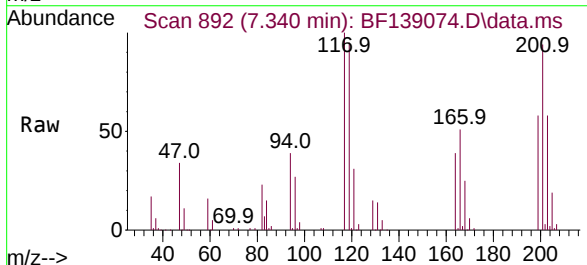
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 45.512 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:117 Resp: 70498
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 93.6 77.2 115.8





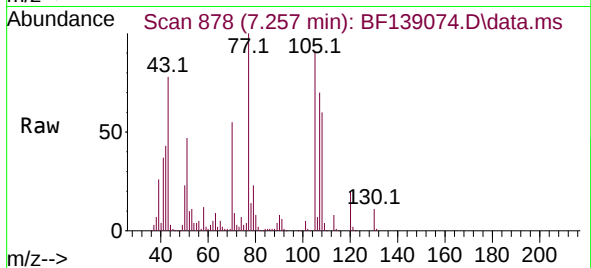
#19
n-Nitroso-di-n-propylamine
Concen: 48.700 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

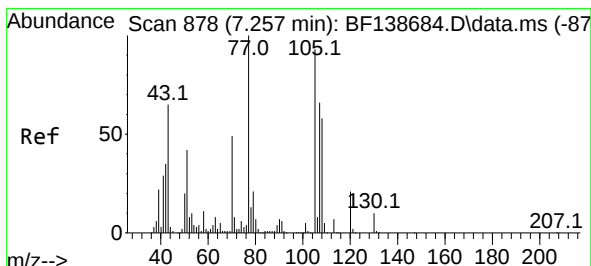
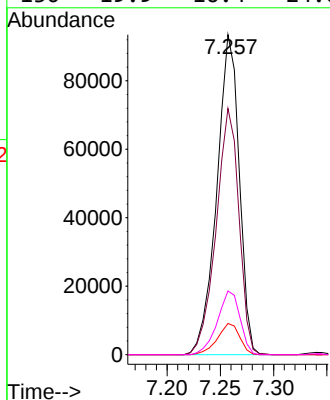
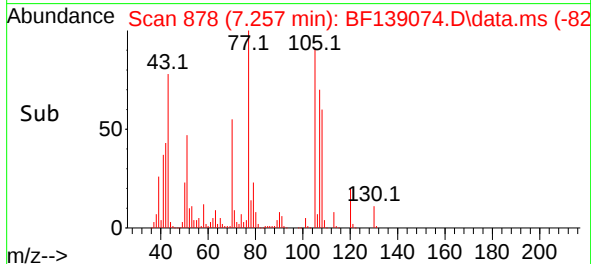


Tgt Ion: 70 Resp: 13673
Ion Ratio Lower Upper
70 100
42 77.0 57.4 86.0
101 9.8 7.5 11.3
130 19.9 16.4 24.6

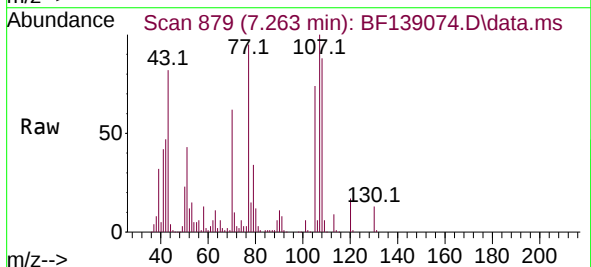
Manual Integrations

APPROVED

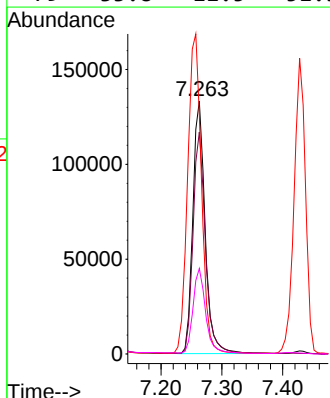
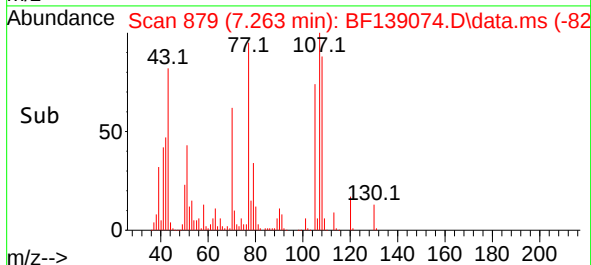
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

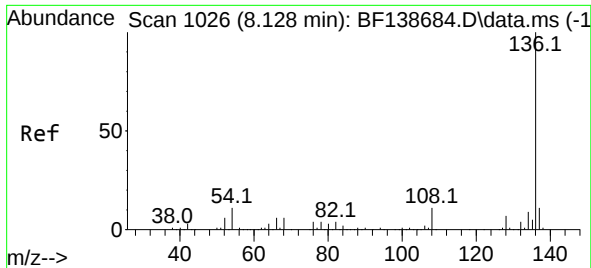


#20
3+4-Methylphenols
Concen: 48.518 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:107 Resp: 187249
Ion Ratio Lower Upper
107 100
108 87.7 68.2 108.2
77 94.8 132.1 172.1#
79 33.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

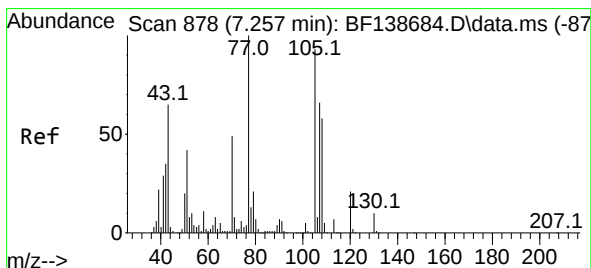
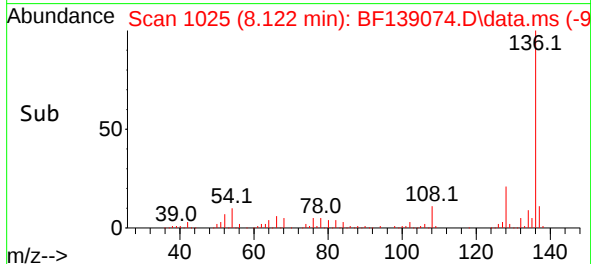
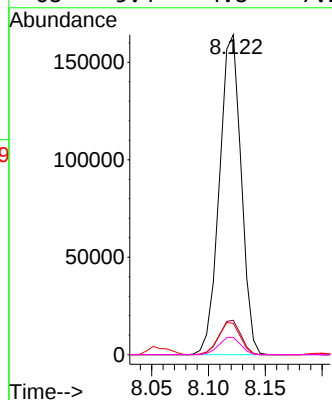
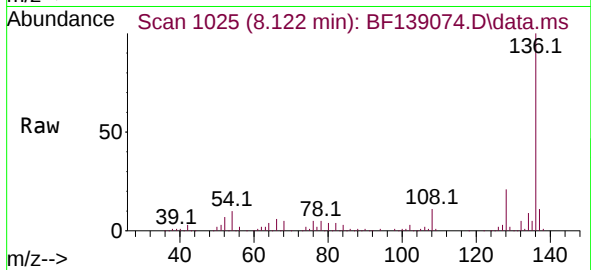
ClientSampleId :

PB162549BS

Tgt Ion:136 Resp: 21848
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.8 8.6 12.8
68 5.4 4.8 7.2

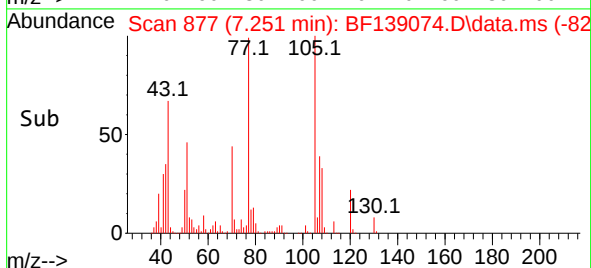
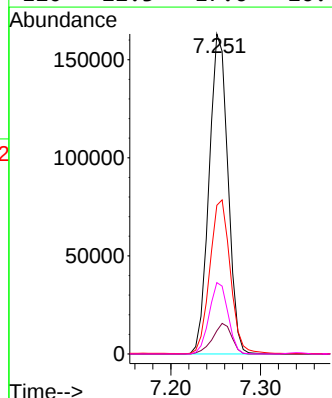
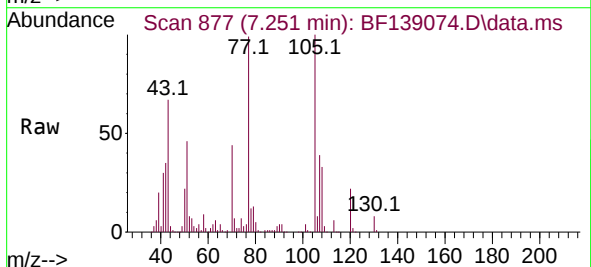
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#22
Acetophenone
Concen: 44.404 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:105 Resp: 237541
Ion Ratio Lower Upper
105 100
71 7.3 7.2 10.8
51 46.4 35.9 53.9
120 22.3 17.6 26.4





#23

Nitrobenzene-d5

Concen: 88.258 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

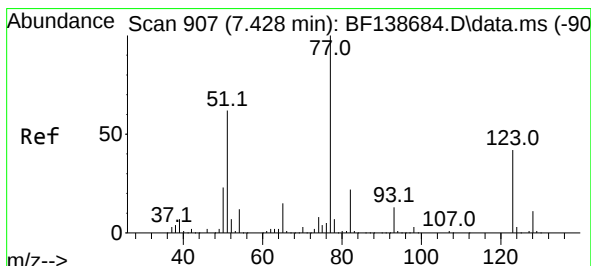
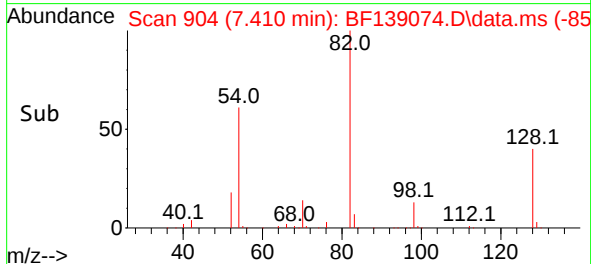
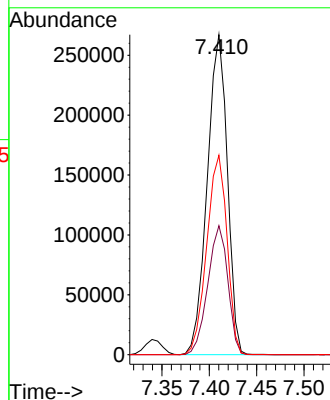
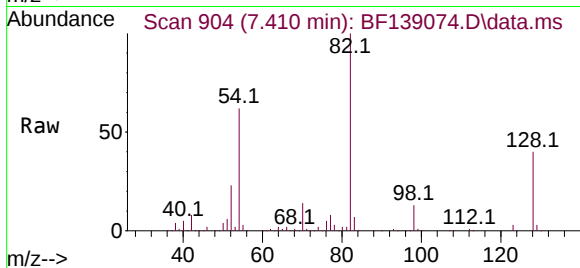
Tgt Ion: 82 Resp: 394404

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	62.3	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24

Nitrobenzene

Concen: 44.501 ng

RT: 7.428 min Scan# 907

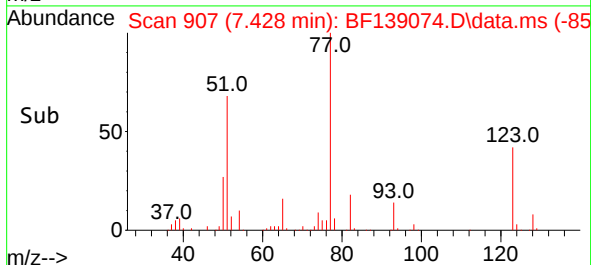
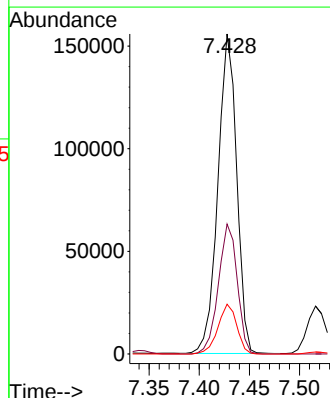
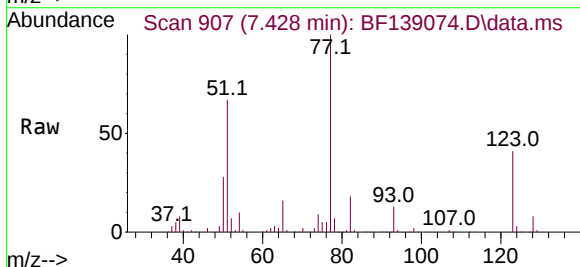
Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion: 77 Resp: 202358

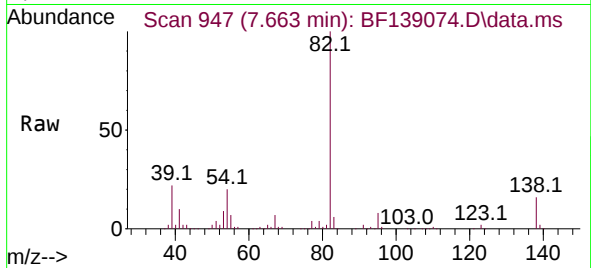
Ion	Ratio	Lower	Upper
77	100		
123	40.6	33.3	49.9
65	15.6	11.9	17.9





#25
Isophorone
Concen: 46.786 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

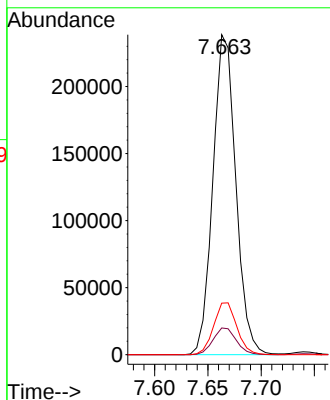
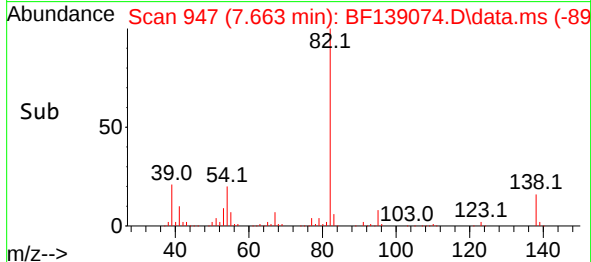
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion: 82 Resp: 357008
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.1 13.7 20.5

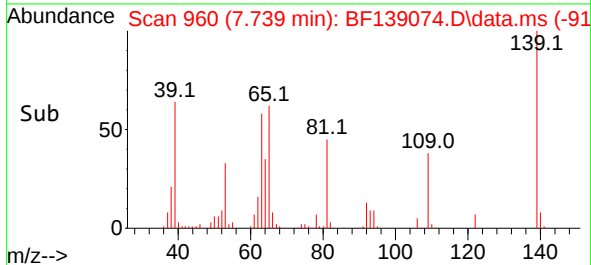
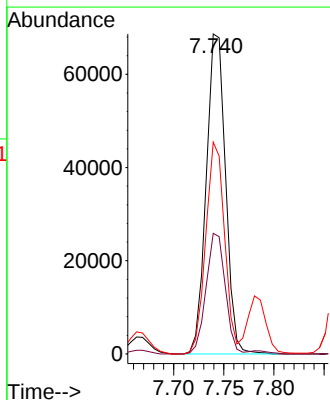
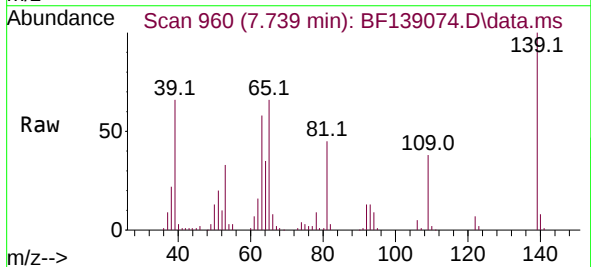
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#26
2-Nitrophenol
Concen: 47.139 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:139 Resp: 92222
Ion Ratio Lower Upper
139 100
109 37.7 25.9 38.9
65 66.2 47.0 70.6





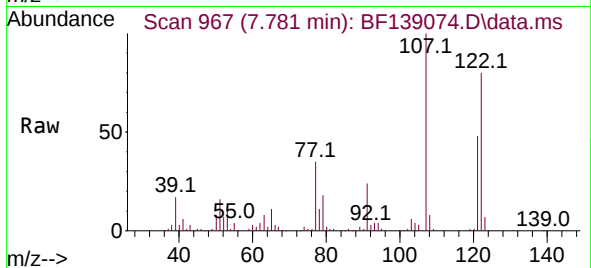
#27
2,4-Dimethylphenol
Concen: 49.535 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

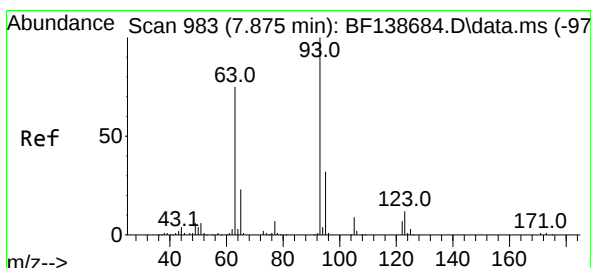
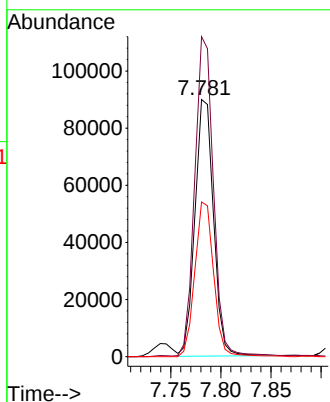
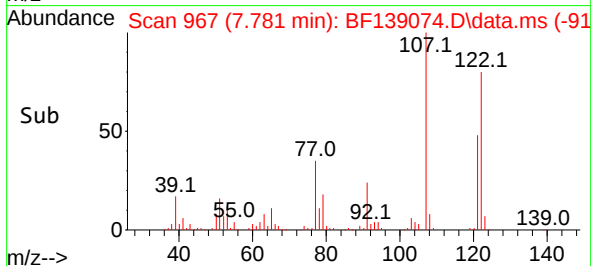


Tgt Ion:122 Resp: 115949
Ion Ratio Lower Upper
122 100
107 124.4 95.0 142.6
121 60.2 47.3 70.9

