

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140026.D
 Acq On : 25 Oct 2024 09:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 11:34:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100599	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	369482	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	203472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	361854	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185591	20.000	ng	0.00
86) Perylene-d12	15.533	264	185466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	490311	76.301	ng	0.00
7) Phenol-d6	6.510	99	617739	74.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	571602	85.742	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172157	90.456	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1013519	82.323	ng	0.00
79) Terphenyl-d14	12.998	244	985006	86.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	107350	35.830	ng	97
3) Pyridine	3.434	79	273195	36.786	ng	98
4) n-Nitrosodimethylamine	3.387	42	149148	37.380	ng	94
6) Aniline	6.551	93	284943	36.735	ng	99
8) 2-Chlorophenol	6.675	128	253124	38.531	ng	100
9) Benzaldehyde	6.440	77	178867	38.203	ng	100
10) Phenol	6.528	94	324375m	37.804	ng	
11) bis(2-Chloroethyl)ether	6.628	93	245207	36.973	ng	99
12) 1,3-Dichlorobenzene	6.834	146	300713	39.877	ng	99
13) 1,4-Dichlorobenzene	6.910	146	301266	39.987	ng	99
14) 1,2-Dichlorobenzene	7.063	146	278895	39.664	ng	99
15) Benzyl Alcohol	7.028	79	236989	38.818	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	375969	33.247	ng	98
17) 2-Methylphenol	7.134	107	210794	37.630	ng	98
18) Hexachloroethane	7.404	117	109307	40.685	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	179696	35.599	ng	97
20) 3+4-Methylphenols	7.287	107	268499	37.474	ng	96
22) Acetophenone	7.298	105	353424	39.053	ng	100
24) Nitrobenzene	7.475	77	297444	40.695	ng	99
25) Isophorone	7.710	82	478645	37.828	ng	99
26) 2-Nitrophenol	7.786	139	130395	47.289	ng	98
27) 2,4-Dimethylphenol	7.816	122	172240	37.461	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	285457	37.236	ng	100
29) 2,4-Dichlorophenol	8.028	162	209892	40.078	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	240124	41.437	ng	99
31) Naphthalene	8.198	128	761009	39.936	ng	100
32) Benzoic acid	7.922	122	169660	42.307	ng	98
33) 4-Chloroaniline	8.239	127	253113	38.954	ng	99
34) Hexachlorobutadiene	8.310	225	156883	43.088	ng	99
35) Caprolactam	8.610	113	64874	38.959	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	234625	40.460	ng	99
37) 2-Methylnaphthalene	8.886	142	464526	39.804	ng	100
38) 1-Methylnaphthalene	8.986	142	456600	39.878	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	226415	41.246	ng	99
41) Hexachlorocyclopentadiene	9.039	237	84227	44.097	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	155148	39.921	ng	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	169040	42.158	ng	99
46) 1,1'-Biphenyl	9.351	154	568270	40.119	ng	99
47) 2-Chloronaphthalene	9.375	162	460654	40.379	ng	99
48) 2-Nitroaniline	9.469	65	154207	44.196	ng	94
49) Acenaphthylene	9.792	152	661678	40.118	ng	100
50) Dimethylphthalate	9.645	163	498125	39.303	ng	100
51) 2,6-Dinitrotoluene	9.710	165	118030	43.012	ng	98
52) Acenaphthene	9.963	154	440575	41.294	ng	100
53) 3-Nitroaniline	9.875	138	119199	42.122	ng	99
54) 2,4-Dinitrophenol	9.980	184	60588	55.333	ng	# 1
55) Dibenzofuran	10.133	168	616622	40.281	ng	99
56) 4-Nitrophenol	10.028	139	95641	43.929	ng	96
57) 2,4-Dinitrotoluene	10.110	165	156434	46.357	ng	98
58) Fluorene	10.475	166	472456	40.521	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	131621	41.873	ng	98
60) Diethylphthalate	10.345	149	487688	39.191	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	237256	40.295	ng	99
62) 4-Nitroaniline	10.486	138	116053	43.421	ng	94
63) Azobenzene	10.627	77	496602	37.643	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	82621	55.977	ng	97
66) n-Nitrosodiphenylamine	10.586	169	421255	38.896	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	150695	40.425	ng	99
68) Hexachlorobenzene	11.022	284	171877	40.996	ng	99
69) Atrazine	11.110	200	114582	39.057	ng	99
70) Pentachlorophenol	11.216	266	116313	45.712	ng	98
71) Phenanthrene	11.439	178	675090	39.496	ng	100
72) Anthracene	11.492	178	671151	40.244	ng	99
73) Carbazole	11.645	167	613054	39.527	ng	99
74) Di-n-butylphthalate	11.974	149	685274	38.243	ng	100
75) Fluoranthene	12.627	202	698706	40.436	ng	98
77) Benzidine	12.745	184	157775	51.700	ng	99
78) Pyrene	12.857	202	700292	43.107	ng	99
80) Butylbenzylphthalate	13.474	149	209229	42.959	ng	99
81) Benzo(a)anthracene	14.045	228	492668	40.779	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	155460	44.133	ng	99
83) Chrysene	14.080	228	444233	40.104	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	227965	41.719	ng	# 98
85) Di-n-octyl phthalate	14.645	149	357150	35.934	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	499132	41.833	ng	96
88) Benzo(b)fluoranthene	15.098	252	416538	36.869	ng	99
89) Benzo(k)fluoranthene	15.127	252	404189	41.483	ng	99
90) Benzo(a)pyrene	15.468	252	375675	40.412	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	410330	41.225	ng	97
92) Benzo(g,h,i)perylene	17.486	276	427584	43.007	ng	96

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



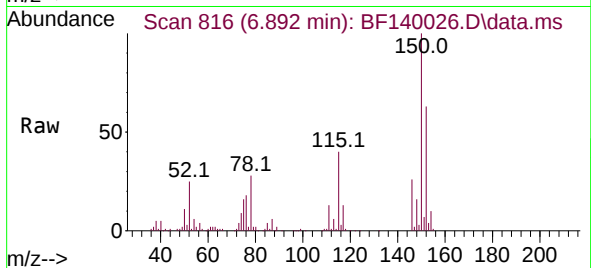
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

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BNA_F

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SSTDCCC040

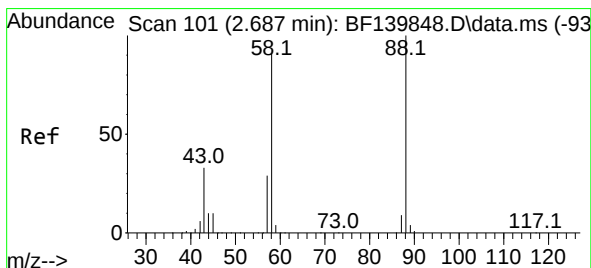
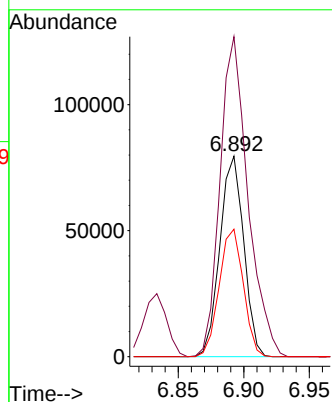
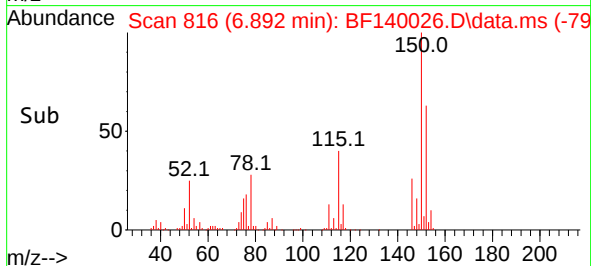


Tgt Ion:152 Resp: 100599
Ion Ratio Lower Upper
152 100
150 159.6 130.2 195.2
115 63.6 51.4 77.2

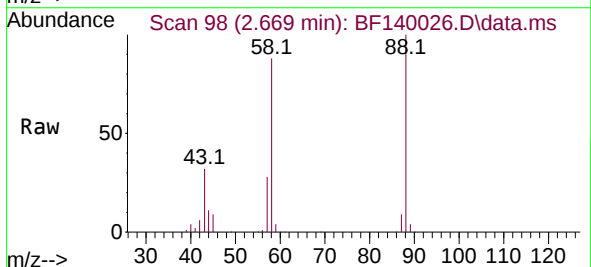
Manual Integrations

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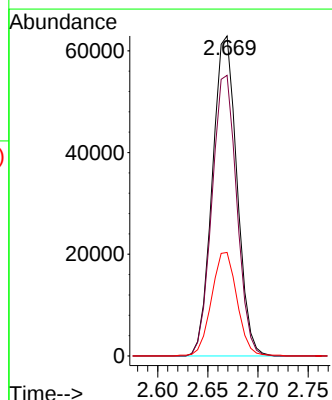
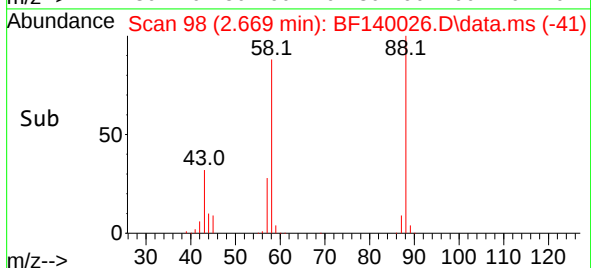
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 35.830 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.018 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion: 88 Resp: 107350
Ion Ratio Lower Upper
88 100
58 88.1 73.3 109.9
43 33.7 27.1 40.7





#3

Pyridine

Concen: 36.786 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 27319

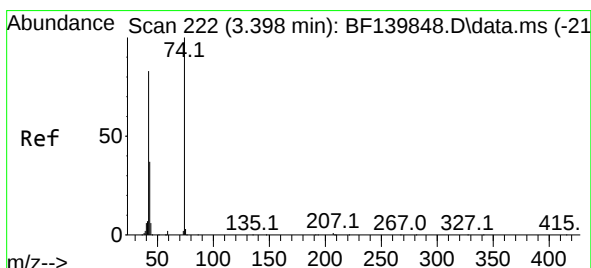
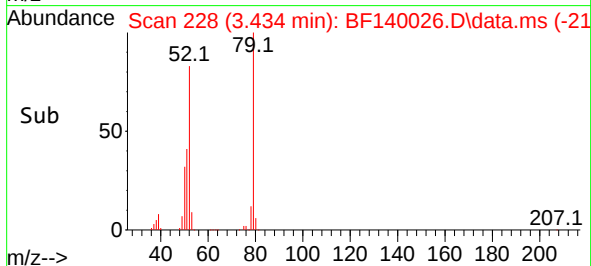
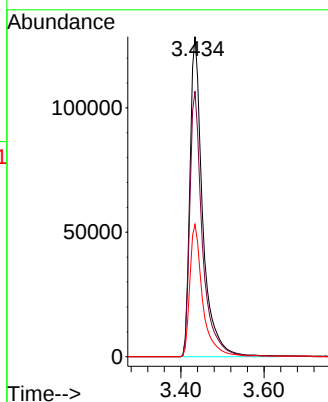
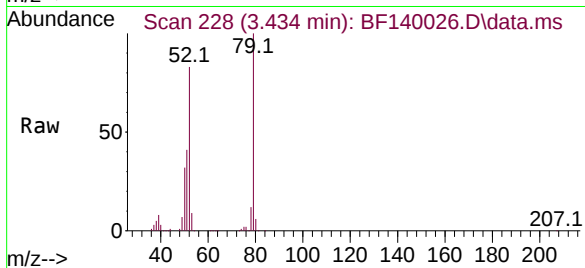
Ion	Ratio	Lower	Upper
79	100		
52	83.0	68.5	102.7
51	41.3	32.3	48.5

Manual Integrations

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Supervised By :mohammad ahmed 10/28/2024



#4

n-Nitrosodimethylamine

Concen: 37.380 ng

RT: 3.387 min Scan# 220

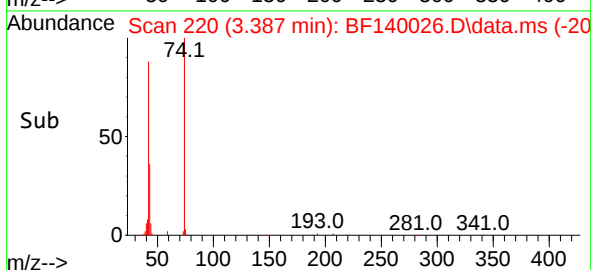
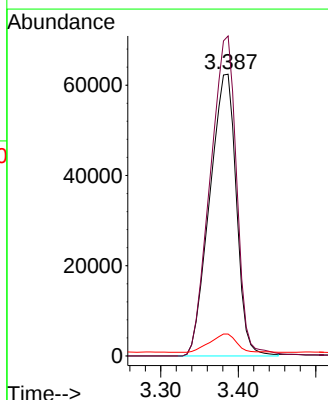
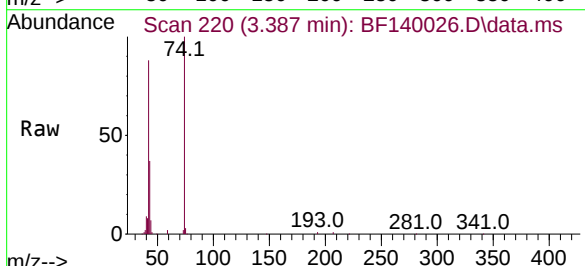
Delta R.T. -0.012 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Tgt Ion: 42 Resp: 149148

Ion	Ratio	Lower	Upper
42	100		
74	113.5	96.2	144.4
44	7.8	6.2	9.2





#5
2-Fluorophenol
Concen: 76.301 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

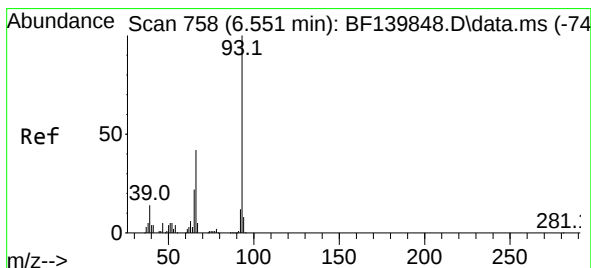
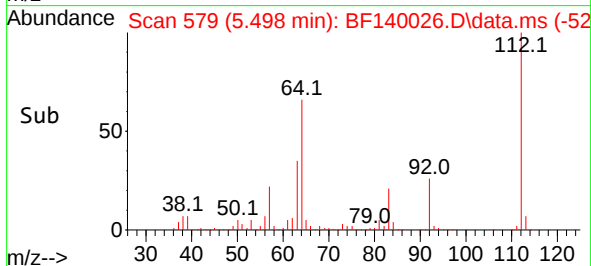
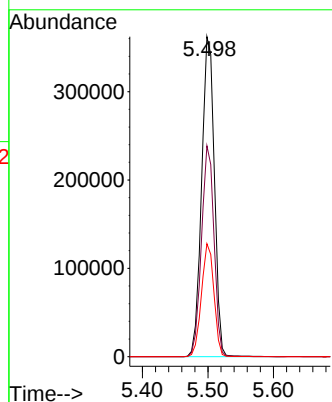
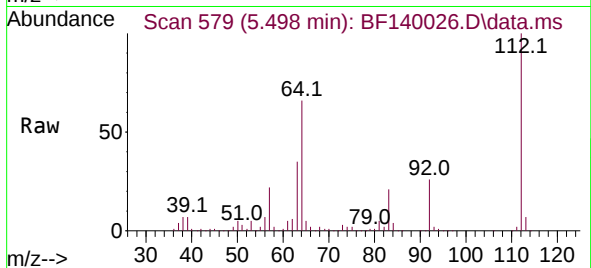
SSTDCCC040

Tgt Ion:112 Resp: 49031
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 35.3 27.0 40.4

Manual Integrations

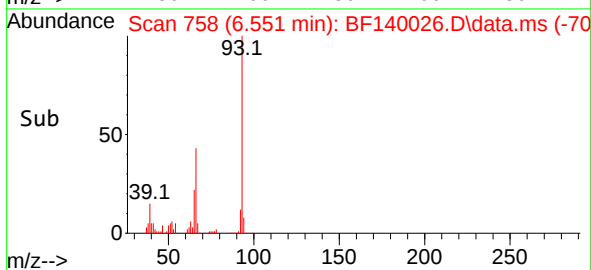
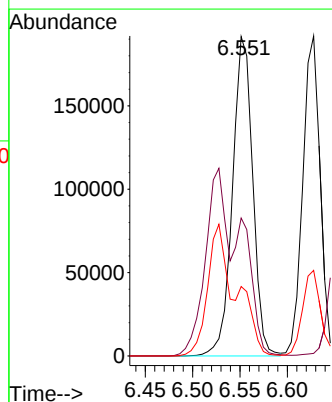
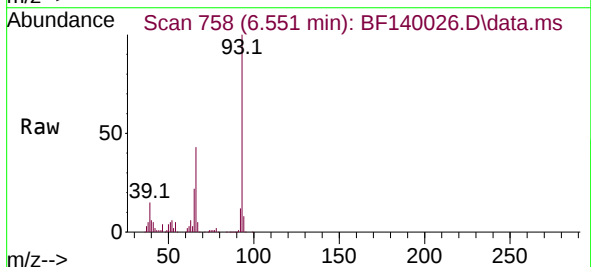
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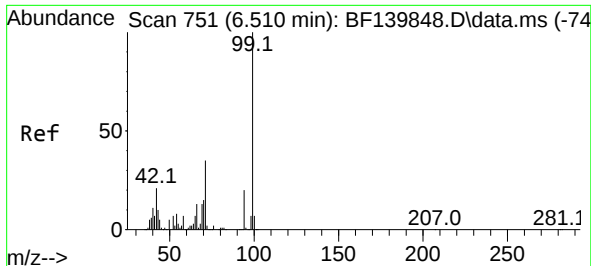
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#6
Aniline
Concen: 36.735 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 93 Resp: 284943
Ion Ratio Lower Upper
93 100
66 43.2 34.0 51.0
65 21.8 17.4 26.0





#7

Phenol-d6

Concen: 74.223 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 617739

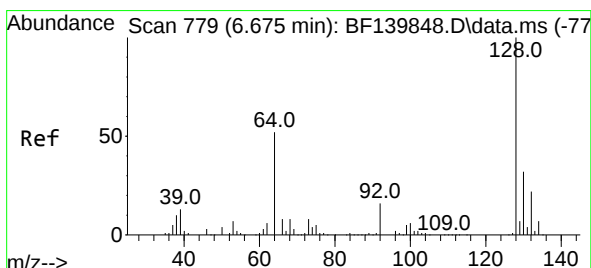
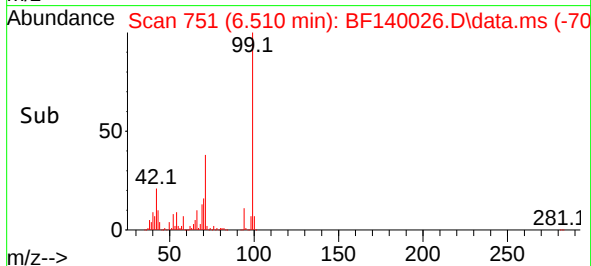
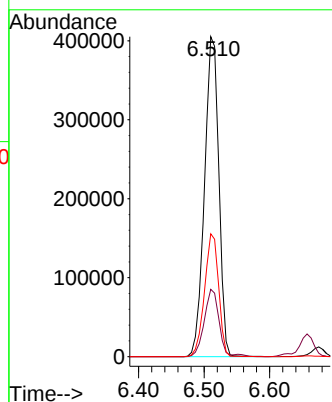
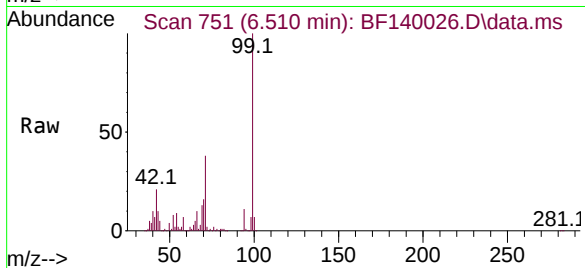
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.7	25.1
71	38.4	27.7	41.5

Manual Integrations

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Supervised By :mohammad ahmed 10/28/2024



#8

2-Chlorophenol

Concen: 38.531 ng

RT: 6.675 min Scan# 779

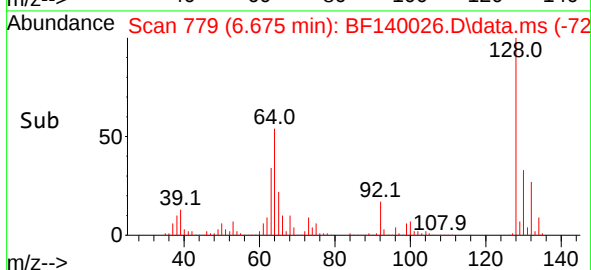
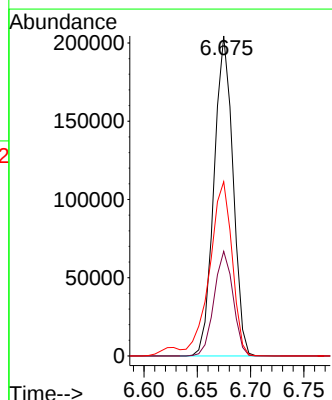
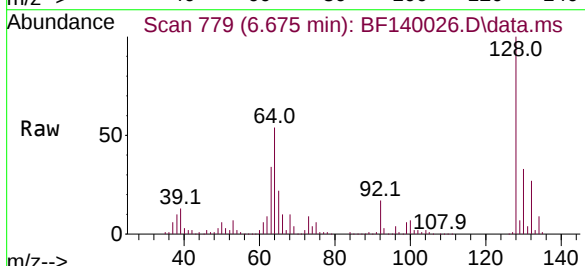
Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Tgt Ion:128 Resp: 253124

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	54.5	34.6	74.6





#9
Benzaldehyde
Concen: 38.203 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

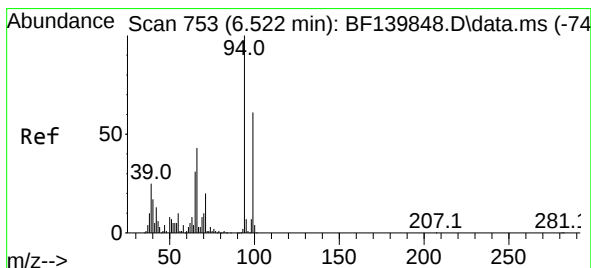
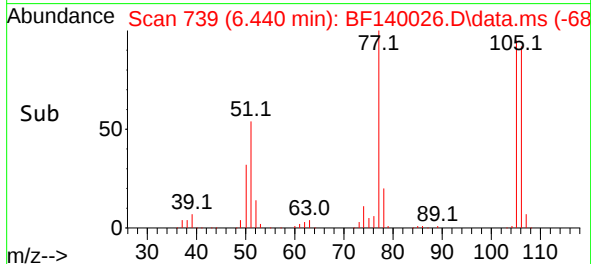
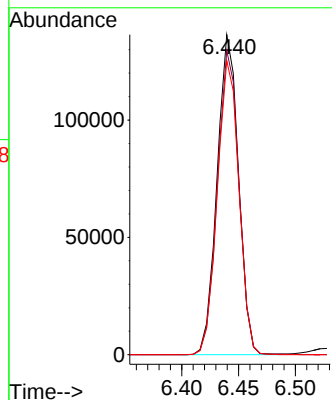
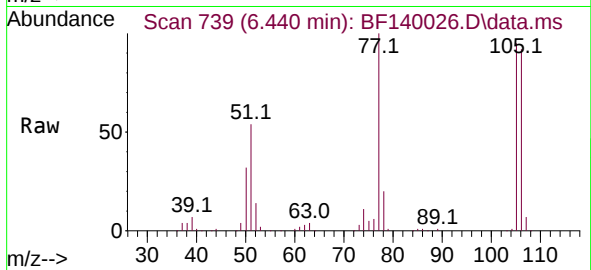
ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 17886
Ion Ratio Lower Upper
77 100
105 95.0 75.5 115.5
106 91.8 71.7 111.7

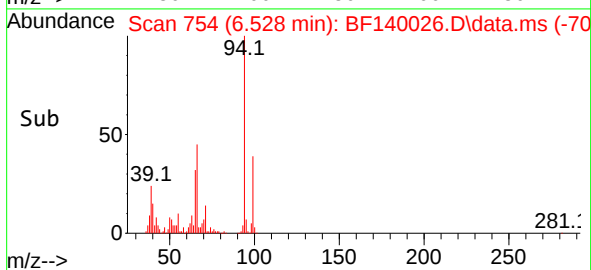
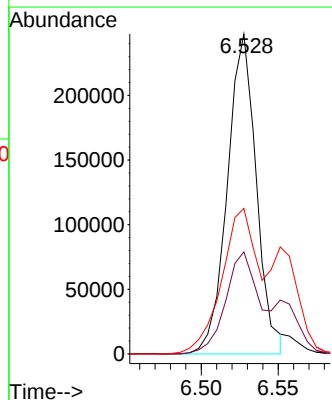
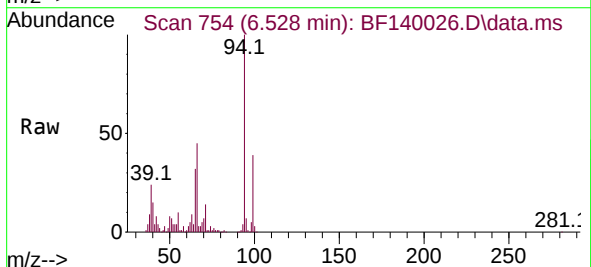
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 37.804 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 94 Resp: 324375
Ion Ratio Lower Upper
94 100
65 31.9 11.1 51.1
66 45.5 22.7 62.7





