

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139468.D
 Acq On : 19 Sep 2024 17:19
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 17:41:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70449	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	249250	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	134416	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	256666	20.000	ng	0.00
76) Chrysene-d12	14.033	240	130668	20.000	ng	0.00
86) Perylene-d12	15.504	264	130863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	323498	74.911	ng	0.00
7) Phenol-d6	6.510	99	422786	74.588	ng	0.00
23) Nitrobenzene-d5	7.445	82	396430	74.771	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	101218	70.731	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	693291	72.339	ng	0.00
79) Terphenyl-d14	12.980	244	666185	83.683	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	68852	39.740	ng	95
3) Pyridine	3.381	79	165072	43.213	ng	97
4) n-Nitrosodimethylamine	3.340	42	117209	35.400	ng	89
6) Aniline	6.540	93	183034	42.789	ng	96
8) 2-Chlorophenol	6.663	128	168423	37.888	ng	99
9) Benzaldehyde	6.428	77	118960	36.325	ng	98
10) Phenol	6.522	94	220996	38.281	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	158187	36.051	ng	99
12) 1,3-Dichlorobenzene	6.822	146	187826	37.153	ng	98
13) 1,4-Dichlorobenzene	6.898	146	193083	37.794	ng	99
14) 1,2-Dichlorobenzene	7.051	146	180186	37.326	ng	99
15) Benzyl Alcohol	7.016	79	162414	35.914	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	271975	40.220	ng	100
17) 2-Methylphenol	7.128	107	134011	37.944	ng	97
18) Hexachloroethane	7.392	117	71079	36.528	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	122525	36.477	ng	100
20) 3+4-Methylphenols	7.281	107	175066	36.332	ng	97
22) Acetophenone	7.287	105	233969	35.906	ng	99
24) Nitrobenzene	7.463	77	206287	37.804	ng	98
25) Isophorone	7.698	82	314175	37.469	ng	99
26) 2-Nitrophenol	7.775	139	86369	40.626	ng	93
27) 2,4-Dimethylphenol	7.810	122	107137m	38.205	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	185257	38.766	ng	99
29) 2,4-Dichlorophenol	8.016	162	134412	37.729	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	155644	37.496	ng	99
31) Naphthalene	8.181	128	496623	38.166	ng	100
32) Benzoic acid	7.916	122	100119m	38.150	ng	
33) 4-Chloroaniline	8.234	127	150085	37.702	ng	97
34) Hexachlorobutadiene	8.298	225	100248	35.548	ng	99
35) Caprolactam	8.598	113	44162	40.298	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	151197	37.136	ng	96
37) 2-Methylnaphthalene	8.875	142	310342	37.575	ng	99
38) 1-Methylnaphthalene	8.975	142	301437	37.174	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150411	37.757	ng	99
41) Hexachlorocyclopentadiene	9.022	237	48455	34.836	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	97768	37.723	ng	99

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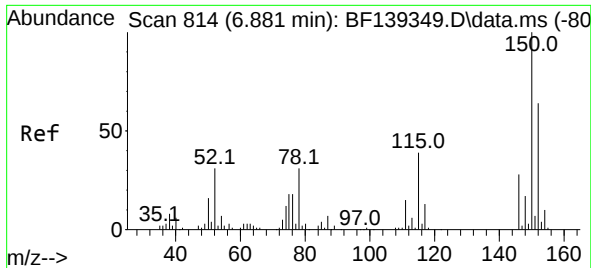
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	105325	38.526	ng	99
46) 1,1'-Biphenyl	9.333	154	391497	37.859	ng	99
47) 2-Chloronaphthalene	9.363	162	292951	37.888	ng	99
48) 2-Nitroaniline	9.457	65	110051	38.267	ng	99
49) Acenaphthylene	9.775	152	447342	38.435	ng	99
50) Dimethylphthalate	9.633	163	330365	37.447	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76969	39.382	ng	95
52) Acenaphthene	9.945	154	302408	37.228	ng	99
53) 3-Nitroaniline	9.869	138	82265	42.118	ng	88
54) 2,4-Dinitrophenol	9.969	184	39809	36.554	ng	95
55) Dibenzofuran	10.122	168	427160	37.728	ng	96
56) 4-Nitrophenol	10.022	139	60541	37.459	ng	# 82
57) 2,4-Dinitrotoluene	10.098	165	104235	39.504	ng	97
58) Fluorene	10.463	166	346147	37.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	82892	36.653	ng	99
60) Diethylphthalate	10.333	149	333754	36.659	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	163408	36.398	ng	96
62) 4-Nitroaniline	10.475	138	82531	38.716	ng	88
63) Azobenzene	10.610	77	334119	37.313	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	56312	41.570	ng	95
66) n-Nitrosodiphenylamine	10.569	169	285219	38.009	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	95229	37.440	ng	96
68) Hexachlorobenzene	11.004	284	109184	36.576	ng	99
69) Atrazine	11.092	200	61338	34.335	ng	97
70) Pentachlorophenol	11.198	266	66998	37.404	ng	97
71) Phenanthrene	11.422	178	469140	37.886	ng	99
72) Anthracene	11.474	178	462152	38.172	ng	99
73) Carbazole	11.627	167	448869	38.736	ng	99
74) Di-n-butylphthalate	11.957	149	484155	37.507	ng	100
75) Fluoranthene	12.610	202	508429	38.447	ng	99
77) Benzidine	12.733	184	104748	55.952	ng	99
78) Pyrene	12.839	202	514572	45.864	ng	100
80) Butylbenzylphthalate	13.451	149	157826	41.327	ng	99
81) Benzo(a)anthracene	14.021	228	324244	37.461	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	94960	37.463	ng	99
83) Chrysene	14.063	228	305611	38.379	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	181970	37.456	ng	99
85) Di-n-octyl phthalate	14.621	149	241988	33.822	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	332904	42.782	ng	97
88) Benzo(b)fluoranthene	15.074	252	292286	36.215	ng	99
89) Benzo(k)fluoranthene	15.104	252	265014	35.613	ng	99
90) Benzo(a)pyrene	15.439	252	250680	37.451	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	268828	41.808	ng	98
92) Benzo(g,h,i)perylene	17.421	276	286406	44.986	ng	97

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



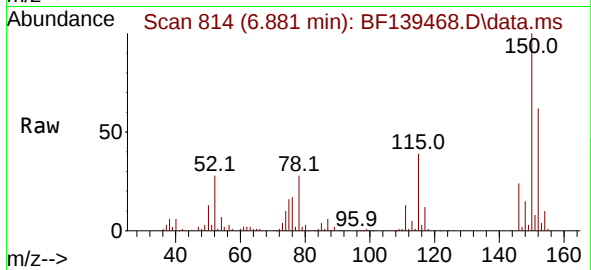
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139468.D
 Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

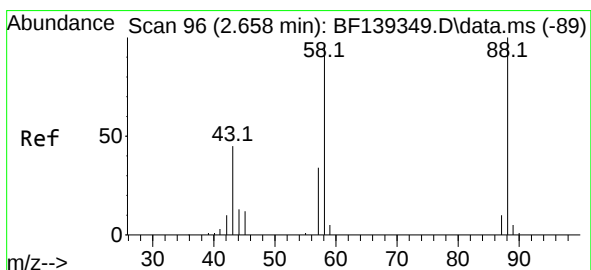
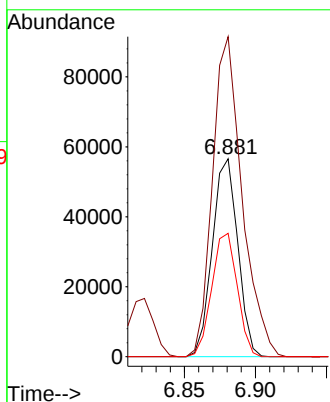
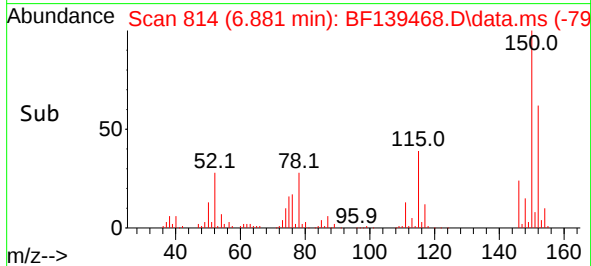


Tgt Ion:152 Resp: 70449
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.1 186.1
 115 62.3 48.1 72.1

Manual Integrations

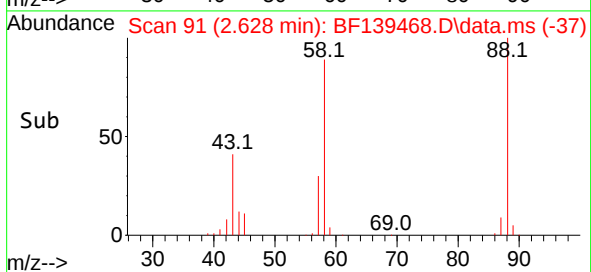
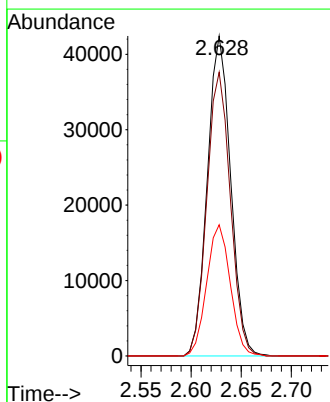
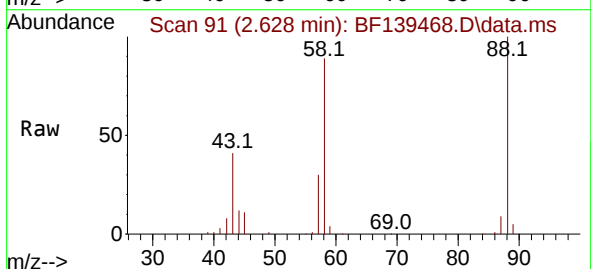
APPROVED

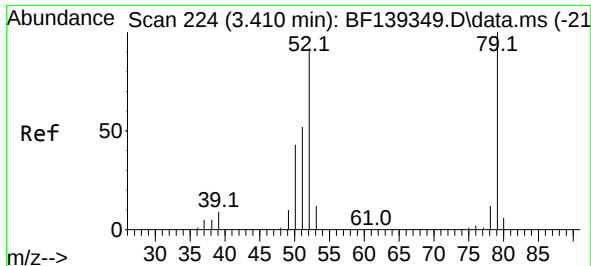
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024



#2
 1,4-Dioxane
 Concen: 39.740 ng
 RT: 2.628 min Scan# 91
 Delta R.T. -0.030 min
 Lab File: BF139468.D
 Acq: 19 Sep 2024 17:19

Tgt Ion: 88 Resp: 68852
 Ion Ratio Lower Upper
 88 100
 58 89.2 74.8 112.2
 43 41.4 36.4 54.6





#3

Pyridine

Concen: 43.213 ng

RT: 3.381 min Scan# 211

Delta R.T. -0.030 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 165072

Ion Ratio Lower Upper

79 100

52 96.3 73.8 110.8

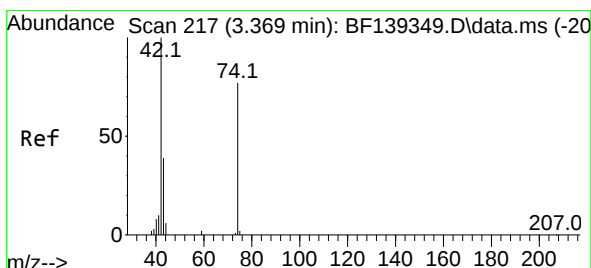
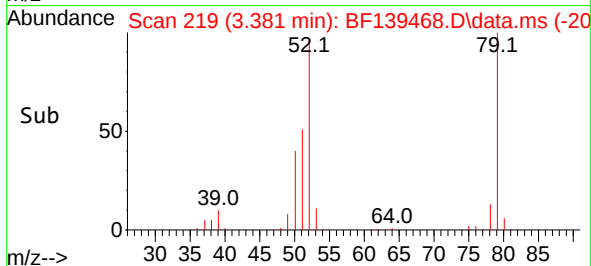
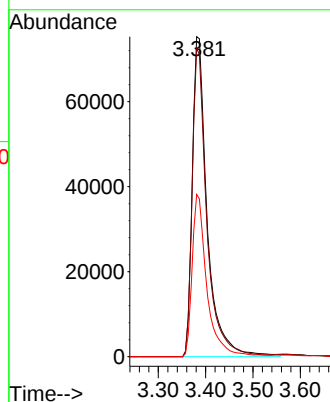
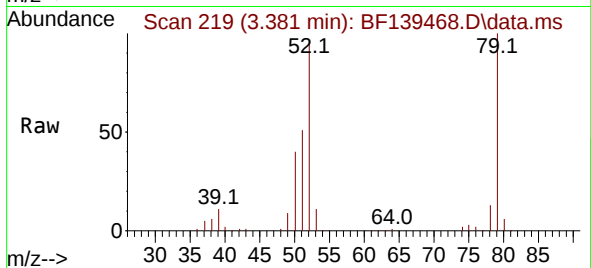
51 50.7 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 35.400 ng

RT: 3.340 min Scan# 212

Delta R.T. -0.030 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

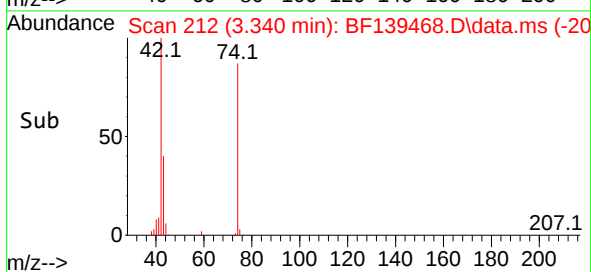
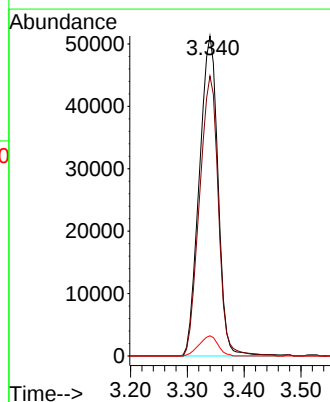
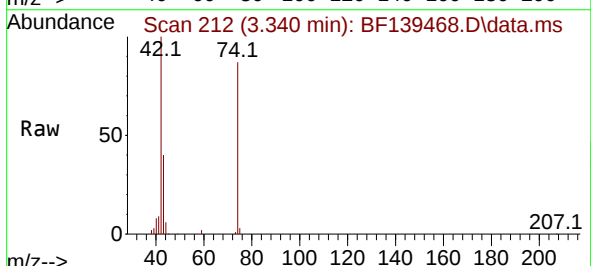
Tgt Ion: 42 Resp: 117209

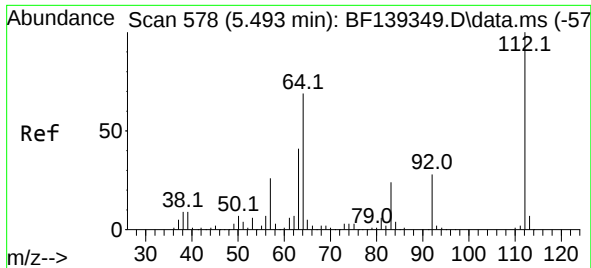
Ion Ratio Lower Upper

42 100

74 87.5 61.8 92.8

44 6.3 4.8 7.2





#5
2-Fluorophenol
Concen: 74.911 ng
RT: 5.493 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