Manual Integrations

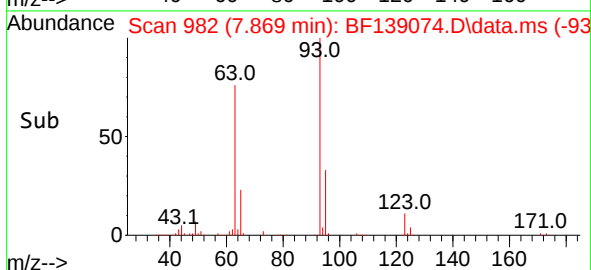
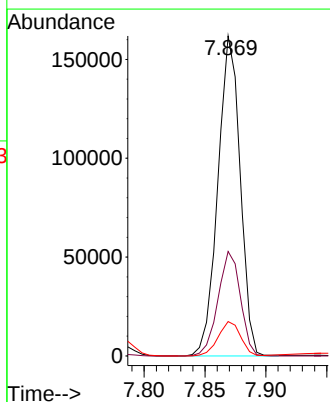
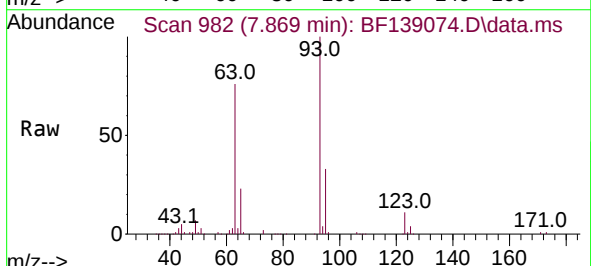
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.413 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion: 93 Resp: 206376
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.926 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF139074.D

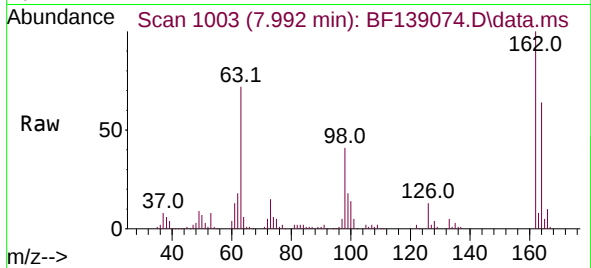
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

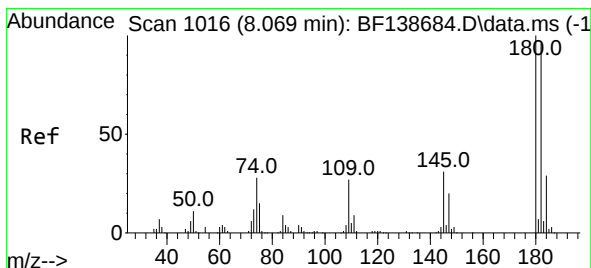
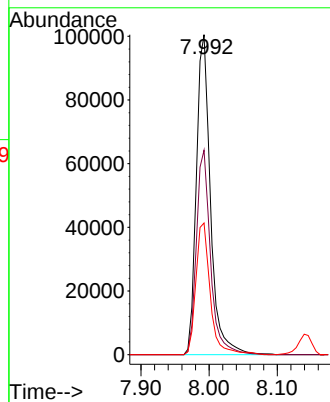
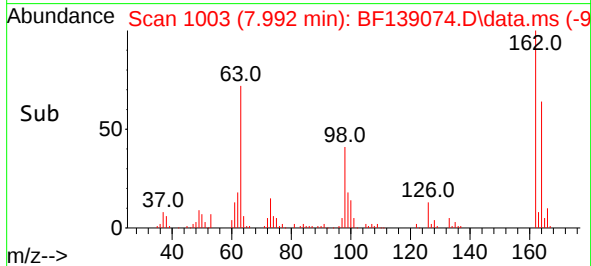


Tgt Ion:	162	Resp:	14415
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.7	84.7
98	41.1	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.181 ng

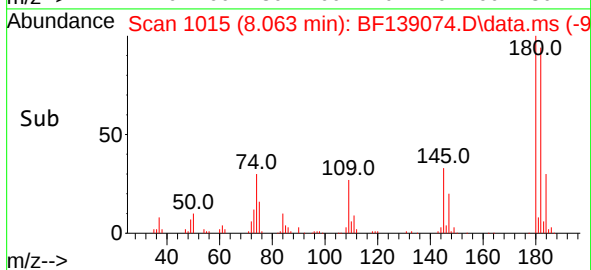
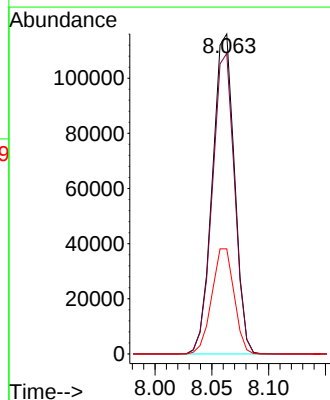
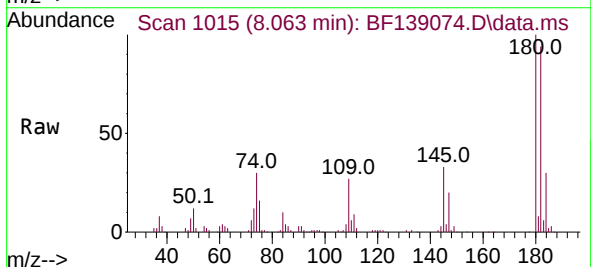
RT: 8.063 min Scan# 1015

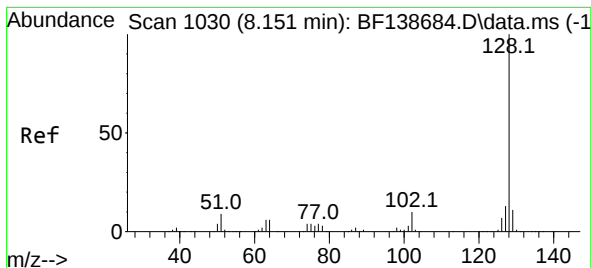
Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:	180	Resp:	156828
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.9	115.3
145	32.9	25.0	37.4





#31

Naphthalene

Concen: 44.403 ng

RT: 8.139 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

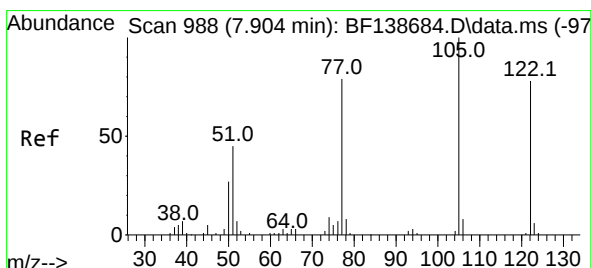
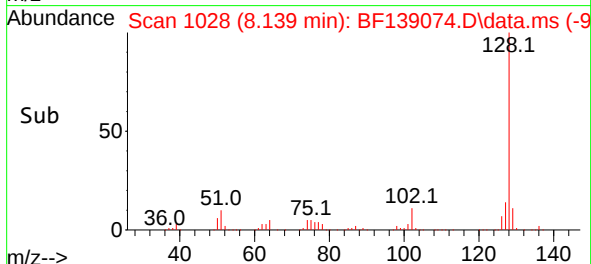
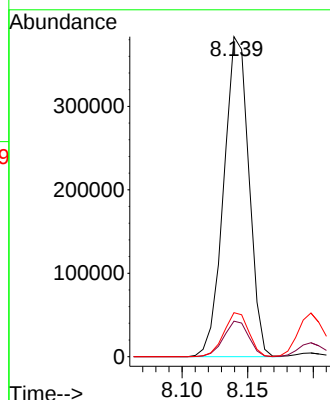
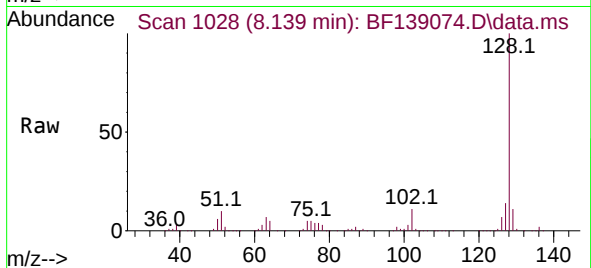
Tgt Ion:128 Resp: 51064

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.7	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32

Benzoic acid

Concen: 32.637 ng m

RT: 7.951 min Scan# 996

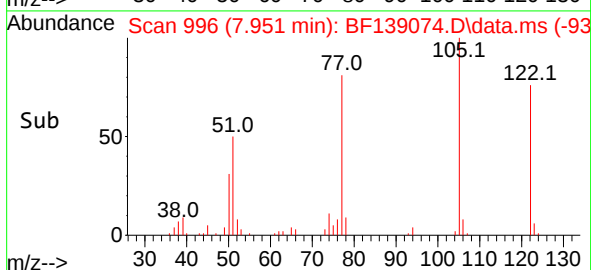
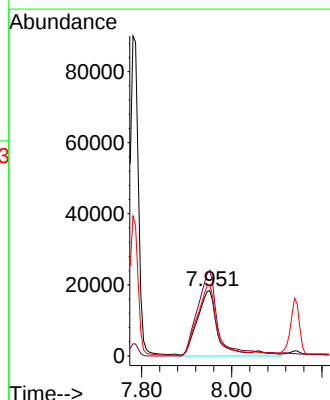
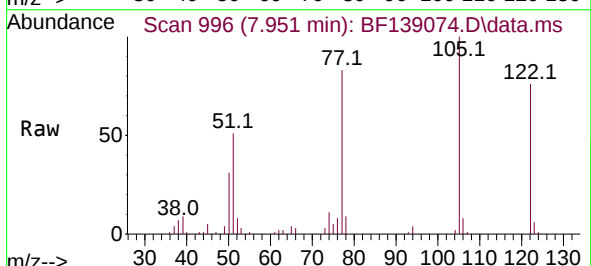
Delta R.T. 0.047 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:122 Resp: 60053

Ion	Ratio	Lower	Upper
122	100		
105	131.5	106.7	146.7
77	109.2	81.1	121.1





#33

4-Chloroaniline

Concen: 23.918 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

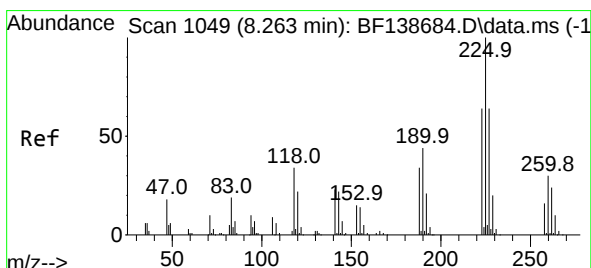
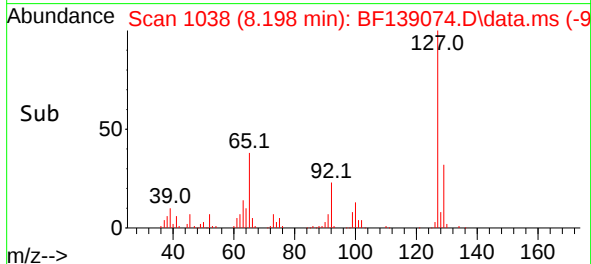
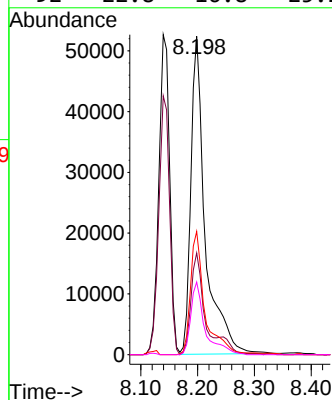
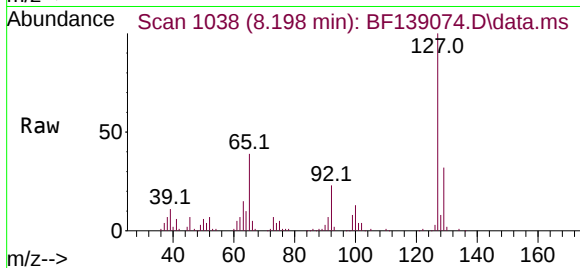
PB162549BS

Tgt Ion:	127	Resp:	9233
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.9	38.9
65	38.7	27.6	41.4
92	22.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34

Hexachlorobutadiene

Concen: 45.482 ng

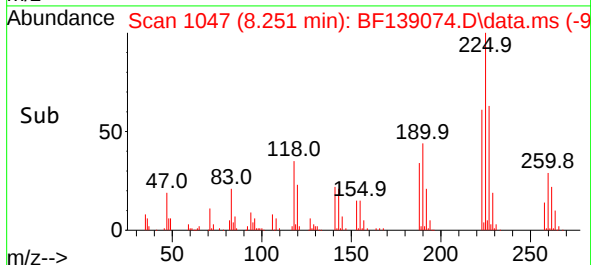
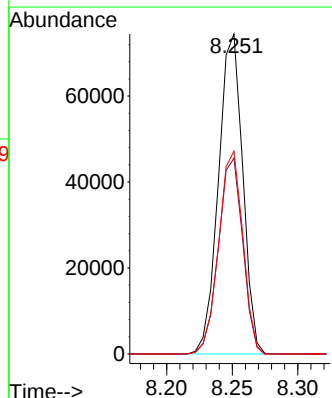
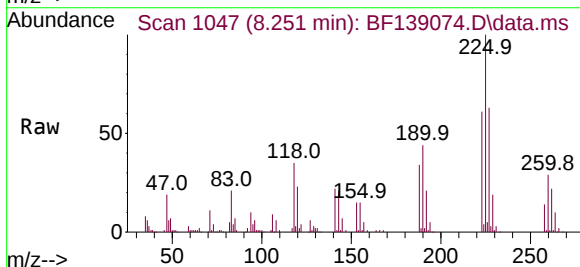
RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:	225	Resp:	95623
Ion Ratio	Lower	Upper	
225	100		
223	61.2	51.2	76.8
227	63.4	51.1	76.7





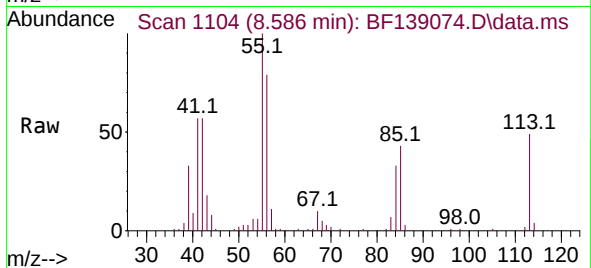
#35
Caprolactam
Concen: 51.380 ng m
RT: 8.586 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

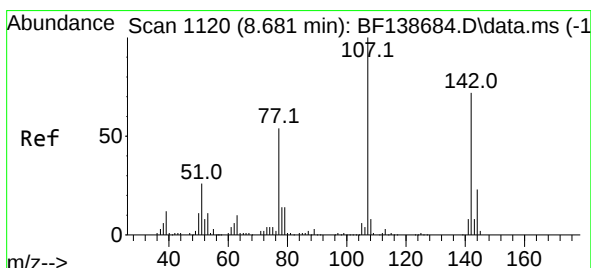
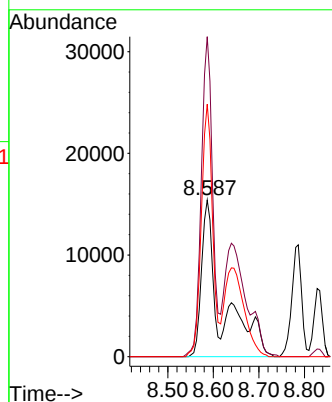
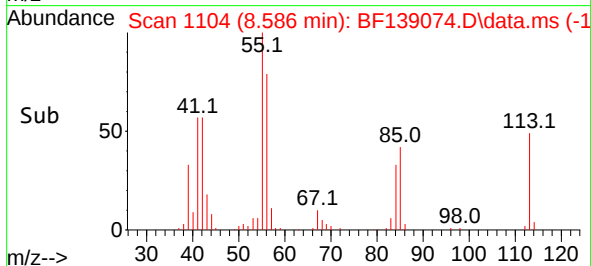


Tgt Ion:113 Resp: 4611
Ion Ratio Lower Upper
113 100
55 204.2 186.7 226.7
56 161.1 138.9 178.9

Manual Integrations

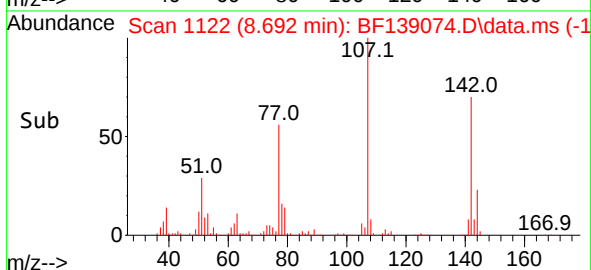
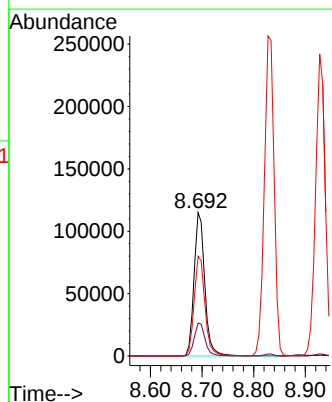
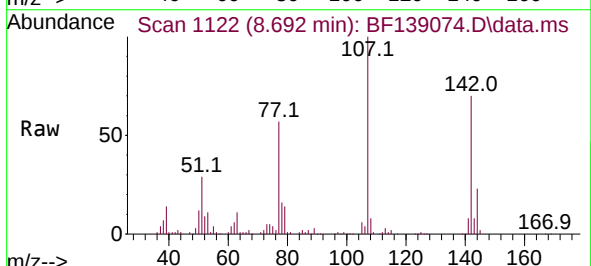
APPROVED

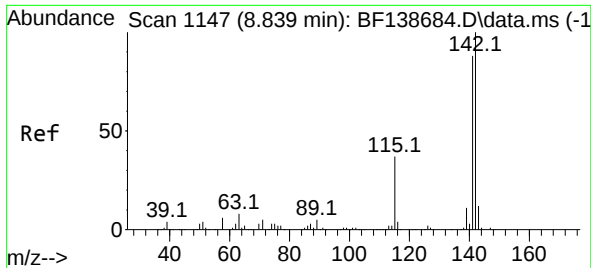
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 48.251 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:107 Resp: 165863
Ion Ratio Lower Upper
107 100
144 22.9 18.2 27.2
142 69.5 57.4 86.2





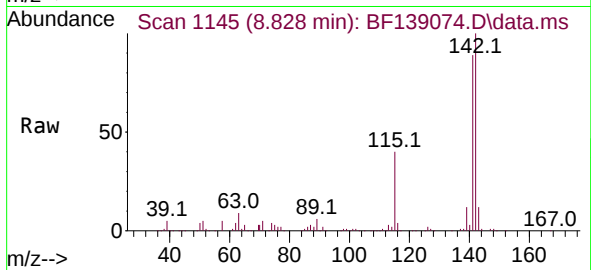
#37
2-Methylnaphthalene
Concen: 46.319 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

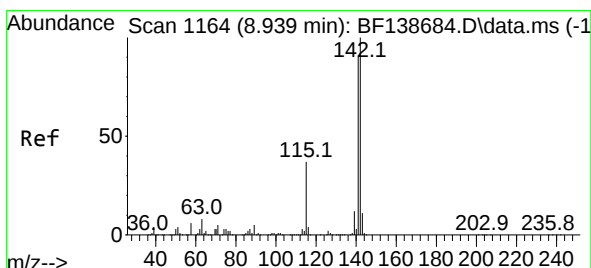
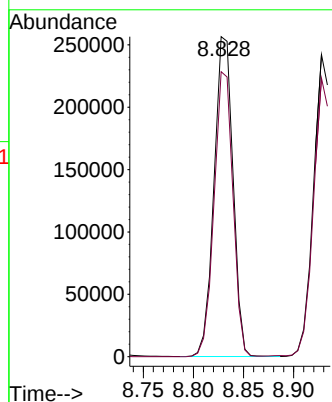
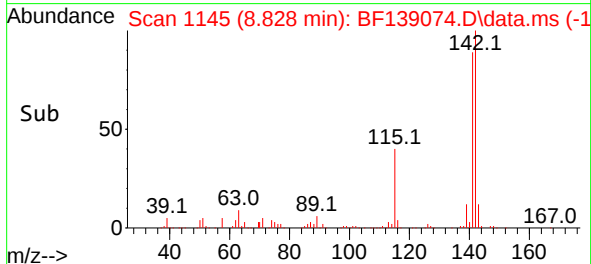