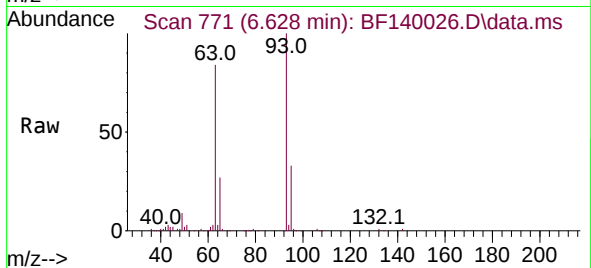
#11
bis(2-Chloroethyl)ether
Concen: 36.973 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140026.D
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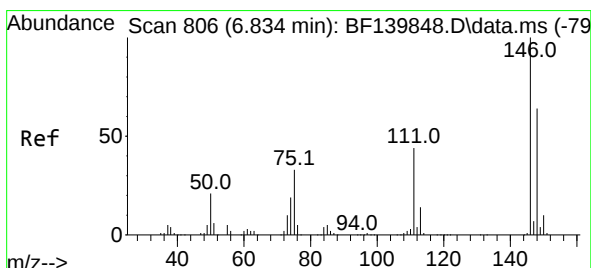
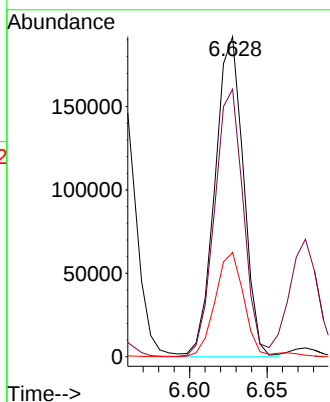
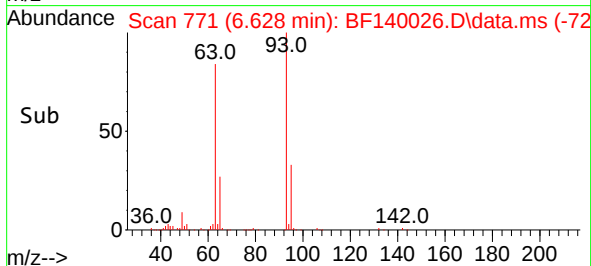
SSTDCCC040



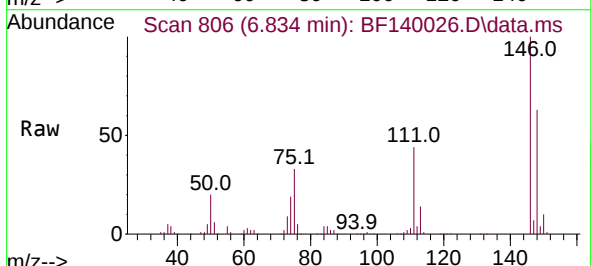
Tgt Ion: 93 Resp: 24520
Ion Ratio Lower Upper
93 100
63 83.6 65.0 105.0
95 32.6 12.4 52.4

Manual Integrations
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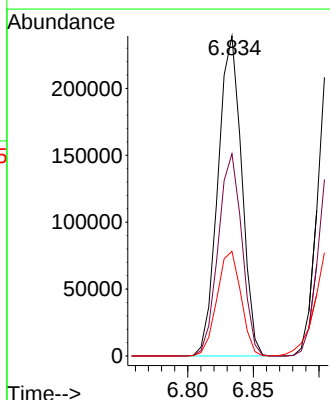
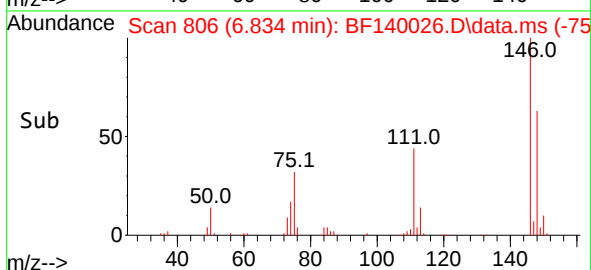
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#12
1,3-Dichlorobenzene
Concen: 39.877 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:146 Resp: 300713
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 32.7 26.4 39.6





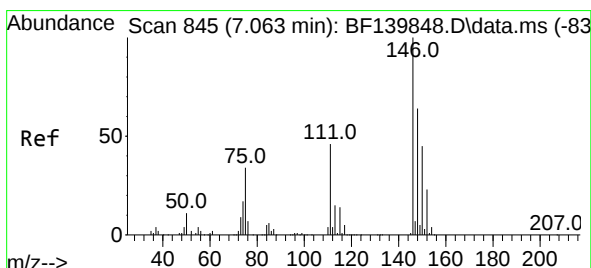
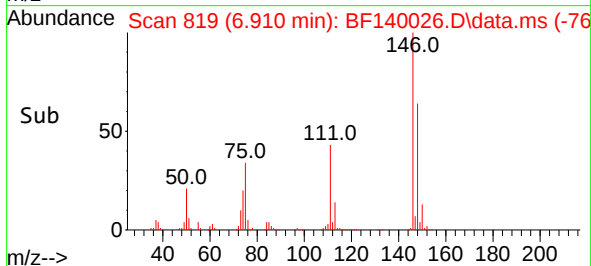
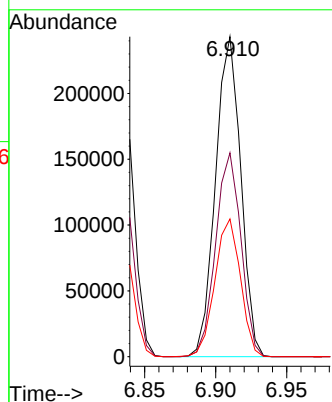
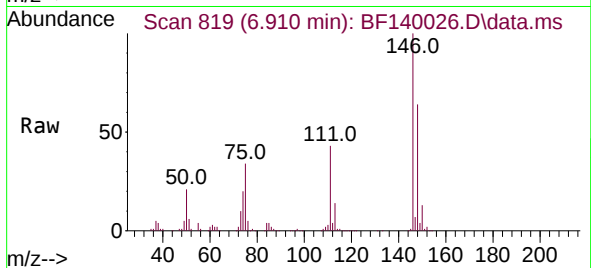
#13
1,4-Dichlorobenzene
Concen: 39.987 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 301260
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
111 43.0 34.6 51.8

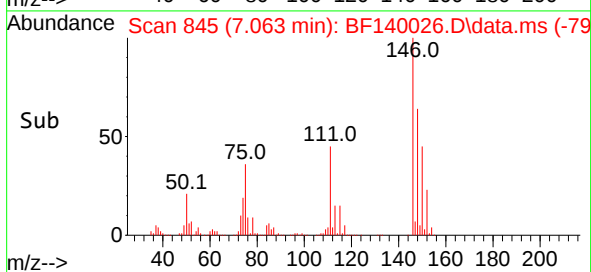
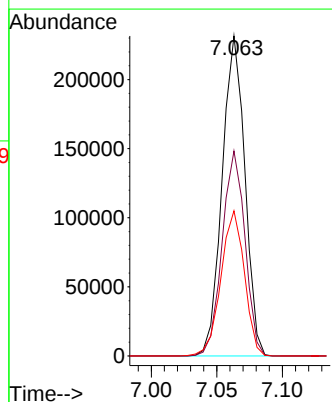
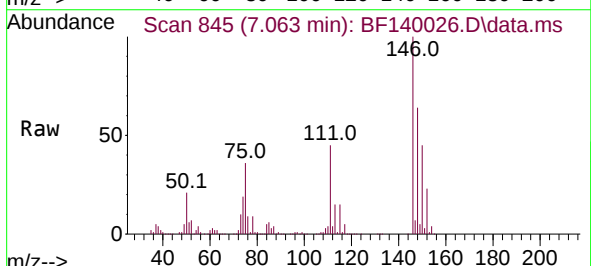
Manual Integrations
APPROVED

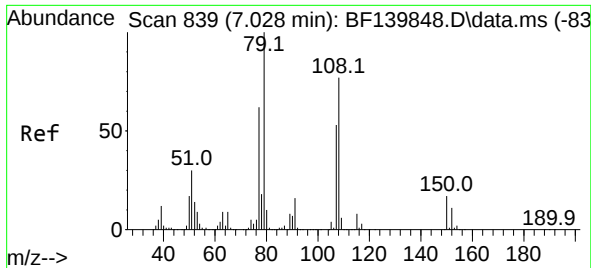
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 39.664 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

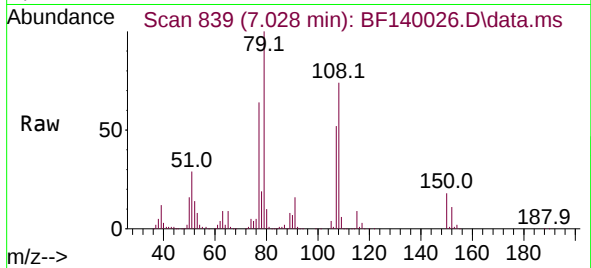
Tgt Ion:146 Resp: 278895
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 45.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 38.818 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

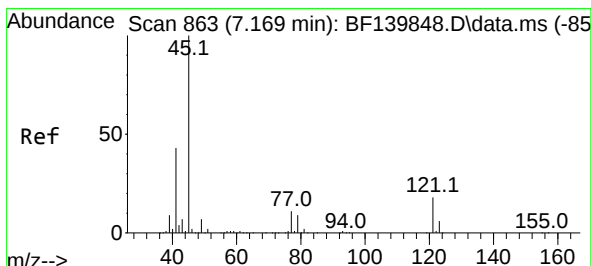
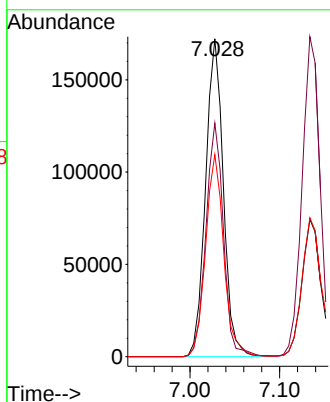
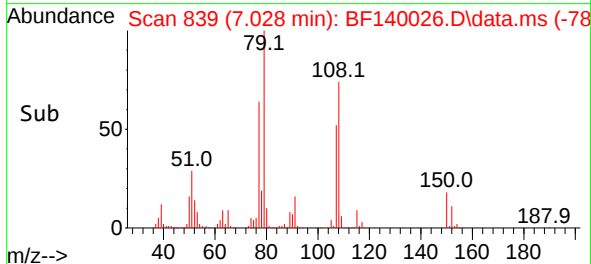
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



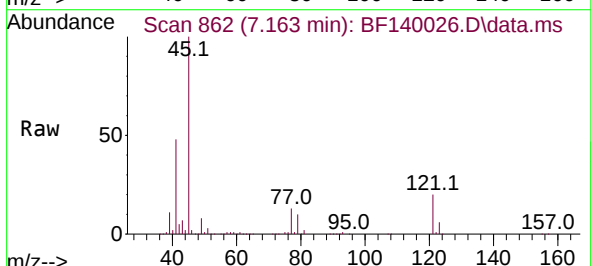
Tgt Ion: 79 Resp: 236989
Ion Ratio Lower Upper
79 100
108 73.5 61.4 92.0
77 63.6 49.9 74.9

Manual Integrations
APPROVED

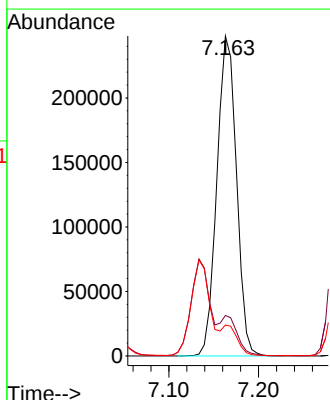
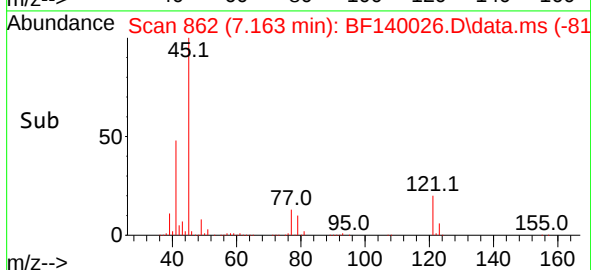
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.247 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion: 45 Resp: 375969
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.6 0.0 29.1





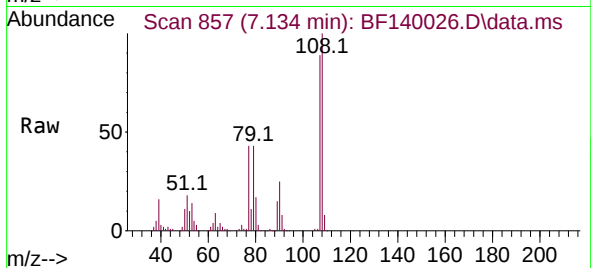
#17
2-Methylphenol
Concen: 37.630 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



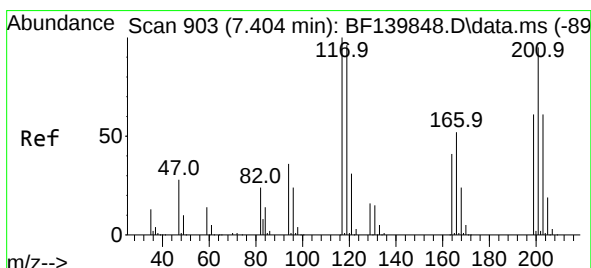
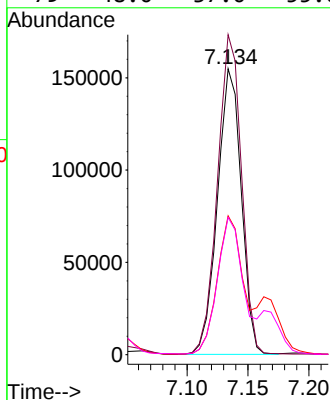
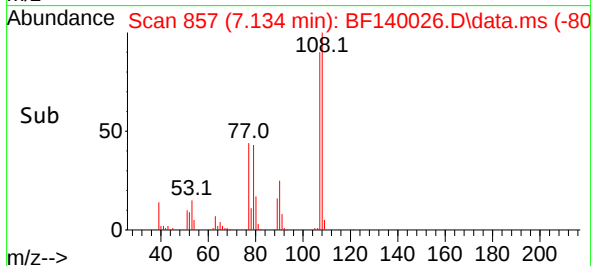
Tgt Ion:107 Resp: 210794
Ion Ratio Lower Upper
107 100
108 111.9 91.3 136.9
77 48.6 37.1 55.7
79 48.0 37.0 55.6

Manual Integrations

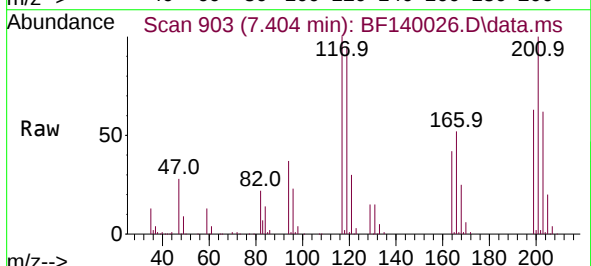
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

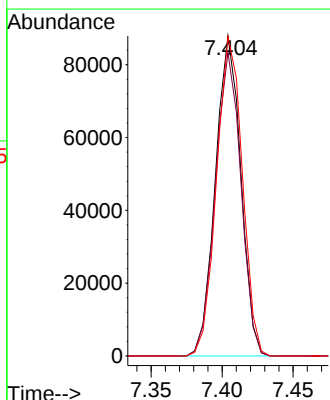
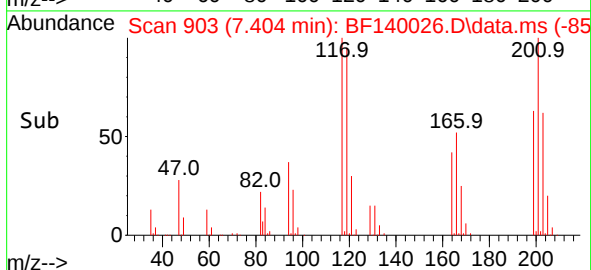
Supervised By :mohammad ahmed 10/28/2024

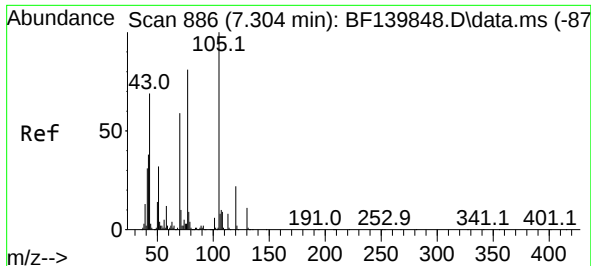


#18
Hexachloroethane
Concen: 40.685 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:117 Resp: 109307
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
201 99.8 76.2 114.4





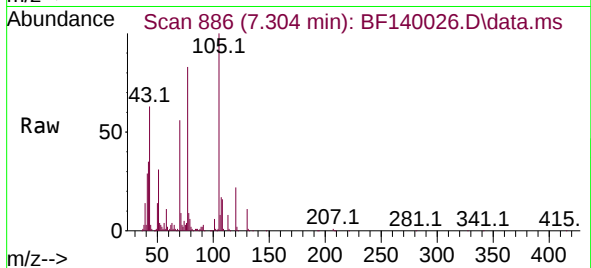
#19
n-Nitroso-di-n-propylamine
Concen: 35.599 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



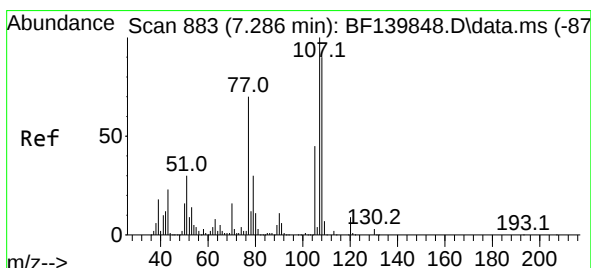
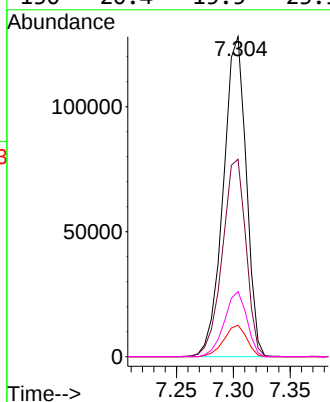
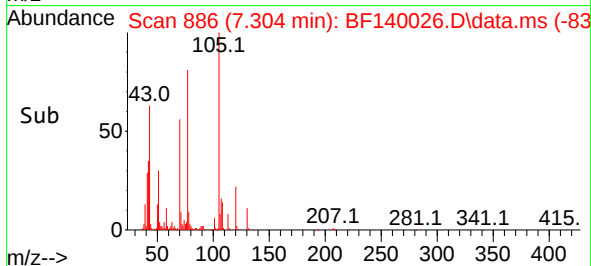
Tgt Ion: 70 Resp: 179690
Ion Ratio Lower Upper
70 100
42 61.7 51.5 77.3
101 9.9 7.5 11.3
130 20.4 15.5 23.3

Manual Integrations

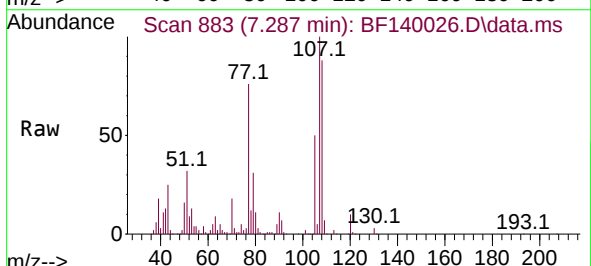
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

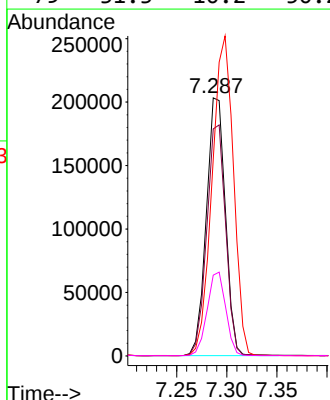
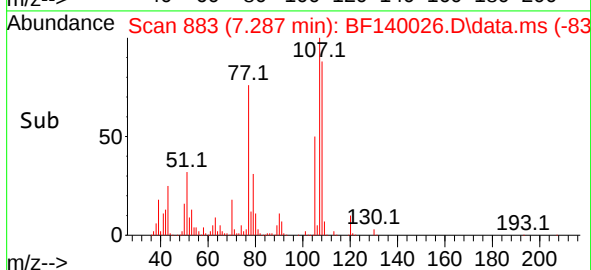
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 37.474 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:107 Resp: 268499
Ion Ratio Lower Upper
107 100
108 88.0 69.8 109.8
77 76.2 50.5 90.5
79 31.3 10.2 50.2





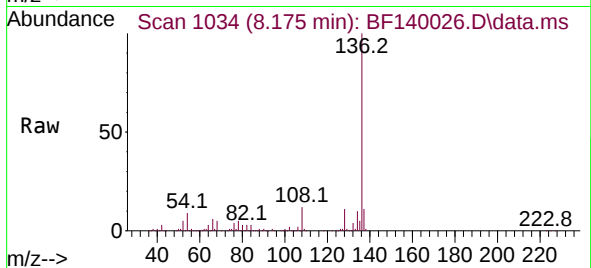
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



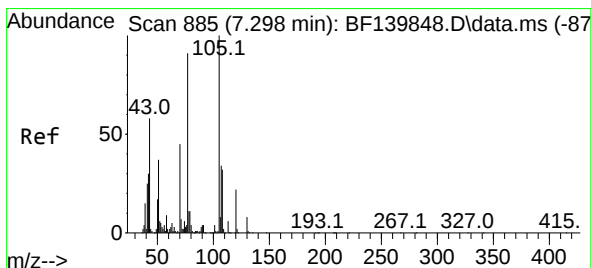
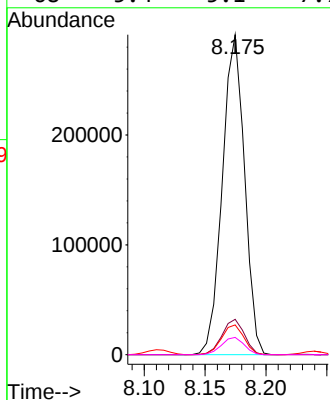
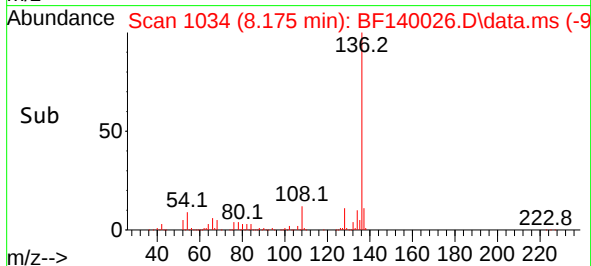
Tgt Ion:136 Resp: 36948
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.3 8.4 12.6
68 5.4 5.1 7.7

Manual Integrations

APPROVED

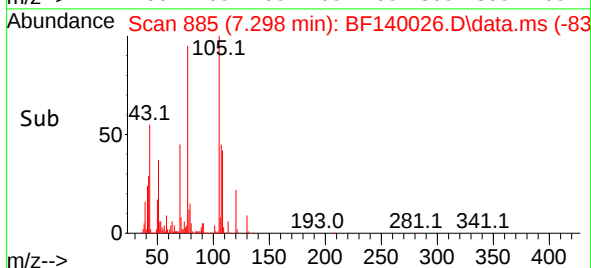
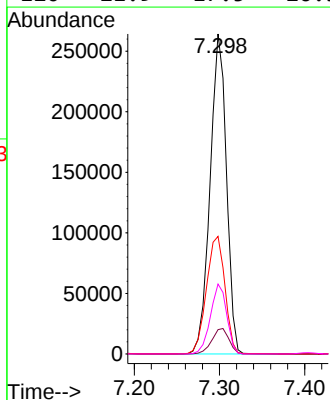
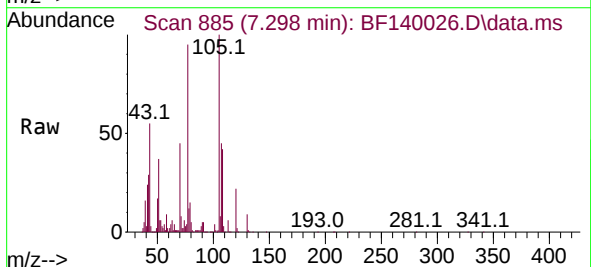
Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 39.053 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:105 Resp: 353424
Ion Ratio Lower Upper
105 100
71 7.6 5.9 8.9
51 36.8 29.4 44.2
120 21.9 17.5 26.3