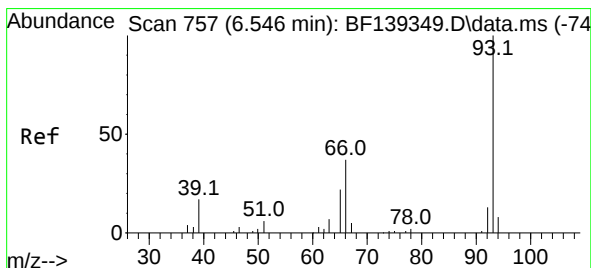
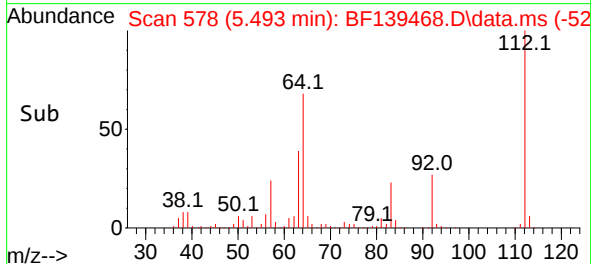
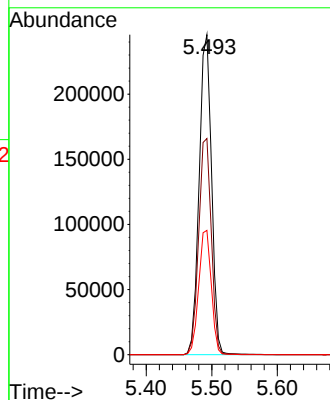
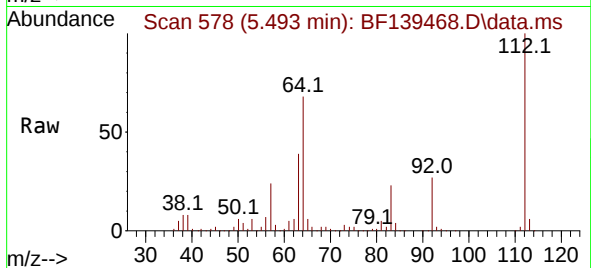
SSTDCCC040

Tgt Ion:112 Resp: 323498
Ion Ratio Lower Upper
112 100
64 67.6 54.8 82.2
63 38.9 33.0 49.4

Manual Integrations

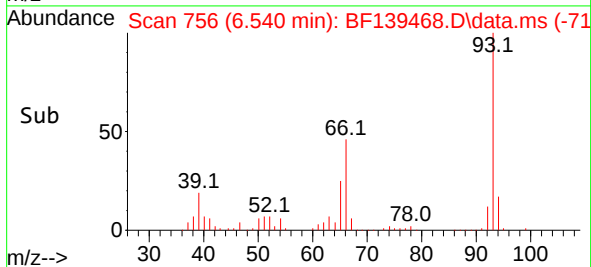
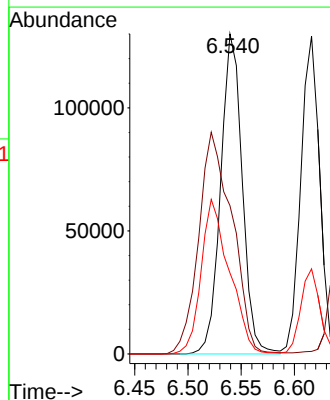
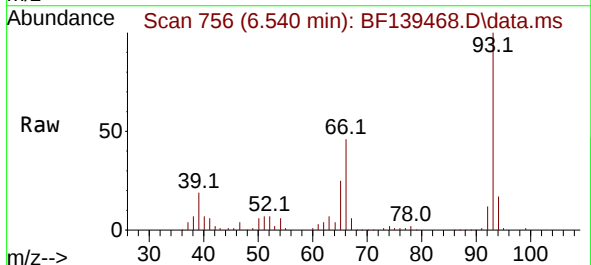
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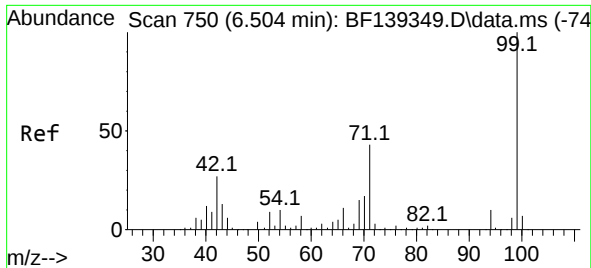
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 42.789 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

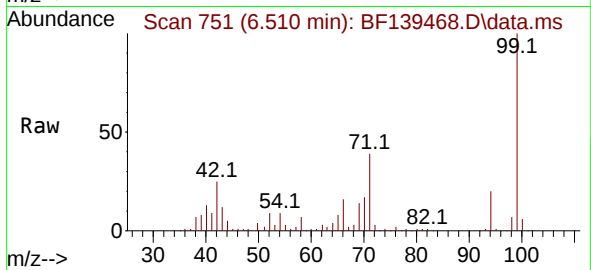
Tgt Ion: 93 Resp: 183034
Ion Ratio Lower Upper
93 100
66 46.4 35.4 53.0
65 25.3 18.2 27.4





#7
Phenol-d6
Concen: 74.588 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

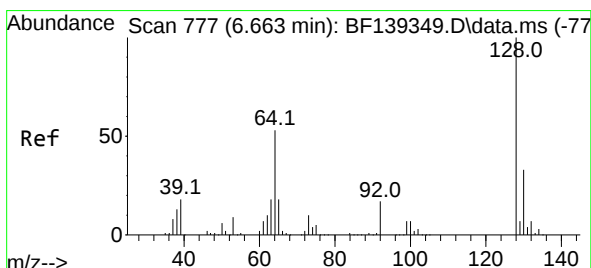
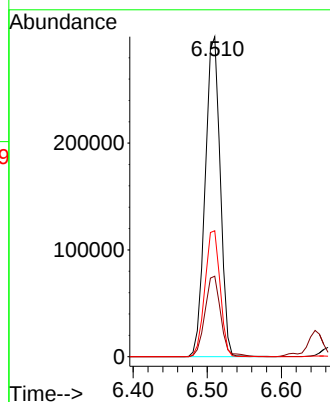
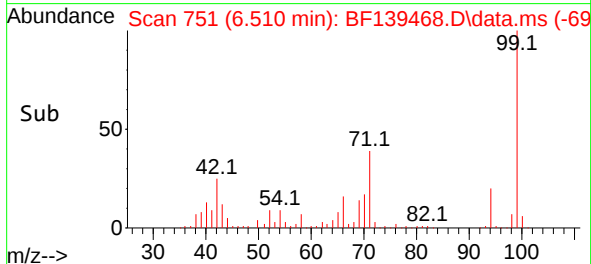
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Tgt Ion: 99 Resp: 422780
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 39.4 34.6 52.0

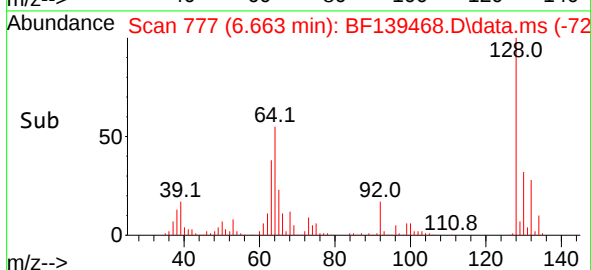
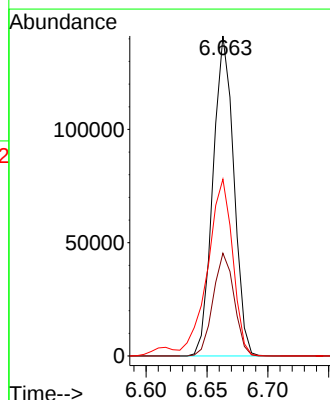
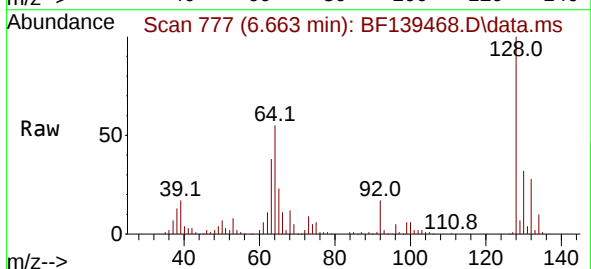
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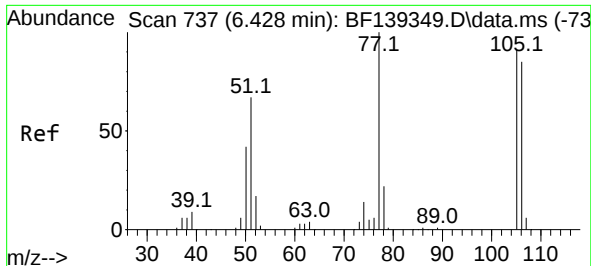
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#8
2-Chlorophenol
Concen: 37.888 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:128 Resp: 168423
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 55.3 35.1 75.1





#9

Benzaldehyde

Concen: 36.325 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139468.D

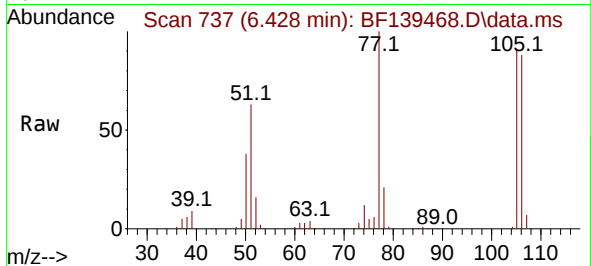
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Instrument :

BNA_F

ClientSampleId :

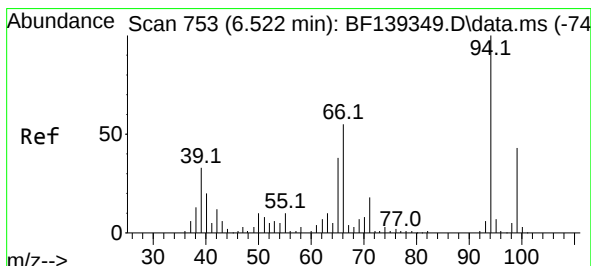
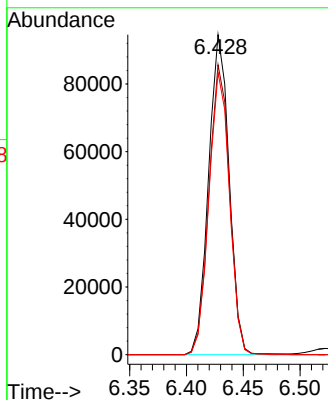
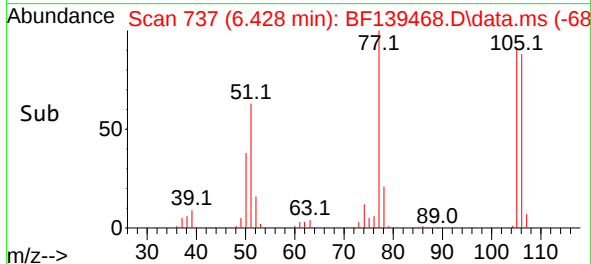
SSTDCCC040



Tgt Ion: 77	Resp: 118960
Ion Ratio	Lower Upper
77	100
105	90.6 71.0 111.0
106	88.1 64.9 104.9

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 38.281 ng

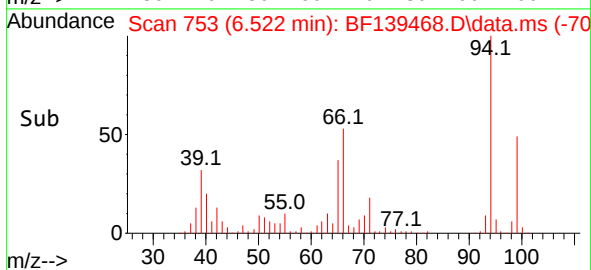
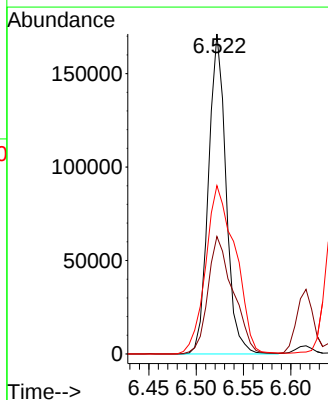
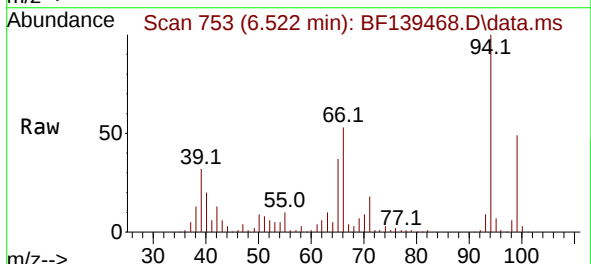
RT: 6.522 min Scan# 753

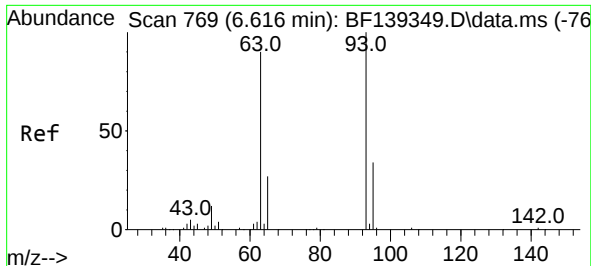
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion: 94	Resp: 220996
Ion Ratio	Lower Upper
94	100
65	36.7 17.6 57.6
66	52.6 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 36.051 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

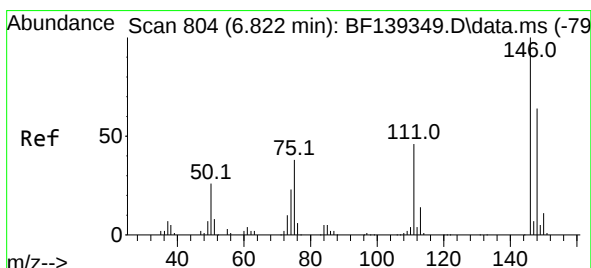
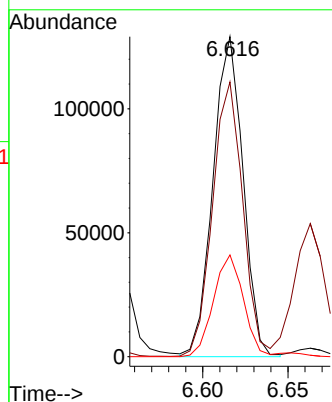
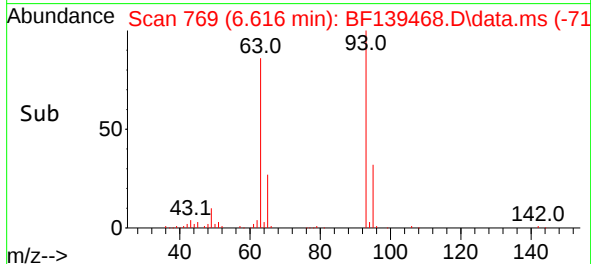
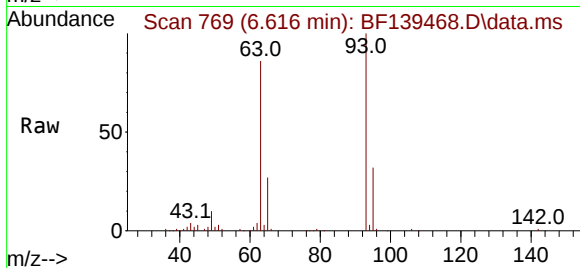
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 15818
Ion Ratio Lower Upper
93 100
63 85.9 65.3 105.3
95 31.8 12.4 52.4