Tgt Ion:142 Resp: 336414
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

Manual Integrations

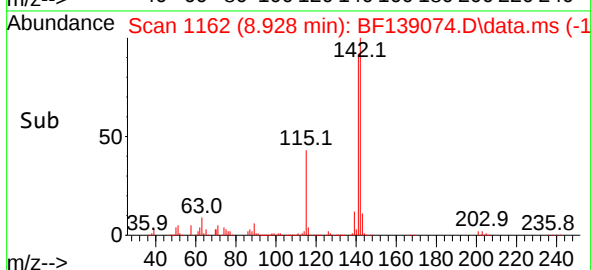
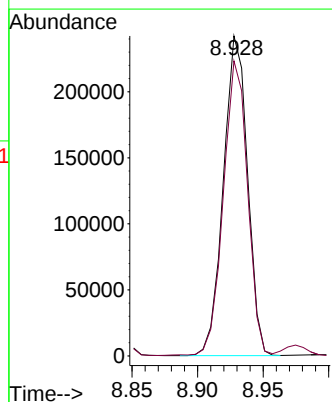
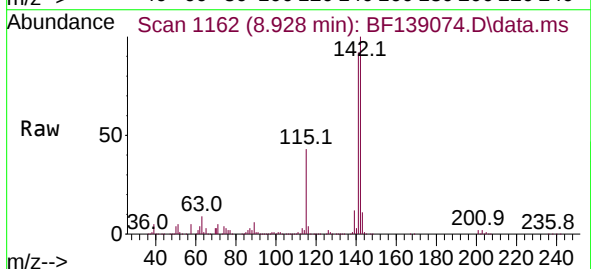
APPROVED

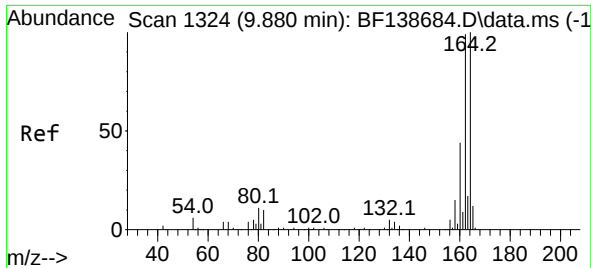
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 43.540 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:142 Resp: 309880
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 118610
Delta R.T. -0.005 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

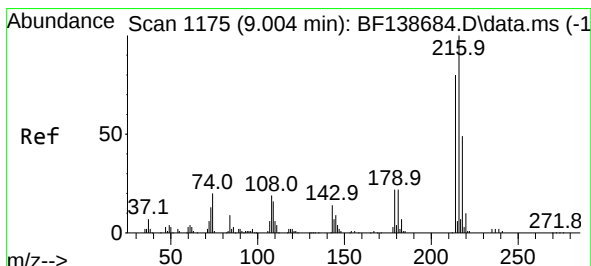
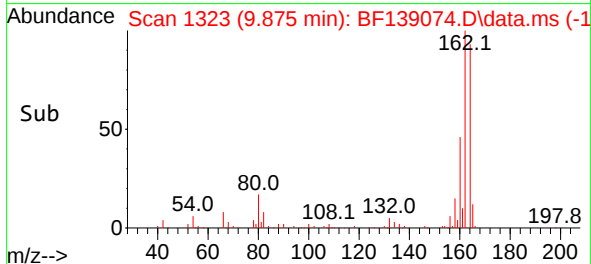
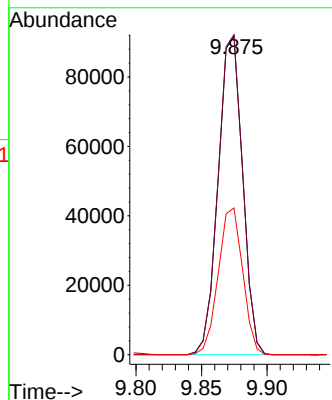
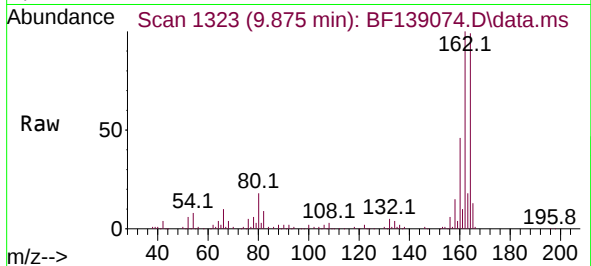
PB162549BS

Tgt Ion:164 Resp: 118610
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 46.1 35.1 52.7

Manual Integrations

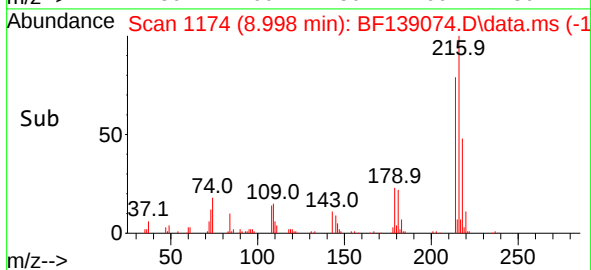
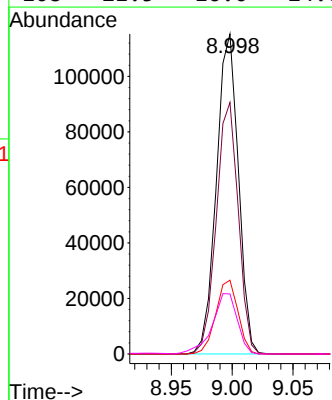
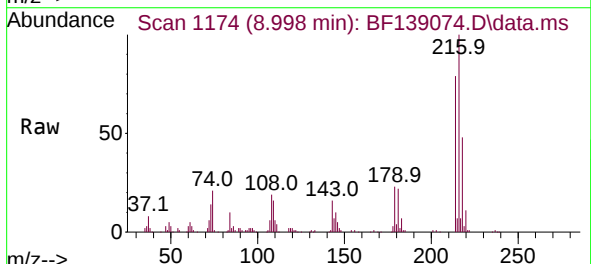
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.918 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

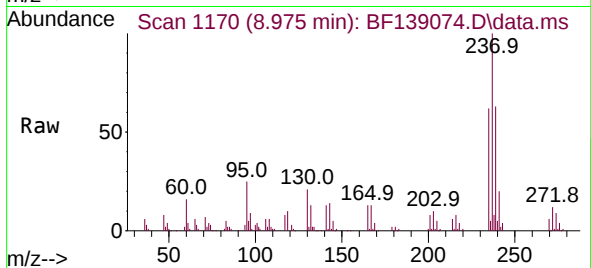
Tgt Ion:216 Resp: 144703
Ion Ratio Lower Upper
216 100
214 78.3 63.9 95.9
179 23.3 17.8 26.6
108 21.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 86.222 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

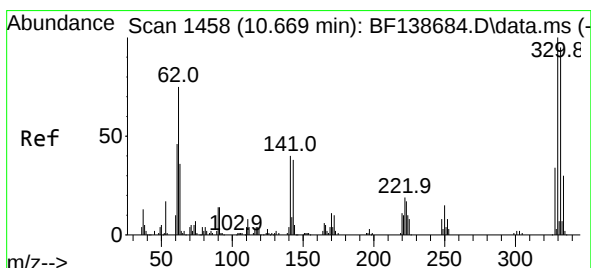
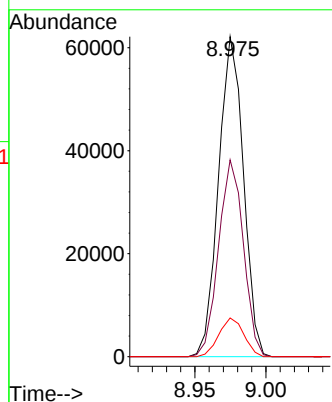
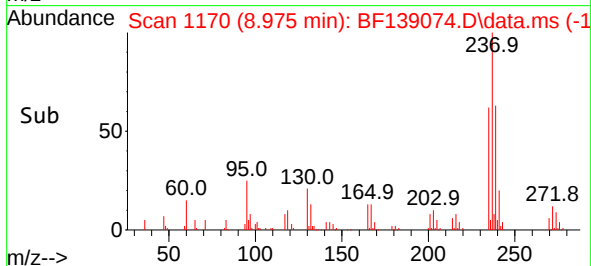
Instrument :
BNA_F
ClientSampleId :
PB162549BS



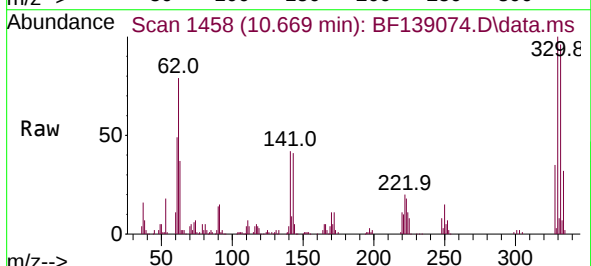
Tgt Ion:237 Resp: 7571
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.1 0.0 32.2

Manual Integrations
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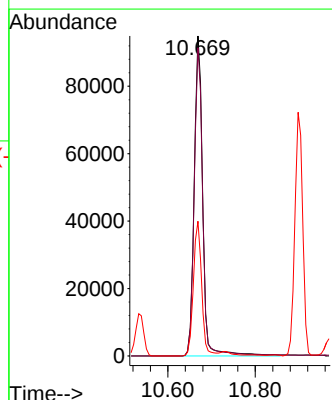
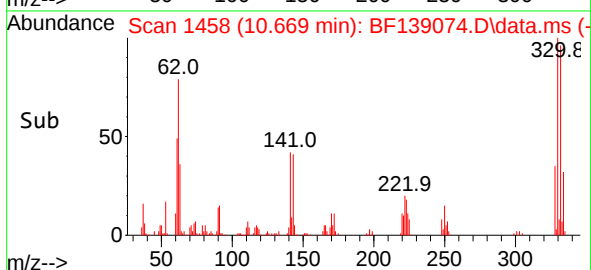
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

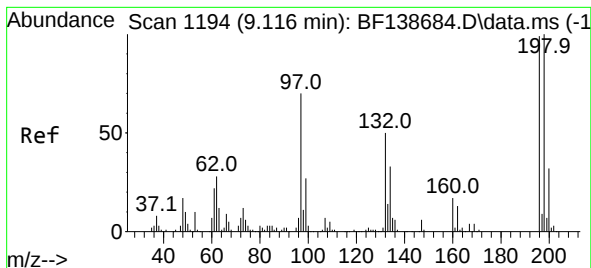


#42
2,4,6-Tribromophenol
Concen: 132.931 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



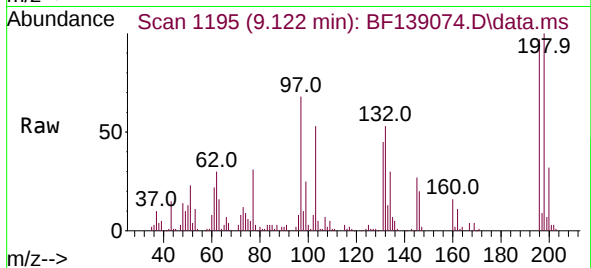
Tgt Ion:330 Resp: 129152
Ion Ratio Lower Upper
330 100
332 95.4 76.4 114.6
141 40.7 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 44.242 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

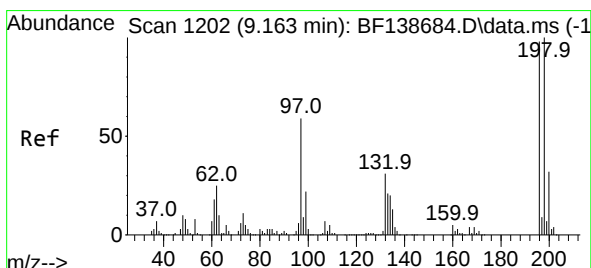
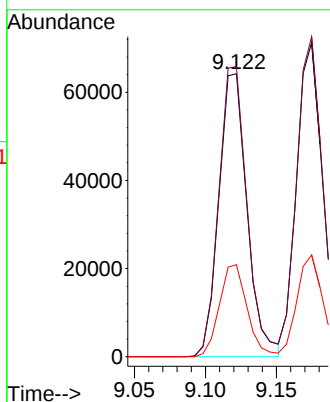
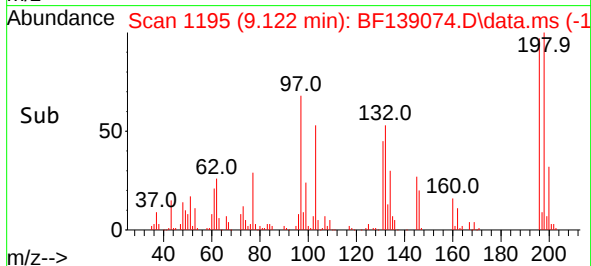
Instrument :
BNA_F
ClientSampleId :
PB162549BS



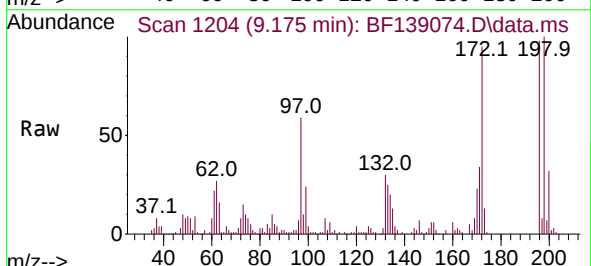
Tgt Ion:196 Resp: 88878
Ion Ratio Lower Upper
196 100
198 102.6 80.5 120.7
200 32.5 25.9 38.9

Manual Integrations
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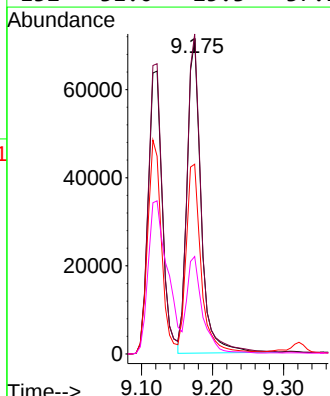
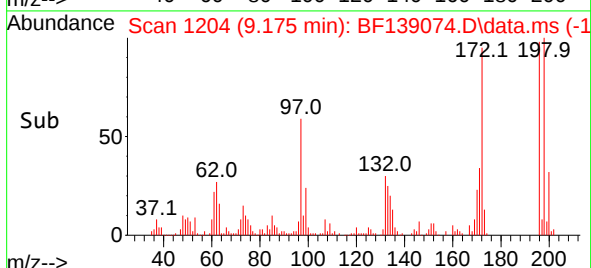
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

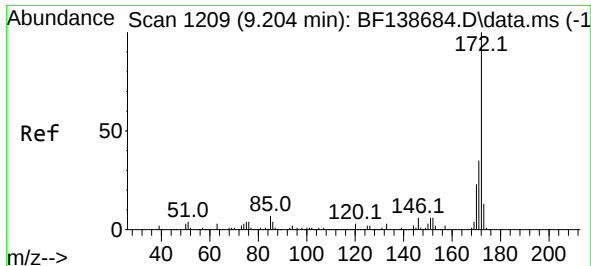


#44
2,4,5-Trichlorophenol
Concen: 44.566 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



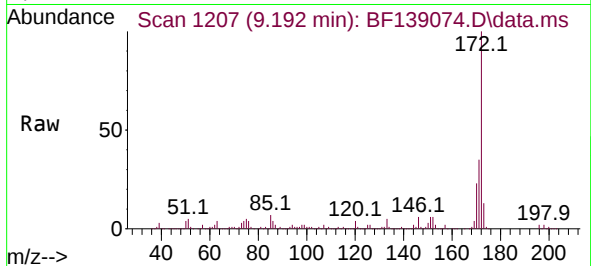
Tgt Ion:196 Resp: 97873
Ion Ratio Lower Upper
196 100
198 101.8 81.2 121.8
97 60.4 47.8 71.6
132 31.0 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 90.522 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

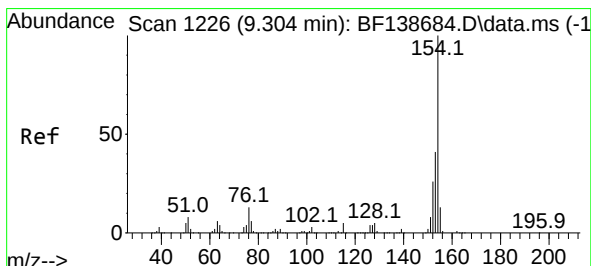
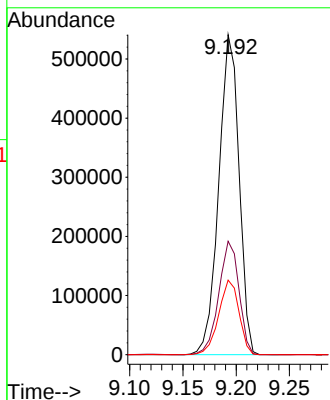
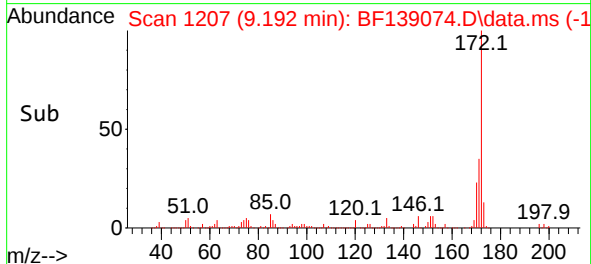
Instrument :
BNA_F
ClientSampleId :
PB162549BS



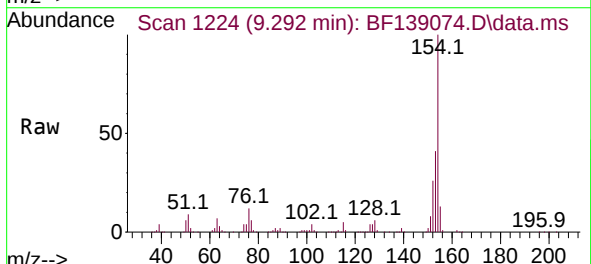
Tgt Ion:172 Resp: 714598
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations
APPROVED

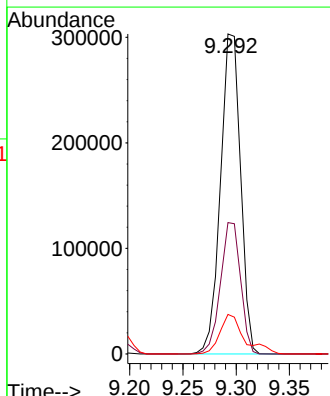
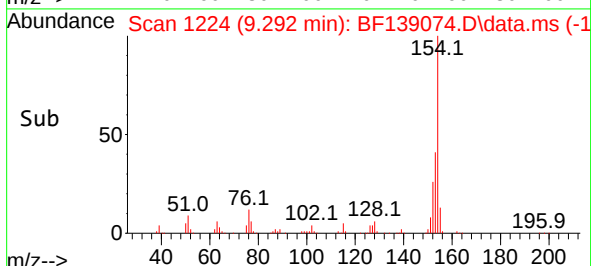
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#46
1,1'-Biphenyl
Concen: 42.687 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:154 Resp: 396539
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 12.3 0.0 32.8