#23

Nitrobenzene-d5

Concen: 85.742 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

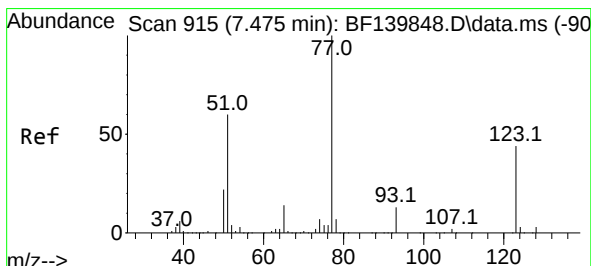
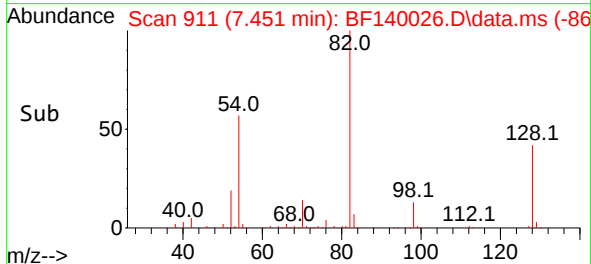
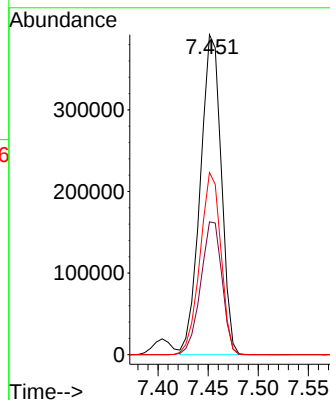
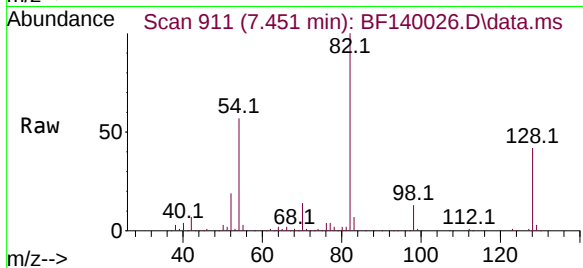
SSTDCCC040

Tgt Ion: 82 Resp: 571602
 Ion Ratio Lower Upper
 82 100
 128 41.5 33.4 50.0
 54 56.9 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024



#24

Nitrobenzene

Concen: 40.695 ng

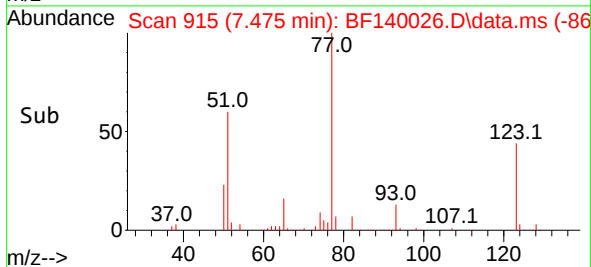
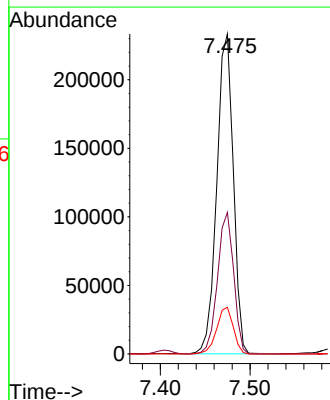
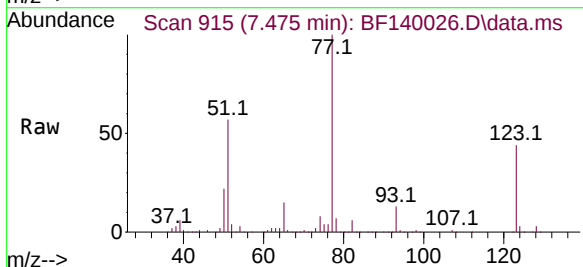
RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Tgt Ion: 77 Resp: 297444
 Ion Ratio Lower Upper
 77 100
 123 44.3 35.7 53.5
 65 14.6 11.5 17.3





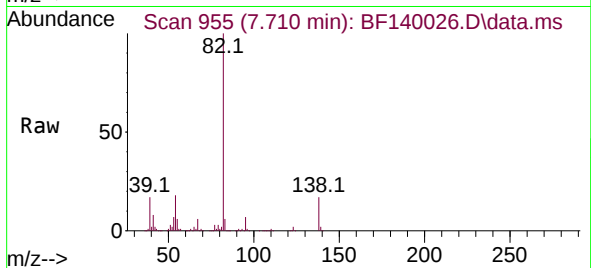
#25
Isophorone
Concen: 37.828 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



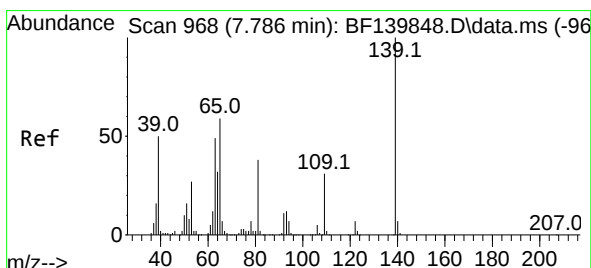
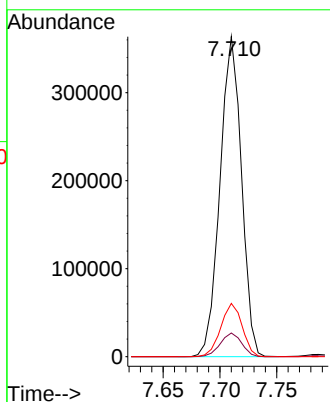
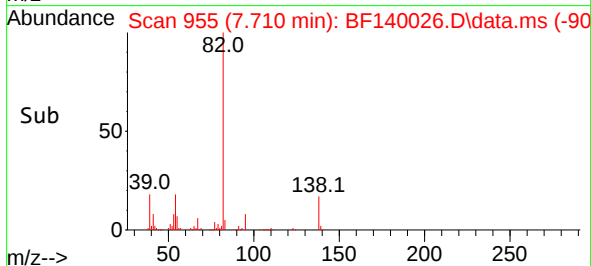
Tgt Ion: 82 Resp: 47864
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 16.6 13.2 19.8

Manual Integrations

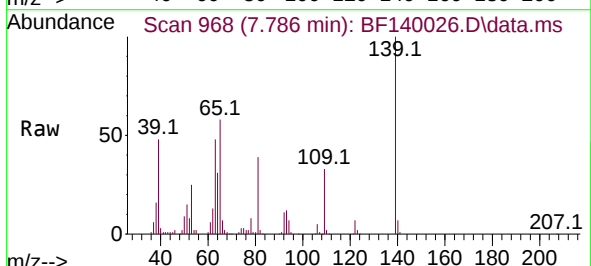
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

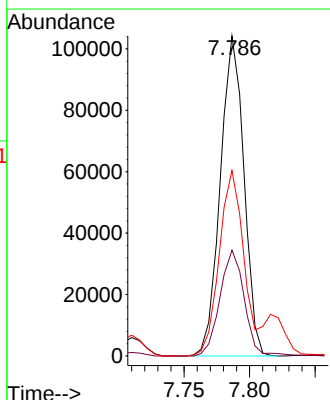
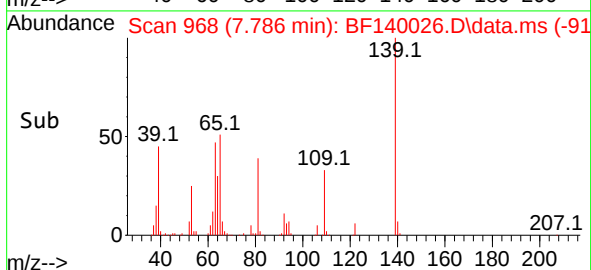
Supervised By :mohammad ahmed 10/28/2024

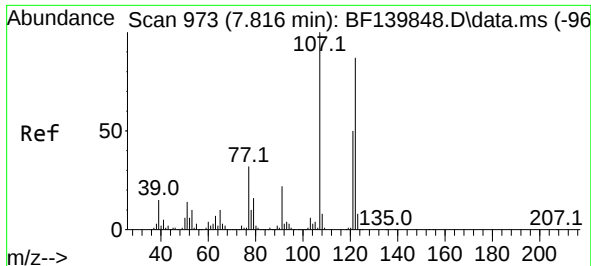


#26
2-Nitrophenol
Concen: 47.289 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:139 Resp: 130395
Ion Ratio Lower Upper
139 100
109 33.1 25.1 37.7
65 57.9 47.5 71.3





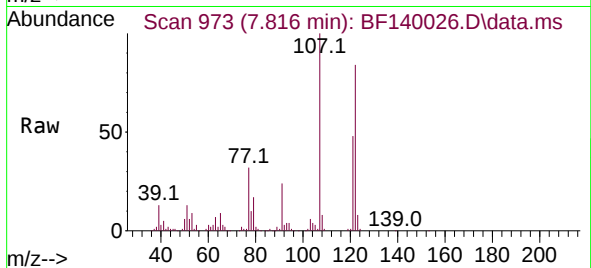
#27
2,4-Dimethylphenol
Concen: 37.461 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



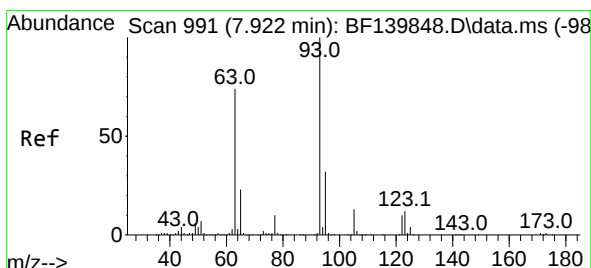
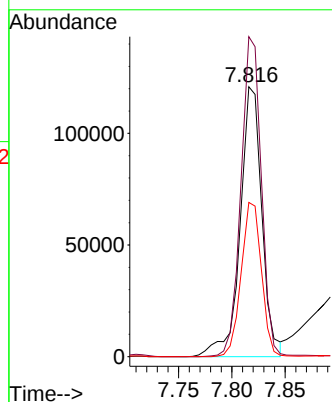
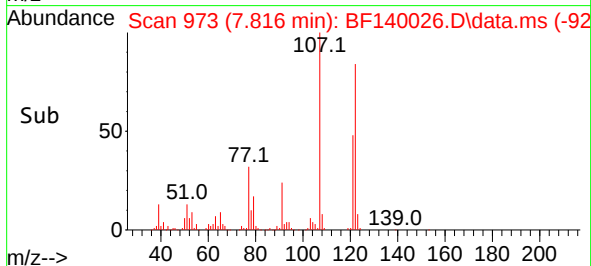
Tgt Ion:122 Resp: 172240
Ion Ratio Lower Upper
122 100
107 118.5 91.9 137.9
121 57.1 46.2 69.4

Manual Integrations

APPROVED

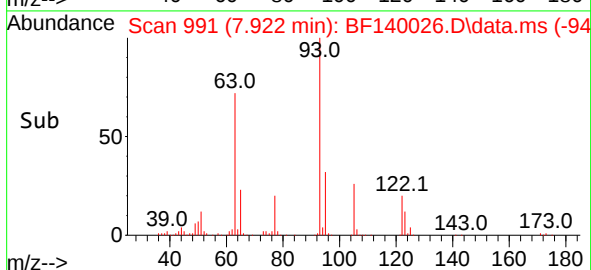
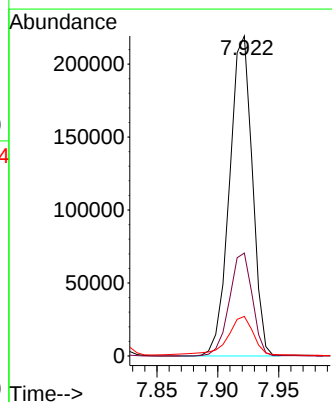
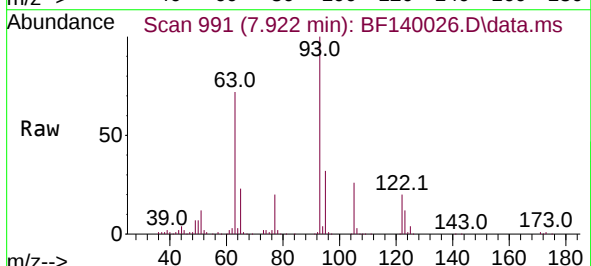
Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.236 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion: 93 Resp: 285457
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 40.078 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

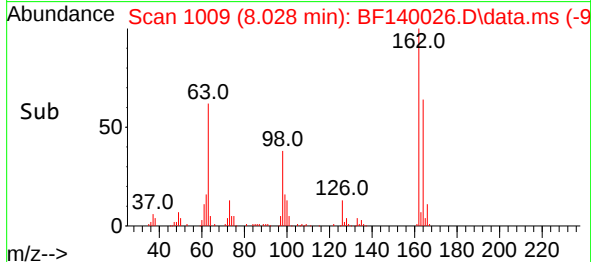
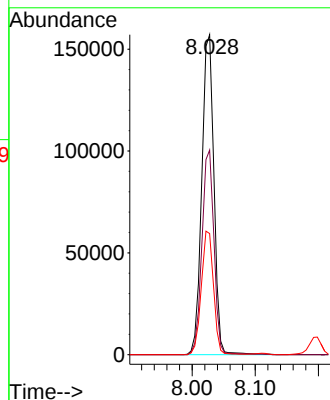
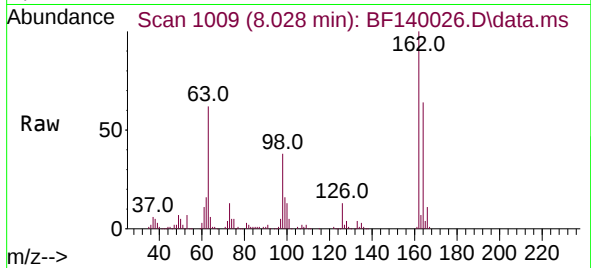
Tgt Ion:162	Resp: 20989
Ion Ratio	Lower Upper
162 100	
164 64.0	43.9 83.9
98 37.8	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.437 ng

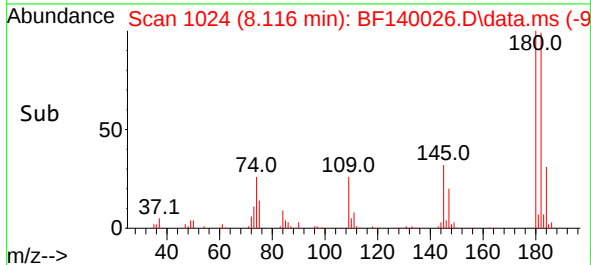
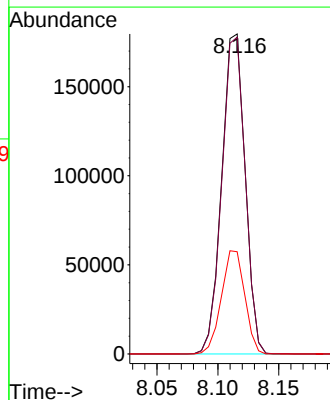
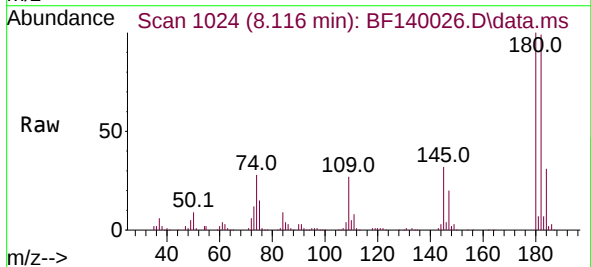
RT: 8.116 min Scan# 1024

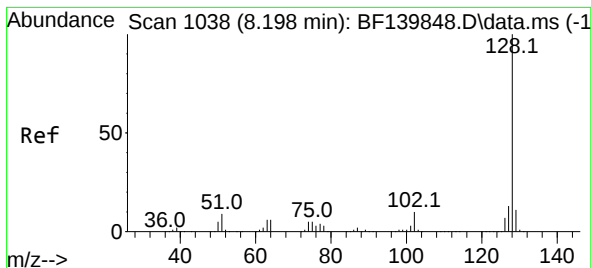
Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Tgt Ion:180	Resp: 240124
Ion Ratio	Lower Upper
180 100	
182 99.0	80.5 120.7
145 31.9	25.4 38.0





#31

Naphthalene

Concen: 39.936 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 761009

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

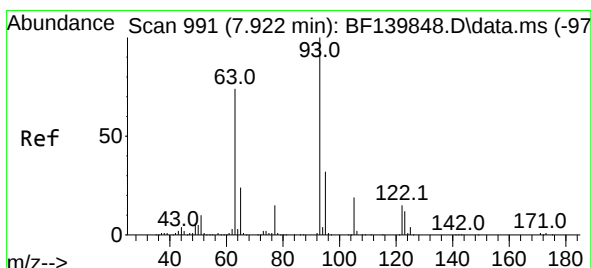
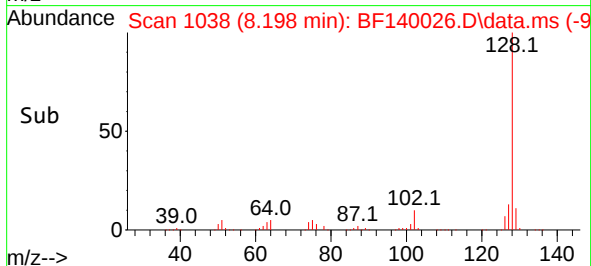
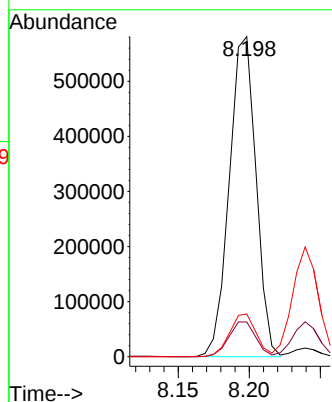
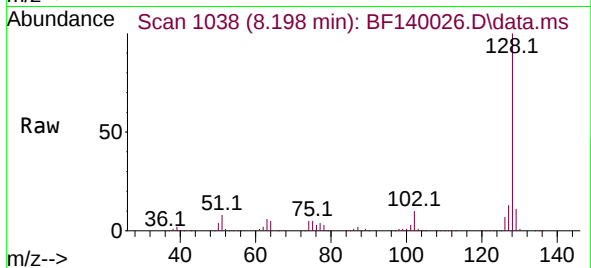
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#32

Benzoic acid

Concen: 42.307 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

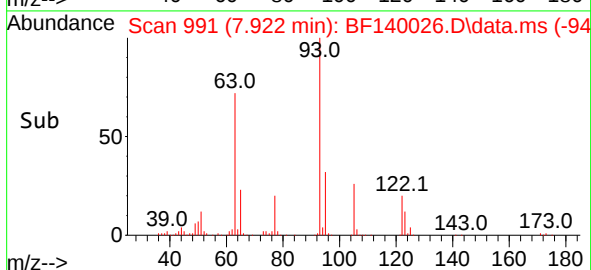
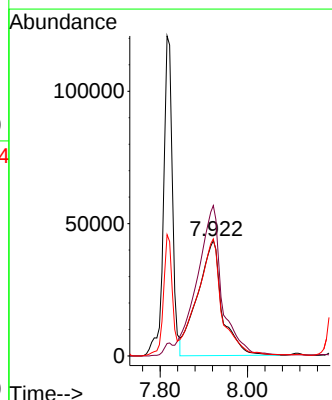
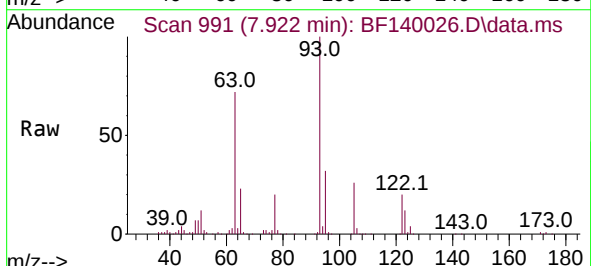
Tgt Ion:122 Resp: 169660

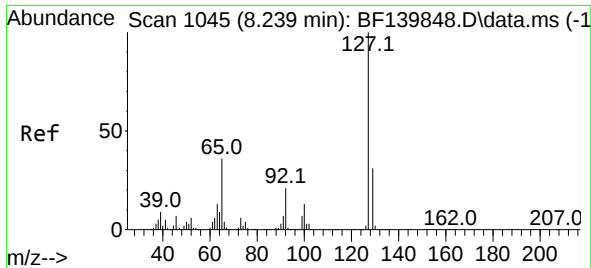
Ion Ratio Lower Upper

122 100

105 130.3 107.6 147.6

77 101.5 80.2 120.2





#33
4-Chloroaniline
Concen: 38.954 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

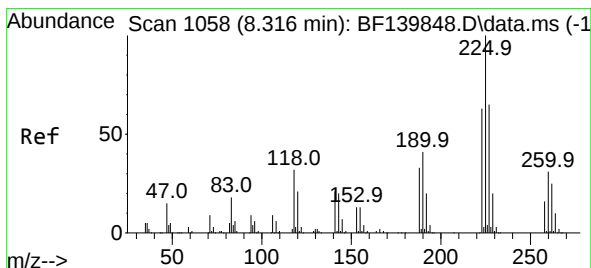
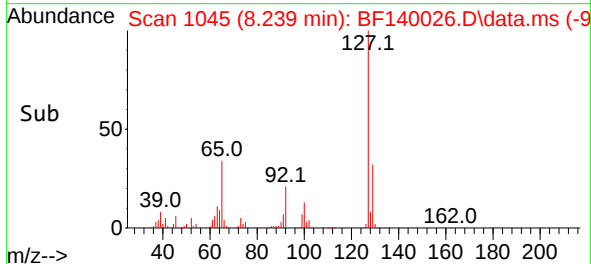
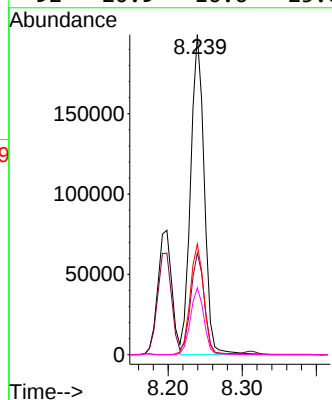
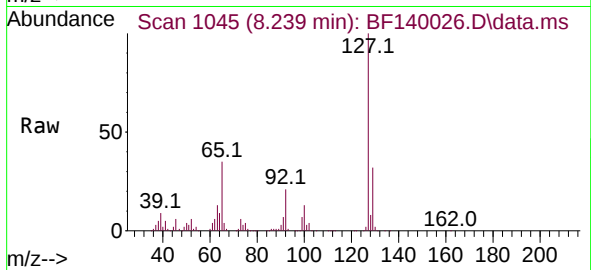
SSTDCCC040

Tgt Ion:127 Resp: 25311
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 34.6 28.4 42.6
92 20.9 16.6 25.0

Manual Integrations

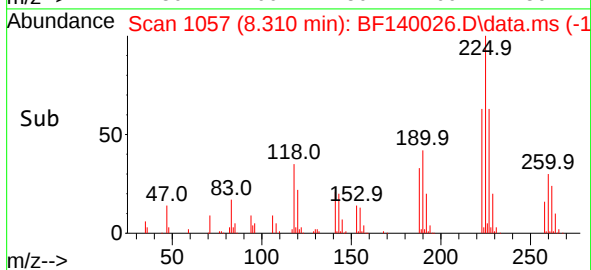
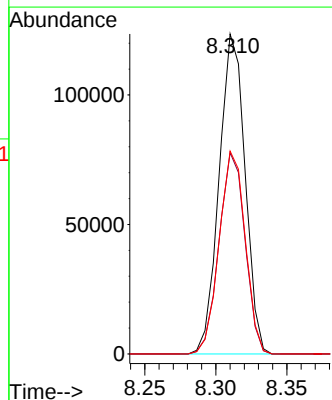
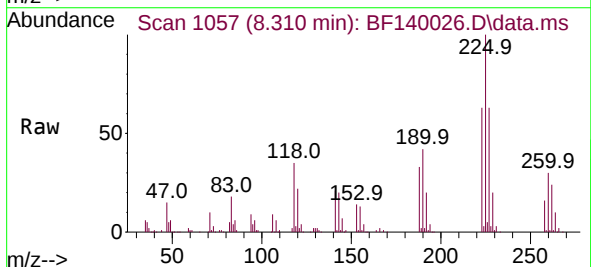
APPROVED