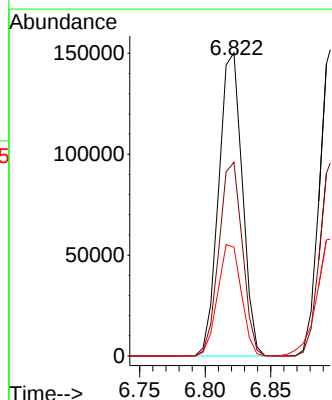
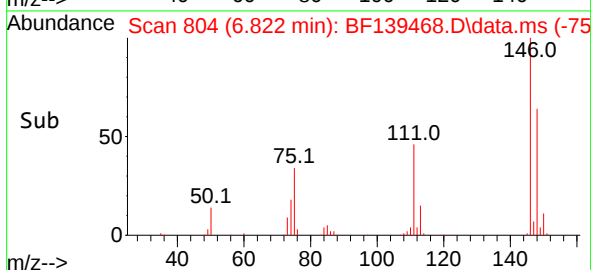
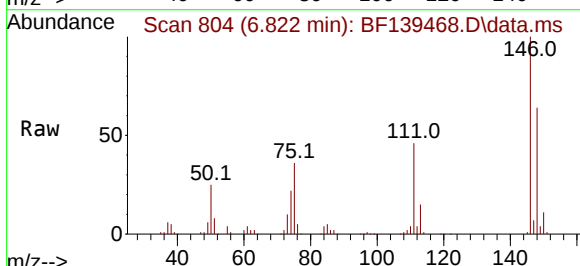
Manual Integrations
APPROVED

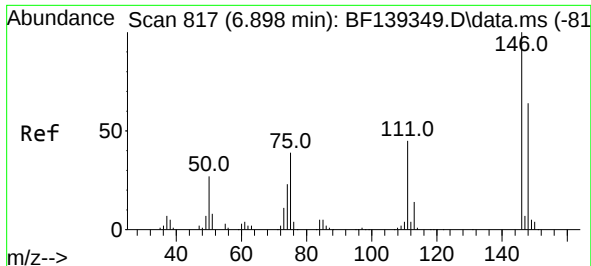
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 37.153 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:146 Resp: 187826
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 35.9 30.6 46.0





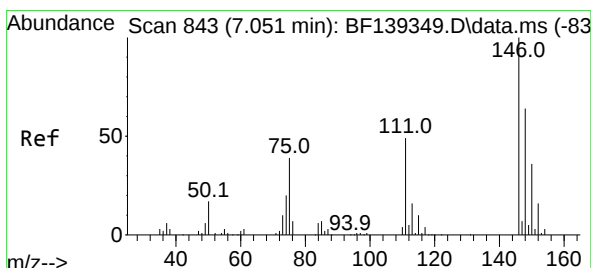
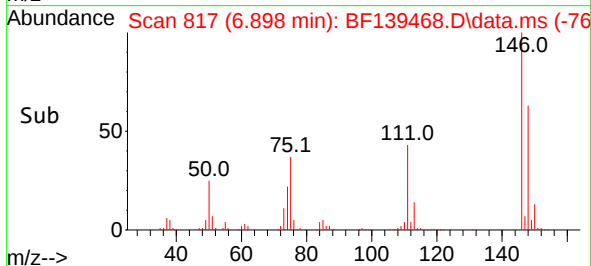
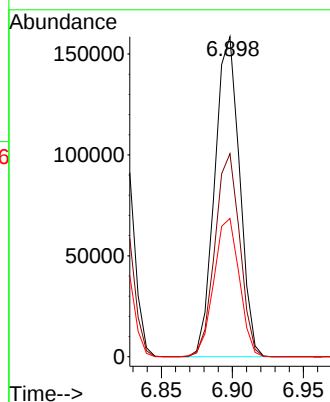
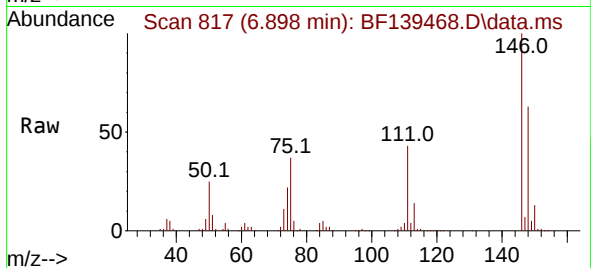
#13
1,4-Dichlorobenzene
Concen: 37.794 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 193083
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 43.2 36.3 54.5

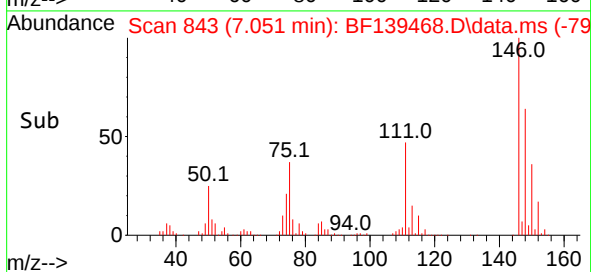
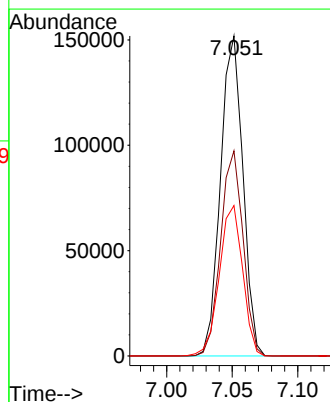
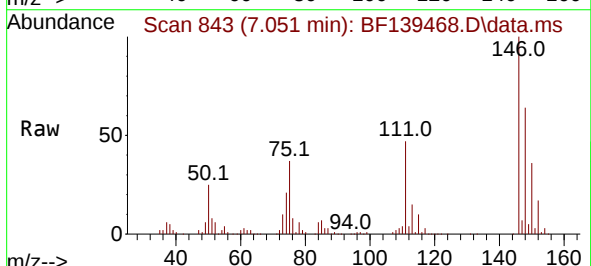
Manual Integrations
APPROVED

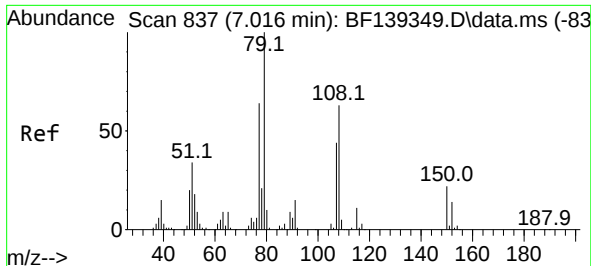
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 37.326 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

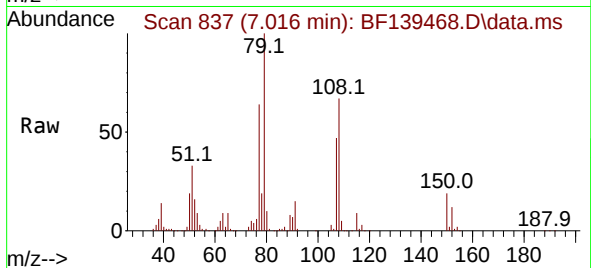
Tgt Ion:146 Resp: 180186
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
111 47.0 38.9 58.3





#15
Benzyl Alcohol
Concen: 35.914 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

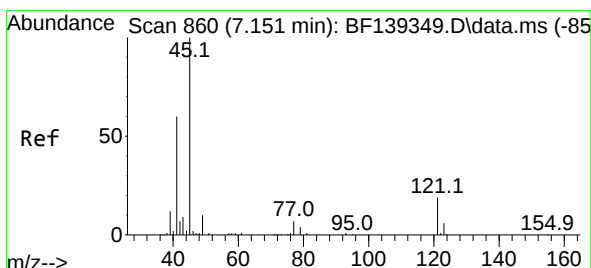
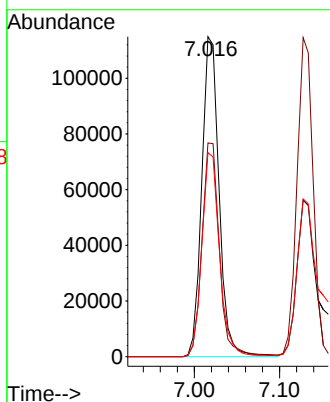
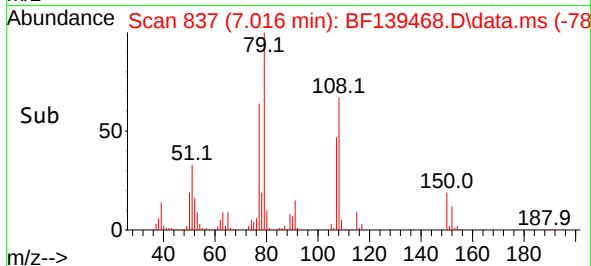
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 162414
Ion Ratio Lower Upper
79 100
108 66.8 50.4 75.6
77 63.7 51.4 77.2

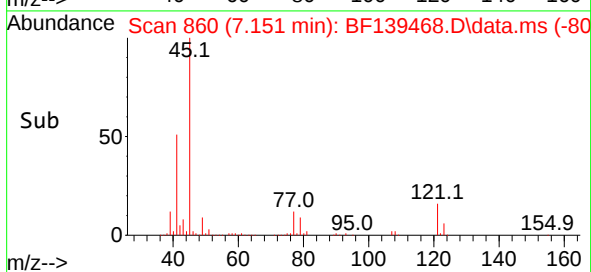
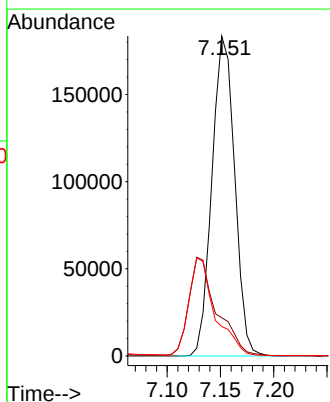
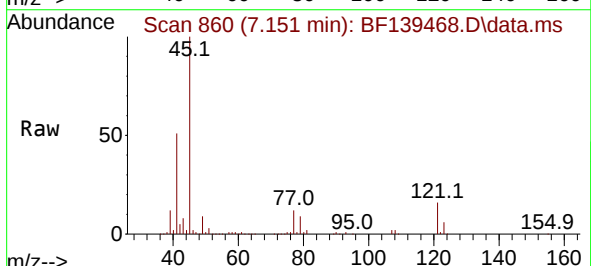
Manual Integrations
APPROVED

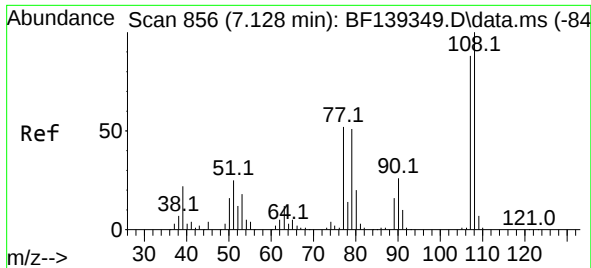
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.220 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion: 45 Resp: 271975
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.2 0.0 29.1





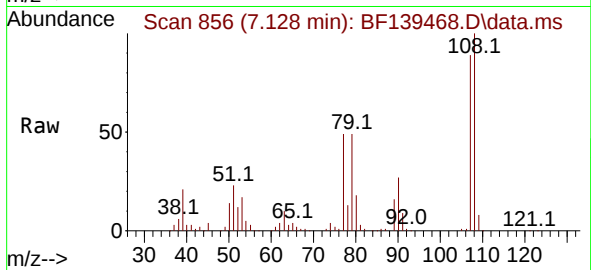
#17
2-Methylphenol
Concen: 37.944 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

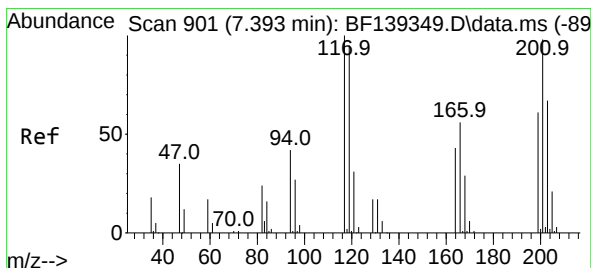
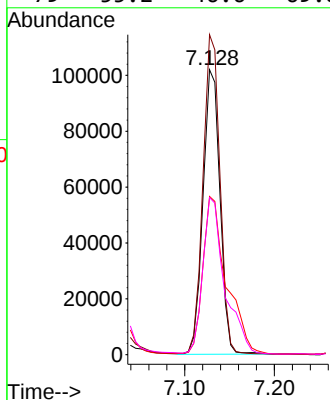
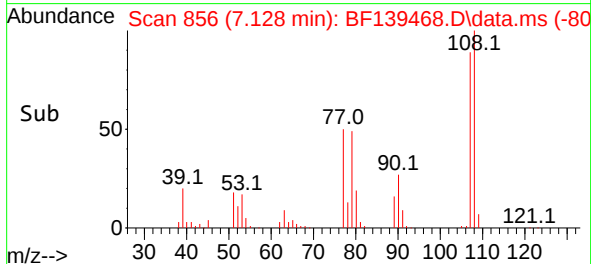


Tgt Ion:107 Resp: 13401
Ion Ratio Lower Upper
107 100
108 112.3 90.5 135.7
77 55.6 47.1 70.7
79 55.2 46.6 69.8

Manual Integrations

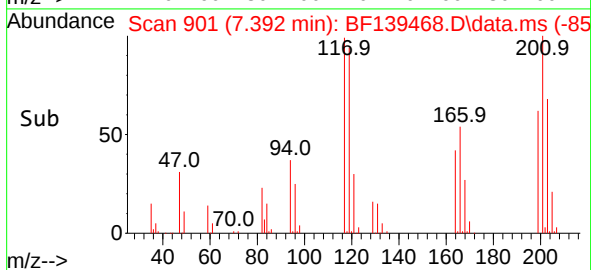
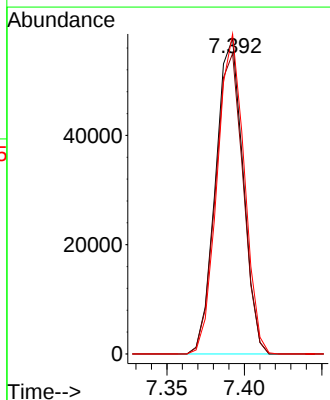
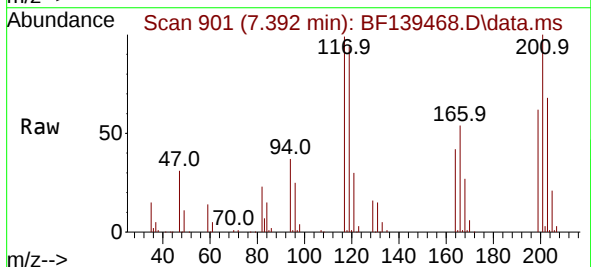
APPROVED

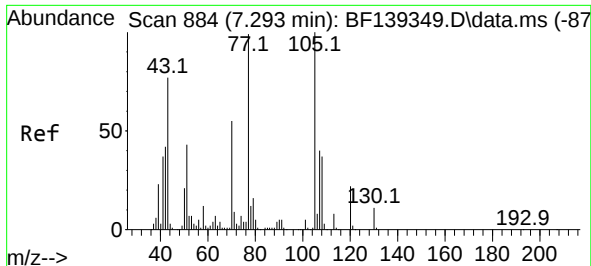
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 36.528 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:117 Resp: 71079
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 101.5 78.6 118.0





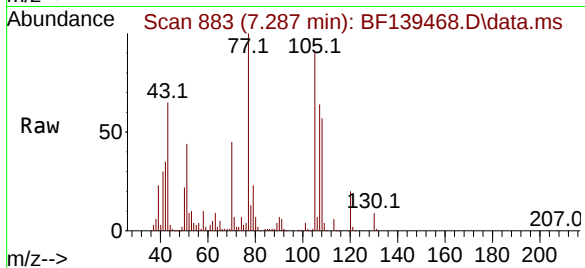
#19
n-Nitroso-di-n-propylamine
Concen: 36.477 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