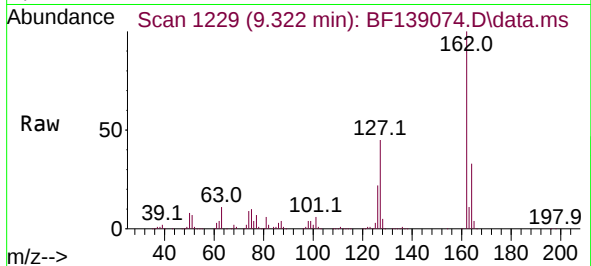
#47
2-Chloronaphthalene
Concen: 44.967 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

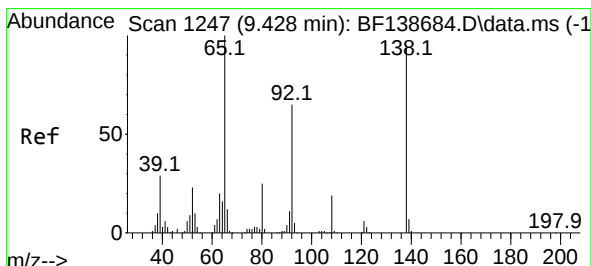
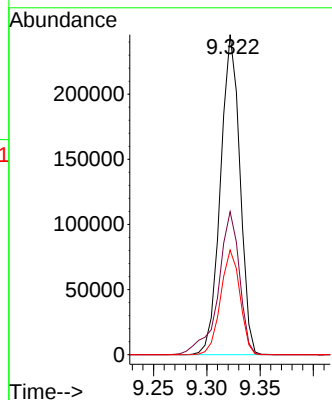
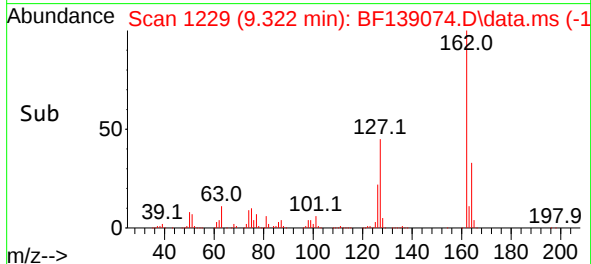


Tgt Ion:162 Resp: 31066
Ion Ratio Lower Upper
162 100
127 44.7 35.4 53.2
164 32.7 25.6 38.4

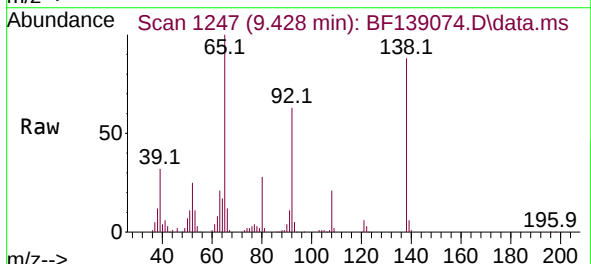
Manual Integrations

APPROVED

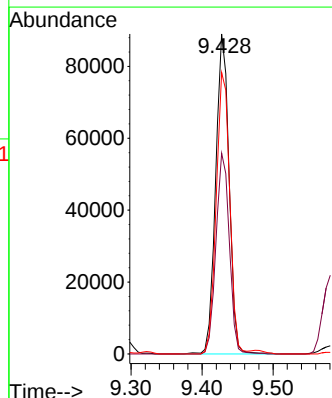
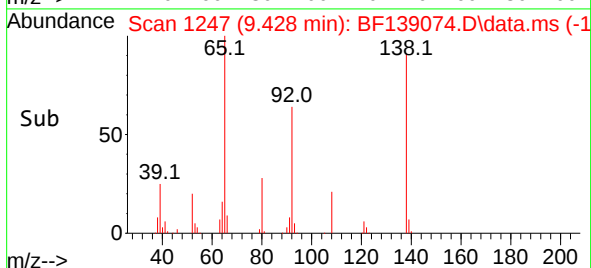
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

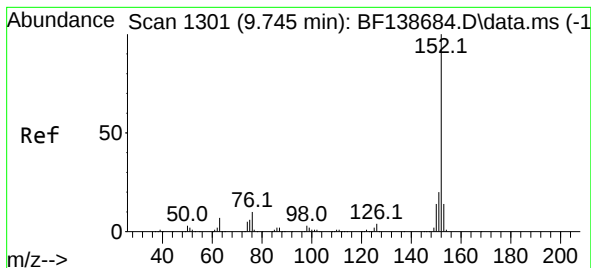


#48
2-Nitroaniline
Concen: 49.640 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion: 65 Resp: 116265
Ion Ratio Lower Upper
65 100
92 62.7 52.0 78.0
138 87.9 76.2 114.4





#49

Acenaphthylene

Concen: 49.168 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

Tgt Ion:152 Resp: 481779

Ion Ratio Lower Upper

152 100

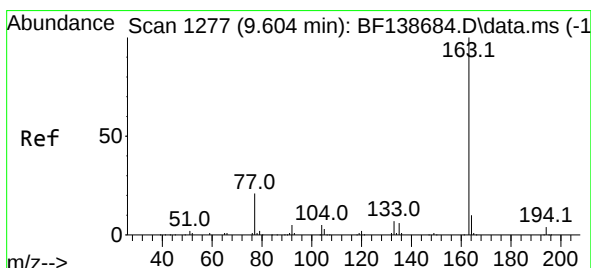
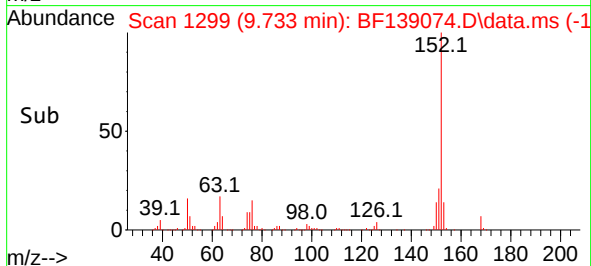
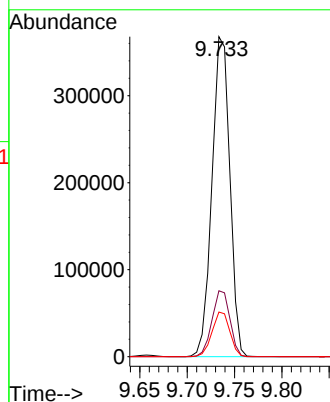
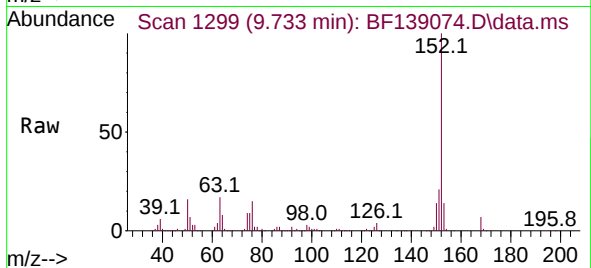
151 20.6 16.0 24.0

153 13.9 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50

Dimethylphthalate

Concen: 49.481 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

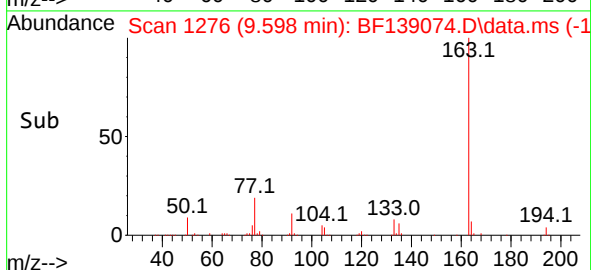
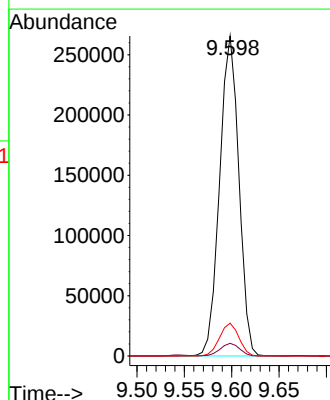
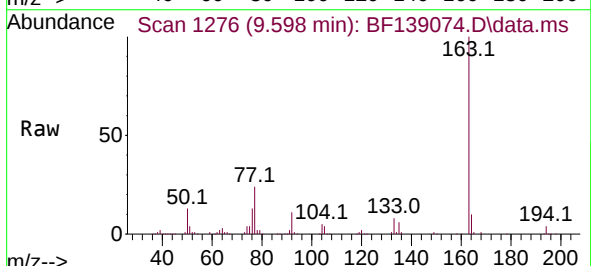
Tgt Ion:163 Resp: 375267

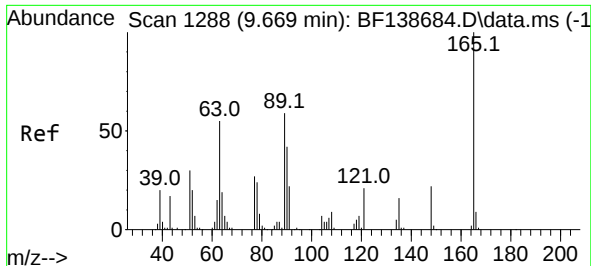
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 47.877 ng

RT: 9.669 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

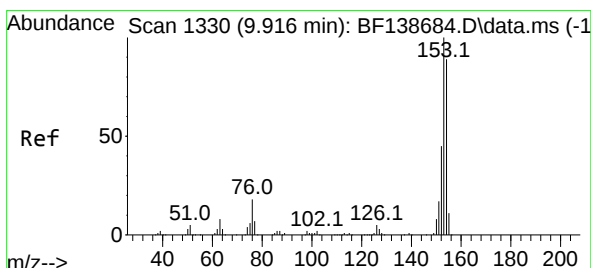
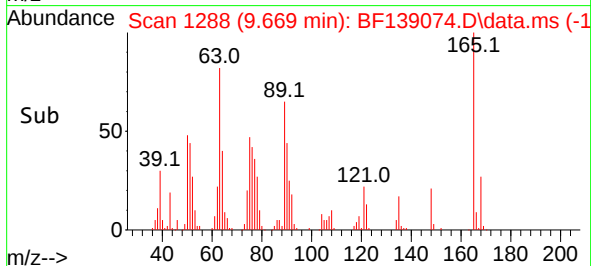
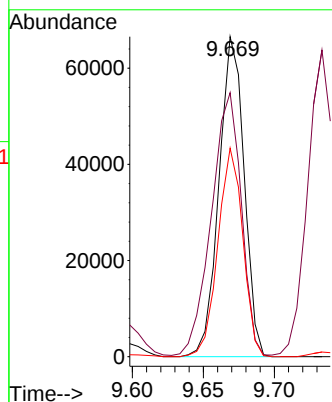
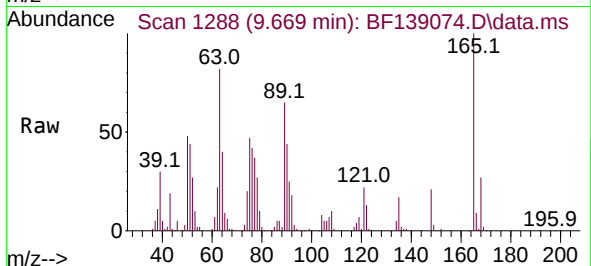
PB162549BS

Tgt Ion:165	Resp:	81940
Ion Ratio	Lower	Upper
165	100	
63	82.5	52.0 78.0
89	65.1	47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52

Acenaphthene

Concen: 45.039 ng

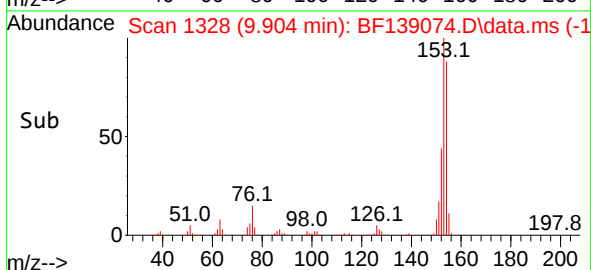
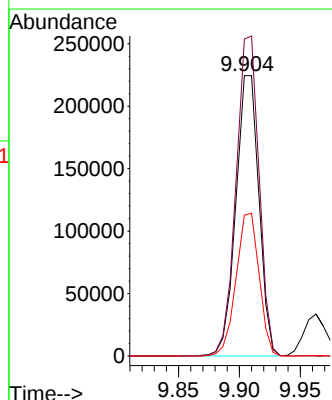
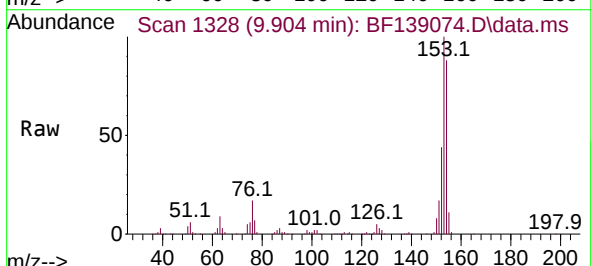
RT: 9.904 min Scan# 1328

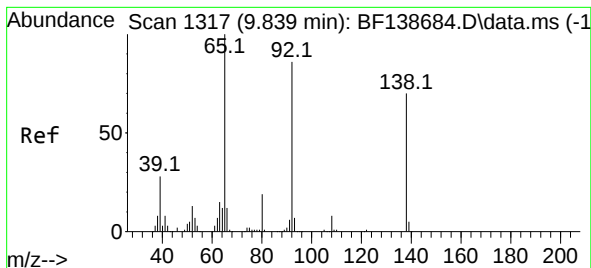
Delta R.T. -0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:154	Resp:	296663
Ion Ratio	Lower	Upper
154	100	
153	113.1	89.9 134.9
152	50.2	40.6 60.8





#53

3-Nitroaniline

Concen: 32.306 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

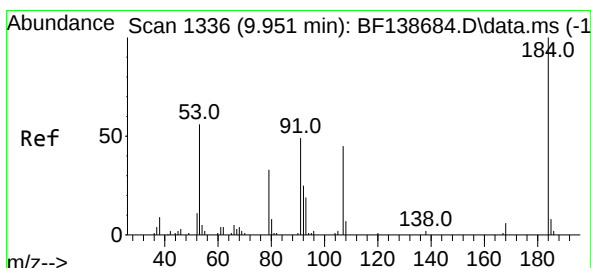
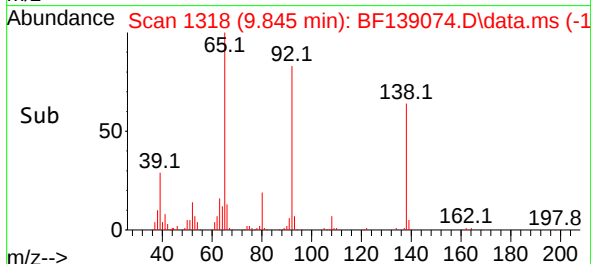
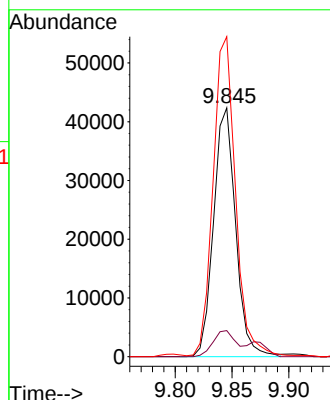
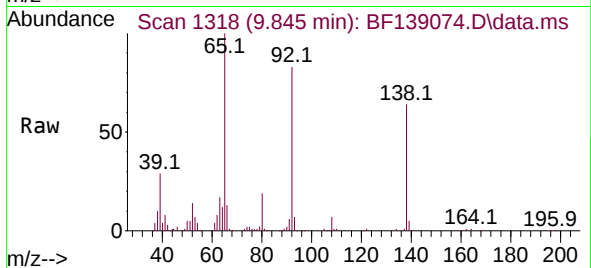
Tgt Ion:138 Resp: 5716

Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	128.6	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#54

2,4-Dinitrophenol

Concen: 80.125 ng

RT: 9.963 min Scan# 1338

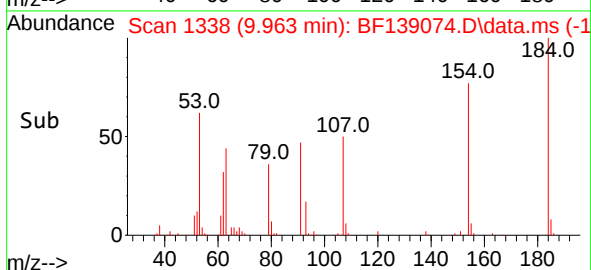
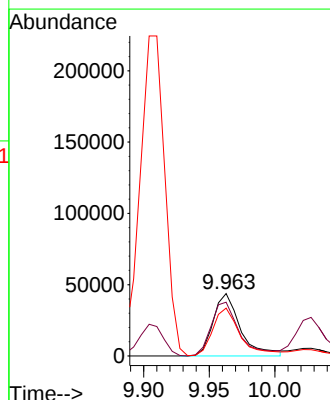
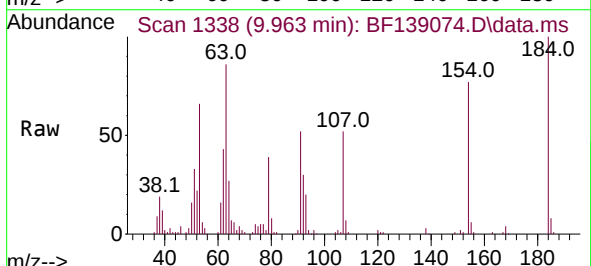
Delta R.T. 0.012 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:184 Resp: 63130

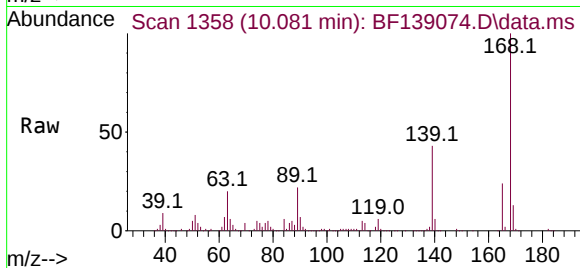
Ion	Ratio	Lower	Upper
184	100		
63	86.3	57.5	86.3#
154	76.7	51.7	77.5





#55
Dibenzenofuran
Concen: 47.292 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

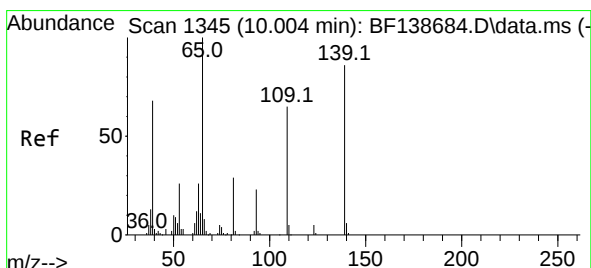
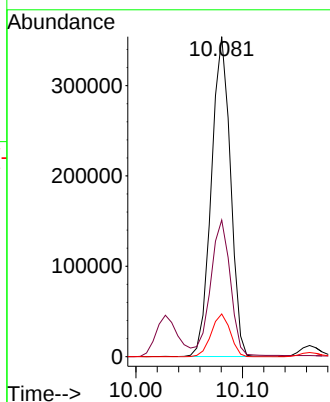
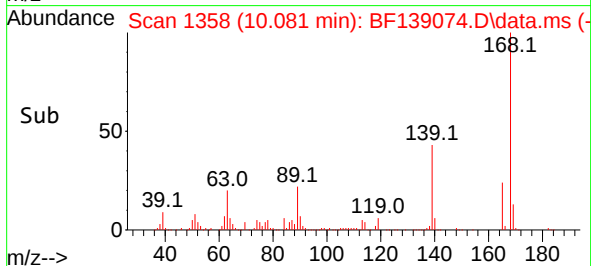
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion:168 Resp: 439720
Ion Ratio Lower Upper
168 100
139 42.7 32.6 49.0
169 13.4 10.7 16.1