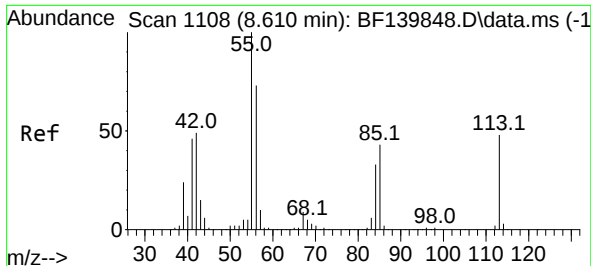
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 43.088 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:225 Resp: 156883
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 63.4 51.8 77.8





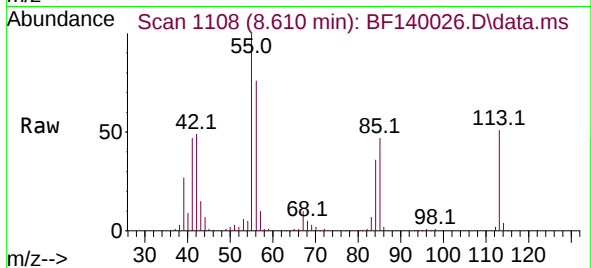
#35
Caprolactam
Concen: 38.959 ng
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



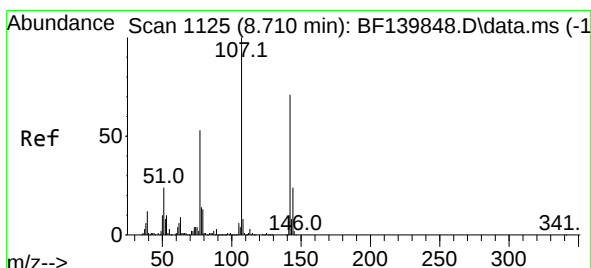
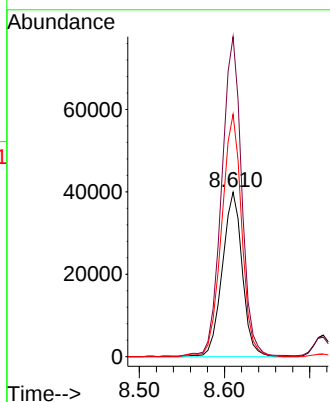
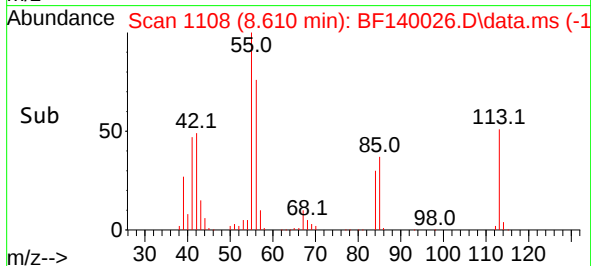
Tgt Ion:113 Resp: 64874
Ion Ratio Lower Upper
113 100
55 194.6 189.2 229.2
56 147.4 132.5 172.5

Manual Integrations

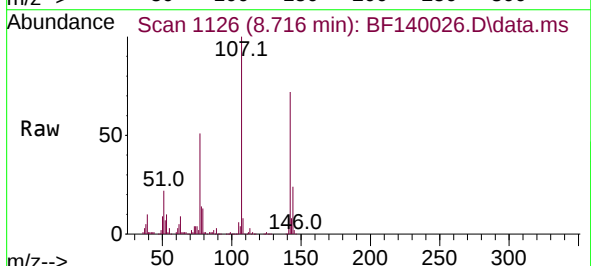
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

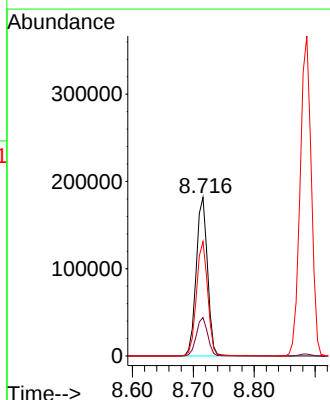
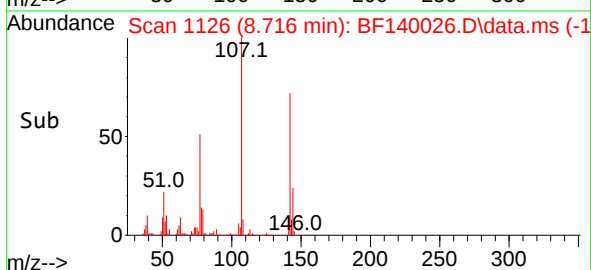
Supervised By :mohammad ahmed 10/28/2024

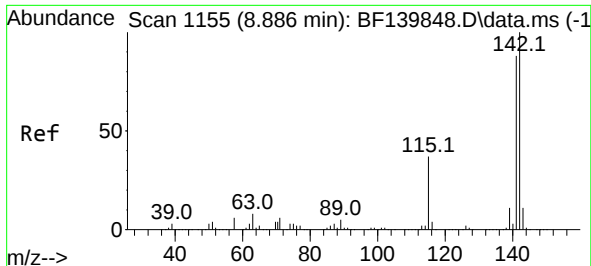


#36
4-Chloro-3-methylphenol
Concen: 40.460 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:107 Resp: 234625
Ion Ratio Lower Upper
107 100
144 24.3 19.1 28.7
142 72.1 57.2 85.8





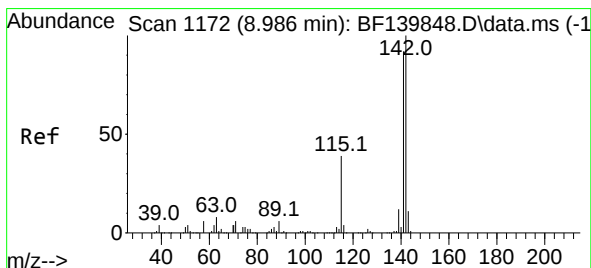
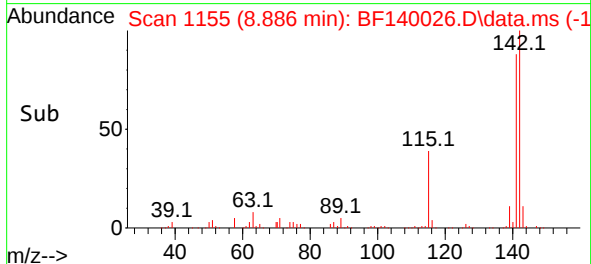
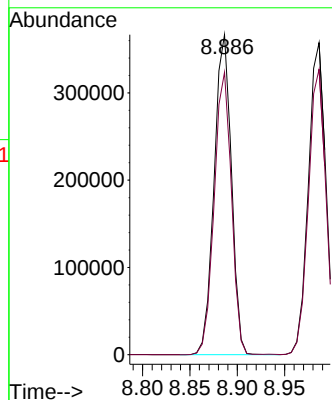
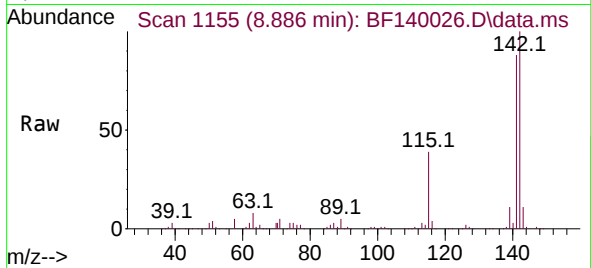
#37
2-Methylnaphthalene
Concen: 39.804 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 464520
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

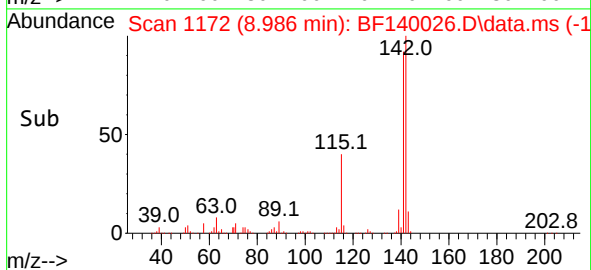
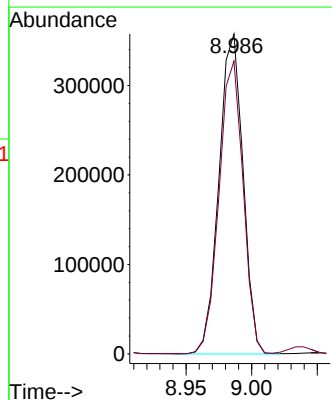
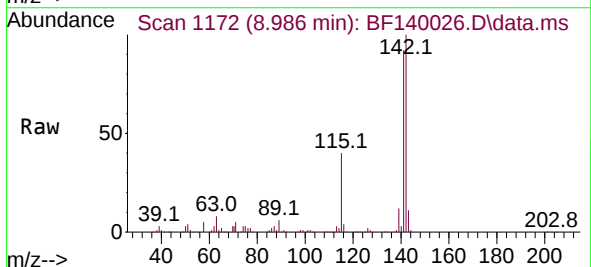
Manual Integrations
APPROVED

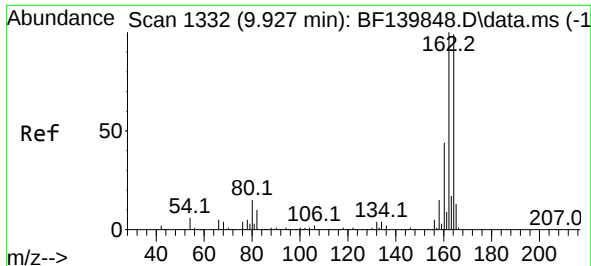
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#38
1-Methylnaphthalene
Concen: 39.878 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:142 Resp: 456600
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3





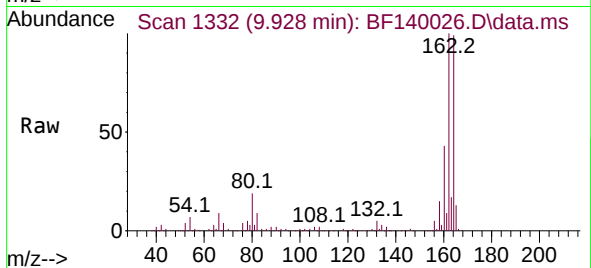
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



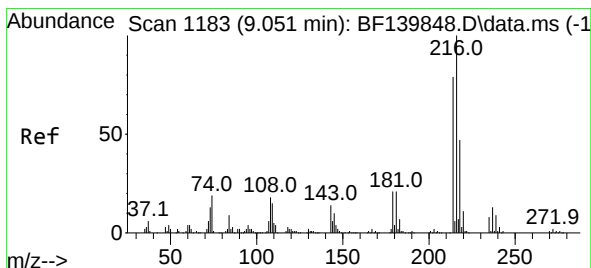
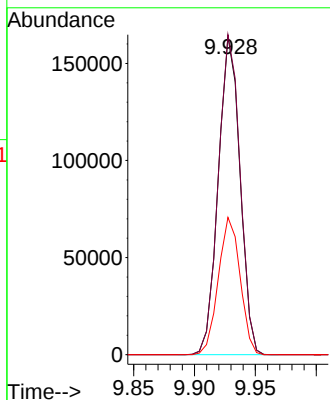
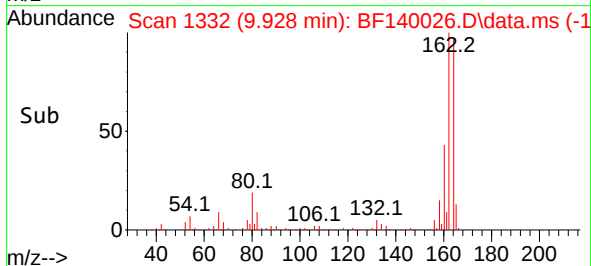
Tgt Ion:164 Resp: 203472
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 43.2 35.4 53.0

Manual Integrations

APPROVED

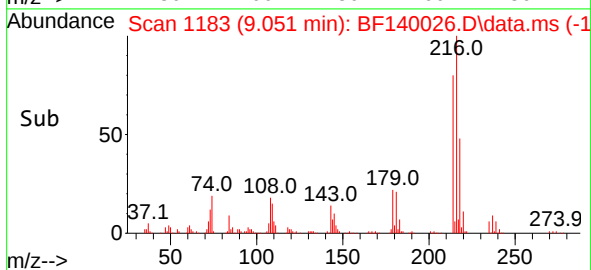
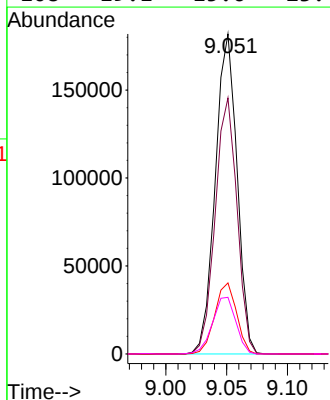
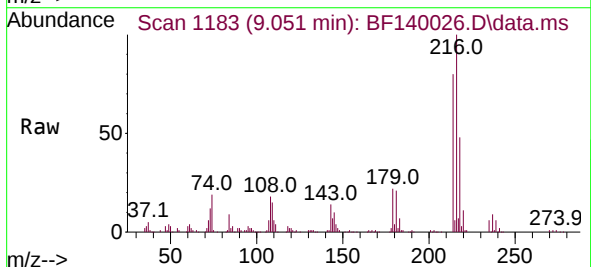
Reviewed By :Yogesh Patel 10/28/2024

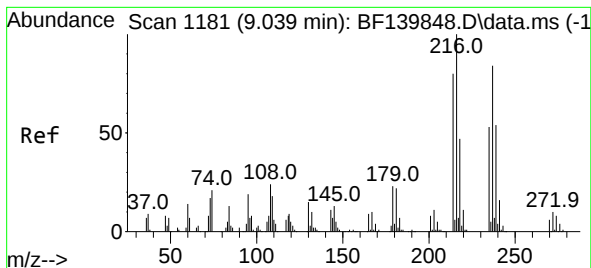
Supervised By :mohammad ahmed 10/28/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.246 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:216 Resp: 226415
Ion Ratio Lower Upper
216 100
214 80.1 63.4 95.0
179 22.3 17.2 25.8
108 19.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 44.097 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

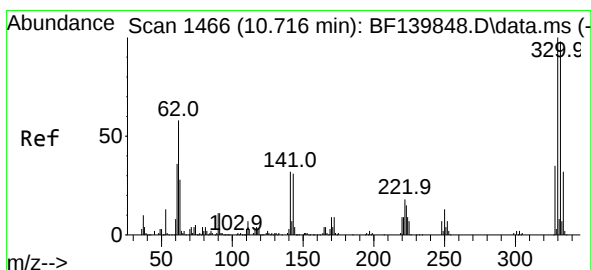
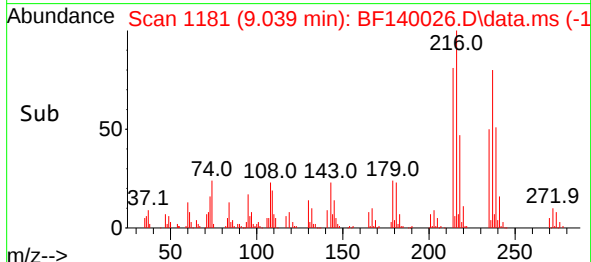
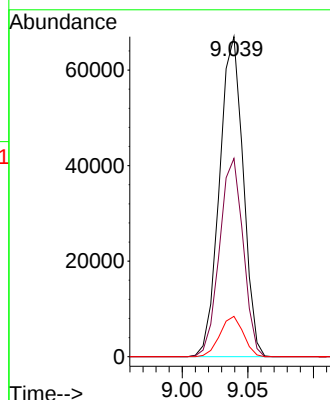
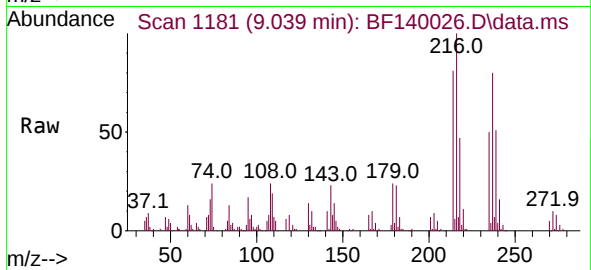
Tgt Ion:	237	Resp:	8422
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.9	82.9
272	12.6	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#42

2,4,6-Tribromophenol

Concen: 90.456 ng

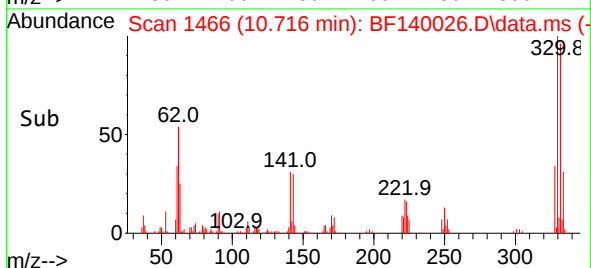
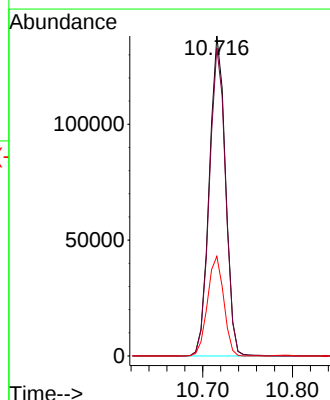
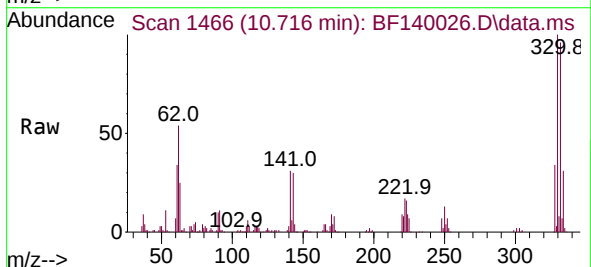
RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Tgt Ion:	330	Resp:	172157
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.1	117.1
141	31.2	26.6	39.8





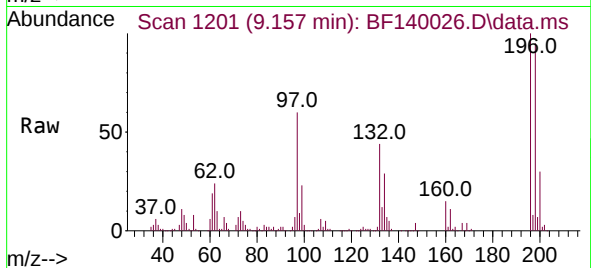
#43
2,4,6-Trichlorophenol
Concen: 39.921 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



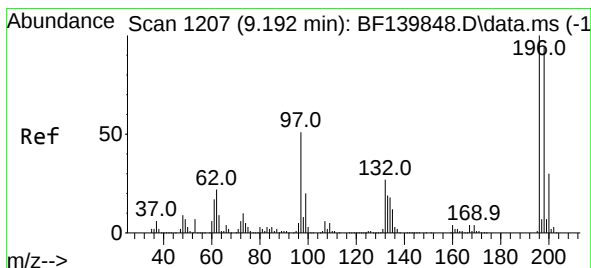
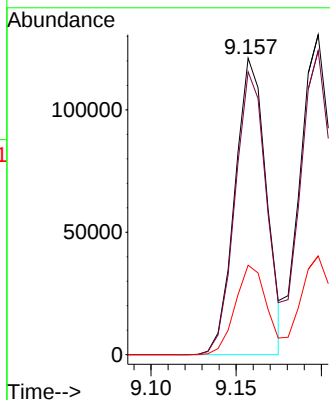
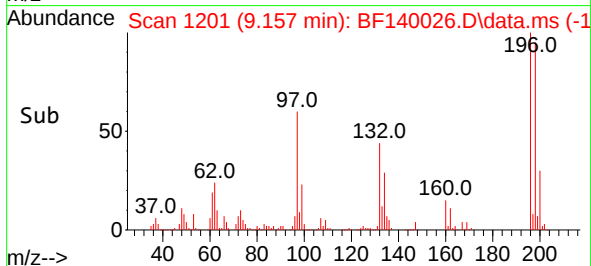
Tgt Ion:196 Resp: 15514
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
200 30.2 24.0 36.0

Manual Integrations

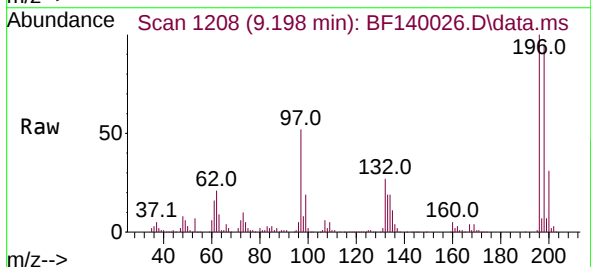
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

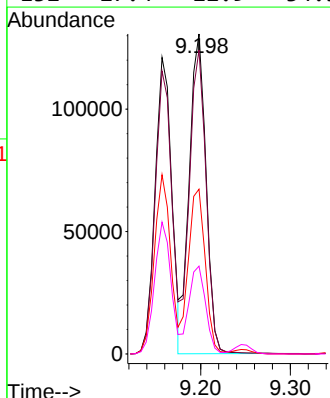
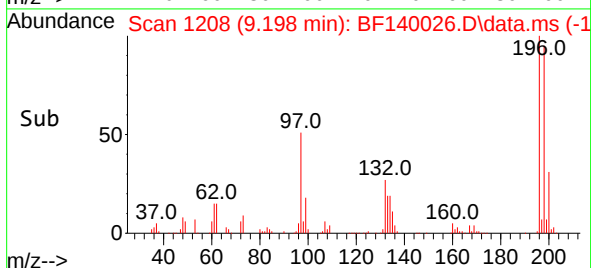
Supervised By :mohammad ahmed 10/28/2024

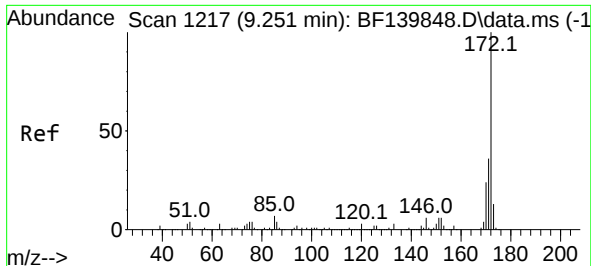


#44
2,4,5-Trichlorophenol
Concen: 42.158 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:196 Resp: 169040
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
97 51.5 41.8 62.6
132 27.4 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 82.323 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

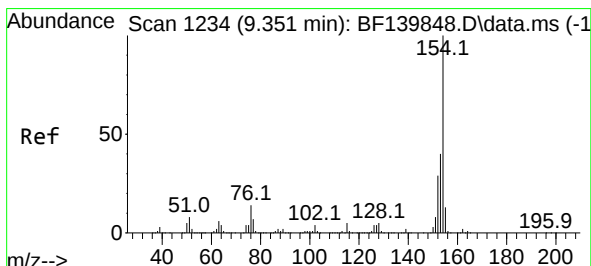
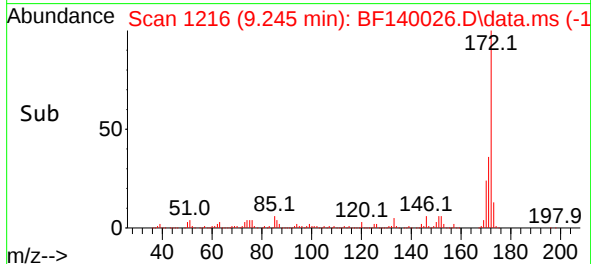
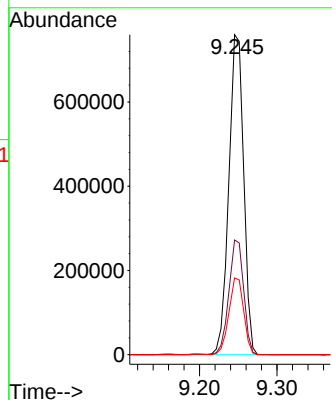
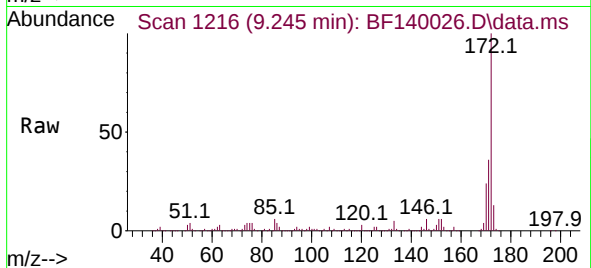
SSTDCCC040

Tgt Ion:172 Resp: 1013519
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.1 28.7