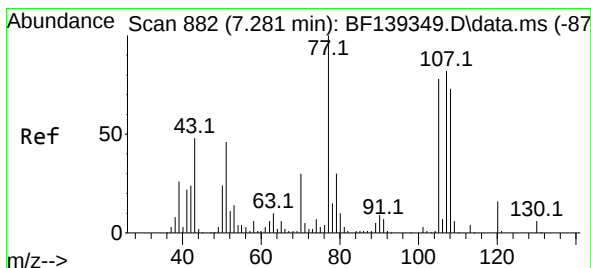
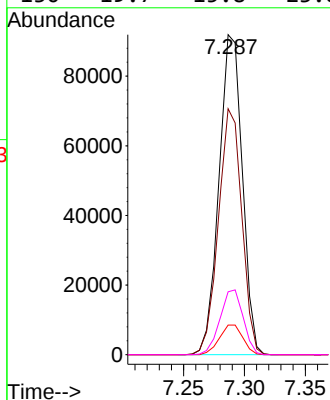
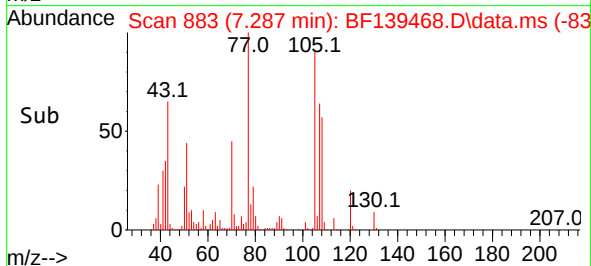
Tgt Ion: 70 Resp: 12252
Ion Ratio Lower Upper
70 100
42 76.9 61.2 91.8
101 9.2 7.5 11.3
130 19.7 15.8 23.8

Manual Integrations

APPROVED

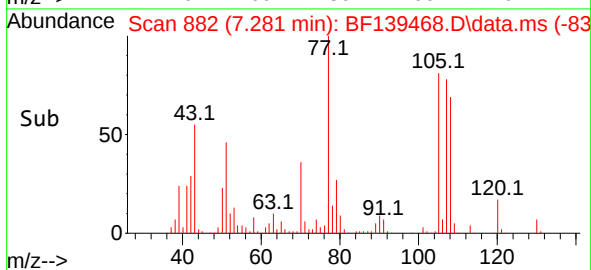
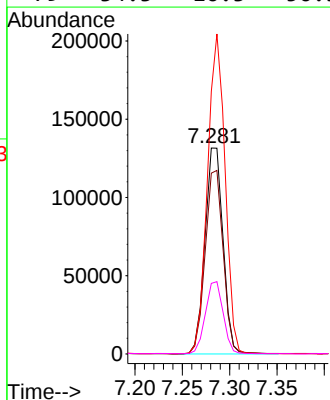
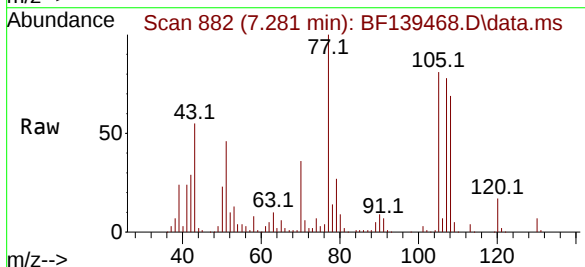
Reviewed By :Yogesh Patel 09/21/2024

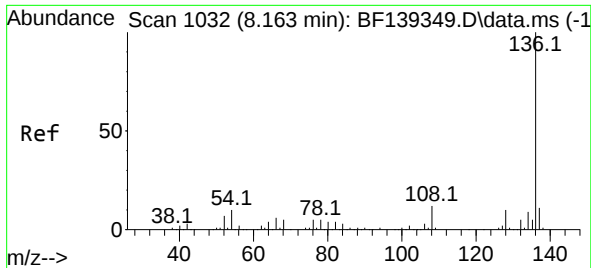
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 36.332 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:107 Resp: 175066
Ion Ratio Lower Upper
107 100
108 87.8 68.6 108.6
77 127.5 101.6 141.6
79 34.3 16.3 56.3





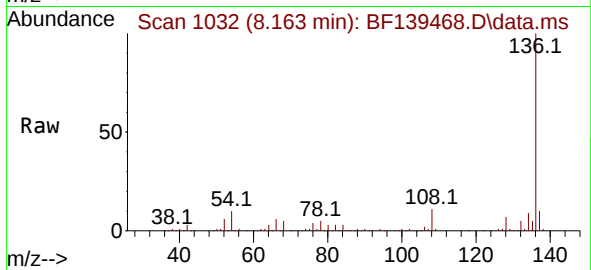
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



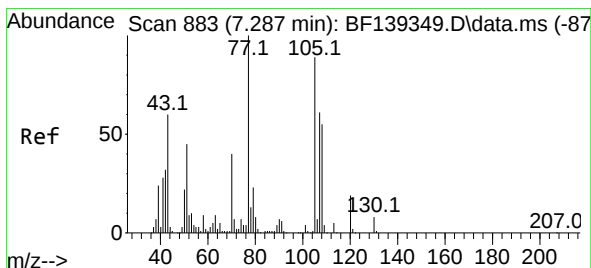
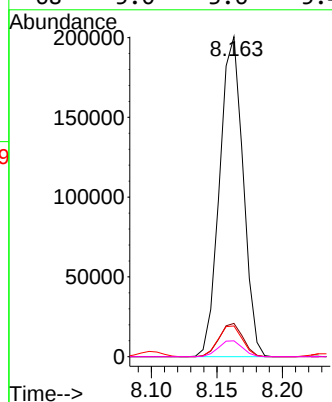
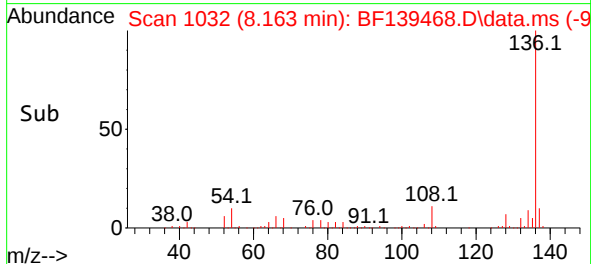
Tgt Ion:136 Resp: 249250
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.6 7.8 11.8
68 5.0 3.6 5.4

Manual Integrations

APPROVED

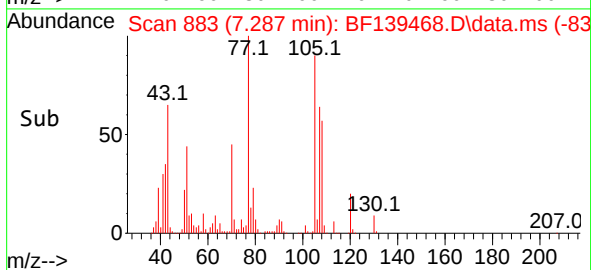
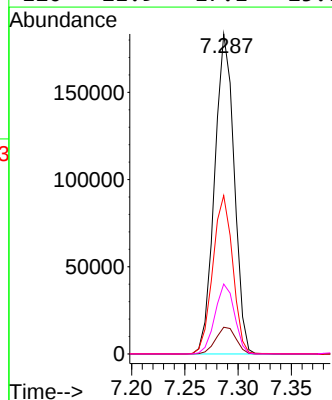
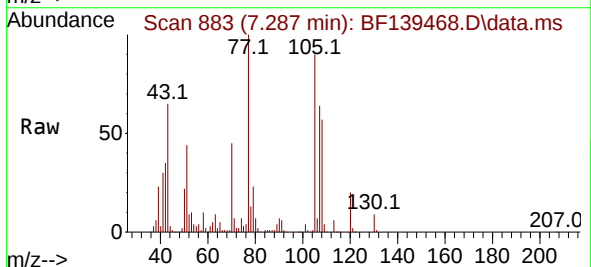
Reviewed By :Yogesh Patel 09/21/2024

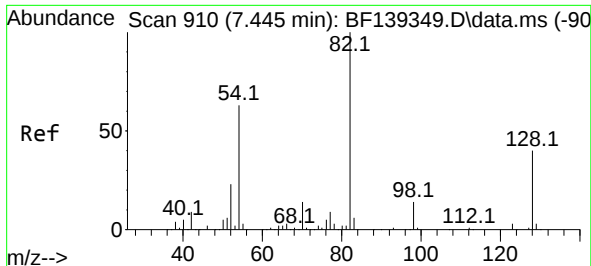
Supervised By :mohammad ahmed 09/22/2024



#22
Acetophenone
Concen: 35.906 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:105 Resp: 233969
Ion Ratio Lower Upper
105 100
71 8.4 5.9 8.9
51 49.5 40.0 60.0
120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 74.771 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 396430

Ion Ratio Lower Upper

82 100

128 41.4 31.8 47.6

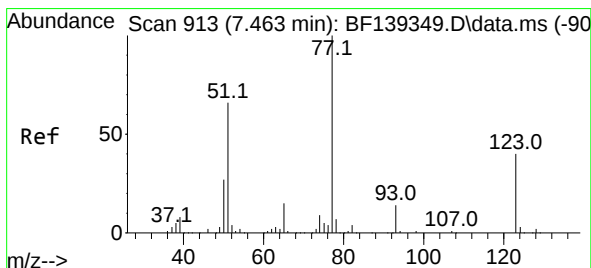
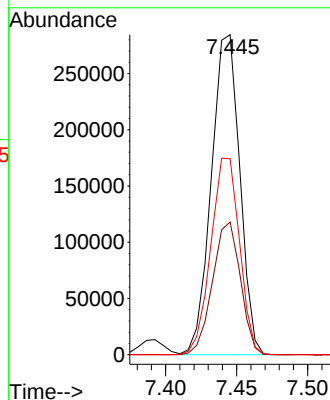
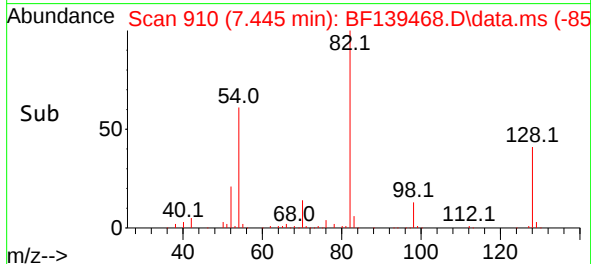
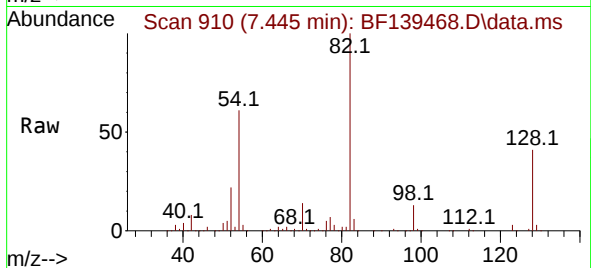
54 61.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 37.804 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

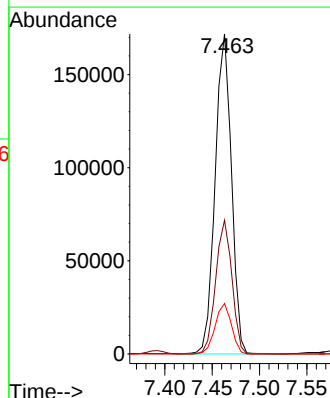
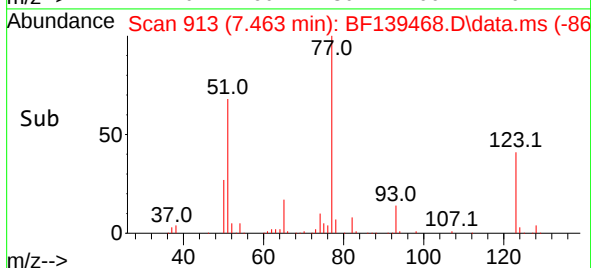
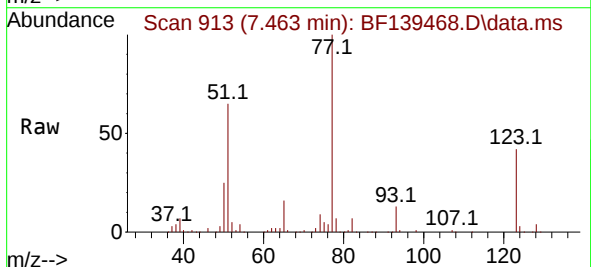
Tgt Ion: 77 Resp: 206287

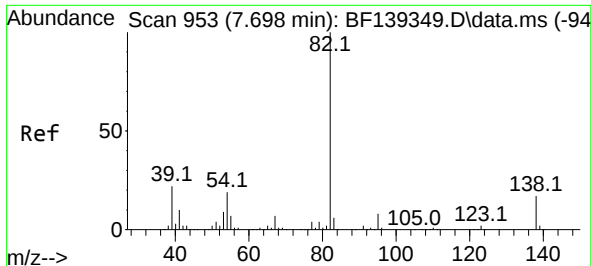
Ion Ratio Lower Upper

77 100

123 41.8 32.2 48.4

65 15.8 12.2 18.4





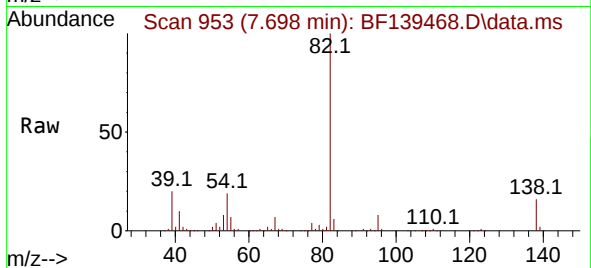
#25
Isophorone
Concen: 37.469 ng
RT: 7.698 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

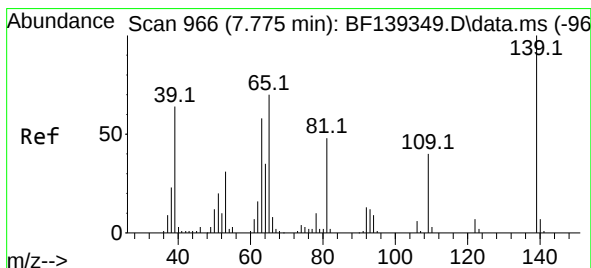
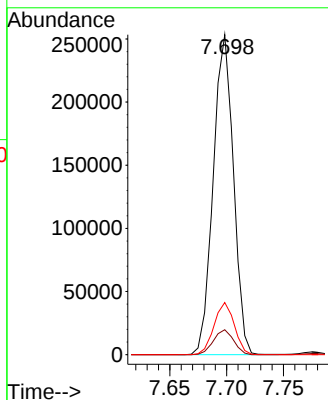
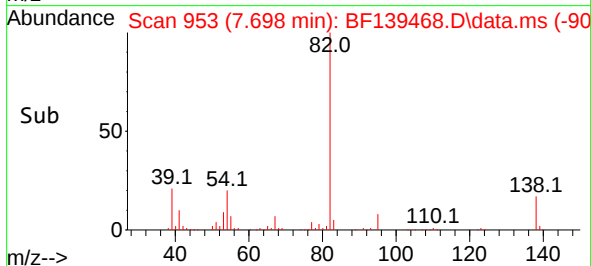


Tgt Ion: 82 Resp: 314175
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.3 13.3 19.9