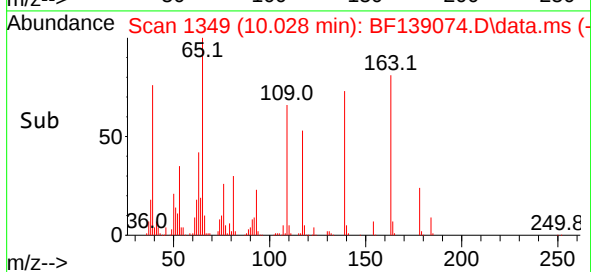
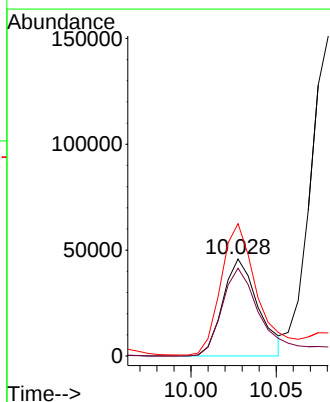
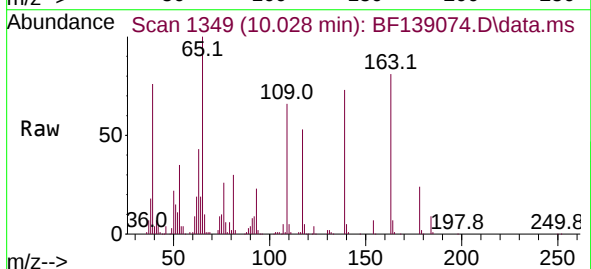
Manual Integrations
APPROVED

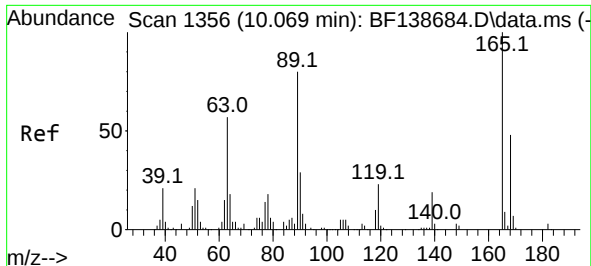
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#56
4-Nitrophenol
Concen: 62.015 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:139 Resp: 65986
Ion Ratio Lower Upper
139 100
109 90.4 55.5 95.5
65 136.4 96.7 136.7





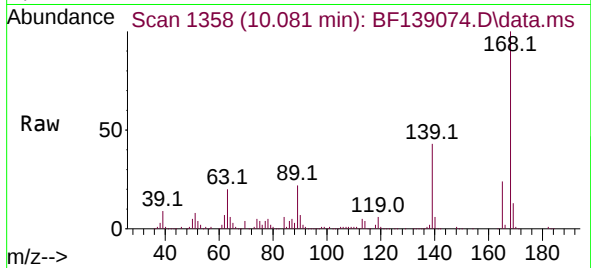
#57
2,4-Dinitrotoluene
Concen: 48.968 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

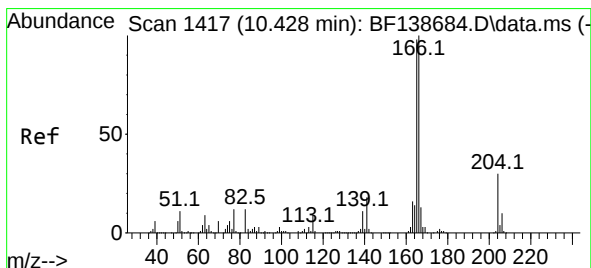
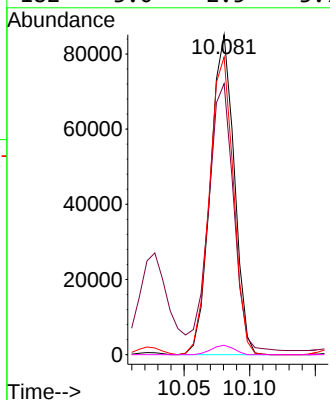
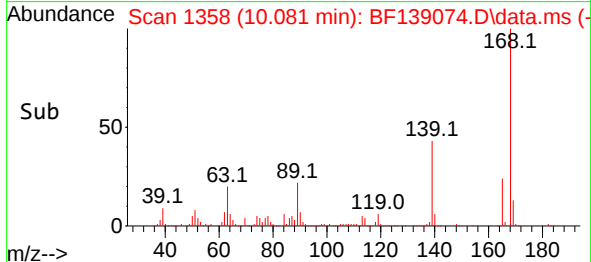


Tgt Ion:165 Resp: 106932
Ion Ratio Lower Upper
165 100
63 84.7 46.3 69.5
89 93.0 64.2 96.4
182 3.0 2.5 3.7

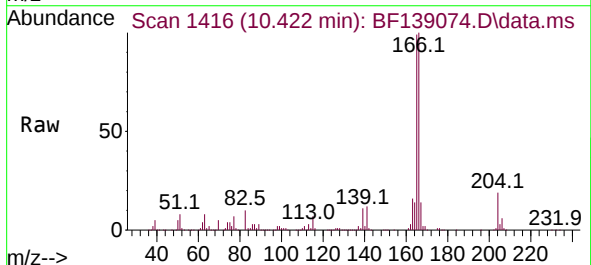
Manual Integrations

APPROVED

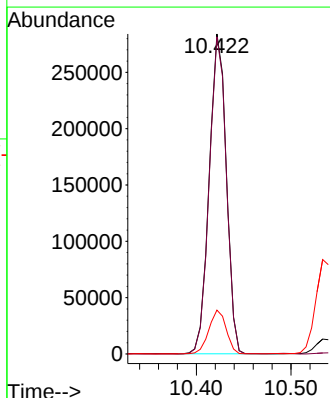
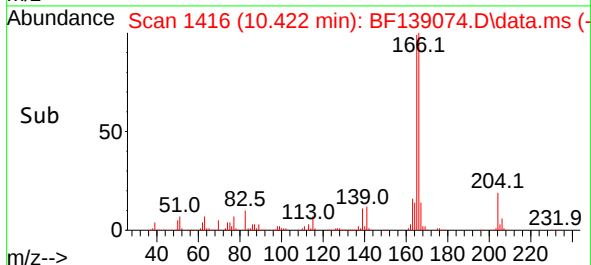
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#58
Fluorene
Concen: 48.257 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



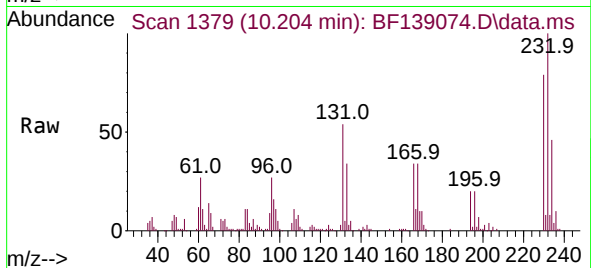
Tgt Ion:166 Resp: 357316
Ion Ratio Lower Upper
166 100
165 99.1 78.4 117.6
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.495 ng m
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

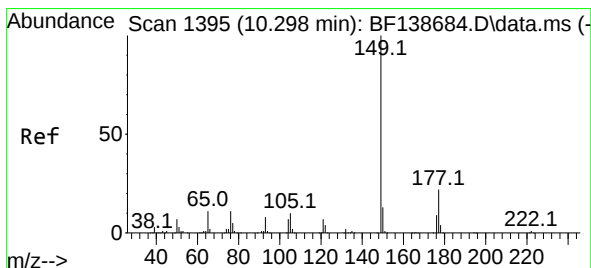
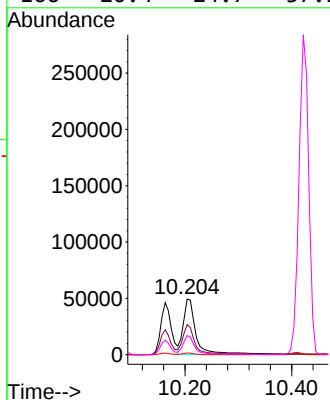
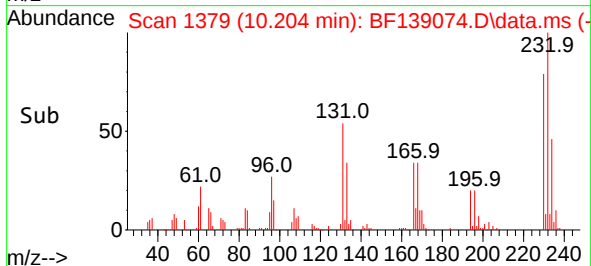
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion:232 Resp: 8478
Ion Ratio Lower Upper
232 100
131 35.7 37.0 55.4
130 2.2 2.0 3.0
166 20.4 24.7 37.1#

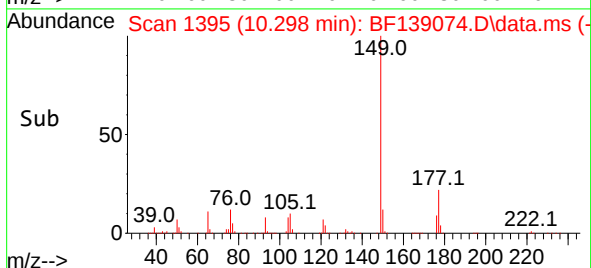
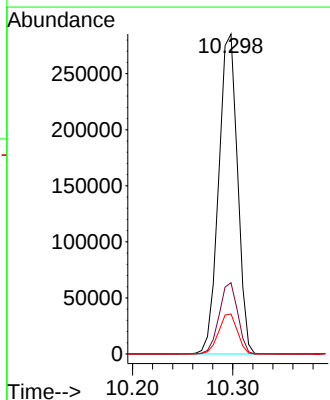
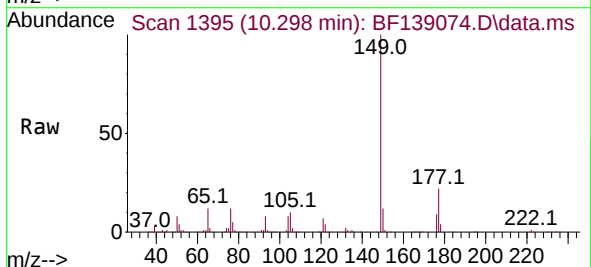
Manual Integrations
APPROVED

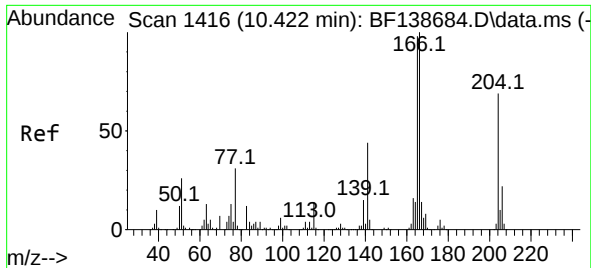
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#60
Diethylphthalate
Concen: 51.654 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

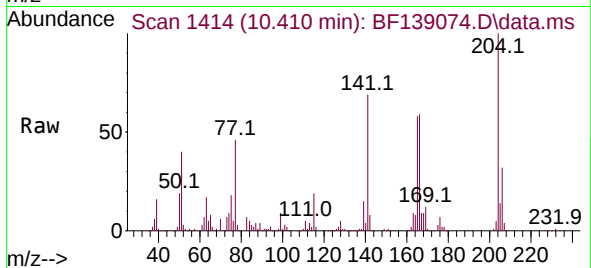
Tgt Ion:149 Resp: 371444
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.747 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

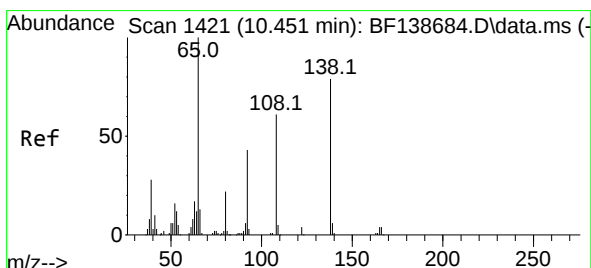
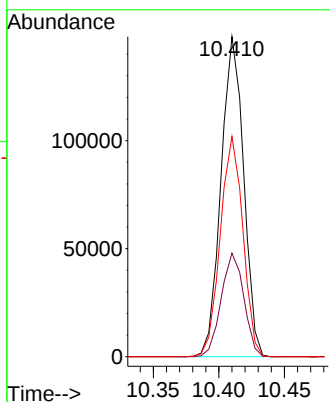
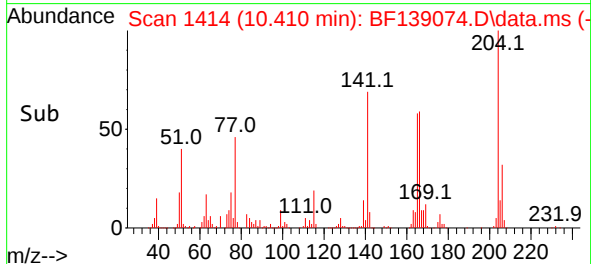
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion:204 Resp: 17751
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 68.8 51.4 77.0

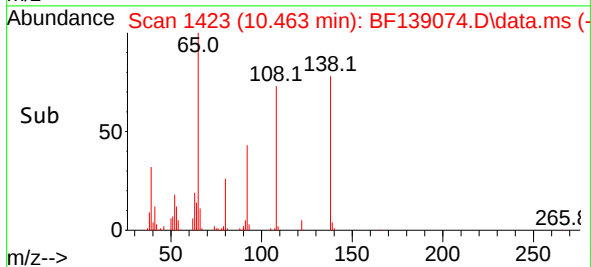
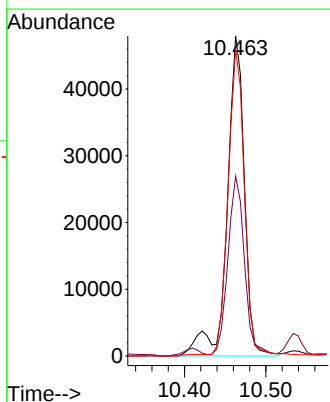
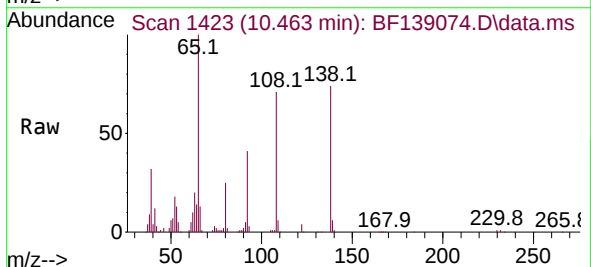
Manual Integrations
APPROVED

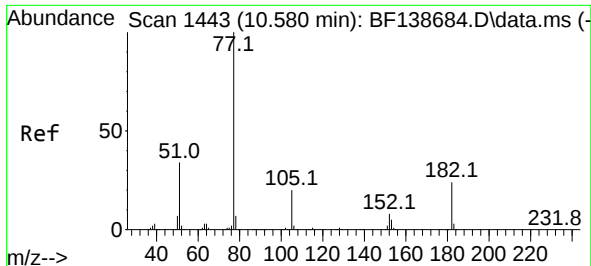
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#62
4-Nitroaniline
Concen: 42.311 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:138 Resp: 71145
Ion Ratio Lower Upper
138 100
92 56.2 34.2 74.2
108 95.8 56.2 96.2





#63
Azobenzene
Concen: 48.467 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

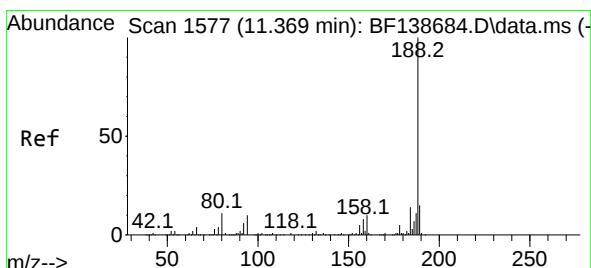
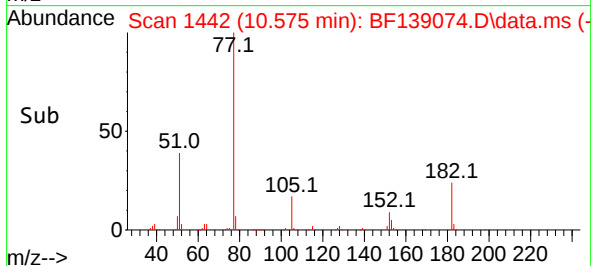
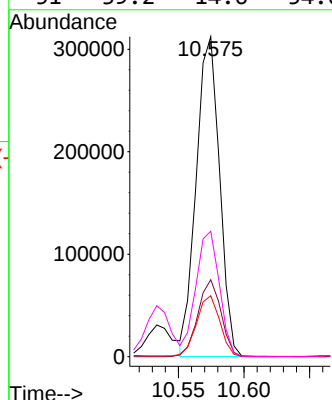
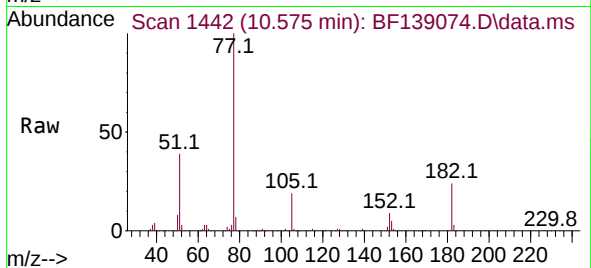
PB162549BS

Tgt Ion: 77 Resp: 38654
Ion Ratio Lower Upper
77 100
182 24.1 3.4 43.4
105 19.1 0.2 40.2
51 39.2 14.6 54.6

Manual Integrations

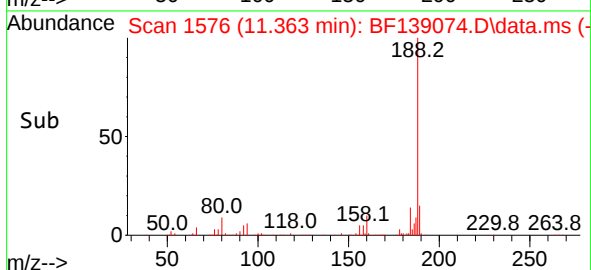
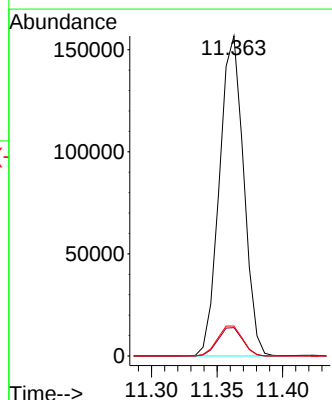
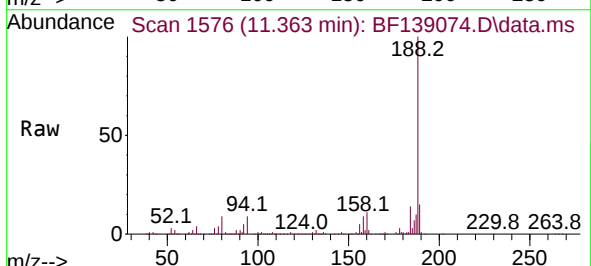
APPROVED