Manual Integrations

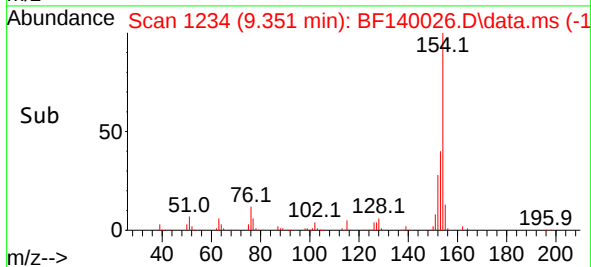
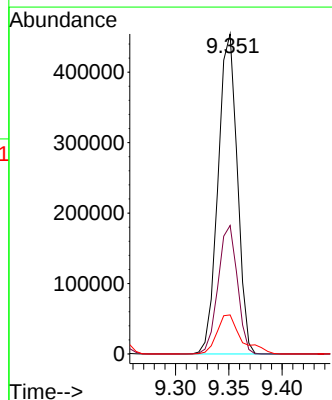
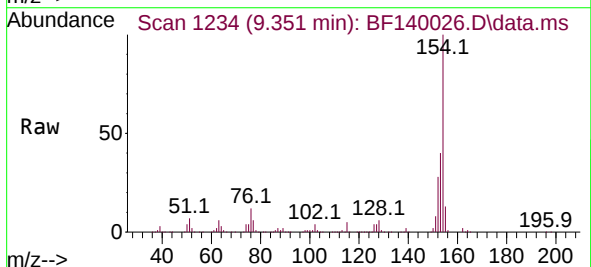
APPROVED

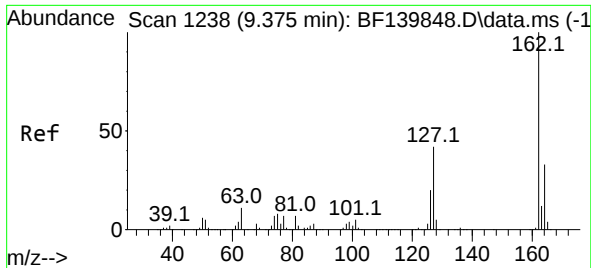
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#46
1,1'-Biphenyl
Concen: 40.119 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:154 Resp: 568270
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.2 0.0 33.9





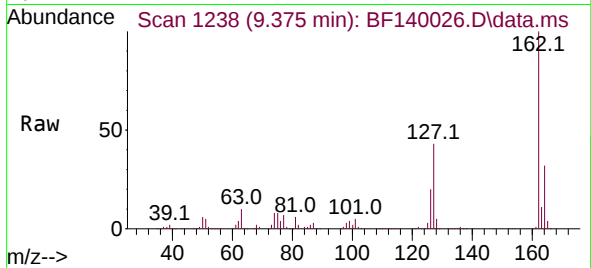
#47
2-Chloronaphthalene
Concen: 40.379 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



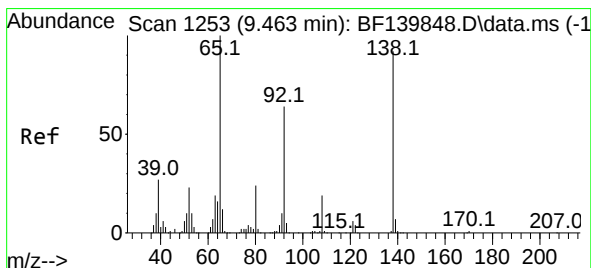
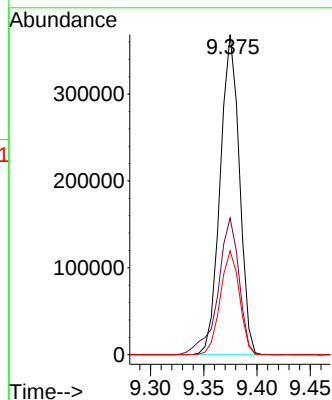
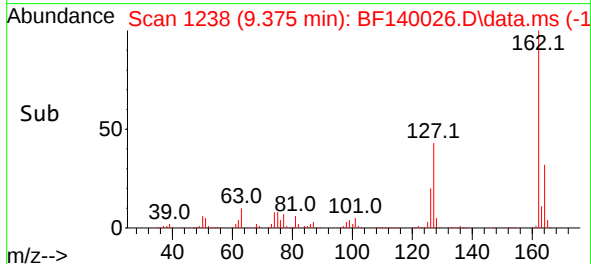
Tgt Ion:162 Resp: 460654
Ion Ratio Lower Upper
162 100
127 42.7 33.8 50.6
164 32.4 26.6 39.8

Manual Integrations

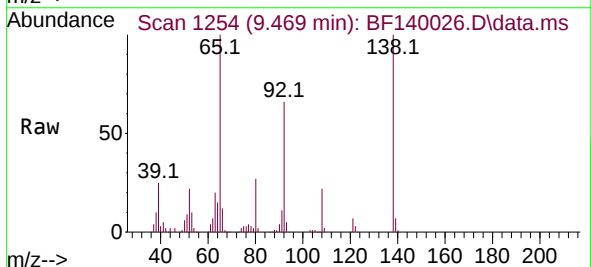
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

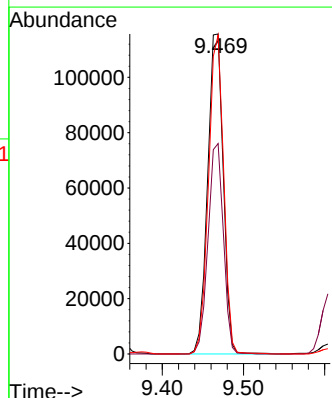
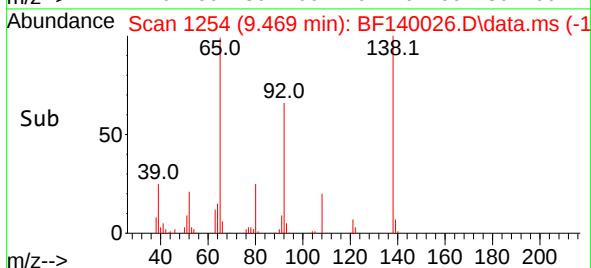
Supervised By :mohammad ahmed 10/28/2024



#48
2-Nitroaniline
Concen: 44.196 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion: 65 Resp: 154207
Ion Ratio Lower Upper
65 100
92 65.8 50.9 76.3
138 99.6 73.4 110.0





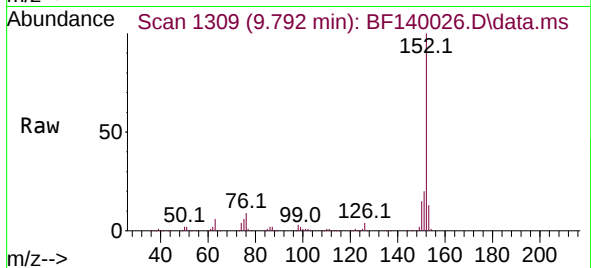
#49
Acenaphthylene
Concen: 40.118 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



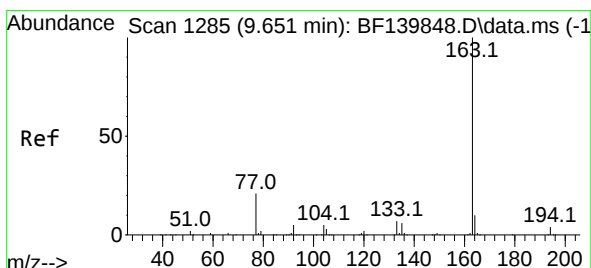
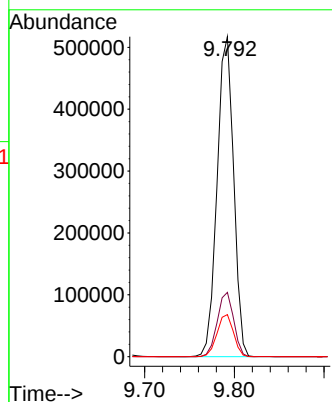
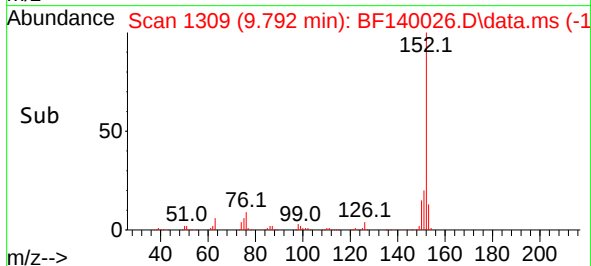
Tgt Ion:152 Resp: 661678
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations

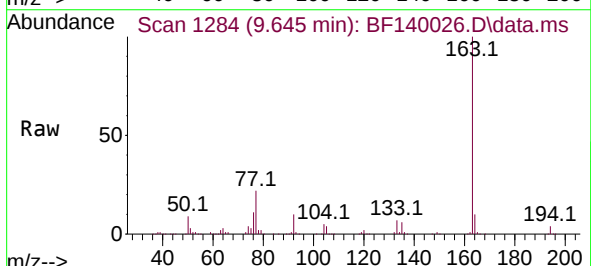
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

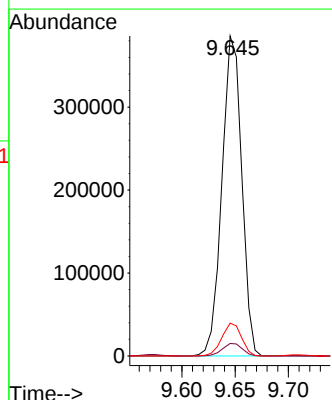
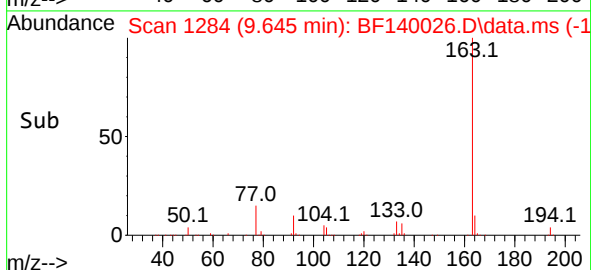
Supervised By :mohammad ahmed 10/28/2024

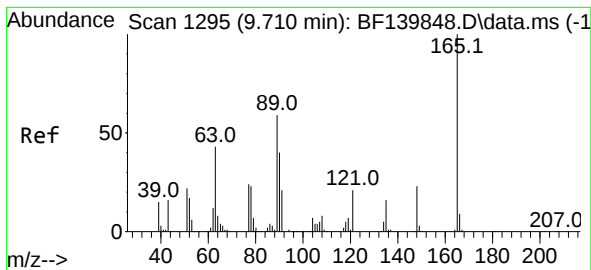


#50
Dimethylphthalate
Concen: 39.303 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



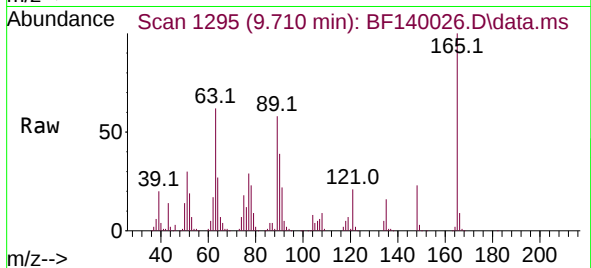
Tgt Ion:163 Resp: 498125
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.012 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

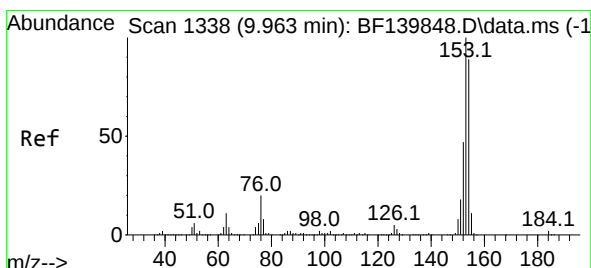
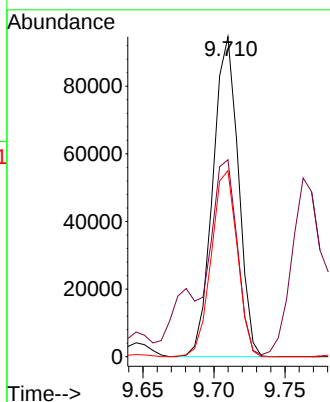
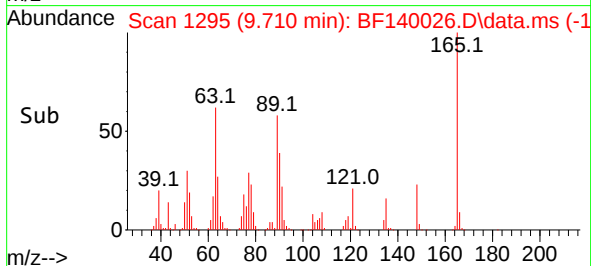
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 118030
Ion Ratio Lower Upper
165 100
63 61.6 50.6 75.8
89 58.1 47.5 71.3

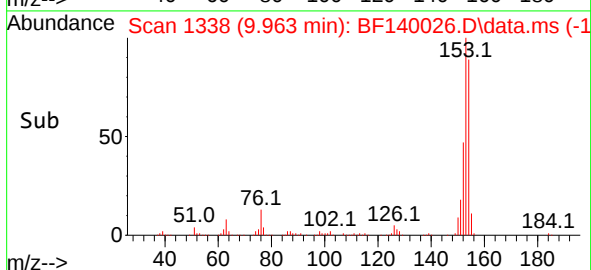
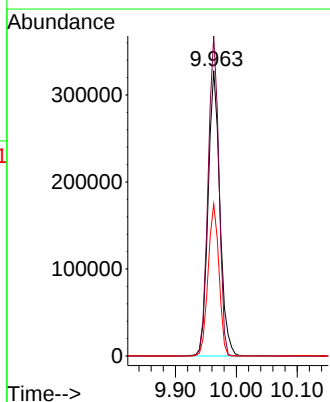
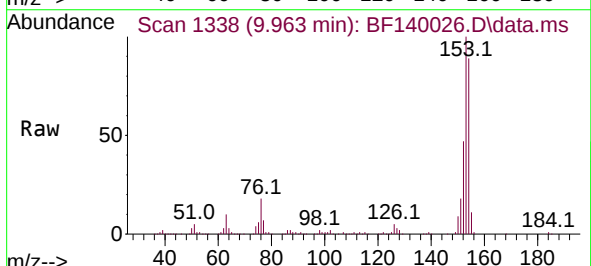
Manual Integrations
APPROVED

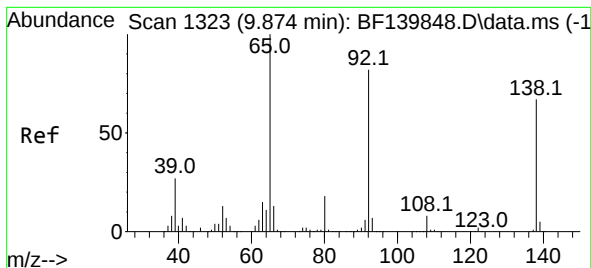
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#52
Acenaphthene
Concen: 41.294 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:154 Resp: 440575
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.3 42.4 63.6





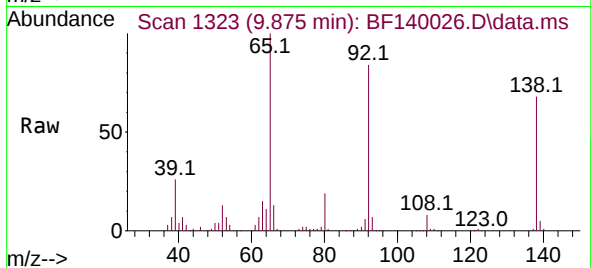
#53
3-Nitroaniline
Concen: 42.122 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

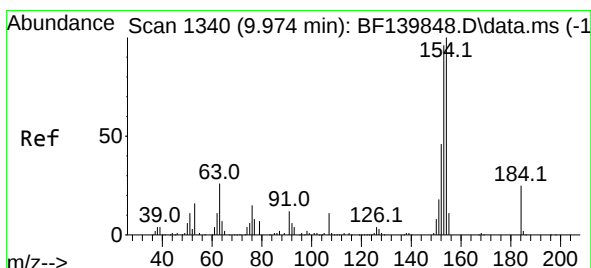
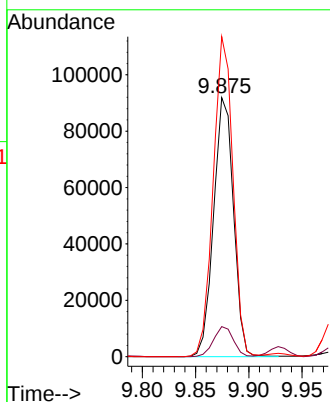
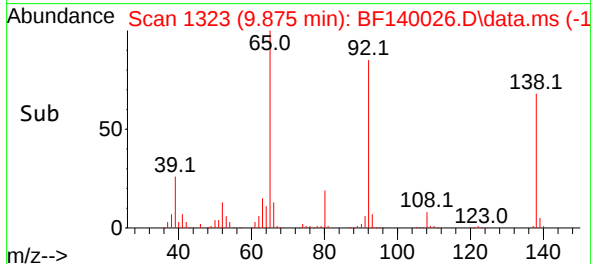
SSTDCCC040



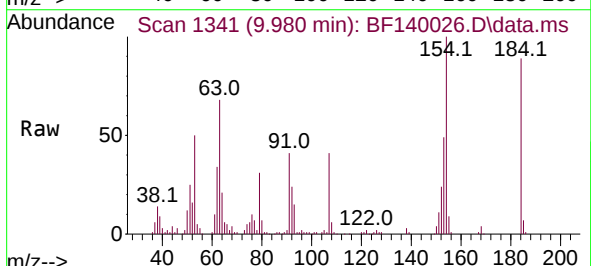
Tgt Ion:138 Resp: 119199
Ion Ratio Lower Upper
138 100
108 11.6 10.2 15.2
92 123.5 98.3 147.5

Manual Integrations
APPROVED

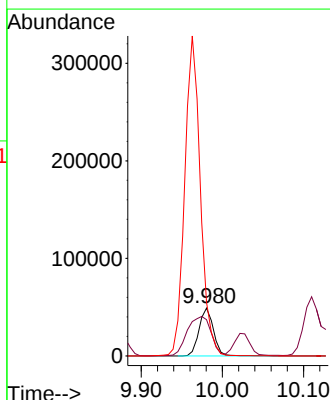
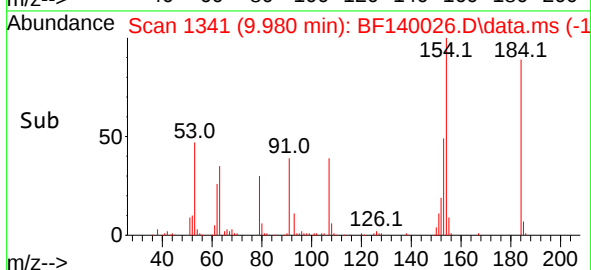
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

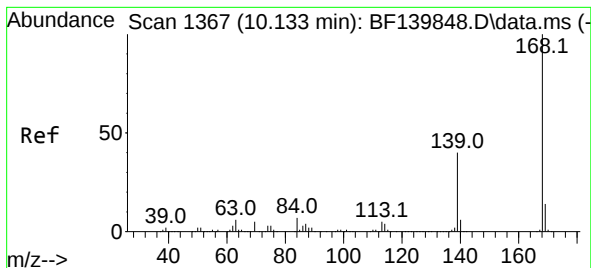


#54
2,4-Dinitrophenol
Concen: 55.333 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



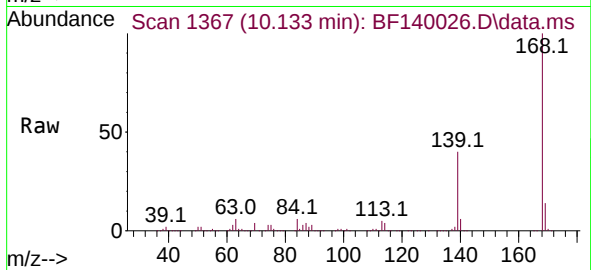
Tgt Ion:184 Resp: 60588
Ion Ratio Lower Upper
184 100
63 75.9 84.7 127.1#
154 112.2 338.2 507.2#





#55
Dibenzenofuran
Concen: 40.281 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

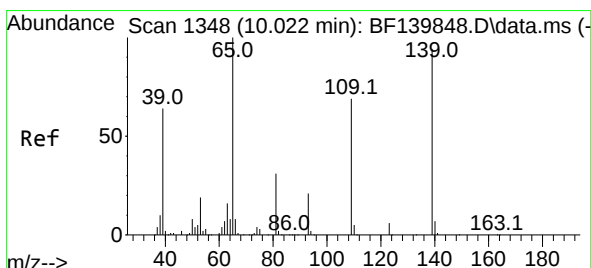
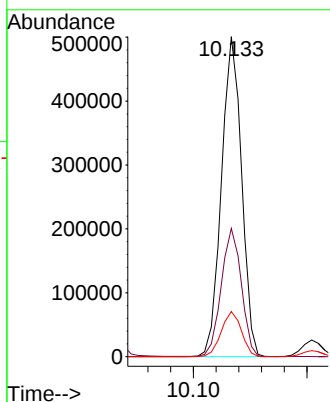
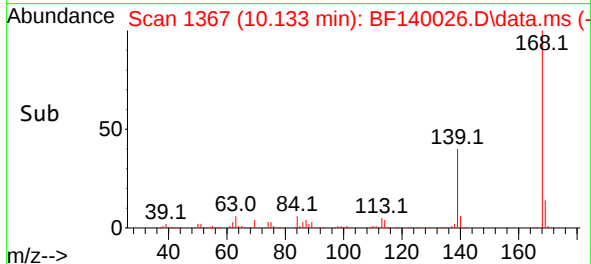
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



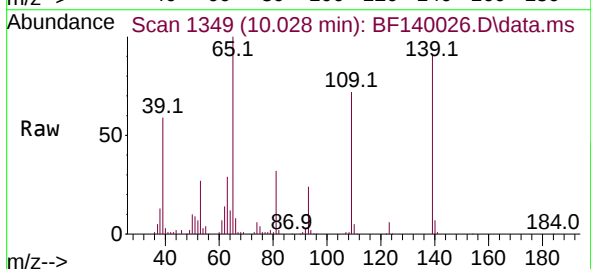
Tgt Ion:168 Resp: 61662
Ion Ratio Lower Upper
168 100
139 40.1 31.8 47.6
169 14.1 11.6 17.4

Manual Integrations
APPROVED

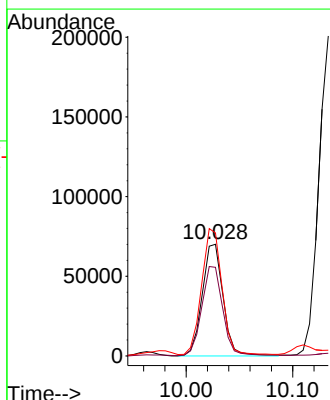
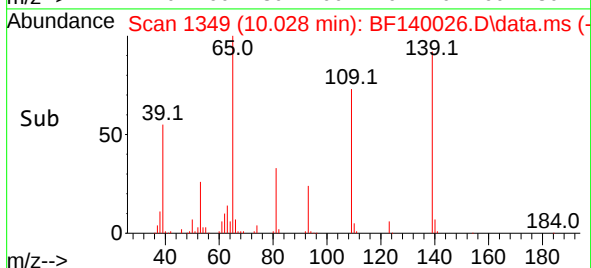
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

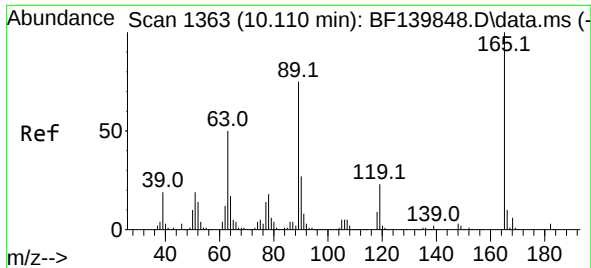


#56
4-Nitrophenol
Concen: 43.929 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:139 Resp: 95641
Ion Ratio Lower Upper
139 100
109 79.4 53.6 93.6
65 110.2 87.8 127.8





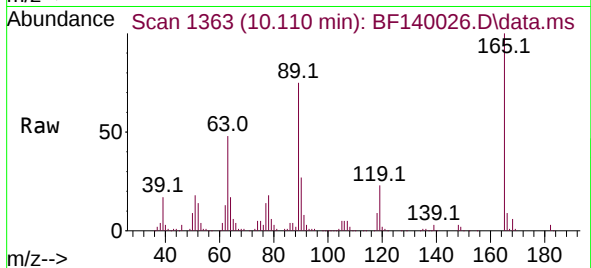
#57
2,4-Dinitrotoluene
Concen: 46.357 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