Manual Integrations

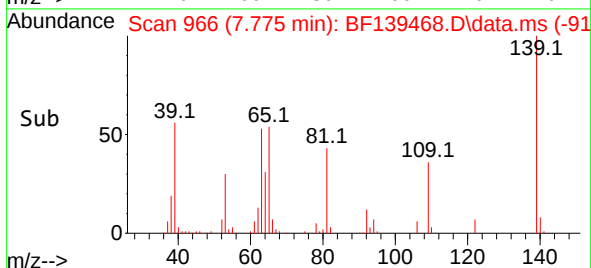
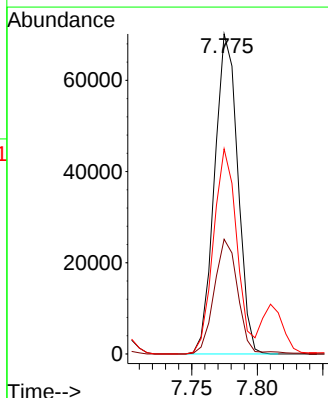
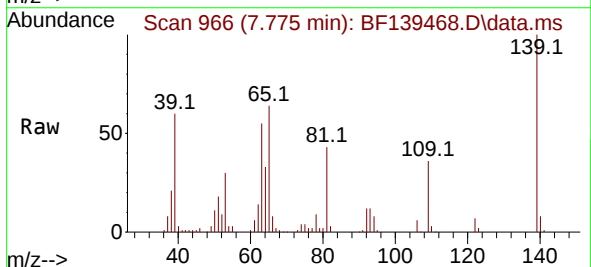
APPROVED

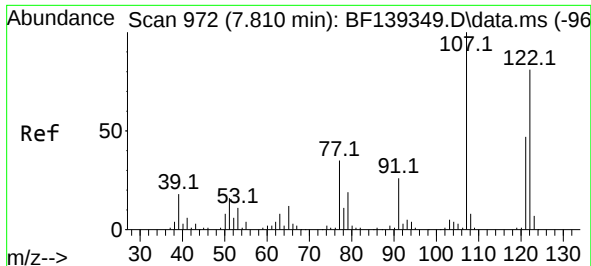
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 40.626 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:139 Resp: 86369
Ion Ratio Lower Upper
139 100
109 35.9 32.2 48.2
65 64.1 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 38.205 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 10713

Ion Ratio Lower Upper

122 100

107 120.5 99.1 148.7

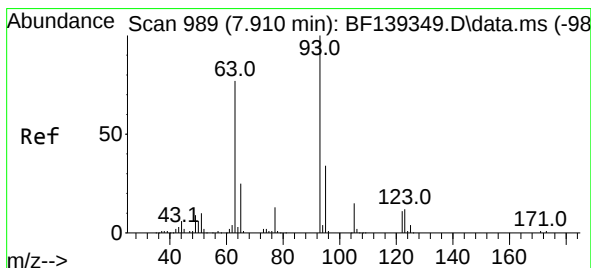
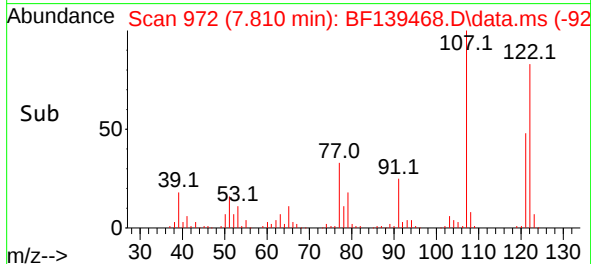
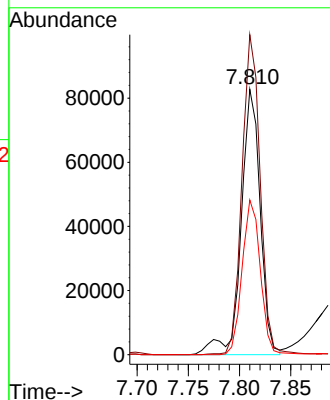
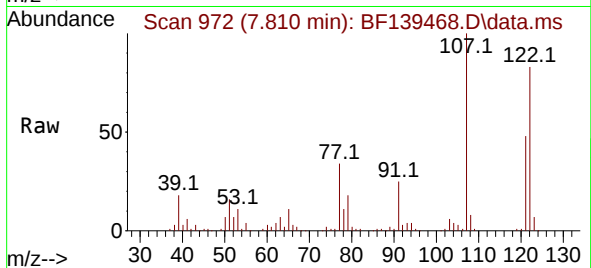
121 58.3 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.766 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

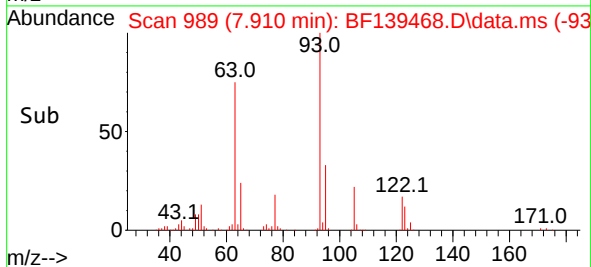
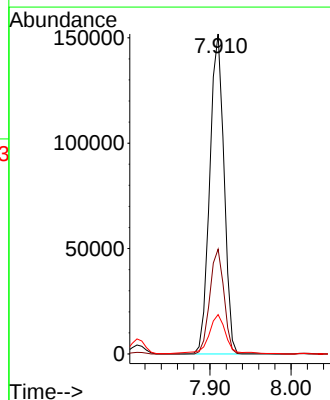
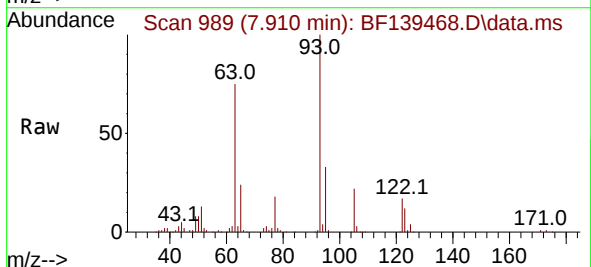
Tgt Ion: 93 Resp: 185257

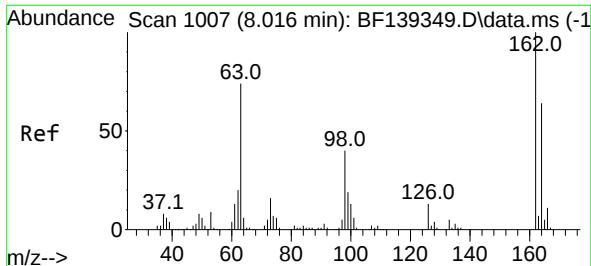
Ion Ratio Lower Upper

93 100

95 32.7 26.9 40.3

123 12.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 37.729 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139468.D

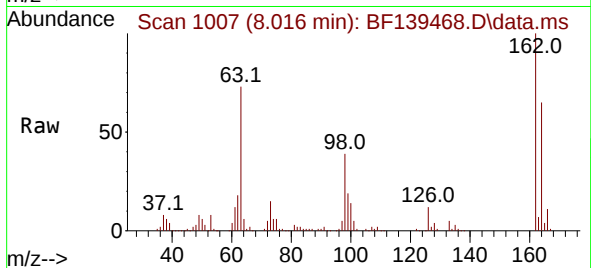
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 13441

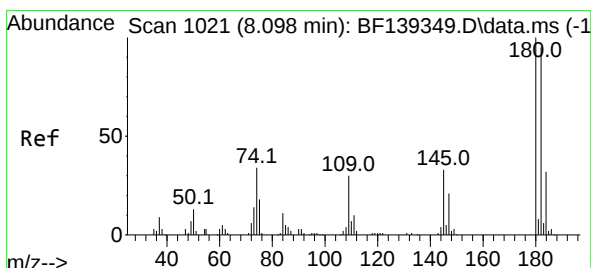
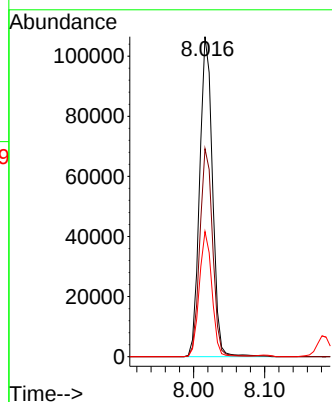
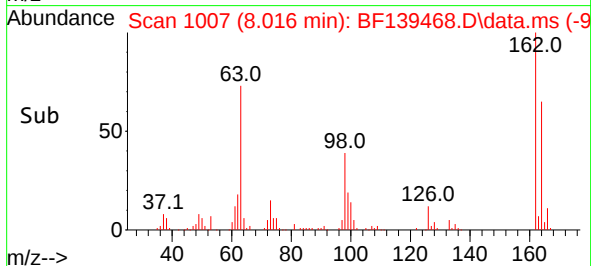
Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.6	83.6
98	39.1	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

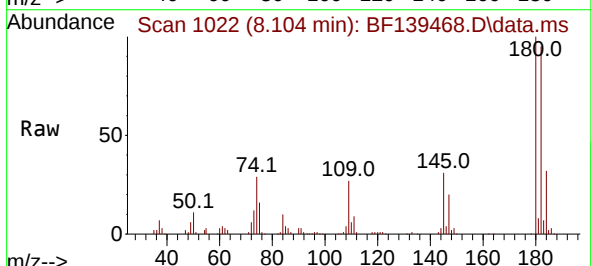
Concen: 37.496 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

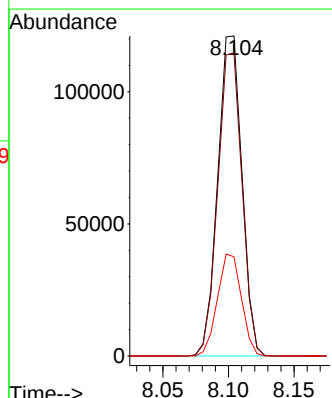
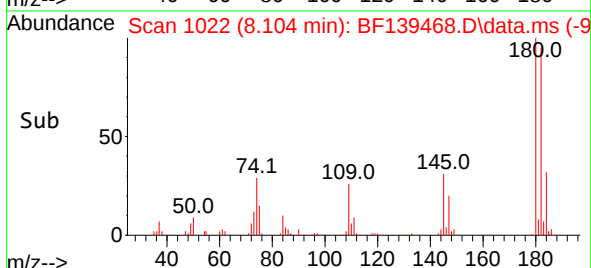
Lab File: BF139468.D

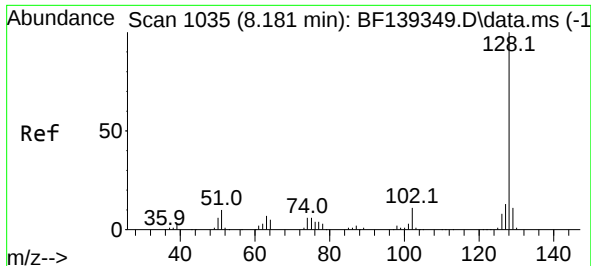
Acq: 19 Sep 2024 17:19



Tgt Ion:180 Resp: 155644

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.7	113.5
145	31.0	26.5	39.7





#31
Naphthalene
Concen: 38.166 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

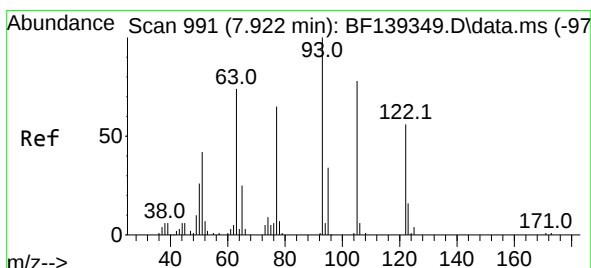
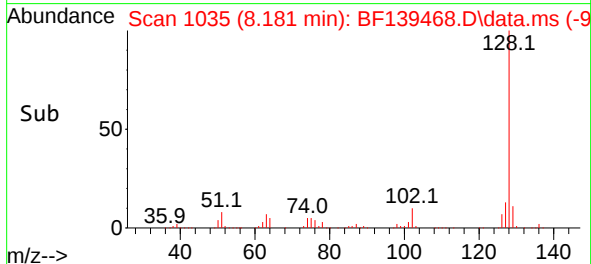
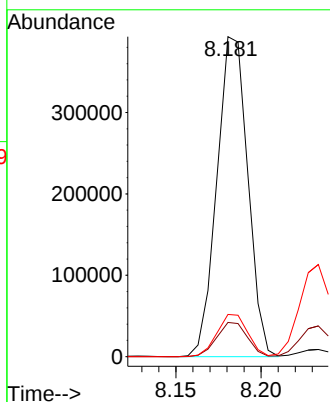
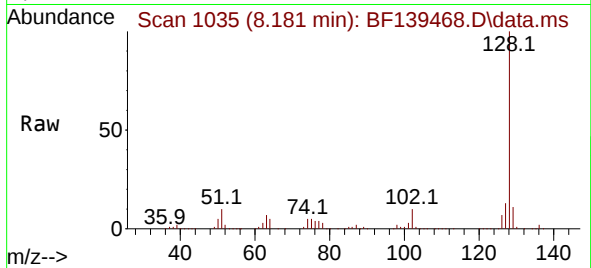
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 496623
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.6 16.0

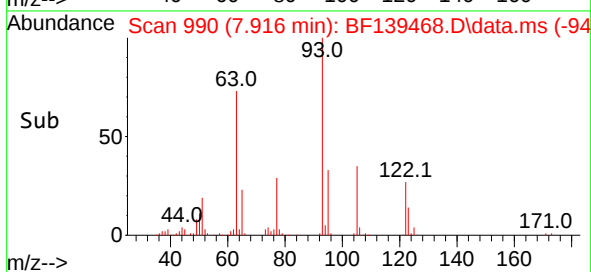
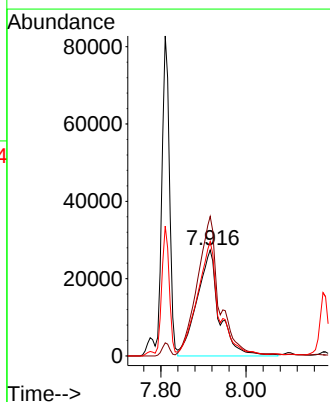
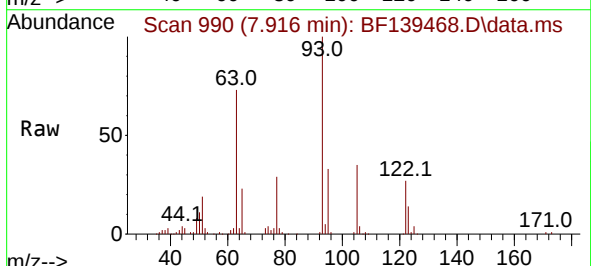
Manual Integrations
APPROVED

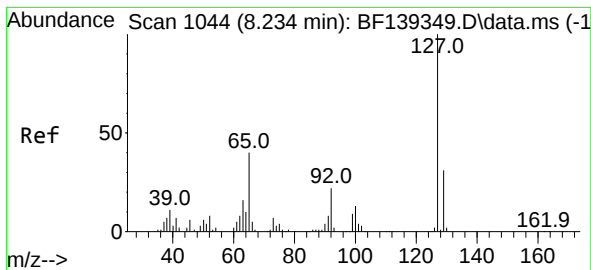
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 38.150 ng m
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:122 Resp: 100119
Ion Ratio Lower Upper
122 100
105 131.6 117.1 157.1
77 107.9 95.4 135.4





#33
4-Chloroaniline
Concen: 37.702 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