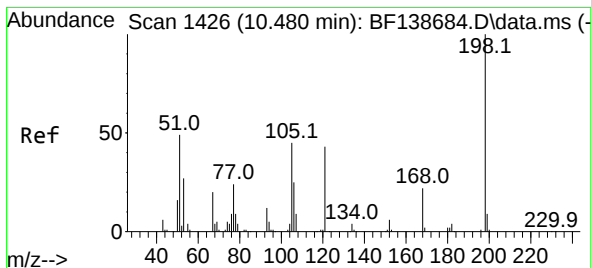
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:188 Resp: 200989
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.3 8.6 12.8





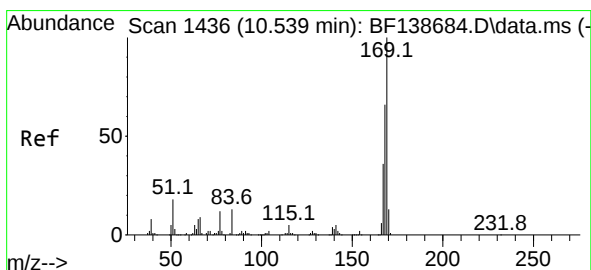
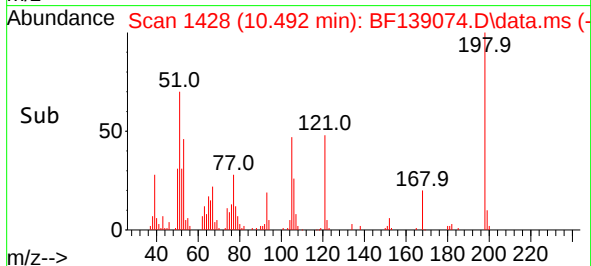
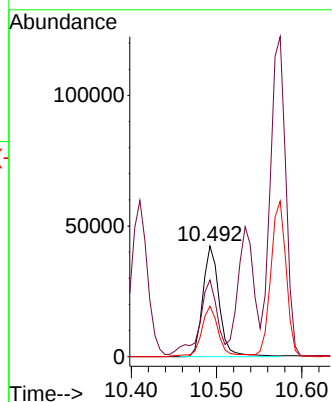
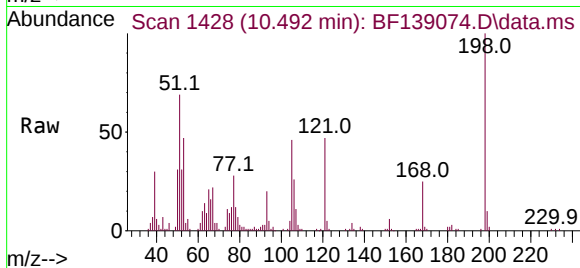
#65
4,6-Dinitro-2-methylphenol
Concen: 46.112 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Tgt Ion:198 Resp: 5654
Ion Ratio Lower Upper
198 100
51 69.3 39.9 79.9
105 45.7 26.1 66.1

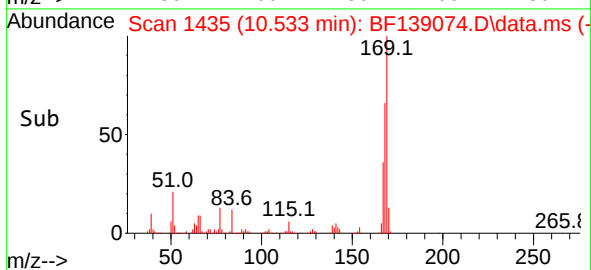
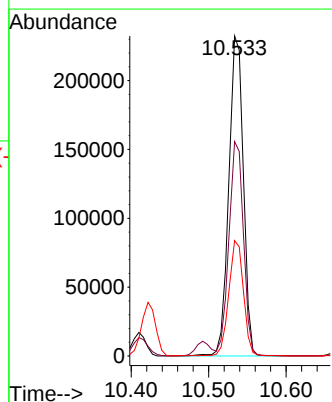
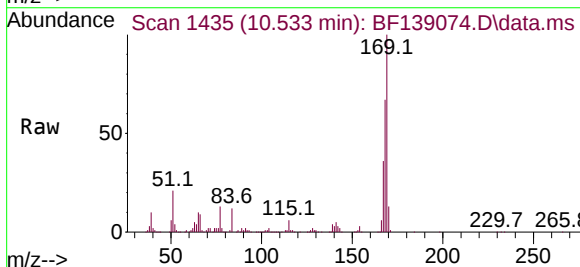
Manual Integrations
APPROVED

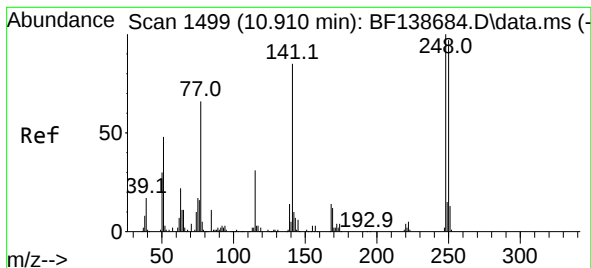
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 48.385 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

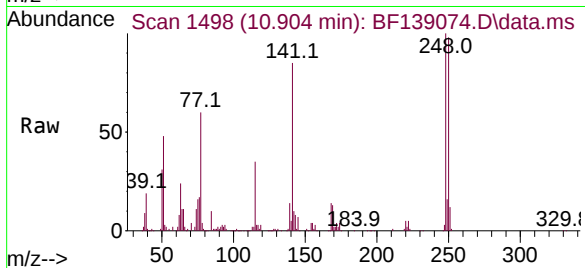
Tgt Ion:169 Resp: 303979
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.753 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

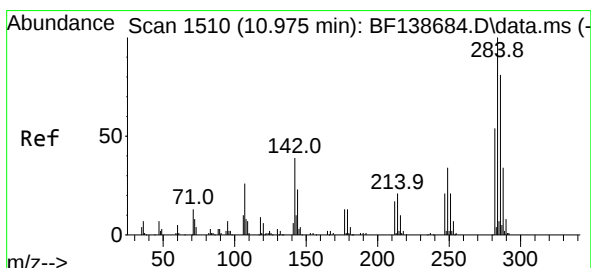
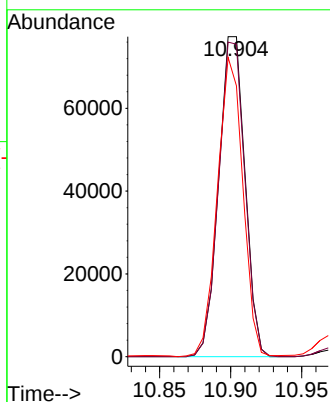
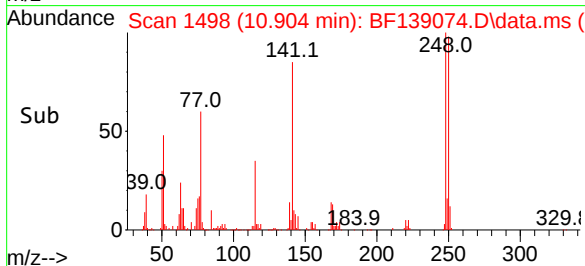
Instrument :
BNA_F
ClientSampleId :
PB162549BS



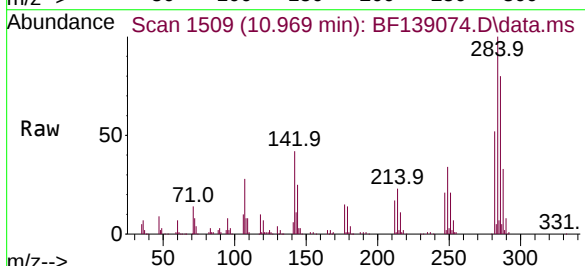
Tgt Ion:248 Resp: 99562
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 84.6 68.0 102.0

Manual Integrations
APPROVED

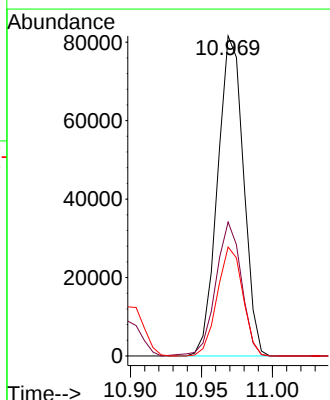
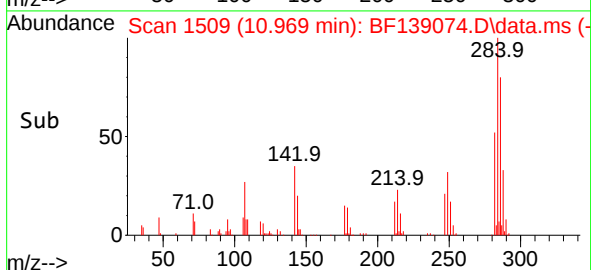
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

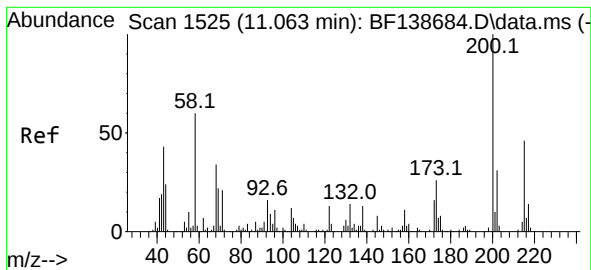


#68
Hexachlorobenzene
Concen: 46.029 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:284 Resp: 103418
Ion Ratio Lower Upper
284 100
142 41.9 31.3 46.9
249 34.1 27.2 40.8





#69

Atrazine

Concen: 51.705 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

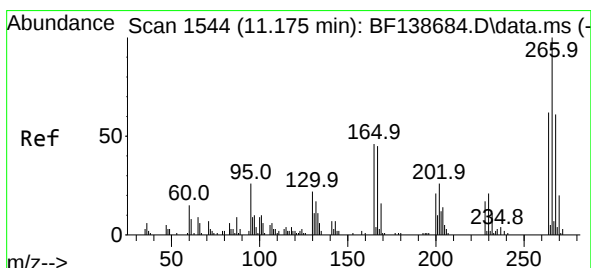
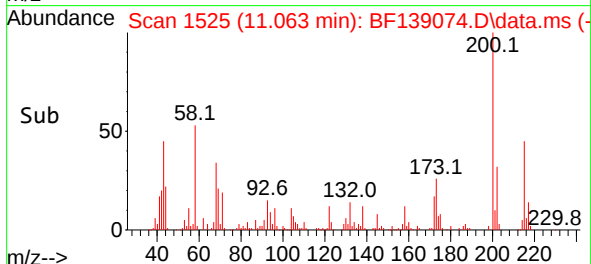
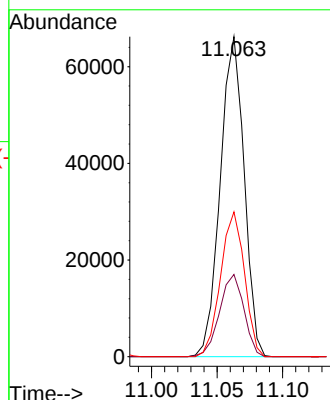
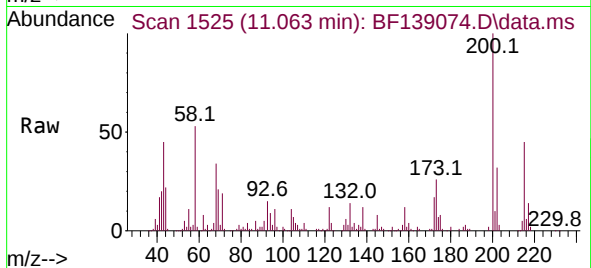
PB162549BS

Tgt Ion:200	Resp:	8380
Ion Ratio	Lower	Upper
200	100	
173	25.7	6.0 46.0
215	45.3	26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#70

Pentachlorophenol

Concen: 60.146 ng

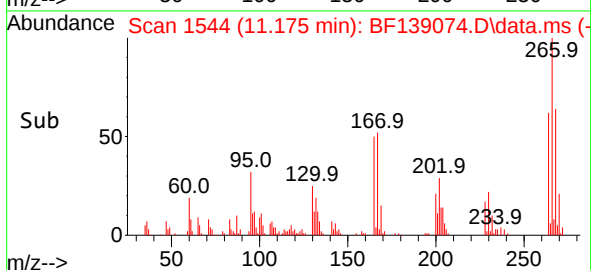
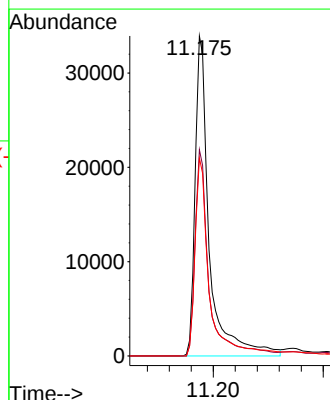
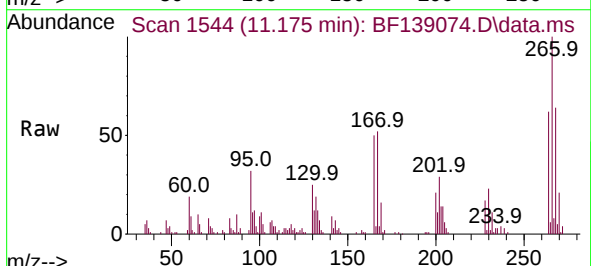
RT: 11.175 min Scan# 1544

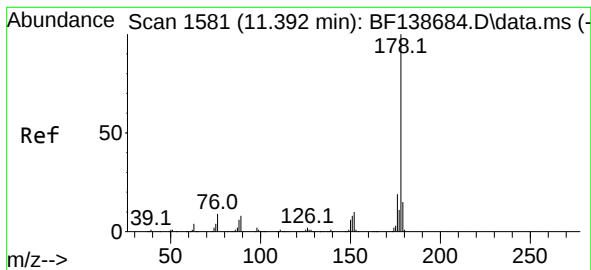
Delta R.T. -0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:266	Resp:	60912
Ion Ratio	Lower	Upper
266	100	
268	64.5	49.2 73.8
264	61.9	49.8 74.6





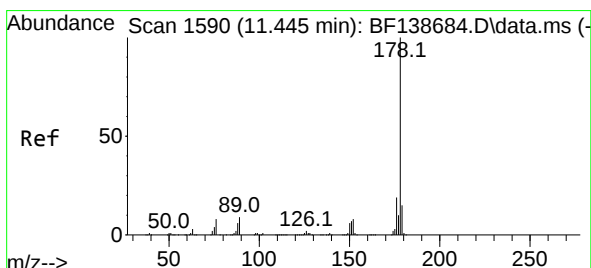
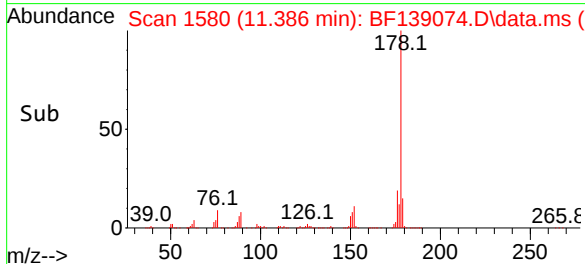
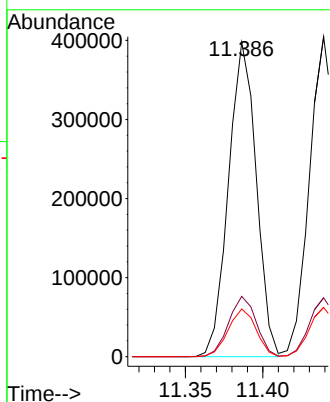
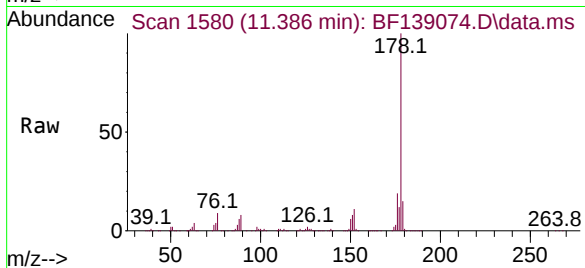
#71
Phenanthrene
Concen: 47.811 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :
BNA_F
ClientSampleId :
PB162549BS

Tgt Ion:178 Resp: 494814
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2

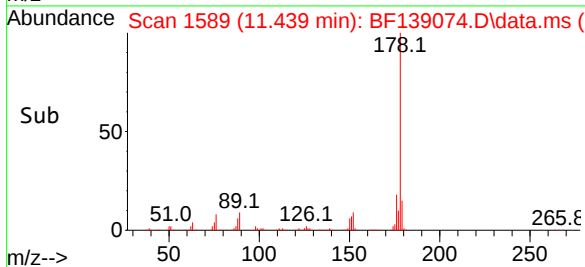
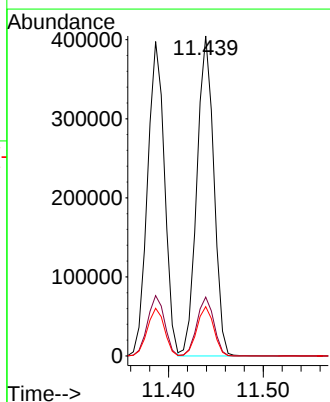
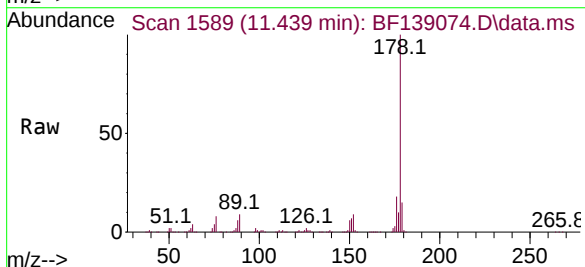
Manual Integrations
APPROVED

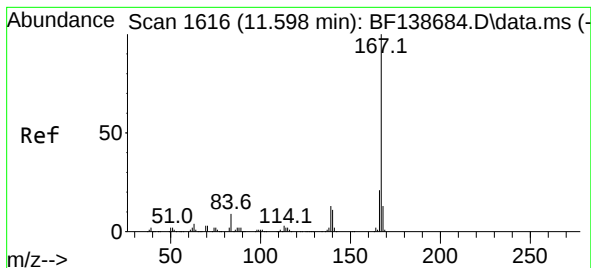
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#72
Anthracene
Concen: 49.222 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:178 Resp: 501843
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 45.978 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