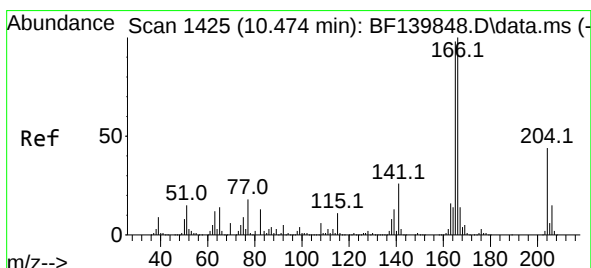
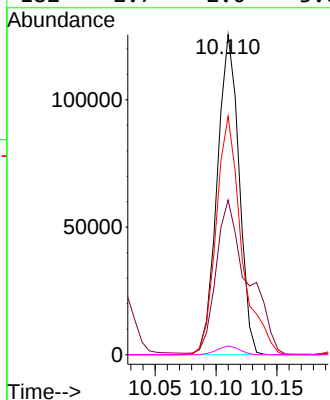
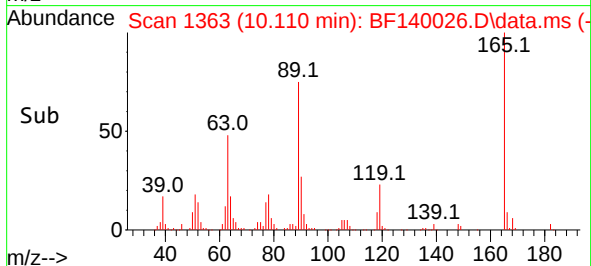
Tgt Ion:165 Resp: 156434
Ion Ratio Lower Upper
165 100
63 48.3 40.1 60.1
89 74.5 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

APPROVED

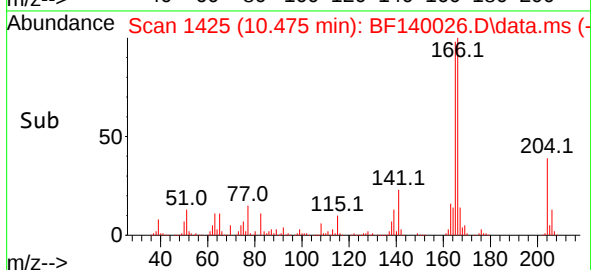
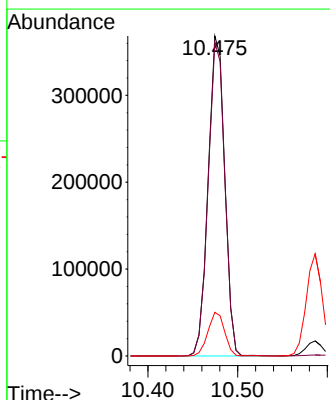
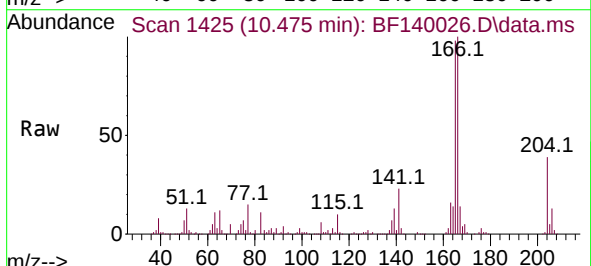
Reviewed By :Yogesh Patel 10/28/2024

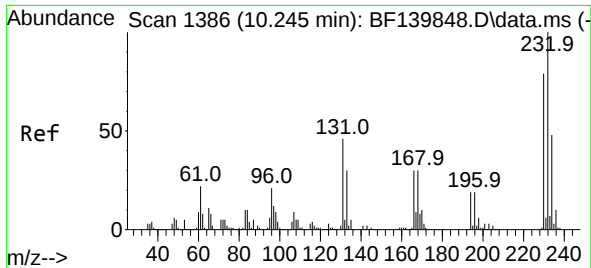
Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 40.521 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

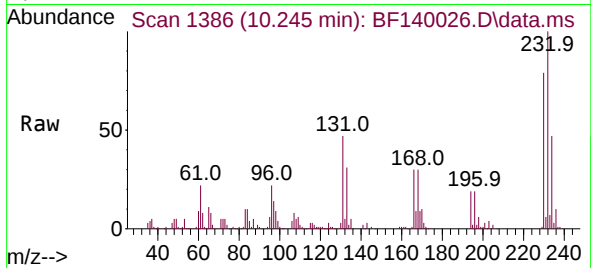
Tgt Ion:166 Resp: 472456
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.873 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

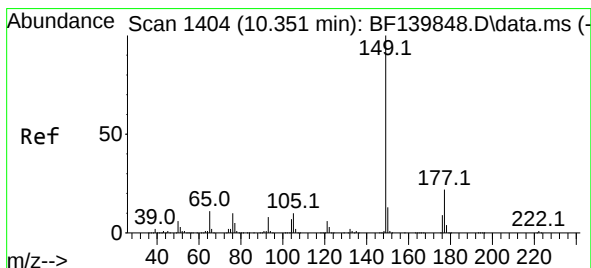
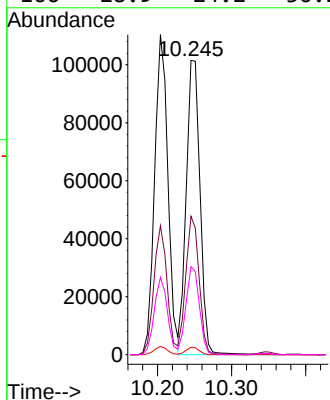
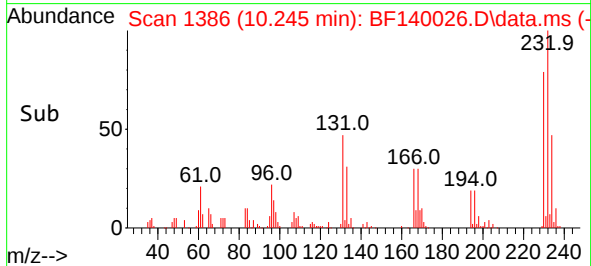
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



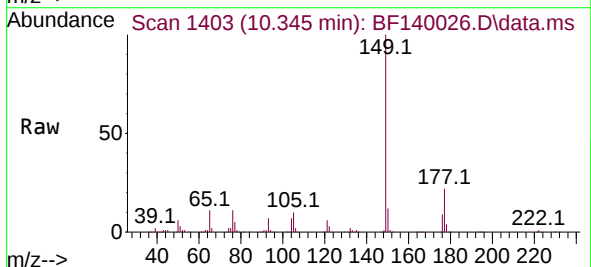
Tgt Ion:232 Resp: 13162
Ion Ratio Lower Upper
232 100
131 45.2 37.0 55.6
130 2.4 1.9 2.9
166 28.9 24.2 36.2

Manual Integrations
APPROVED

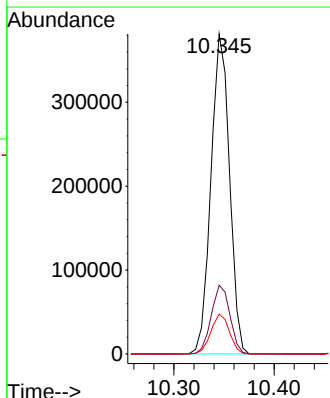
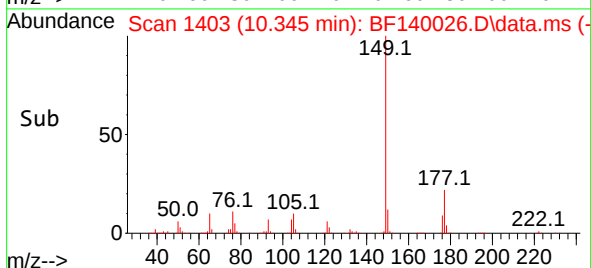
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

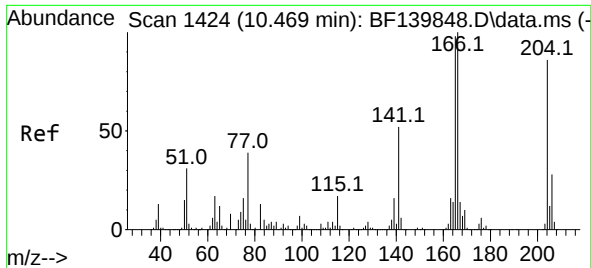


#60
Diethylphthalate
Concen: 39.191 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



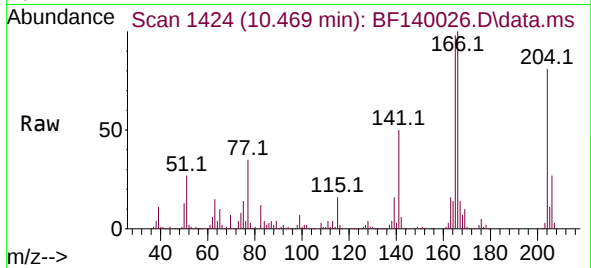
Tgt Ion:149 Resp: 487688
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.295 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

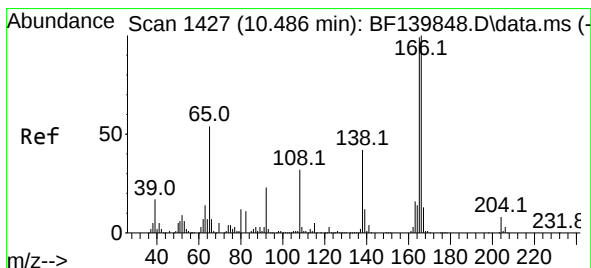
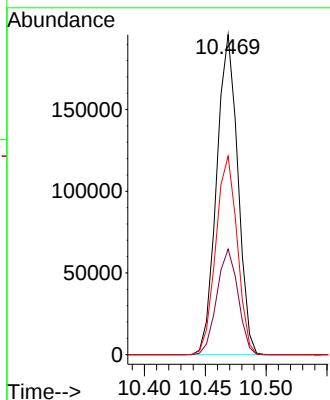
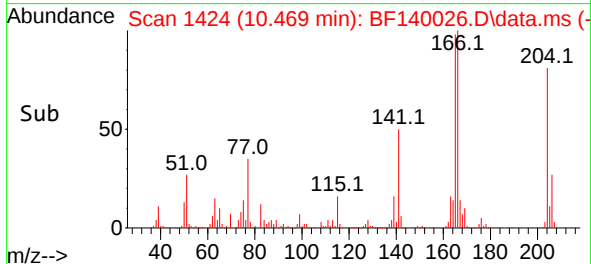
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



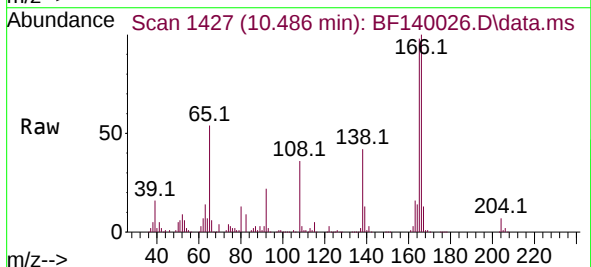
Tgt Ion:204 Resp: 237250
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 62.0 48.6 73.0

Manual Integrations
APPROVED

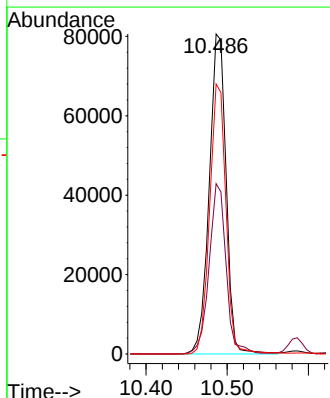
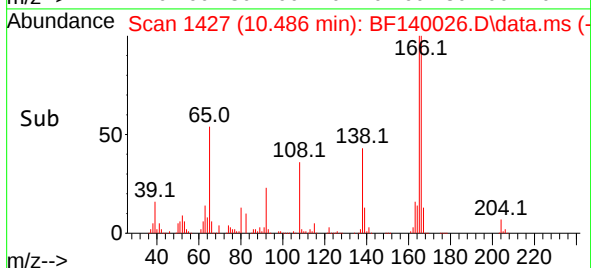
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

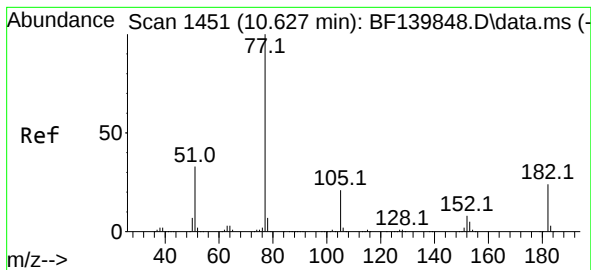


#62
4-Nitroaniline
Concen: 43.421 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:138 Resp: 116053
Ion Ratio Lower Upper
138 100
92 53.2 35.7 75.7
108 84.4 57.5 97.5





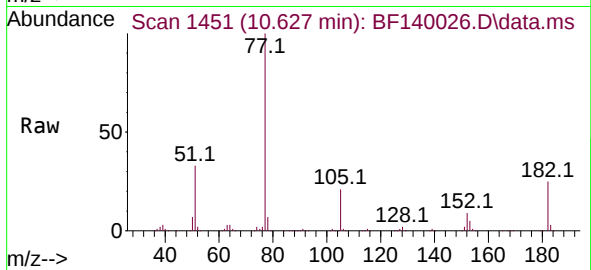
#63
Azobenzene
Concen: 37.643 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



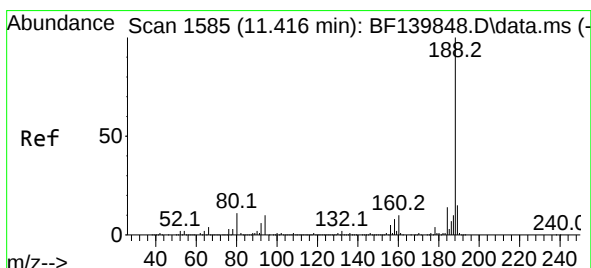
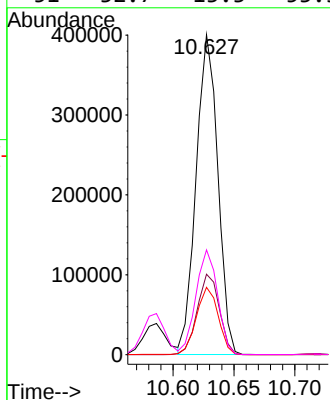
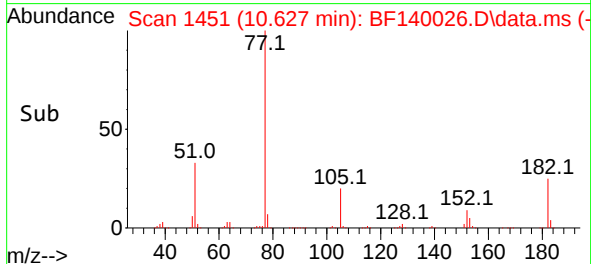
Tgt Ion: 77 Resp: 496602
Ion Ratio Lower Upper
77 100
182 25.1 3.3 43.3
105 21.0 1.2 41.2
51 32.7 13.3 53.3

Manual Integrations

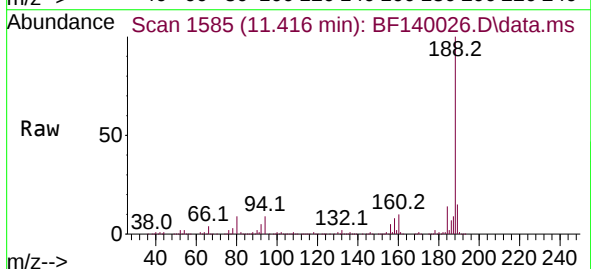
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

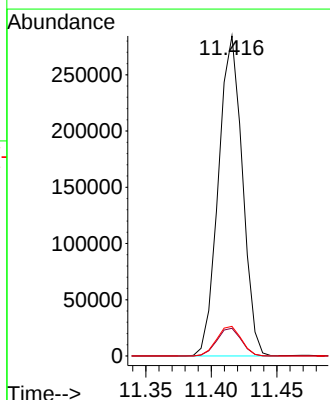
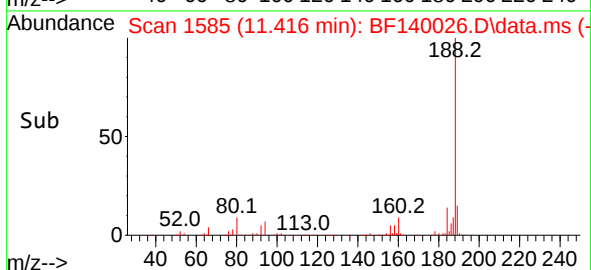
Supervised By :mohammad ahmed 10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:188 Resp: 361854
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.2 9.0 13.4





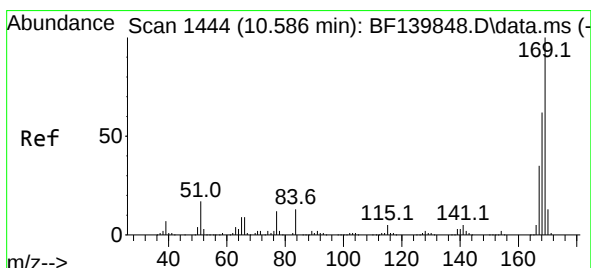
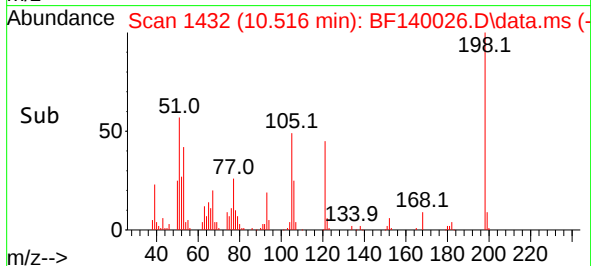
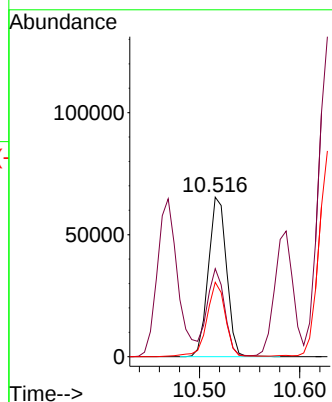
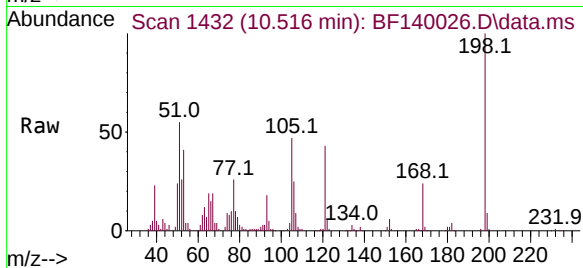
#65
4,6-Dinitro-2-methylphenol
Concen: 55.977 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 82621
Ion Ratio Lower Upper
198 100
51 55.2 38.2 78.2
105 46.6 27.9 67.9

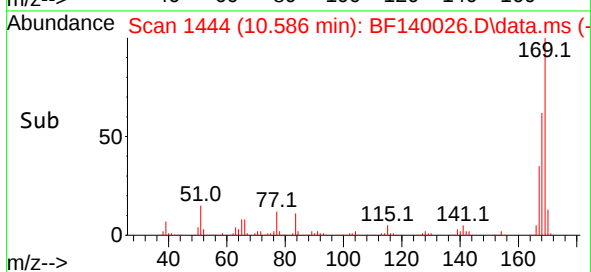
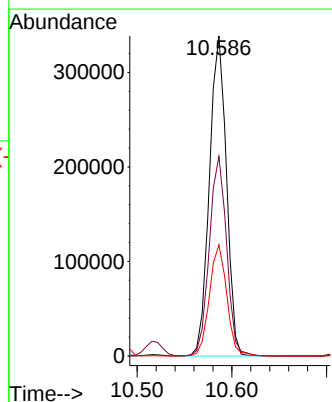
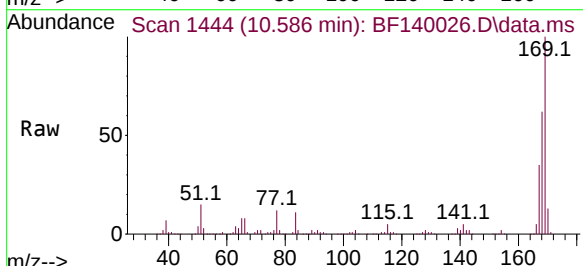
Manual Integrations
APPROVED

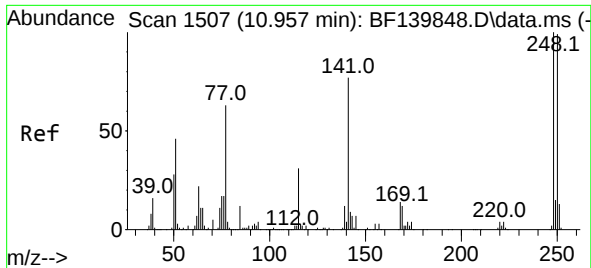
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#66
n-Nitrosodiphenylamine
Concen: 38.896 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:169 Resp: 421255
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 40.425 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

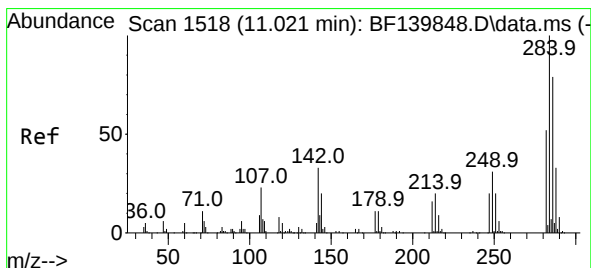
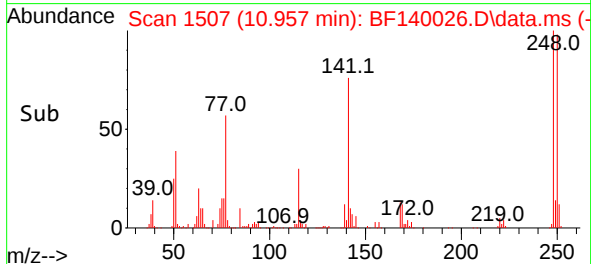
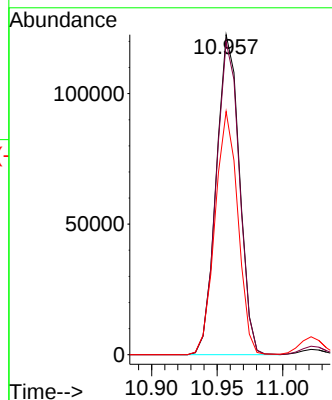
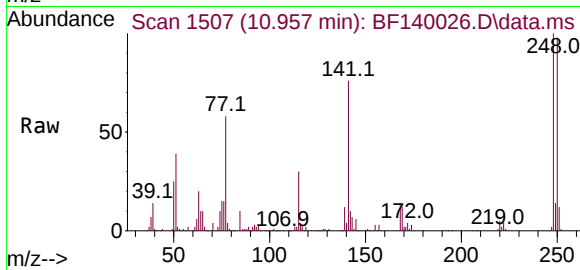
Tgt Ion:248 Resp: 15069
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 76.0 61.7 92.5

Manual Integrations

APPROVED

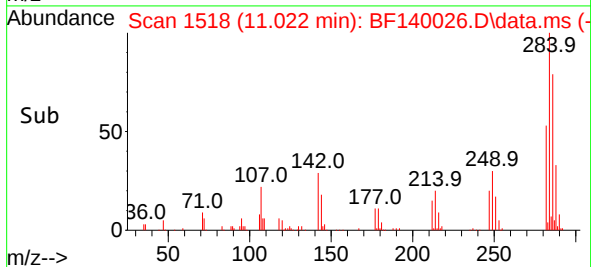
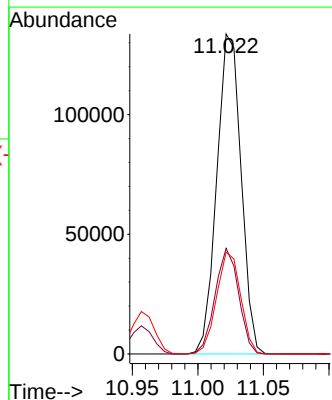
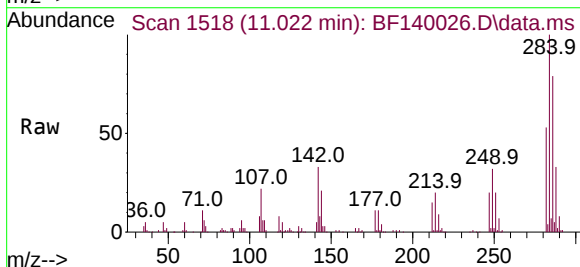
Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#68
Hexachlorobenzene
Concen: 40.996 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:284 Resp: 171877
Ion Ratio Lower Upper
284 100
142 33.0 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 39.057 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 11458