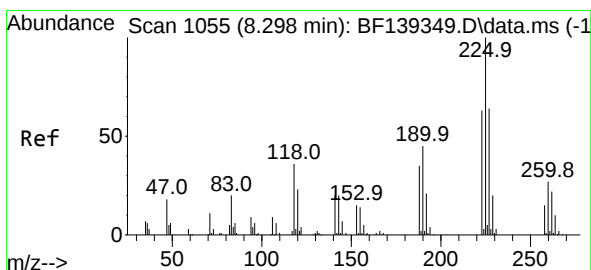
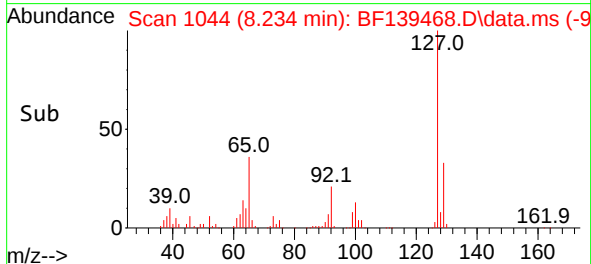
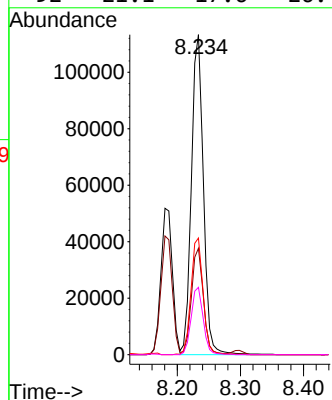
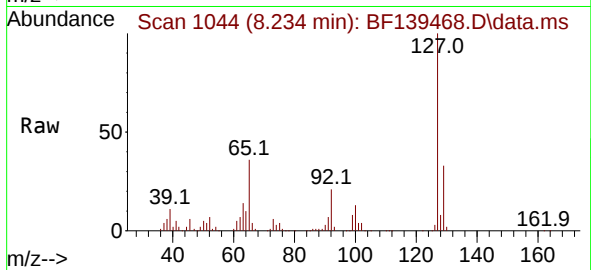
SSTDCCC040

Tgt Ion:127 Resp: 15008
Ion Ratio Lower Upper
127 100
129 33.3 25.5 38.3
65 36.4 31.5 47.3
92 21.1 17.6 26.4

Manual Integrations

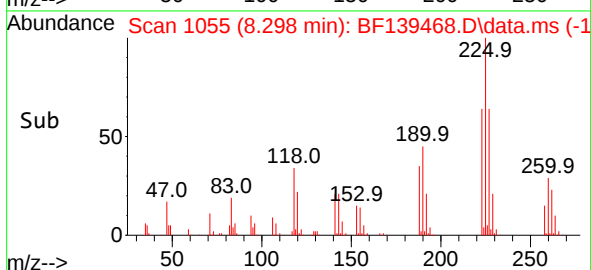
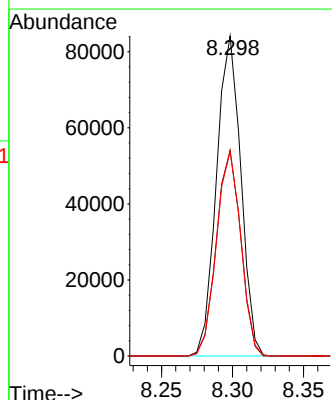
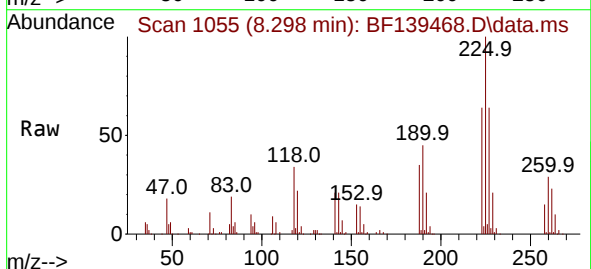
APPROVED

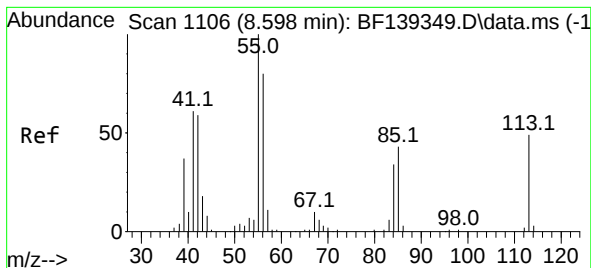
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#34
Hexachlorobutadiene
Concen: 35.548 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:225 Resp: 100248
Ion Ratio Lower Upper
225 100
223 64.3 50.1 75.1
227 63.9 51.0 76.6





#35

Caprolactam

Concen: 40.298 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 44162

Ion Ratio Lower Upper

113 100

55 200.0 186.1 226.1

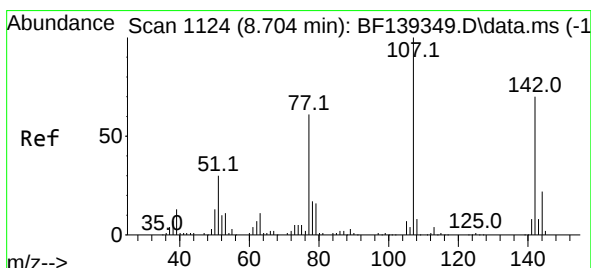
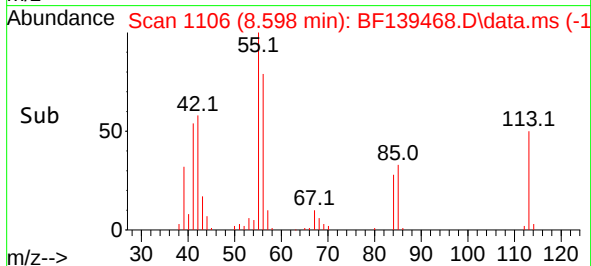
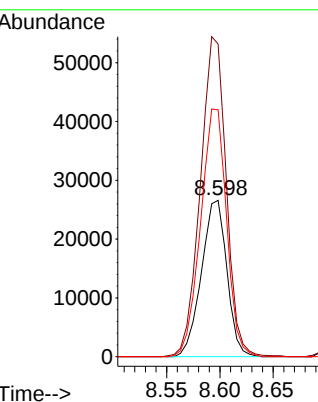
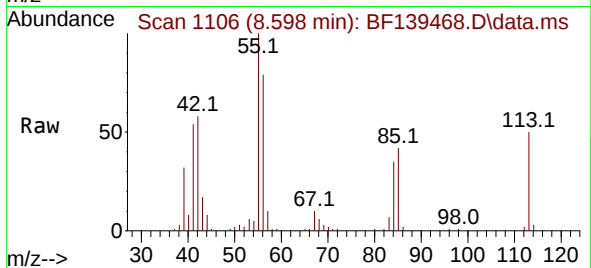
56 157.9 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#36

4-Chloro-3-methylphenol

Concen: 37.136 ng

RT: 8.710 min Scan# 1125

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

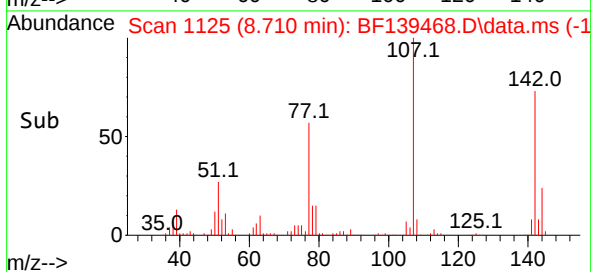
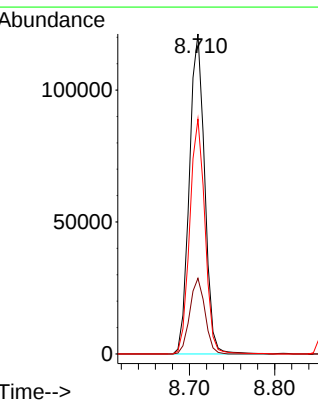
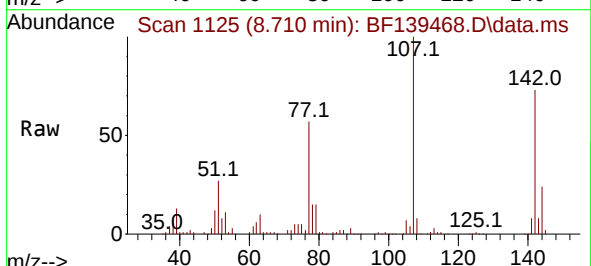
Tgt Ion:107 Resp: 151197

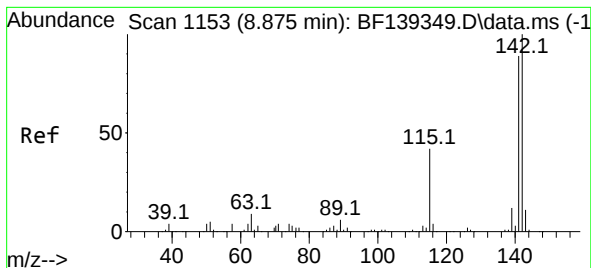
Ion Ratio Lower Upper

107 100

144 23.7 17.5 26.3

142 73.4 55.8 83.8





#37

2-Methylnaphthalene

Concen: 37.575 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 31034

Ion Ratio Lower Upper

142 100

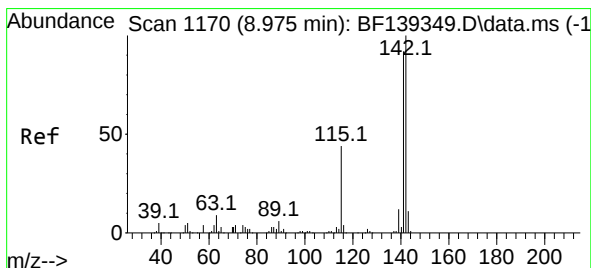
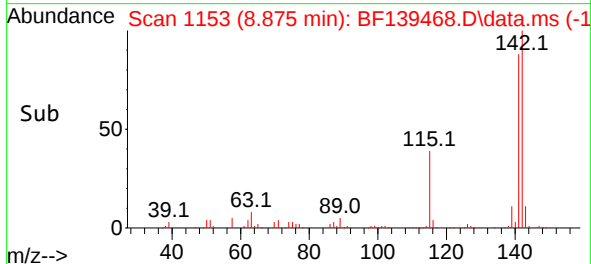
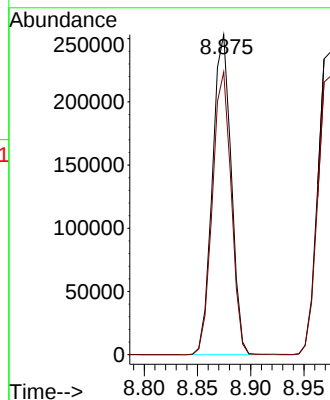
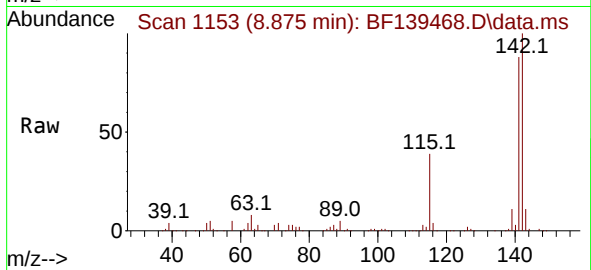
141 88.3 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 37.174 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139468.D

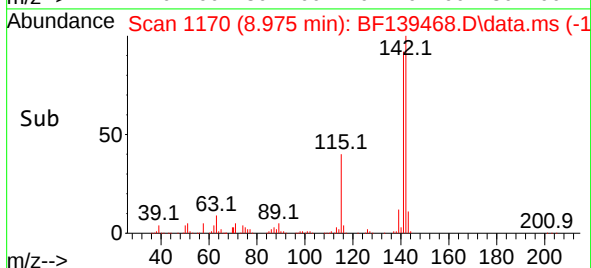
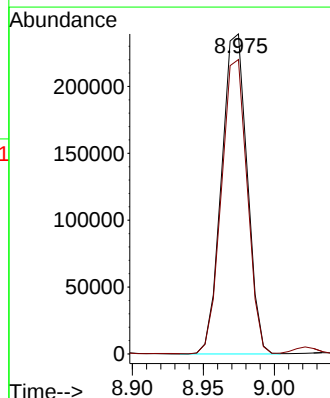
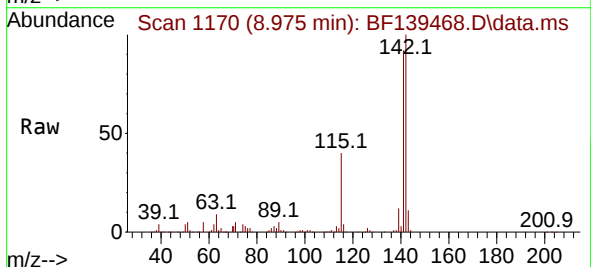
Acq: 19 Sep 2024 17:19

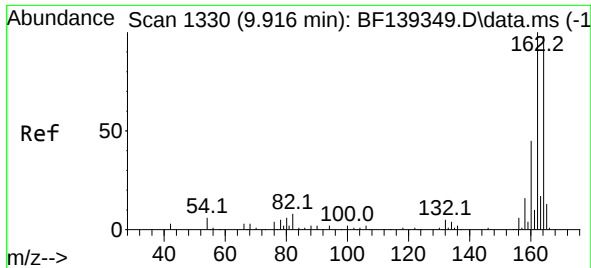
Tgt Ion:142 Resp: 301437

Ion Ratio Lower Upper

142 100

141 92.0 73.2 109.8





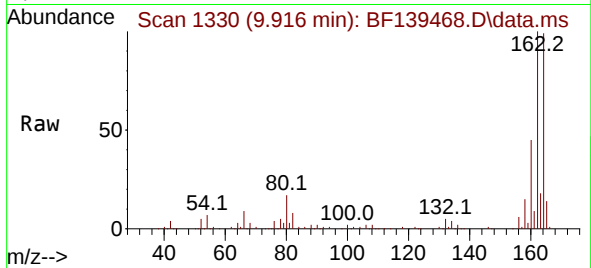
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



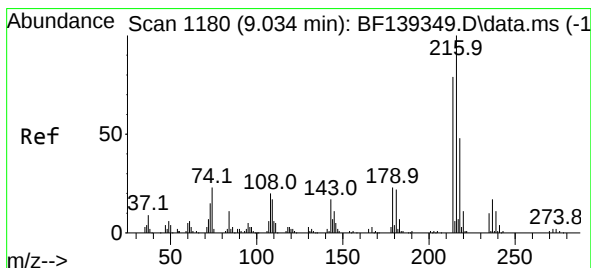
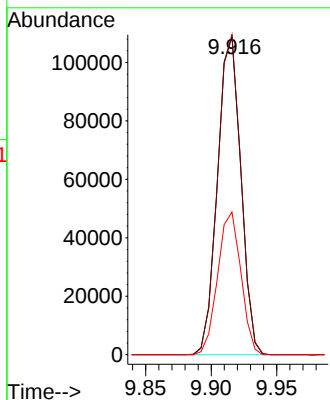
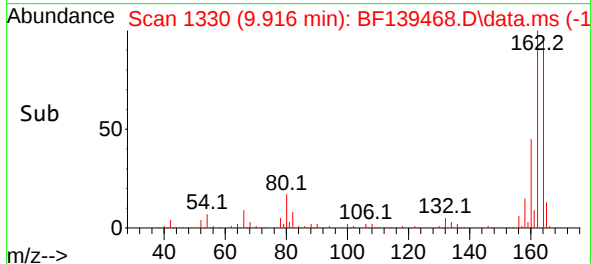
Tgt Ion:164 Resp: 134410
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 44.9 36.4 54.6

Manual Integrations

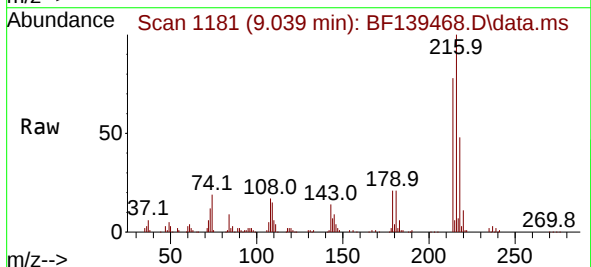
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

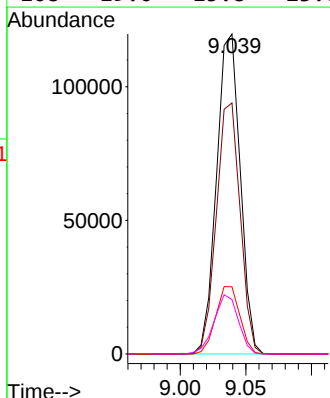
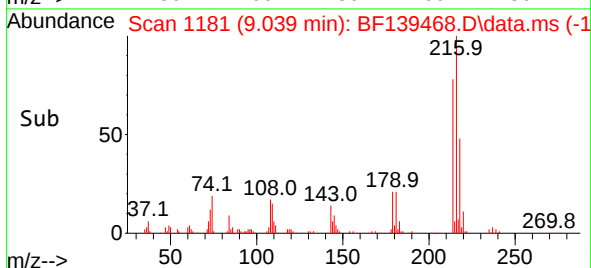
Supervised By :mohammad ahmed 09/22/2024