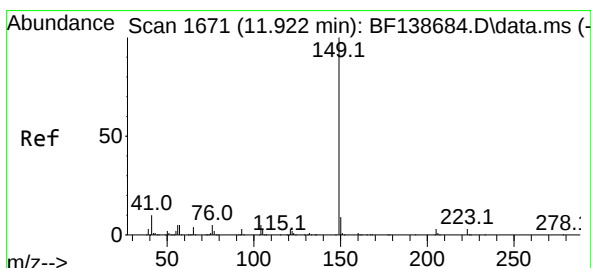
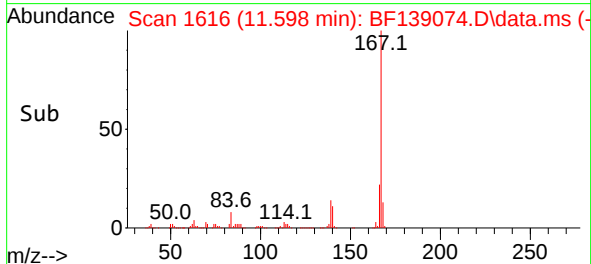
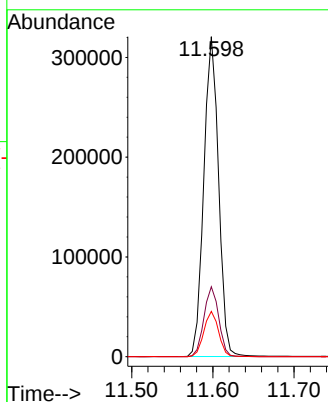
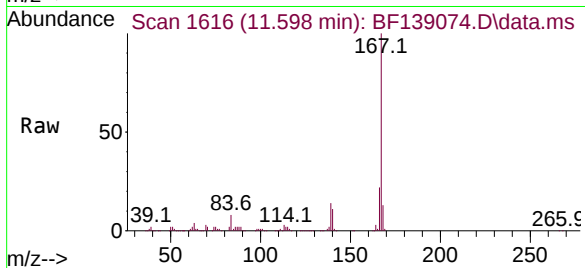
PB162549BS

Tgt Ion:167	Resp: 40443
Ion Ratio	Lower Upper
167 100	
166 21.8	17.2 25.8
139 14.2	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#74

Di-n-butylphthalate

Concen: 56.046 ng

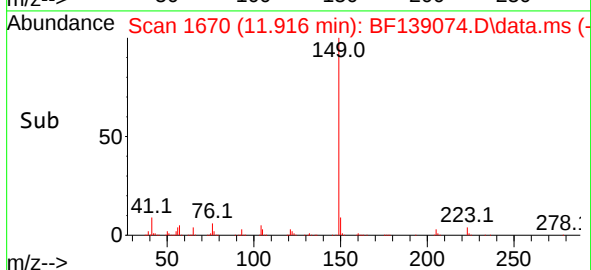
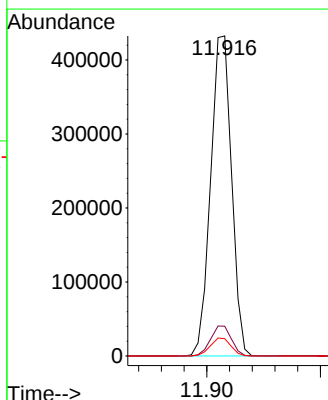
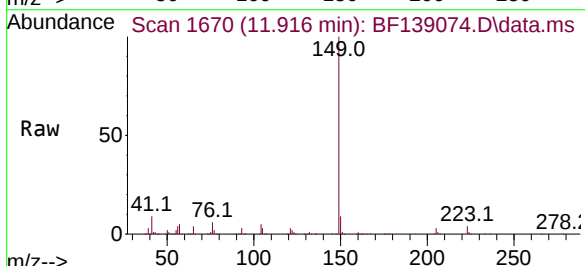
RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

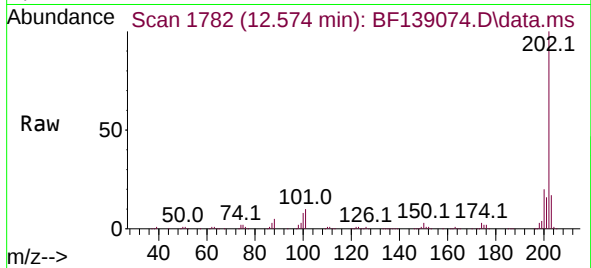
Tgt Ion:149	Resp: 554200
Ion Ratio	Lower Upper
149 100	
150 9.3	7.4 11.0
104 5.4	4.1 6.1





#75
Fluoranthene
Concen: 46.418 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

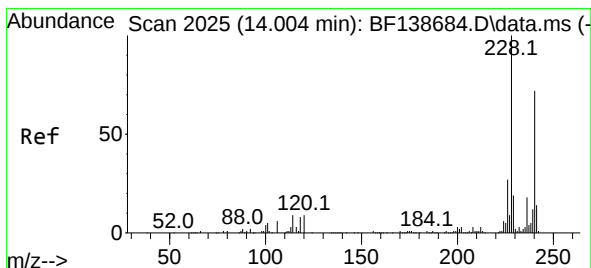
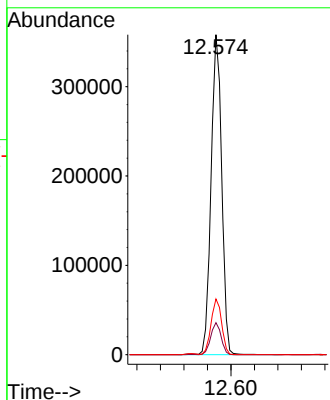
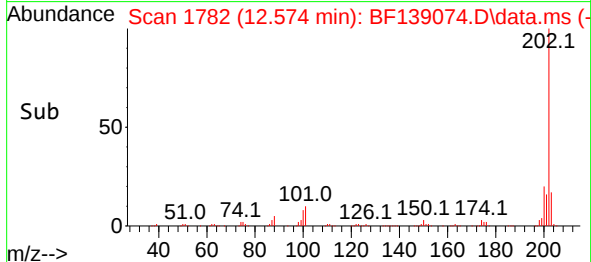
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion:202 Resp: 448475
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 17.4 0.0 37.3

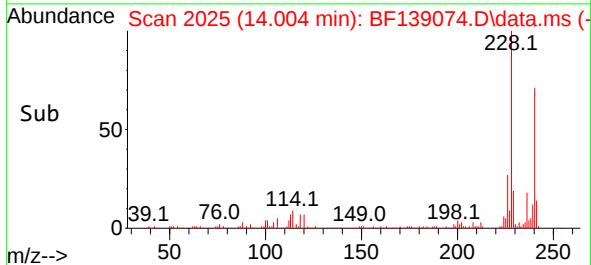
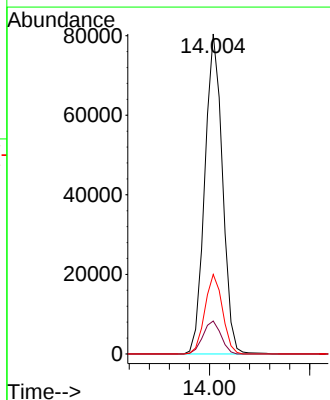
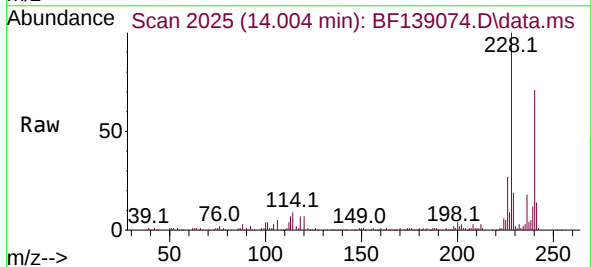
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

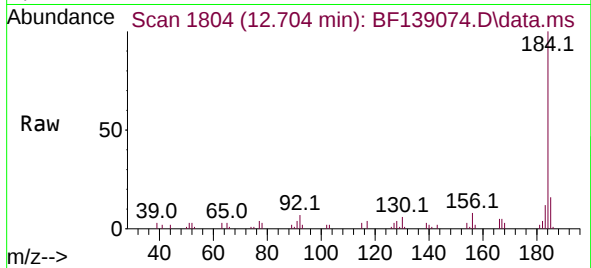
Tgt Ion:240 Resp: 98614
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 24.8 19.8 29.8





#77
Benzidine
Concen: 10.310 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

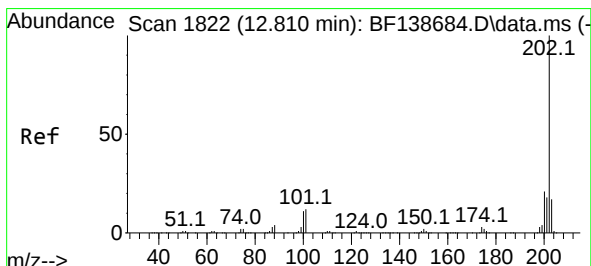
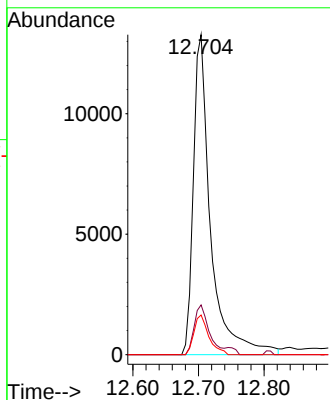
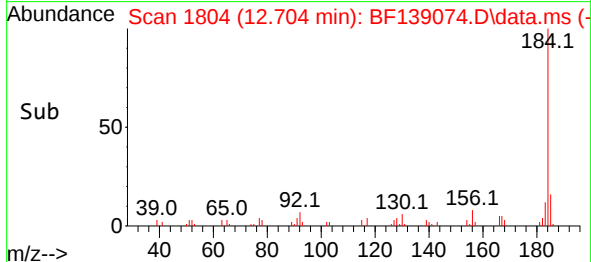
Instrument :
BNA_F
ClientSampleId :
PB162549BS



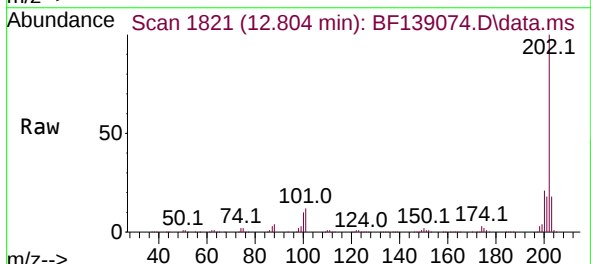
Tgt Ion:184 Resp: 24318
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 12.4 9.6 14.4

Manual Integrations
APPROVED

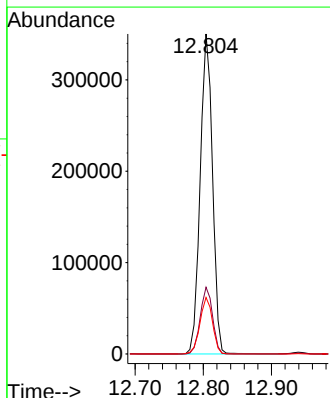
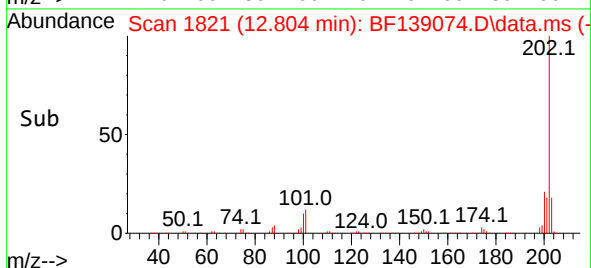
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78
Pyrene
Concen: 47.397 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



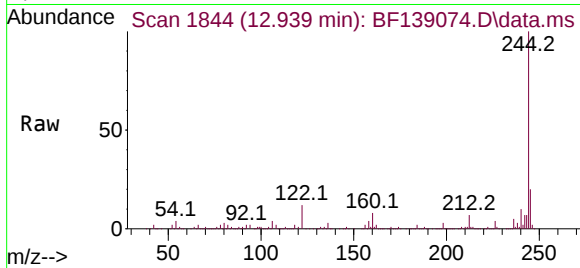
Tgt Ion:202 Resp: 440072
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 13.8 20.6





#79
Terphenyl-d14
Concen: 108.632 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

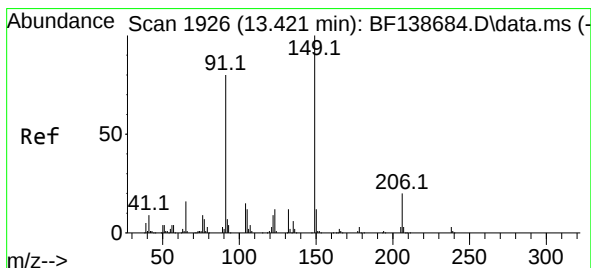
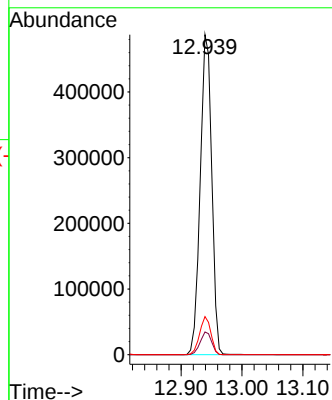
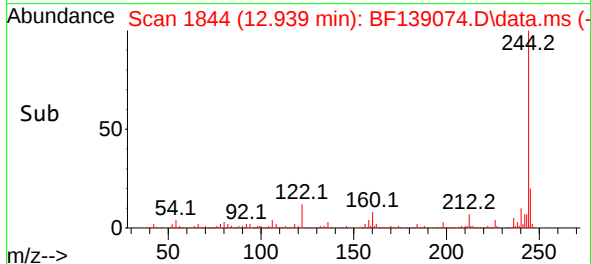
Instrument :
BNA_F
ClientSampleId :
PB162549BS



Tgt Ion:244 Resp: 639839
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 9.6 14.4

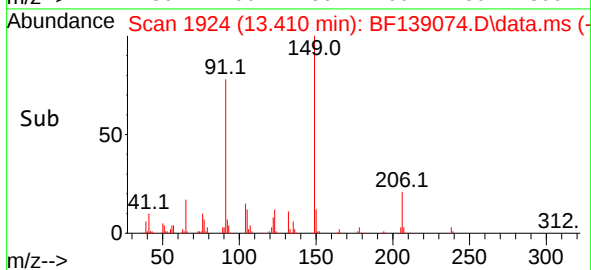
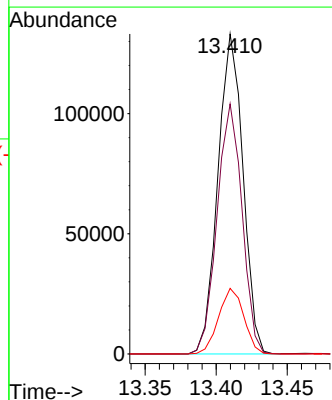
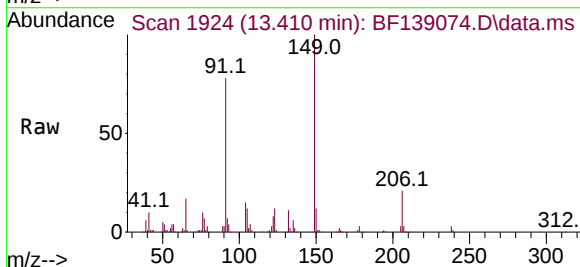
Manual Integrations
APPROVED

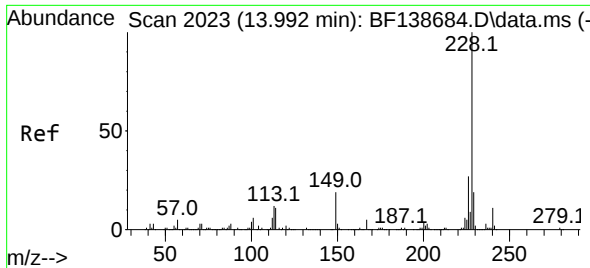
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#80
Butylbenzylphthalate
Concen: 54.968 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:149 Resp: 163433
Ion Ratio Lower Upper
149 100
91 78.1 63.7 95.5
206 20.5 16.2 24.2





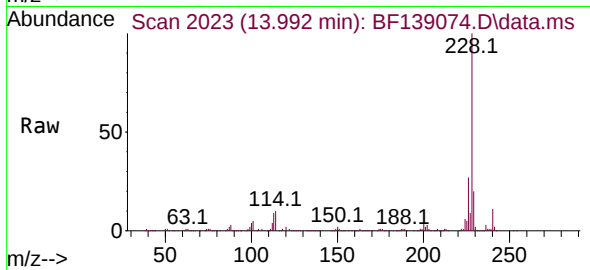
#81
Benzo(a)anthracene
Concen: 45.786 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

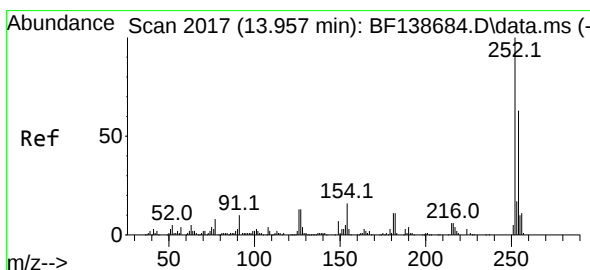
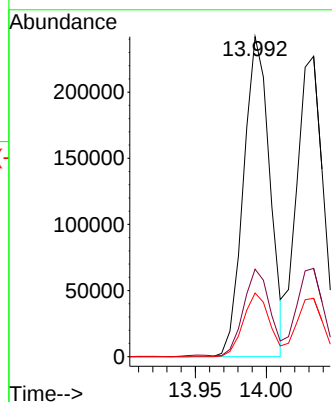
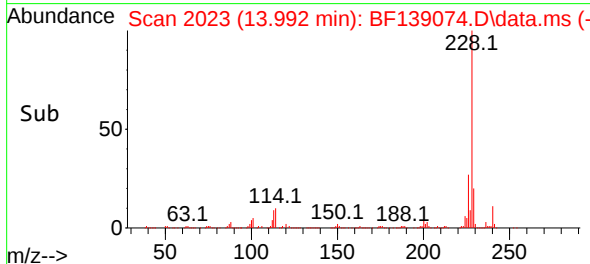


Tgt Ion:228 Resp: 31092
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.4 23.0

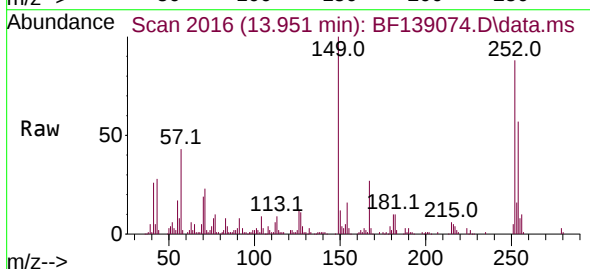
Manual Integrations

APPROVED

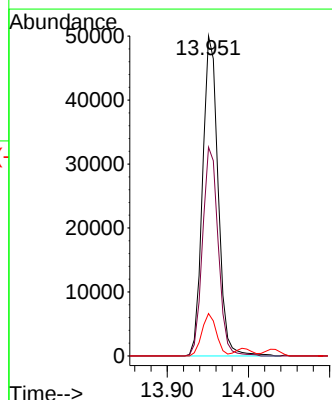
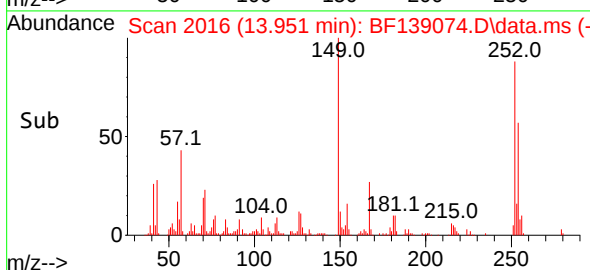
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