Ion Ratio Lower Upper

200 100

173 27.7 7.7 47.7

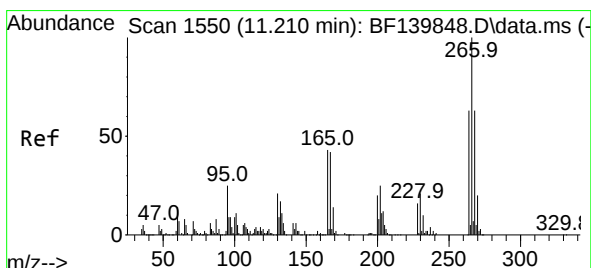
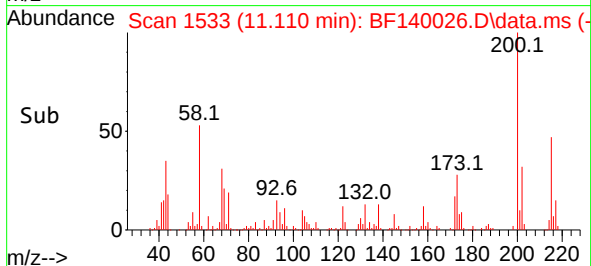
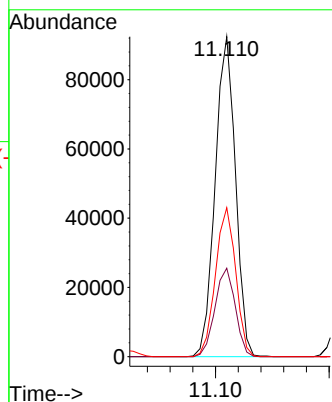
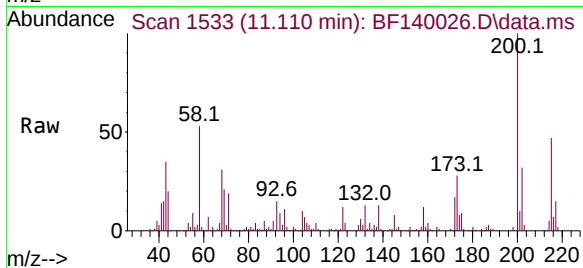
215 46.6 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 45.712 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

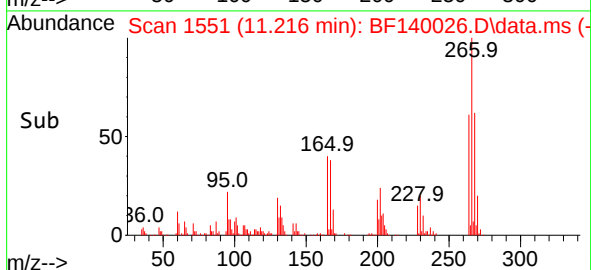
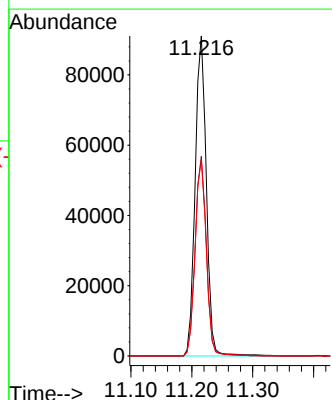
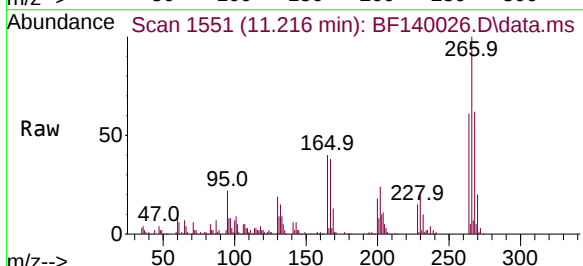
Tgt Ion:266 Resp: 116313

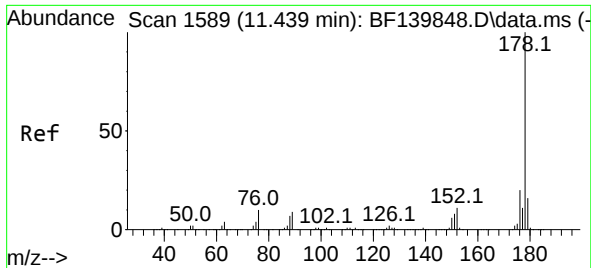
Ion Ratio Lower Upper

266 100

268 62.4 50.4 75.6

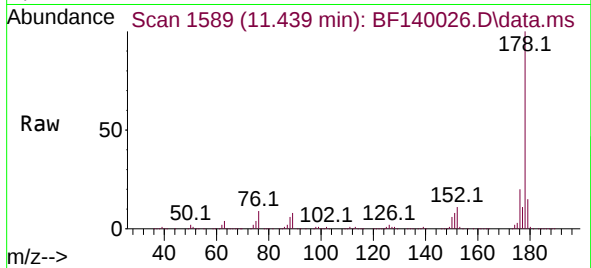
264 61.3 50.6 75.8





#71
Phenanthrene
Concen: 39.496 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

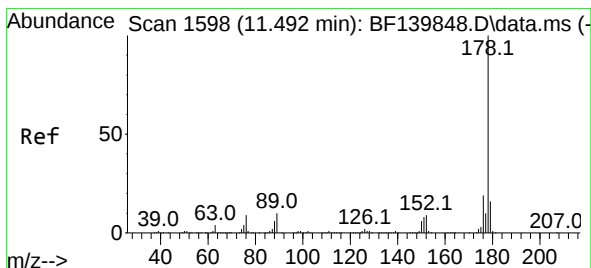
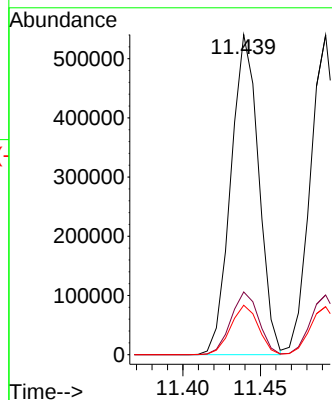
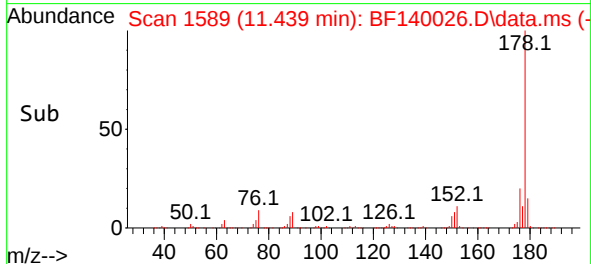
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



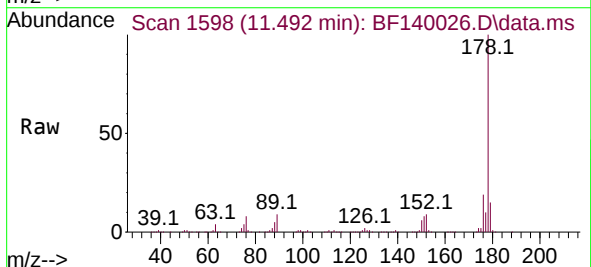
Tgt Ion:178 Resp: 675090
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.4 12.6 18.8

Manual Integrations
APPROVED

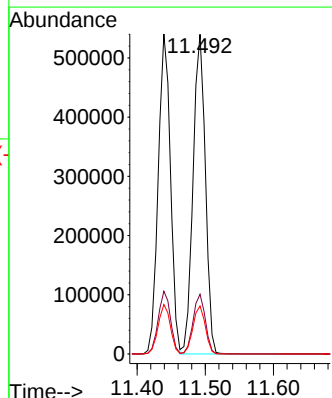
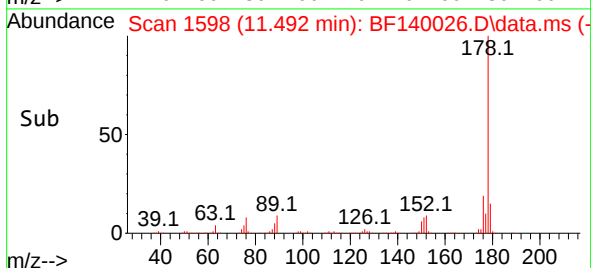
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

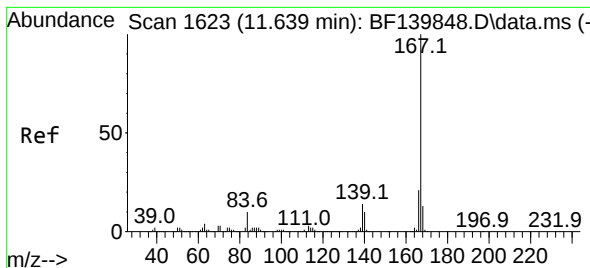


#72
Anthracene
Concen: 40.244 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:178 Resp: 671151
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.0 12.4 18.6





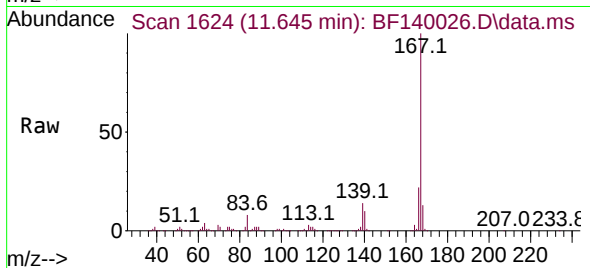
#73
 Carbazole
 Concen: 39.527 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF140026.D
 Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



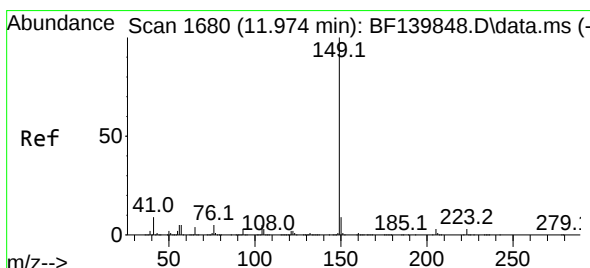
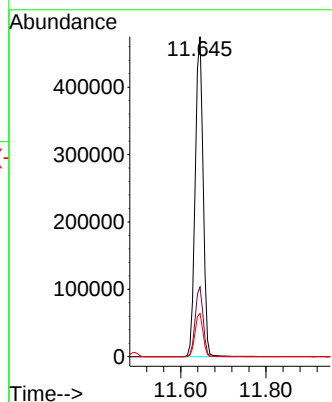
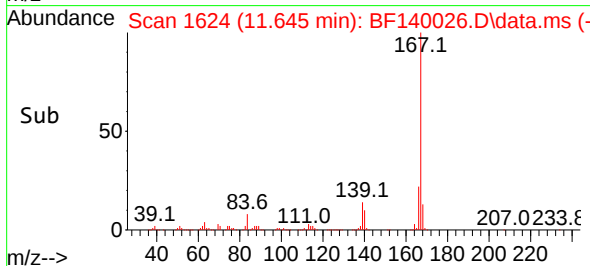
Tgt Ion:167 Resp: 613054
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.5 10.8 16.2

Manual Integrations

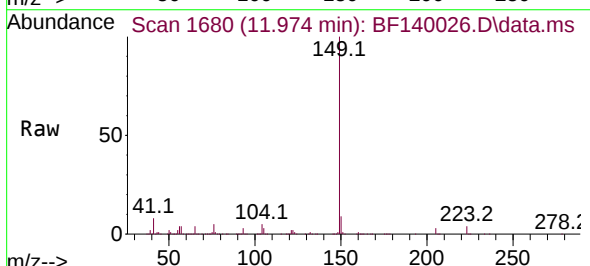
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

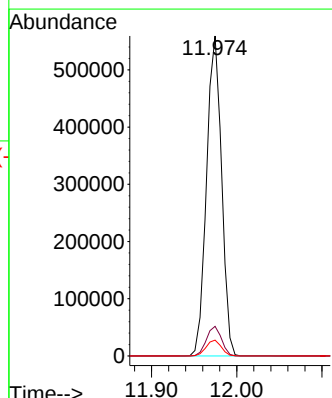
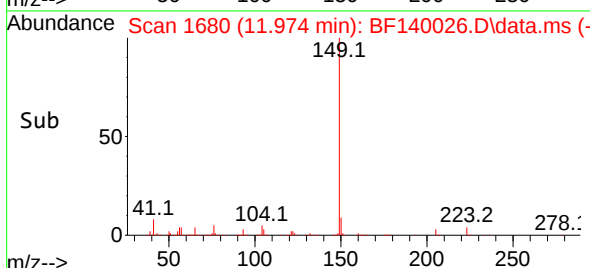
Supervised By :mohammad ahmed 10/28/2024

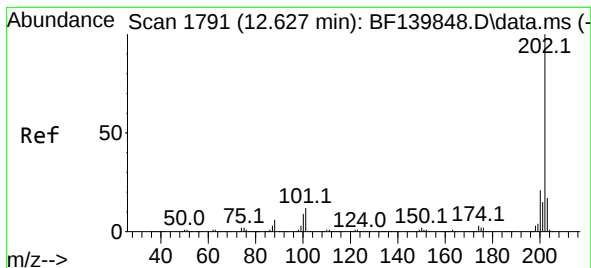


#74
 Di-n-butylphthalate
 Concen: 38.243 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140026.D
 Acq: 25 Oct 2024 09:48



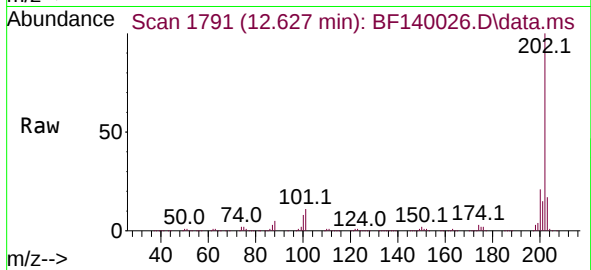
Tgt Ion:149 Resp: 685274
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 40.436 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

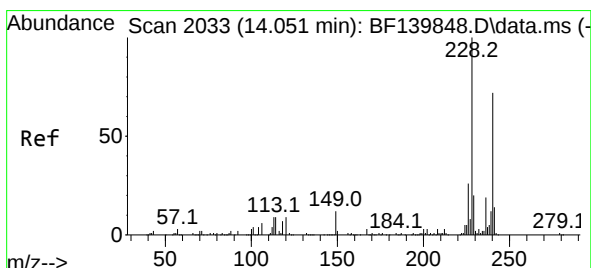
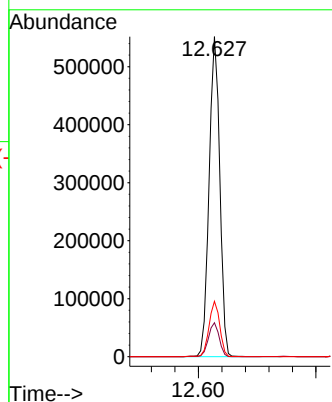
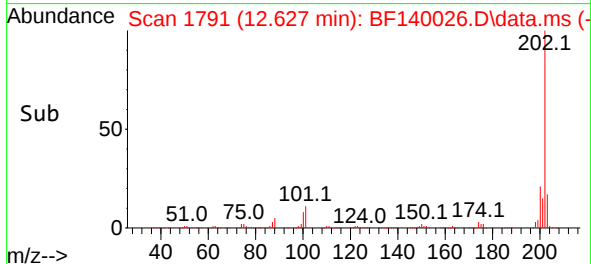
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



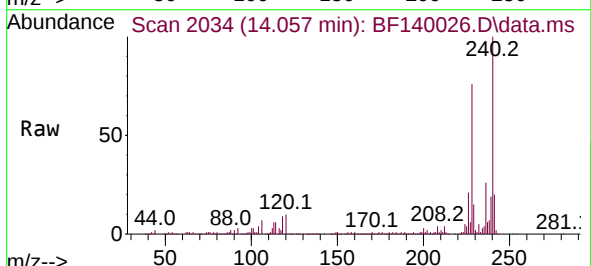
Tgt Ion:202 Resp: 698700
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.9
203 17.3 0.0 37.5

Manual Integrations
APPROVED

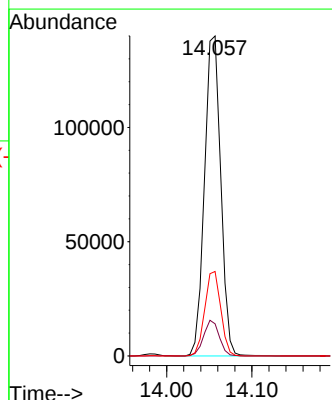
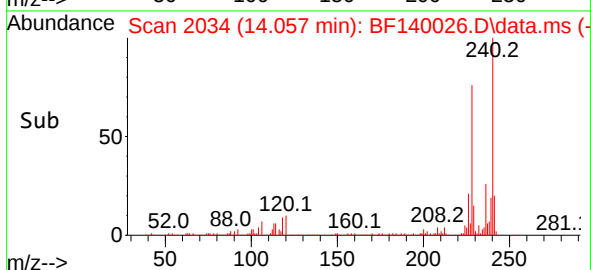
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

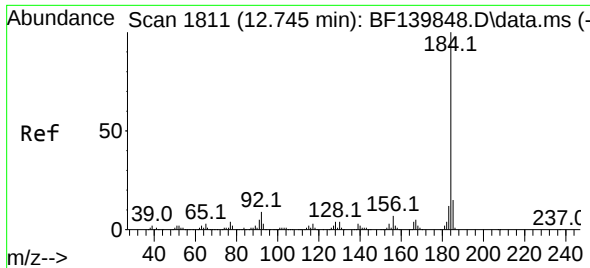


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:240 Resp: 185591
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 26.4 20.9 31.3





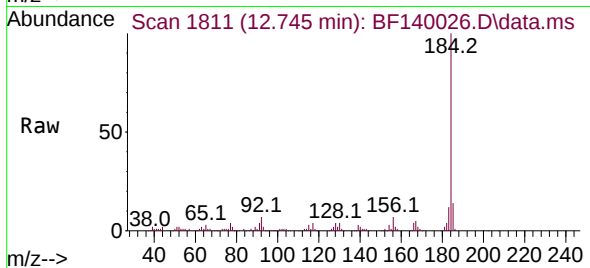
#77
Benzidine
Concen: 51.700 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



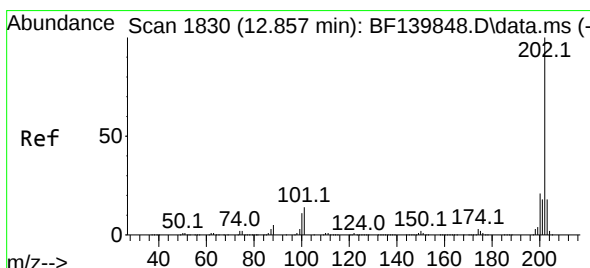
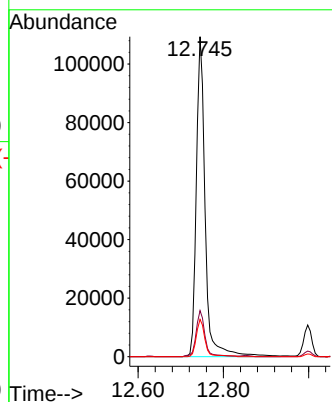
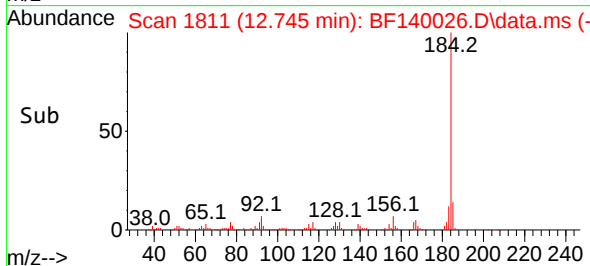
Tgt Ion:184 Resp: 157775
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 11.6 9.4 14.2

Manual Integrations

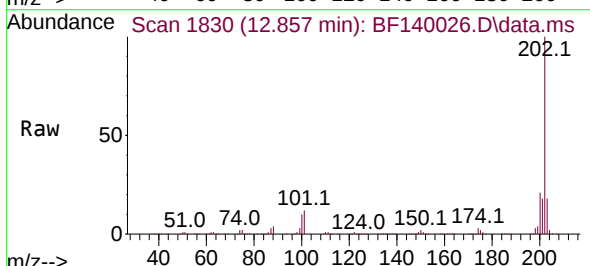
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

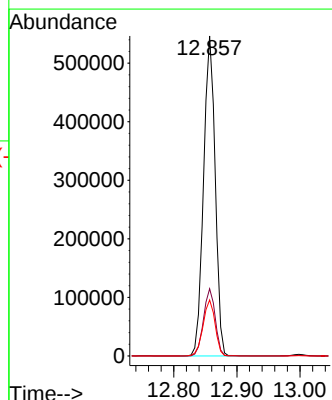
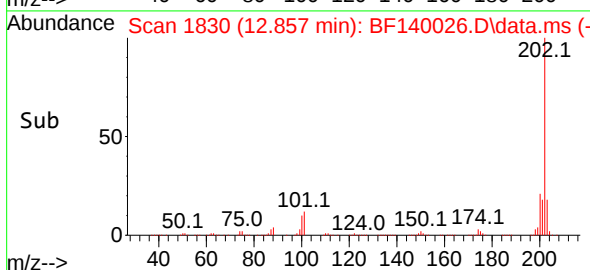
Supervised By :mohammad ahmed 10/28/2024

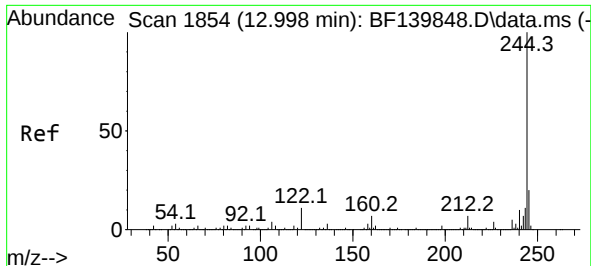


#78
Pyrene
Concen: 43.107 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:202 Resp: 700292
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.5 14.2 21.4





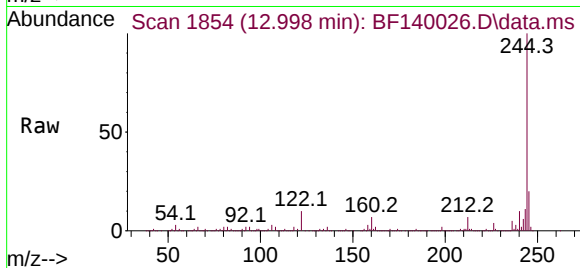
#79
 Terphenyl-d14
 Concen: 86.483 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140026.D
 Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



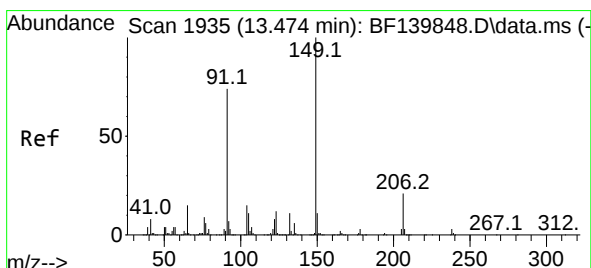
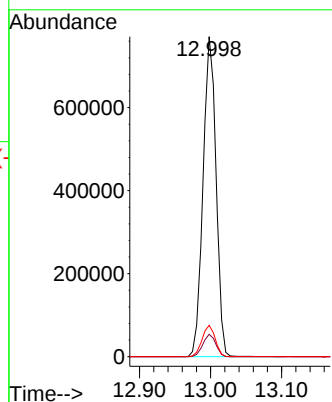
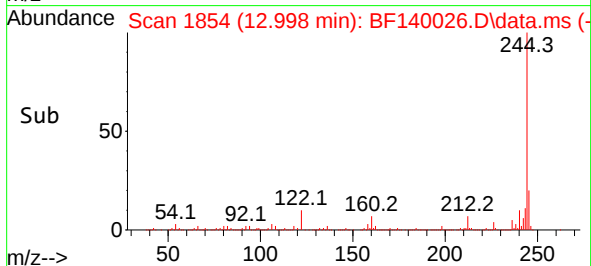
Tgt Ion:244 Resp: 985000
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.8 8.6 13.0

Manual Integrations

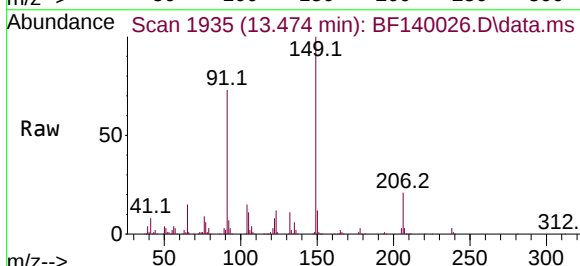
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

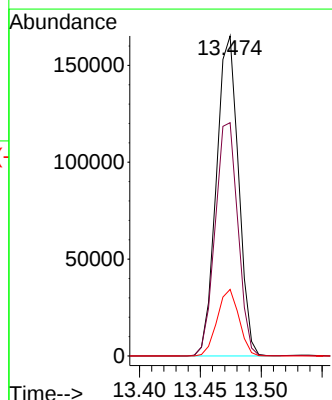
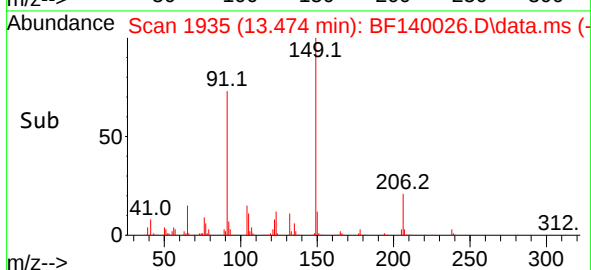
Supervised By :mohammad ahmed 10/28/2024