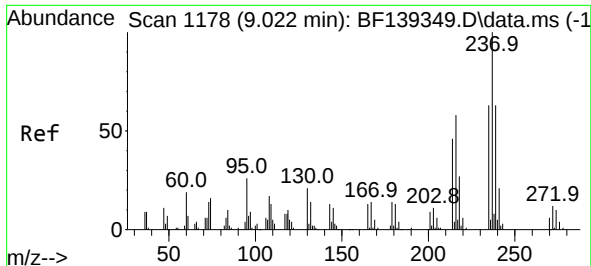


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.757 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



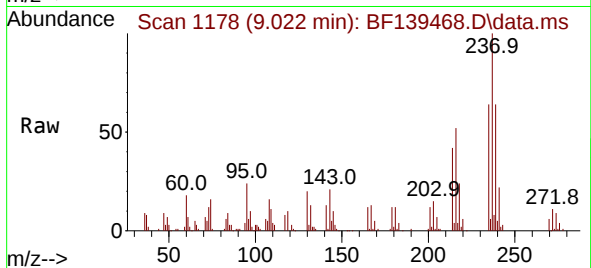
Tgt Ion:216 Resp: 150411
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 21.4 18.2 27.2
108 19.0 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 34.836 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

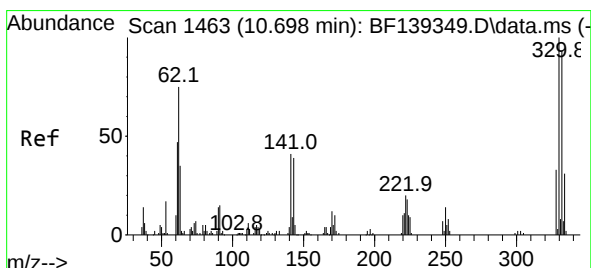
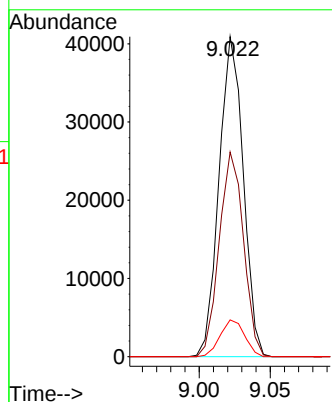
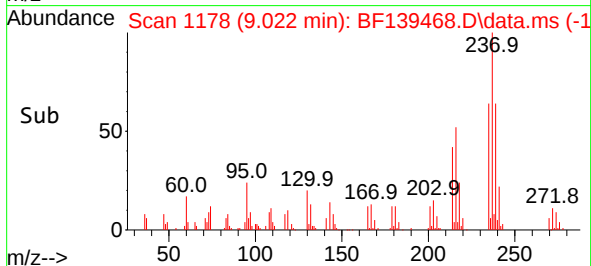
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



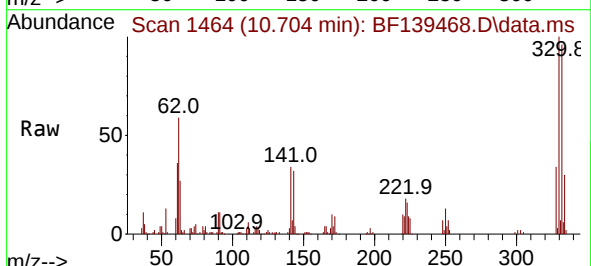
Tgt Ion: 237 Resp: 4845
Ion Ratio Lower Upper
237 100
235 63.9 42.7 82.7
272 11.5 0.0 32.5

Manual Integrations
APPROVED

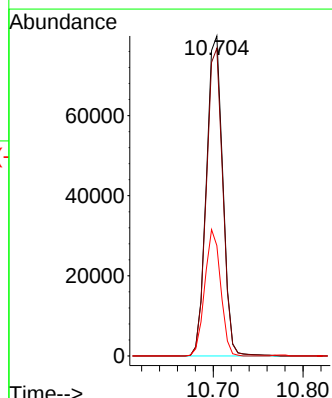
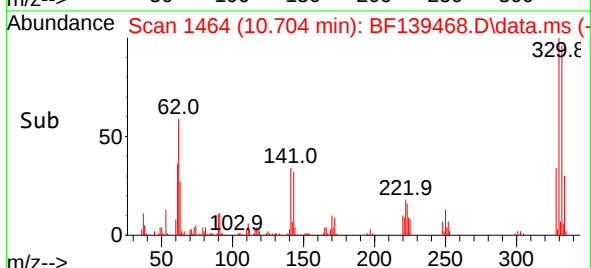
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024

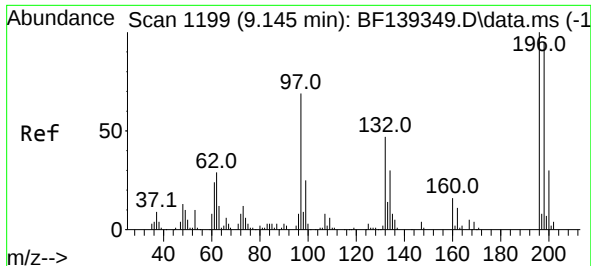


#42
2,4,6-Tribromophenol
Concen: 70.731 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion: 330 Resp: 101218
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 38.2 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 37.723 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 97768

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

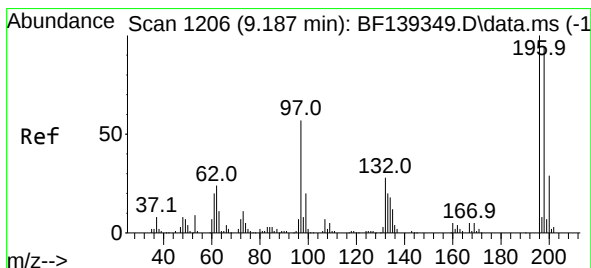
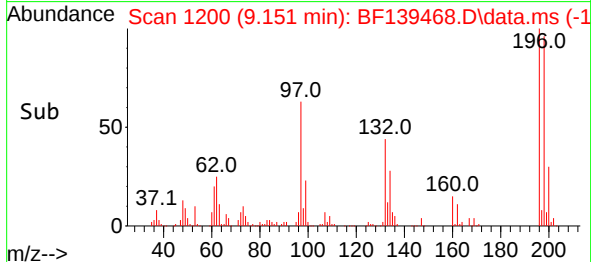
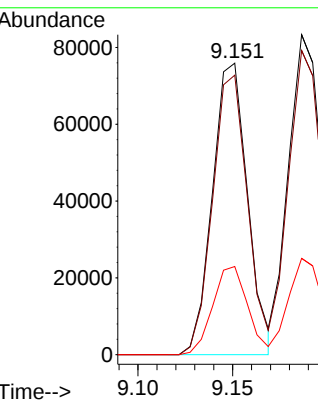
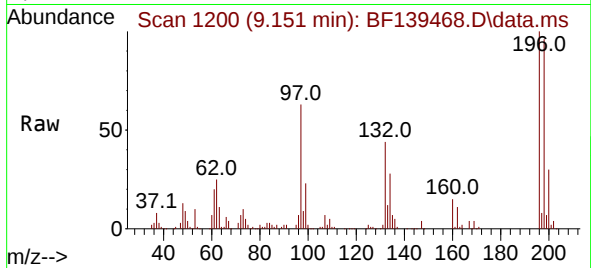
200 30.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 38.526 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:196 Resp: 105325

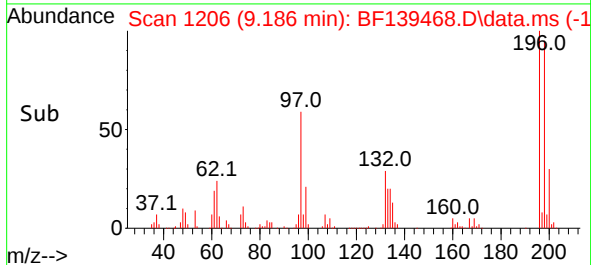
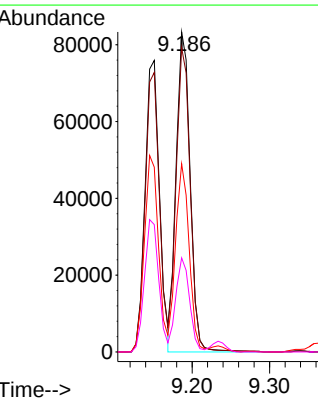
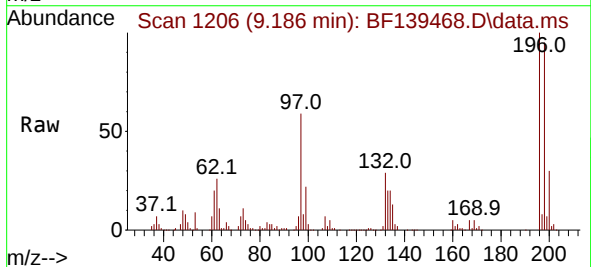
Ion Ratio Lower Upper

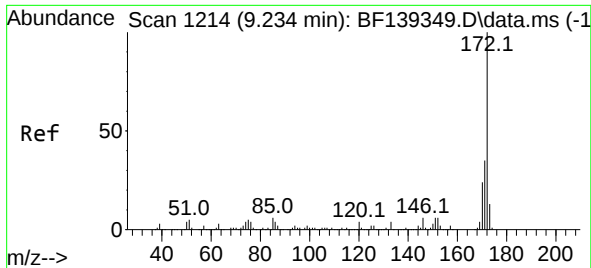
196 100

198 95.0 74.8 112.2

97 58.8 47.3 70.9

132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 72.339 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

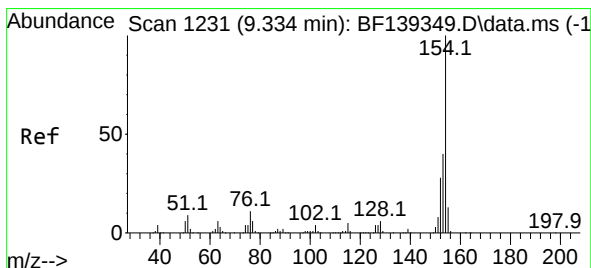
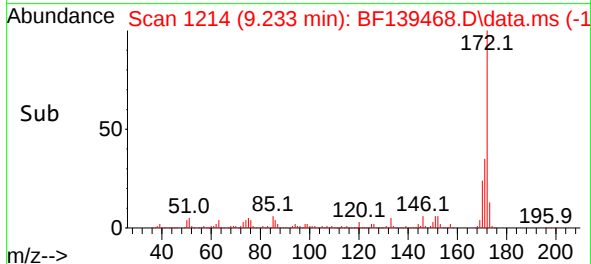
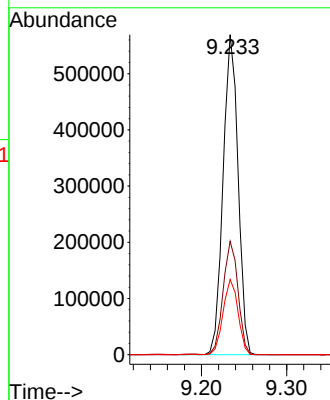
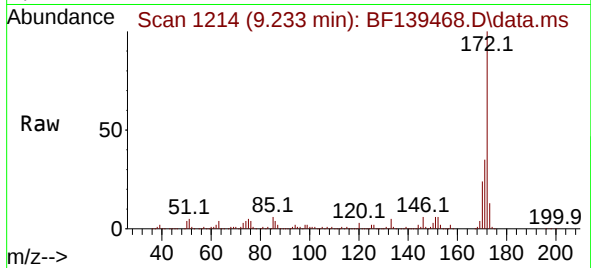
Tgt Ion:172 Resp: 69329
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#46

1,1'-Biphenyl

Concen: 37.859 ng

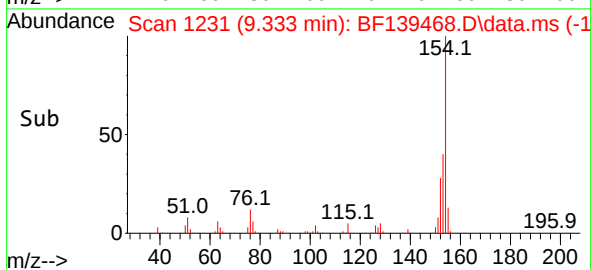
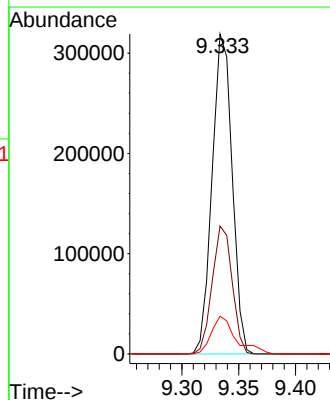
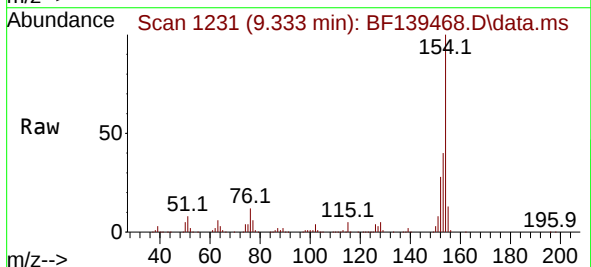
RT: 9.333 min Scan# 1231

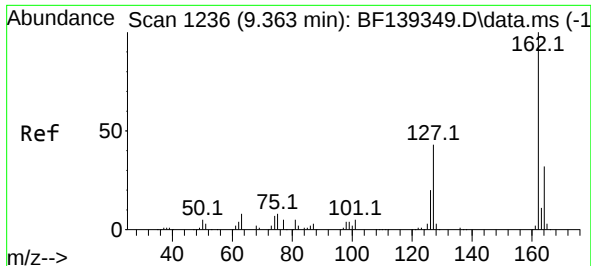
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:154 Resp: 391497
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.1 60.1
 76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 37.888 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139468.D

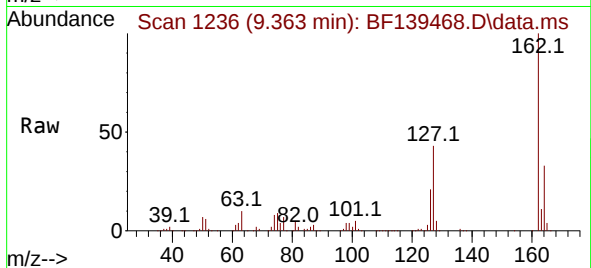
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



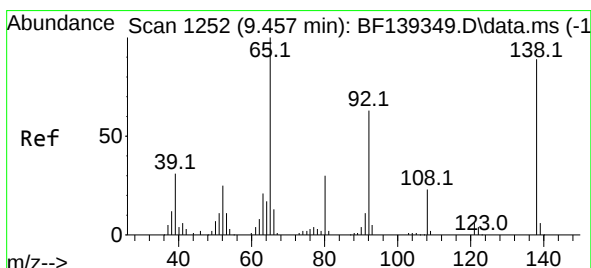
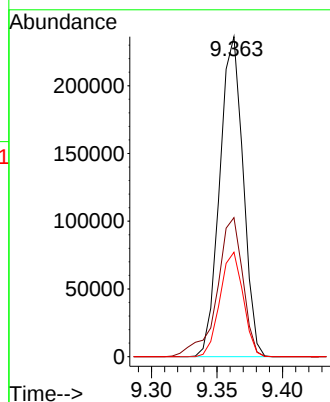
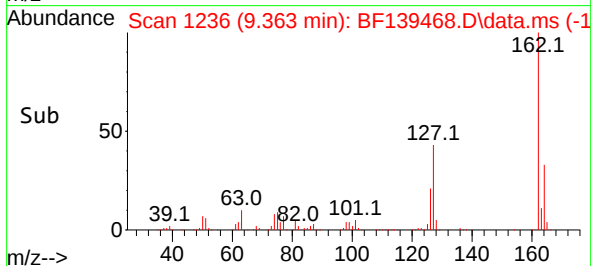
Tgt Ion:	162	Resp:	29295
Ion Ratio	Lower	Upper	
162	100		
127	43.5	35.0	52.4
164	32.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 38.267 ng