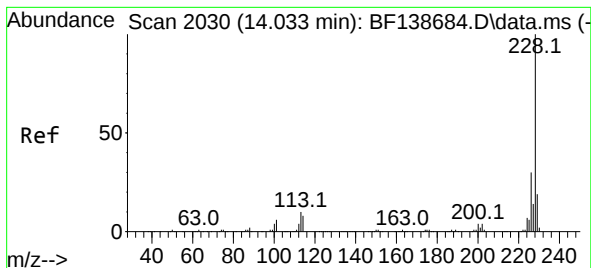


#82
3,3'-Dichlorobenzidine
Concen: 38.140 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:252 Resp: 66280
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 13.2 10.2 15.2





#83

Chrysene

Concen: 48.270 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

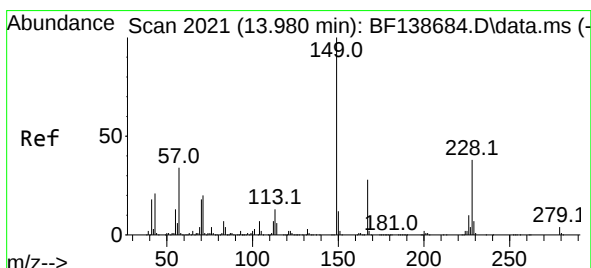
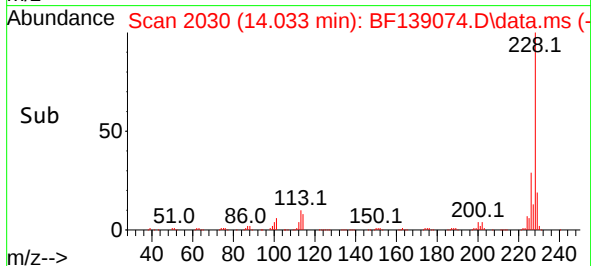
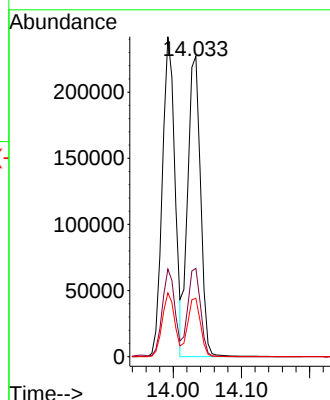
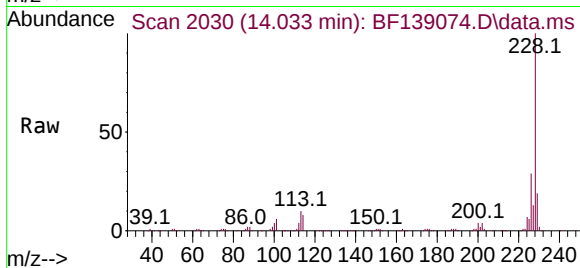
PB162549BS

Tgt Ion:	228	Resp:	29573
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.7	35.5
229	19.4	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.407 ng

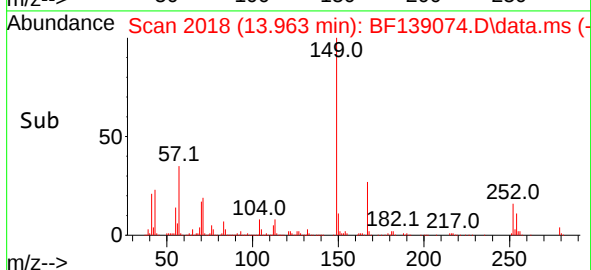
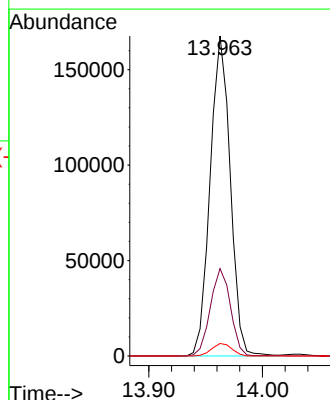
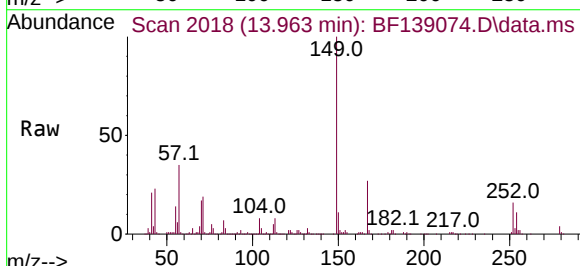
RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:	149	Resp:	206402
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.2	33.4
279	3.9	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 40.800 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

PB162549BS

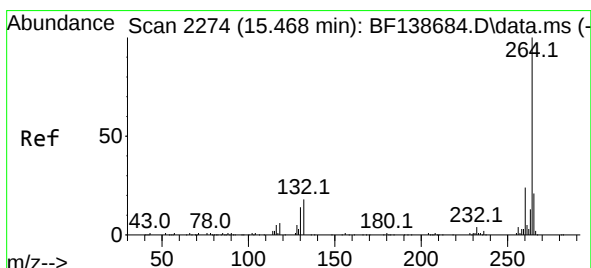
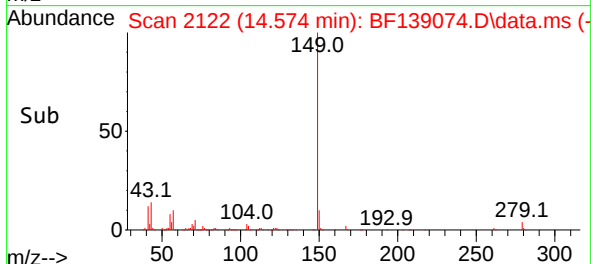
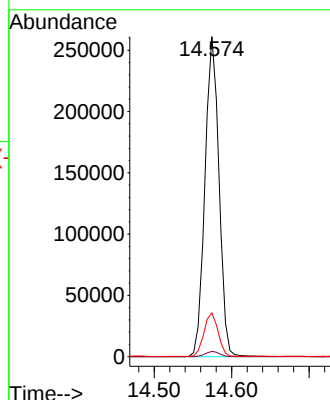
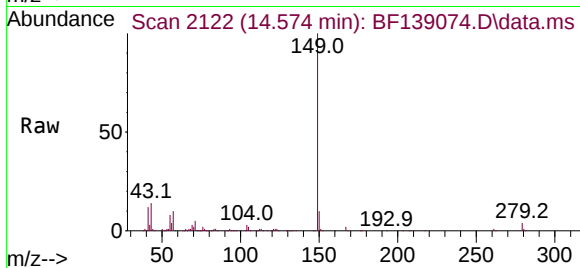
Tgt Ion:149 Resp: 328650

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	13.9	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

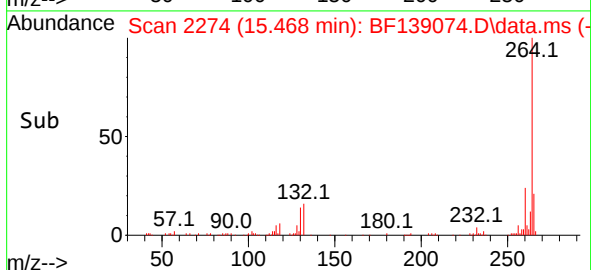
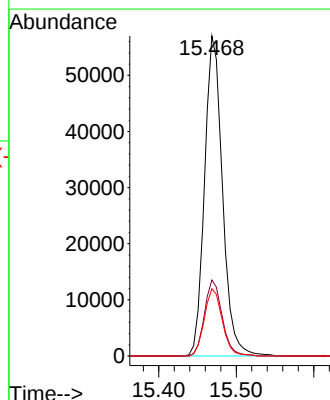
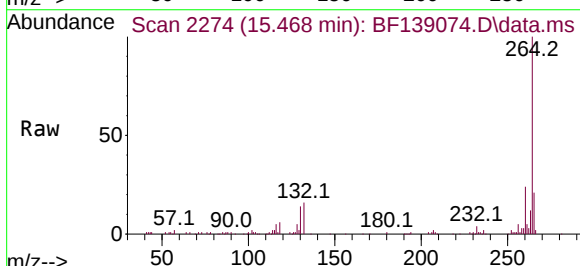
Delta R.T. 0.000 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Tgt Ion:264 Resp: 91613

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.0	17.0	25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.570 ng

RT: 16.957 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

ClientSampleId :

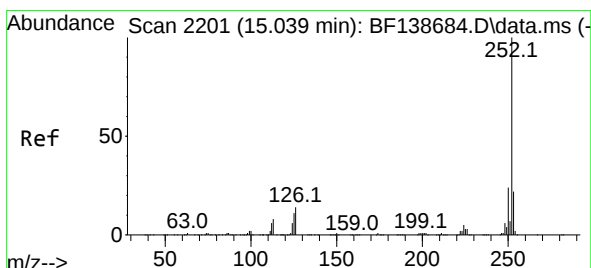
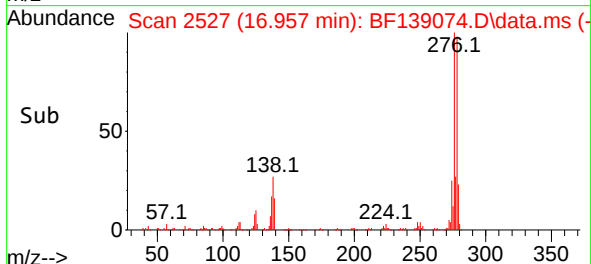
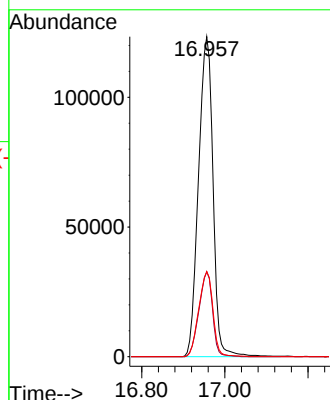
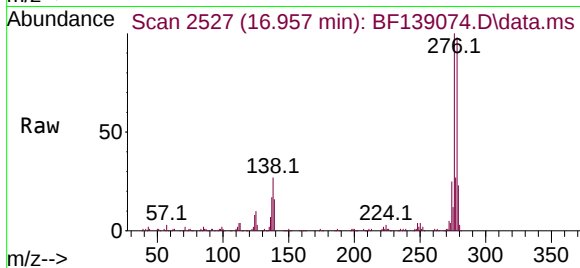
PB162549BS

Tgt Ion:	276	Resp:	299184
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.8	32.8
277	26.0	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#88

Benzo(b)fluoranthene

Concen: 49.124 ng

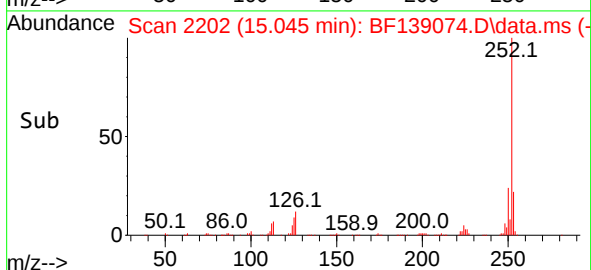
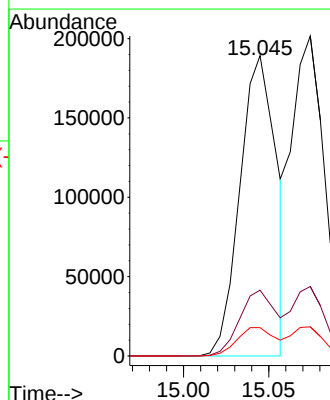
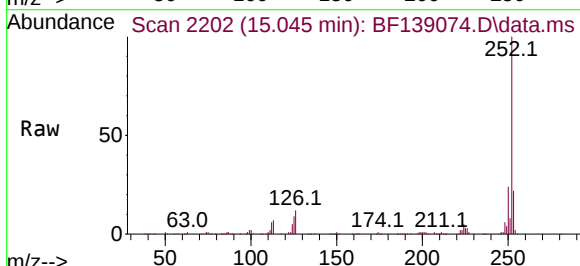
RT: 15.045 min Scan# 2202

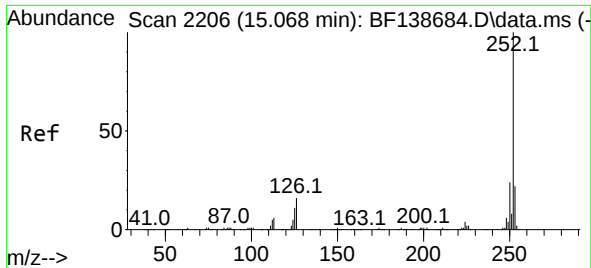
Delta R.T. 0.006 min

Lab File: BF139074.D

Acq: 19 Aug 2024 15:17

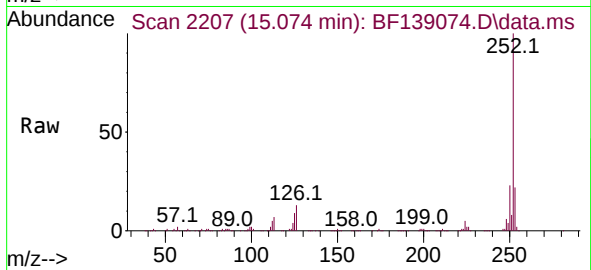
Tgt Ion:	252	Resp:	278982
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	9.4	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 55.378 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

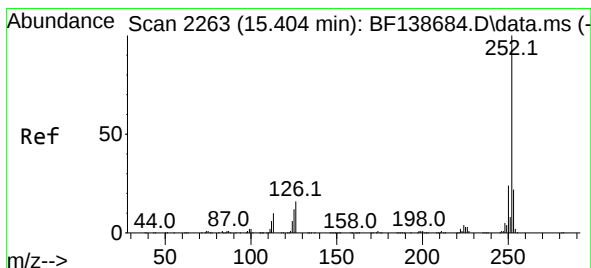
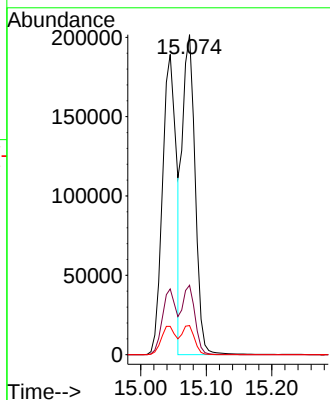
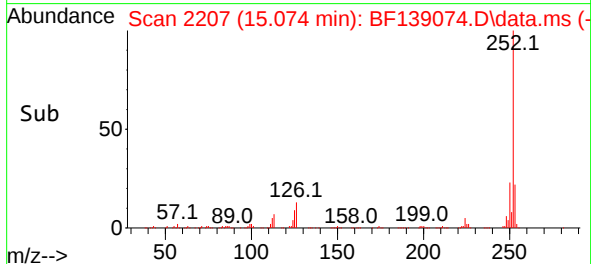
Instrument :
BNA_F
ClientSampleId :
PB162549BS



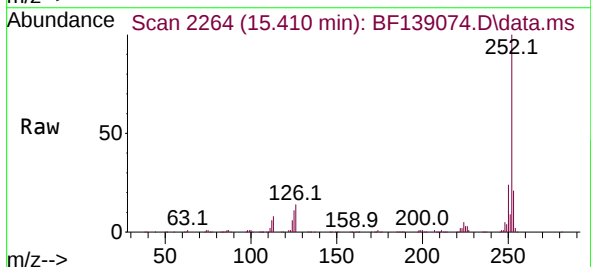
Tgt Ion:252 Resp: 272290
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.1 8.6 13.0

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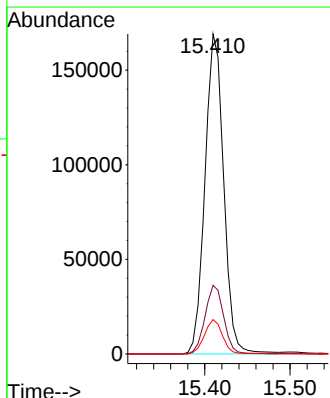
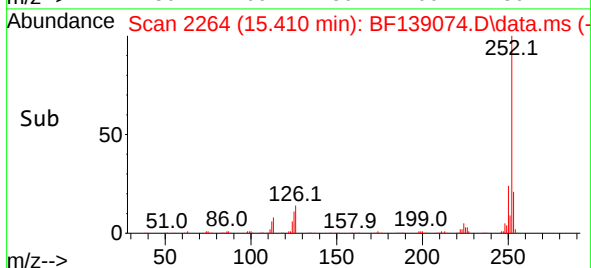
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

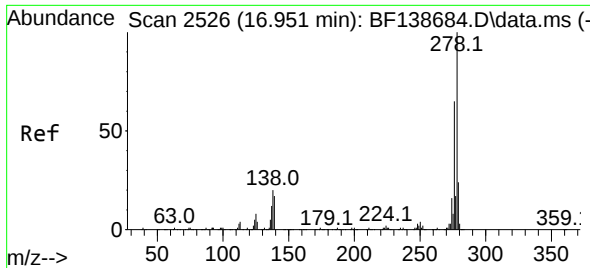


#90
Benzo(a)pyrene
Concen: 54.036 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17



Tgt Ion:252 Resp: 258127
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.218 ng
RT: 16.962 min Scan# 210
Delta R.T. 0.012 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Instrument :

BNA_F

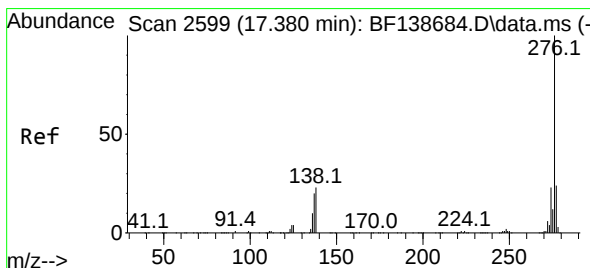
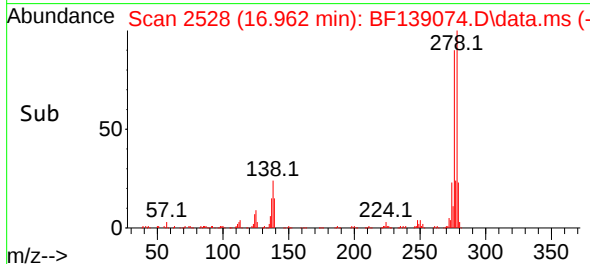
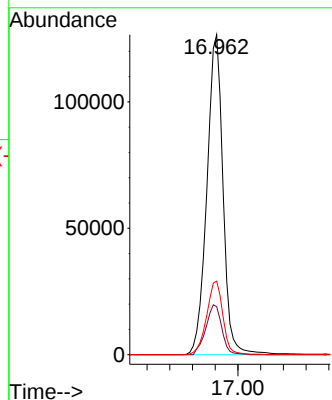
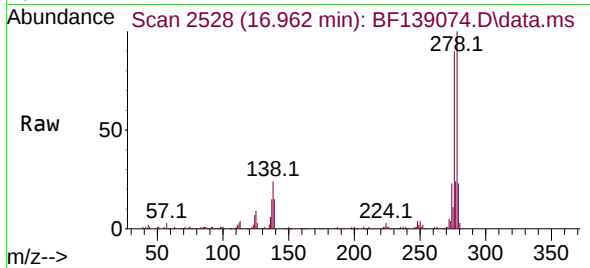
ClientSampleId :

PB162549BS

Tgt Ion:278 Resp: 249080
Ion Ratio Lower Upper
278 100
139 15.0 14.0 21.0
279 23.0 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#92
Benzo(g,h,i)perylene
Concen: 40.832 ng
RT: 17.398 min Scan# 2602
Delta R.T. 0.018 min
Lab File: BF139074.D
Acq: 19 Aug 2024 15:17

Tgt Ion:276 Resp: 228350
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.5 18.5 27.7