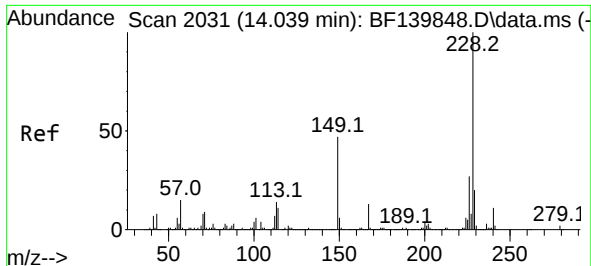


#80
 Butylbenzylphthalate
 Concen: 42.959 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140026.D
 Acq: 25 Oct 2024 09:48



Tgt Ion:149 Resp: 209229
 Ion Ratio Lower Upper
 149 100
 91 72.9 59.4 89.2
 206 20.8 16.4 24.6





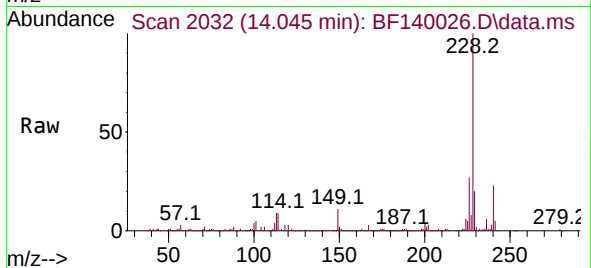
#81
Benzo(a)anthracene
Concen: 40.779 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



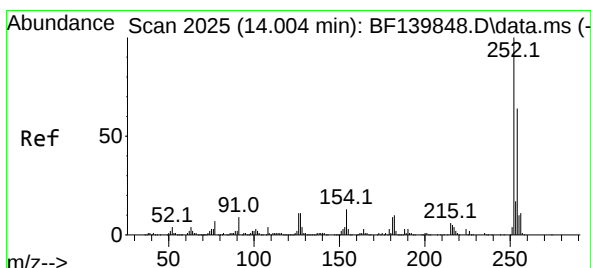
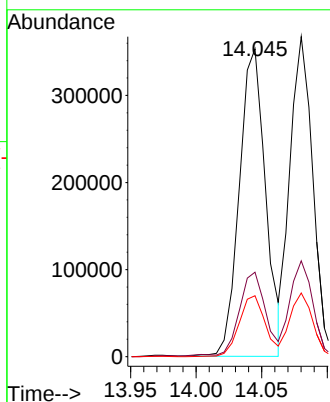
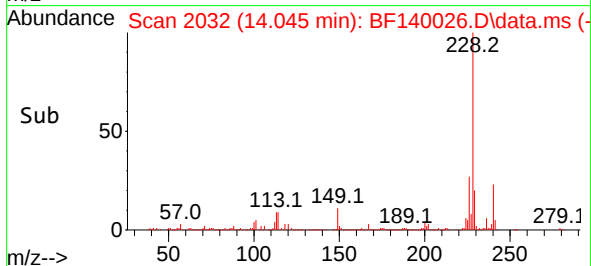
Tgt Ion:228 Resp: 492668
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations

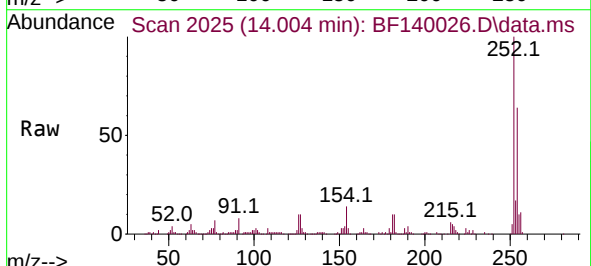
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

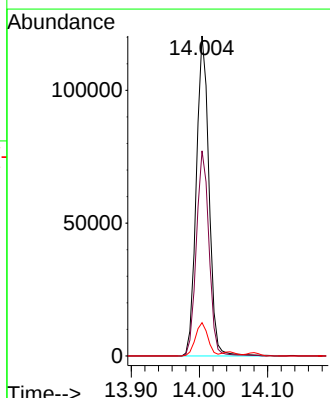
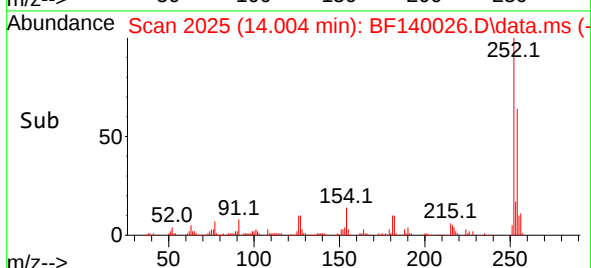
Supervised By :mohammad ahmed 10/28/2024

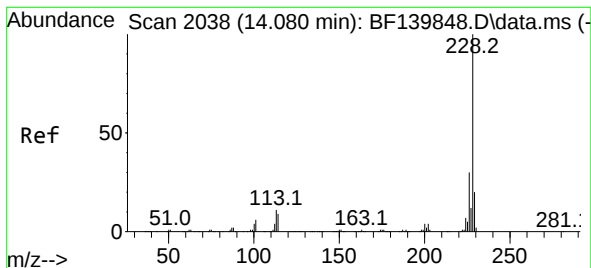


#82
3,3'-Dichlorobenzidine
Concen: 44.133 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:252 Resp: 155460
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 10.4 8.9 13.3





#83

Chrysene

Concen: 40.104 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140026.D

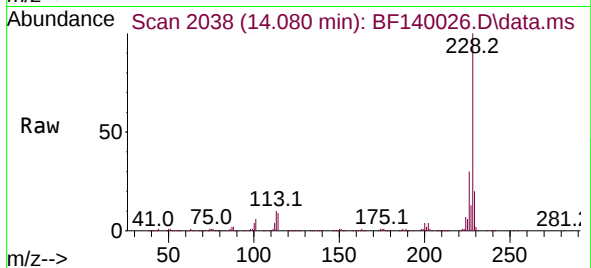
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 44423

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

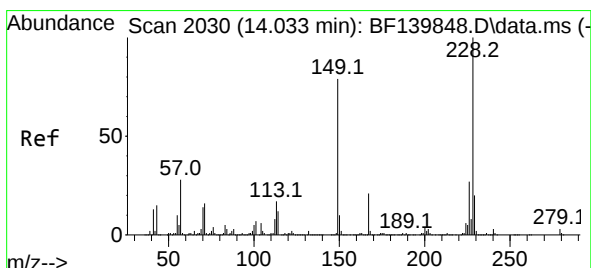
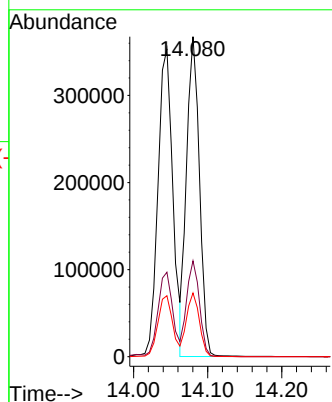
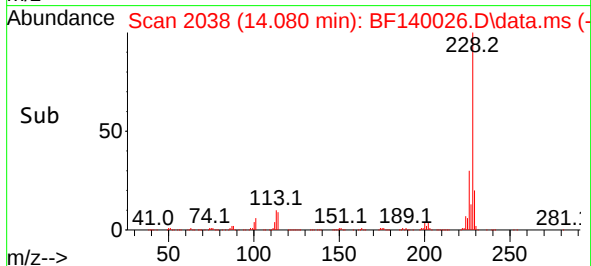
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.719 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

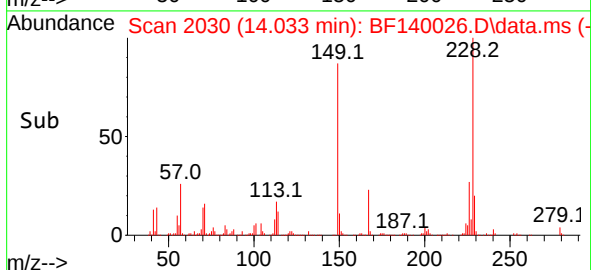
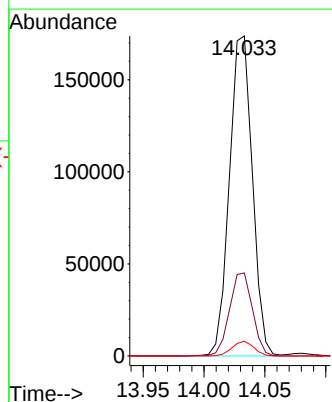
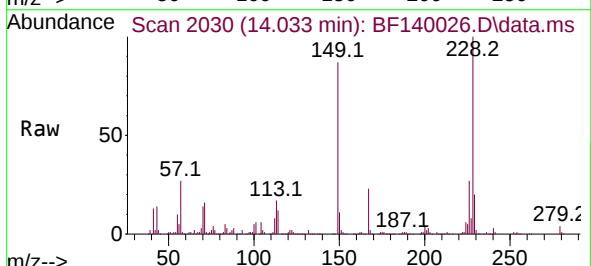
Tgt Ion:149 Resp: 227965

Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.0

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 35.934 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 357150

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

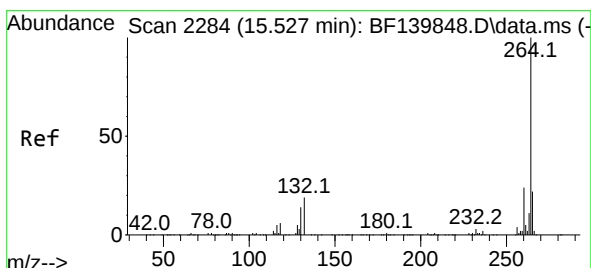
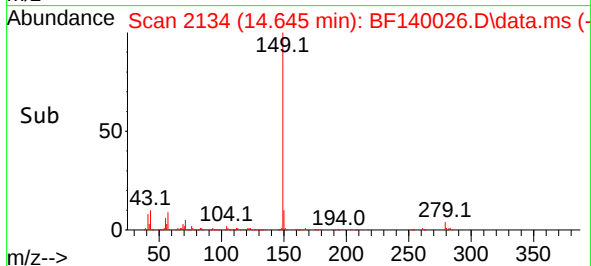
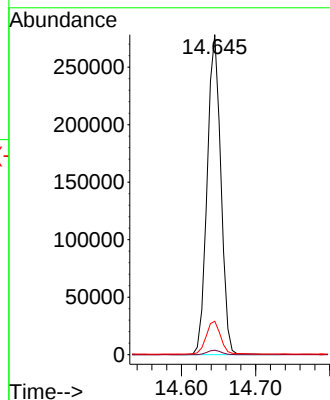
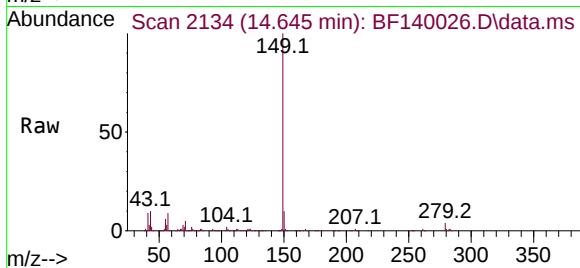
43 10.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140026.D

Acq: 25 Oct 2024 09:48

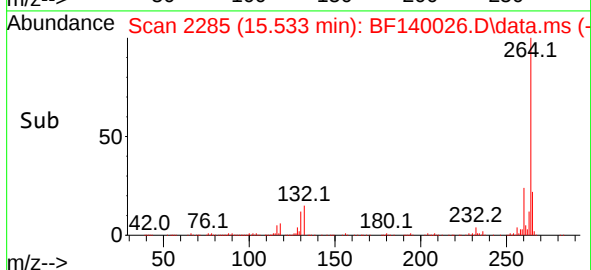
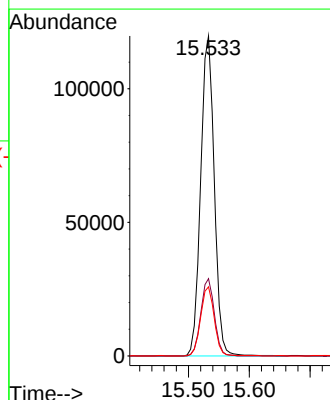
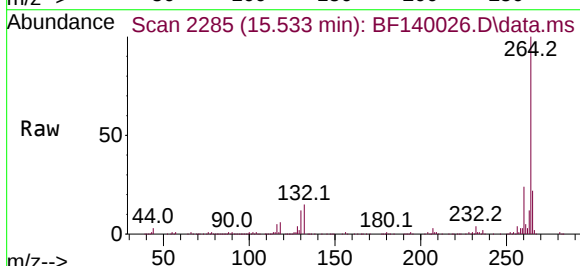
Tgt Ion:264 Resp: 185466

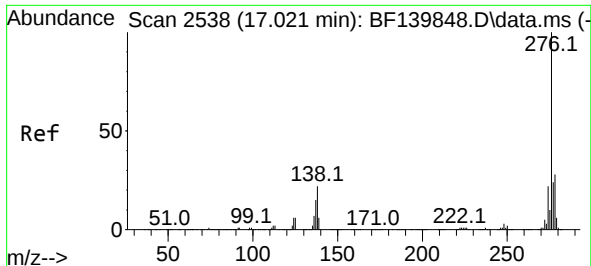
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.0





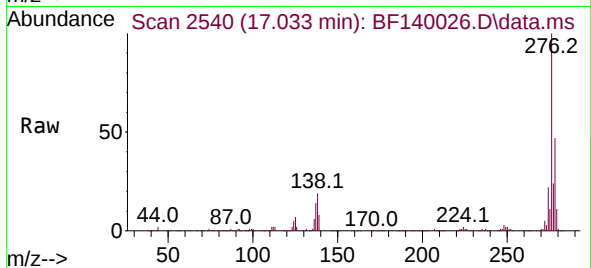
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.833 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



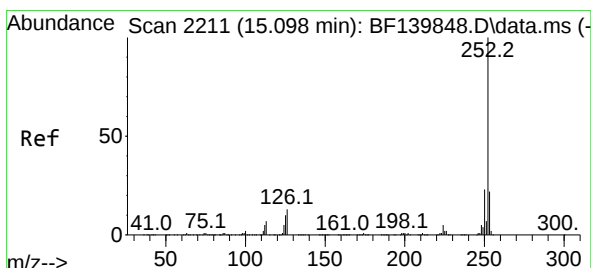
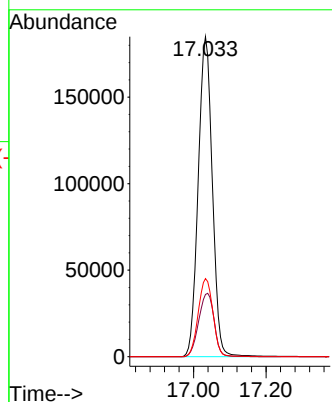
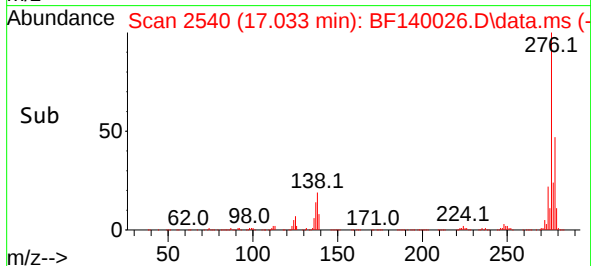
Tgt Ion:276 Resp: 49913
Ion Ratio Lower Upper
276 100
138 21.6 20.4 30.6
277 25.4 20.2 30.4

Manual Integrations

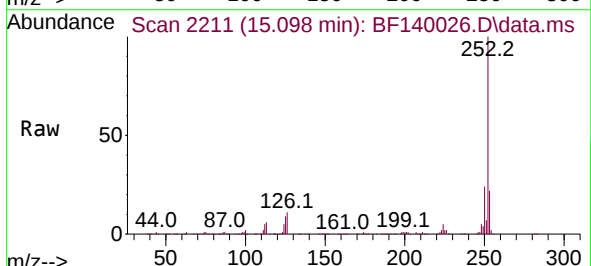
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

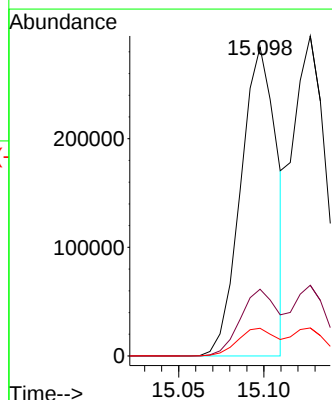
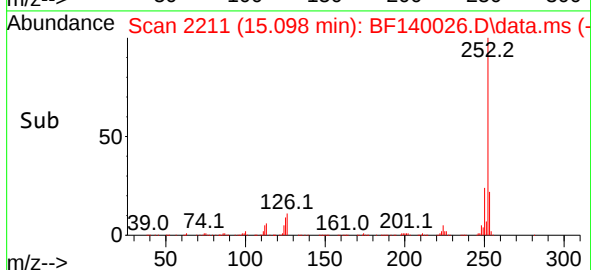
Supervised By :mohammad ahmed 10/28/2024

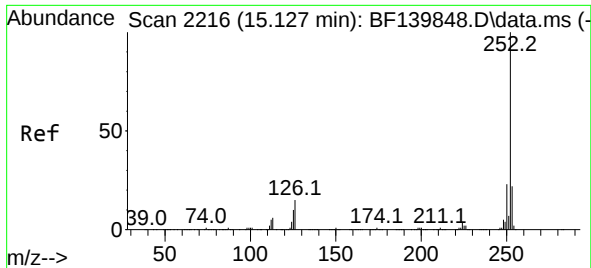


#88
Benzo(b)fluoranthene
Concen: 36.869 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:252 Resp: 416538
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 9.0 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 41.483 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

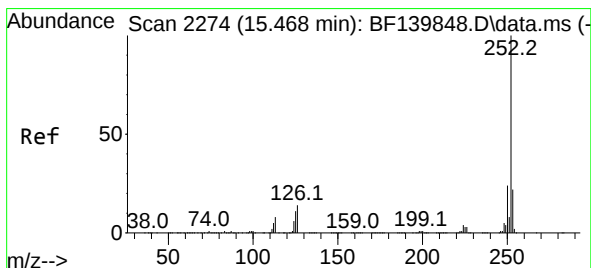
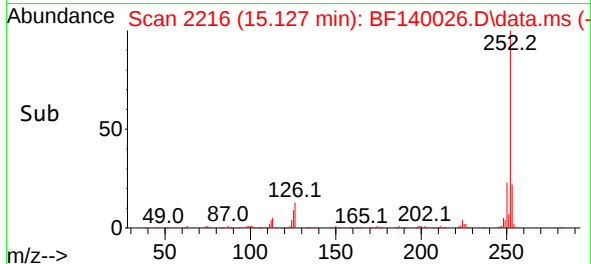
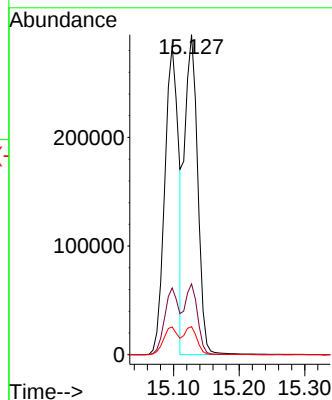
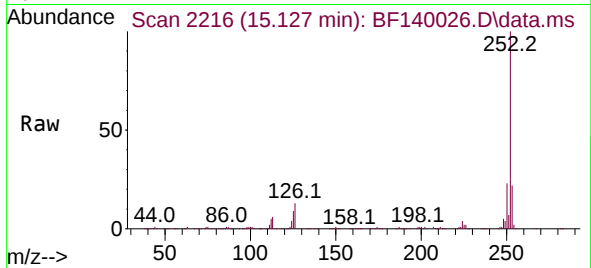
SSTDCCC040

Tgt Ion:252 Resp: 404189
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.8 7.9 11.9

Manual Integrations

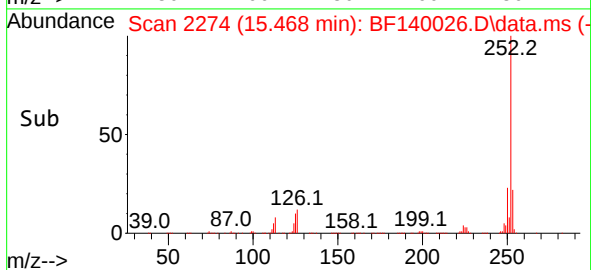
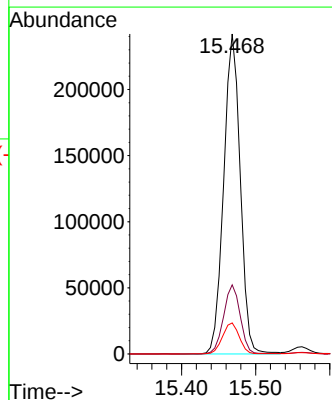
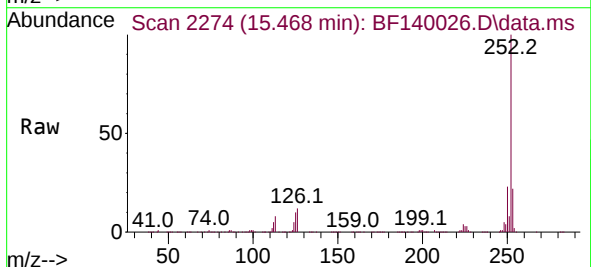
APPROVED

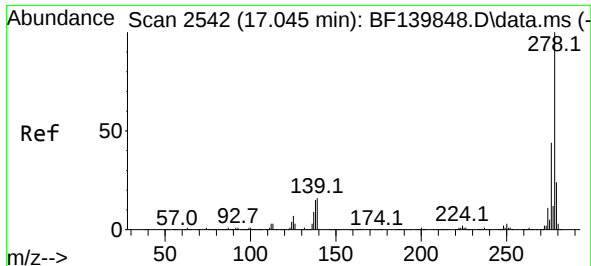
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#90
Benzo(a)pyrene
Concen: 40.412 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Tgt Ion:252 Resp: 375675
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.7 8.7 13.1





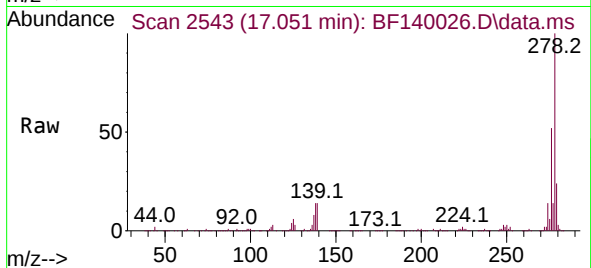
#91
Dibenzo(a,h)anthracene
Concen: 41.225 ng
RT: 17.051 min Scan# 2542
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



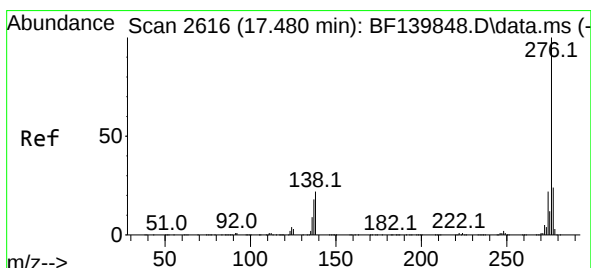
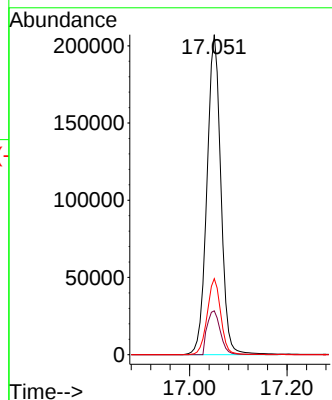
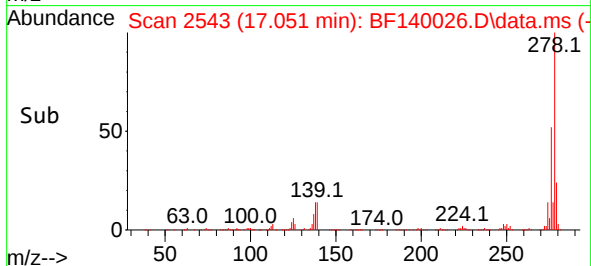
Tgt Ion:278 Resp: 410330
Ion Ratio Lower Upper
278 100
139 13.7 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations

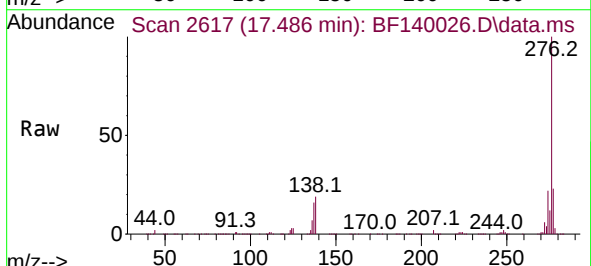
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 43.007 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140026.D
Acq: 25 Oct 2024 09:48



Tgt Ion:276 Resp: 427584
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 18.6 17.4 26.0