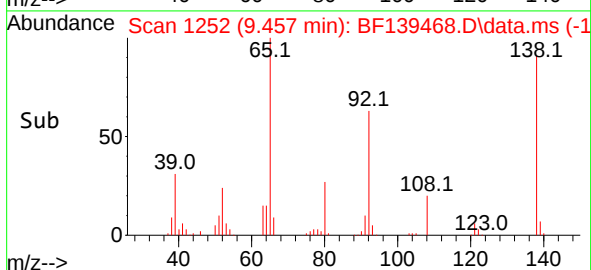
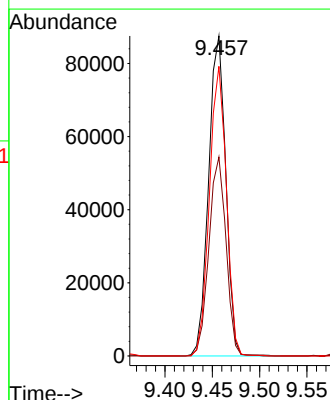
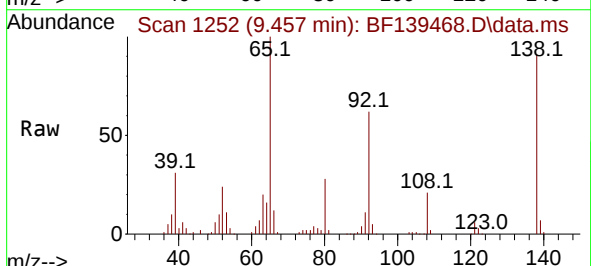
RT: 9.457 min Scan# 1252

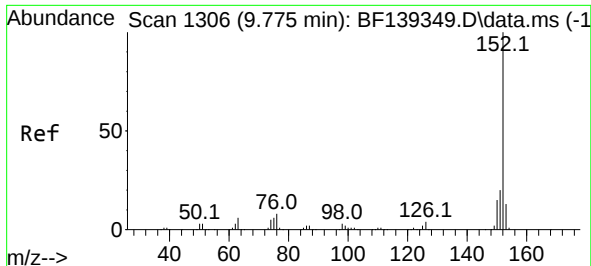
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:	65	Resp:	110051
Ion Ratio	Lower	Upper	
65	100		
92	62.1	50.3	75.5
138	90.5	71.3	106.9





#49
Acenaphthylene
Concen: 38.435 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

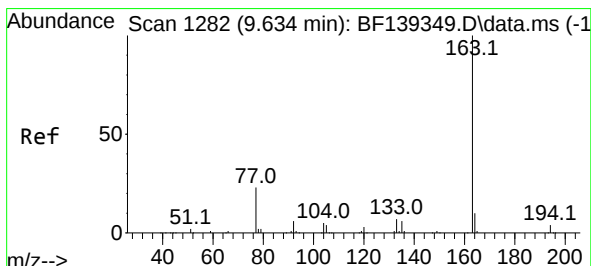
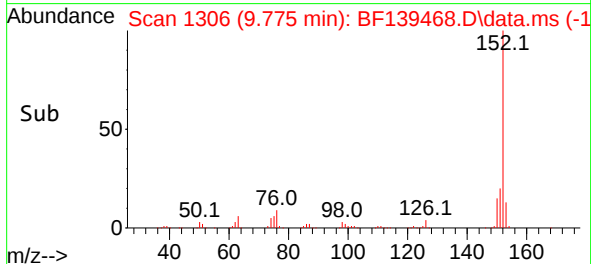
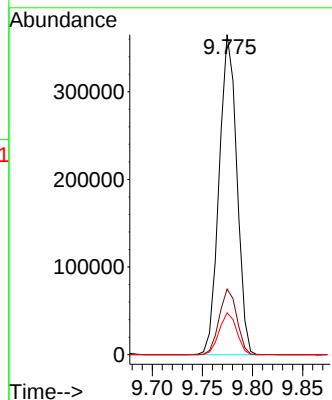
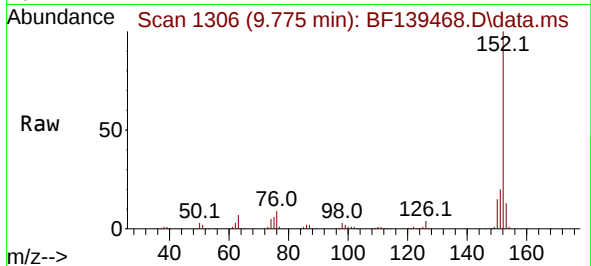
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 447342
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.1 10.3 15.5

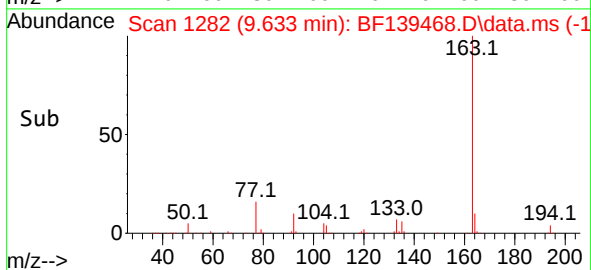
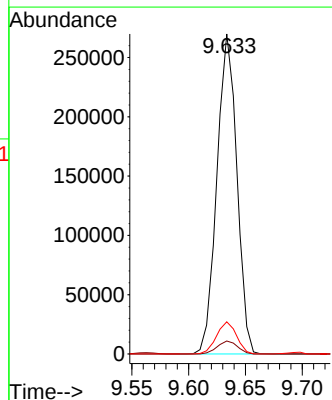
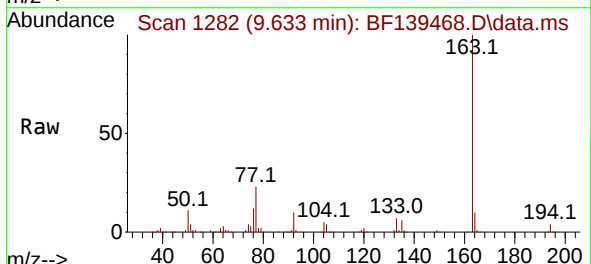
Manual Integrations
APPROVED

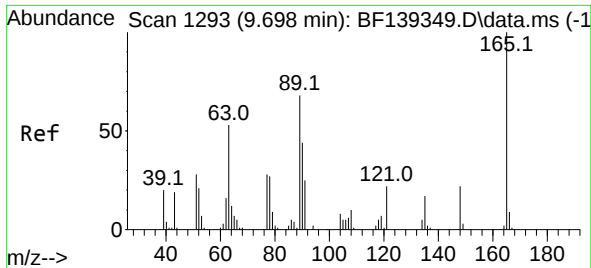
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 37.447 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:163 Resp: 330365
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 39.382 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

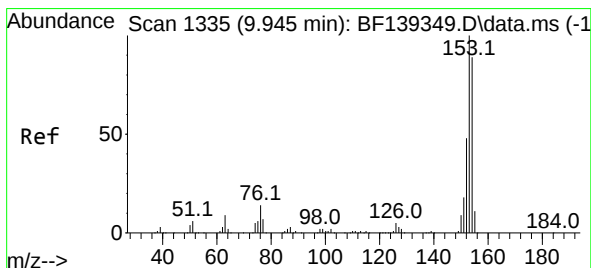
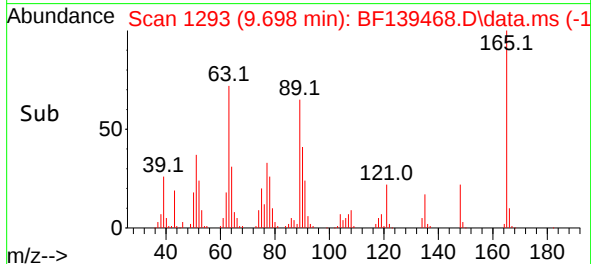
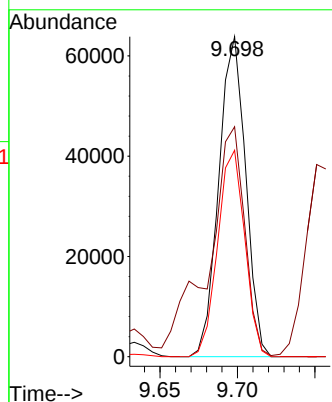
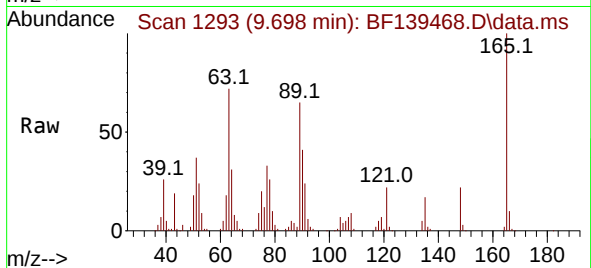
SSTDCCC040

Tgt Ion:165 Resp: 76969
Ion Ratio Lower Upper
165 100
63 71.8 60.9 91.3
89 64.5 54.7 82.1

Manual Integrations

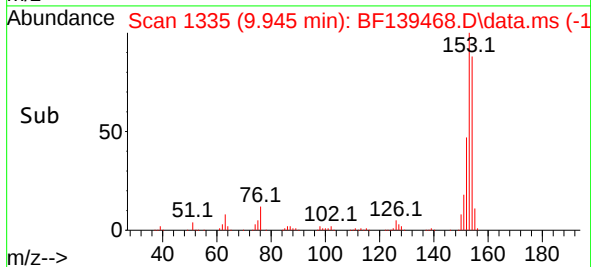
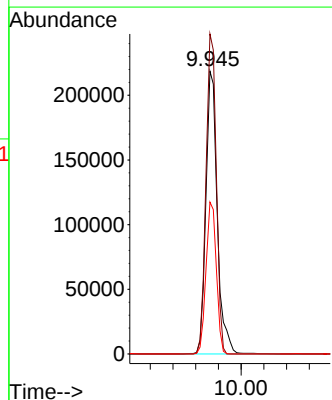
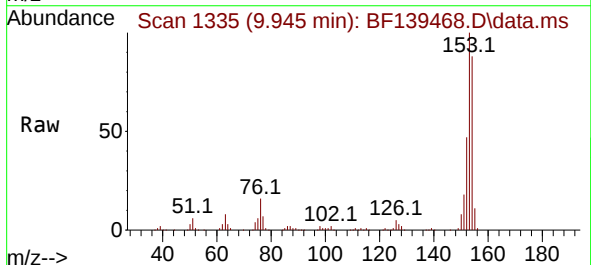
APPROVED

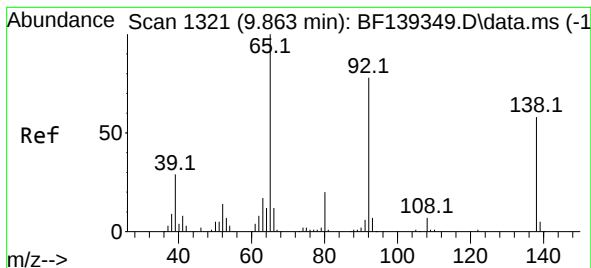
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 37.228 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:154 Resp: 302408
Ion Ratio Lower Upper
154 100
153 113.2 89.5 134.3
152 53.7 42.6 64.0





#53

3-Nitroaniline

Concen: 42.118 ng

RT: 9.869 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

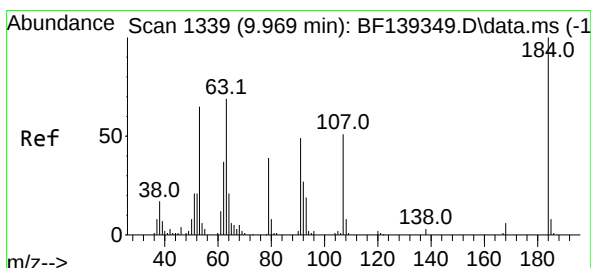
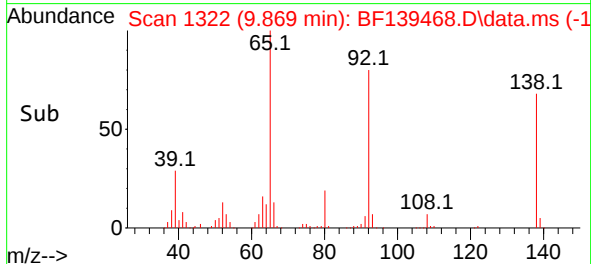
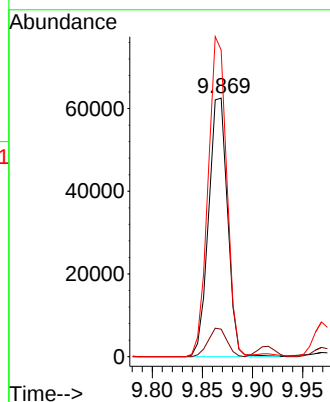
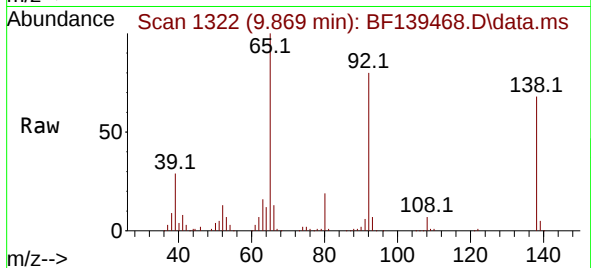
Tgt Ion:138 Resp: 8226
 Ion Ratio Lower Upper
 138 100
 108 10.6 9.8 14.8
 92 118.6 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#54

2,4-Dinitrophenol

Concen: 36.554 ng

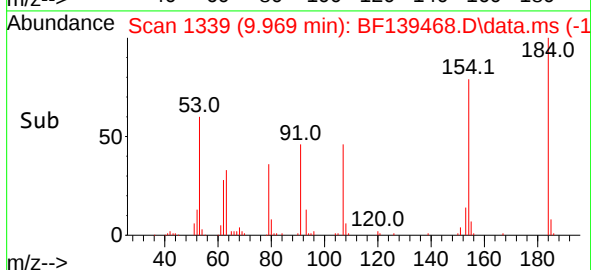
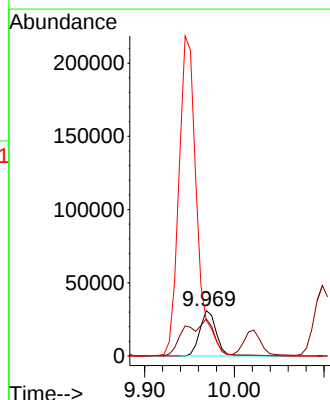
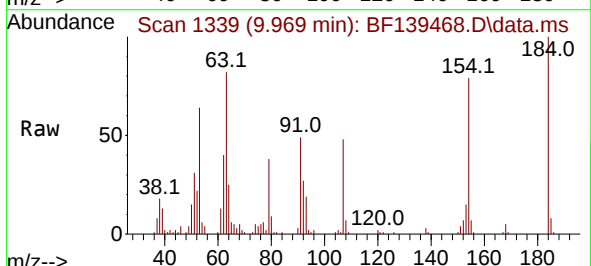
RT: 9.969 min Scan# 1339

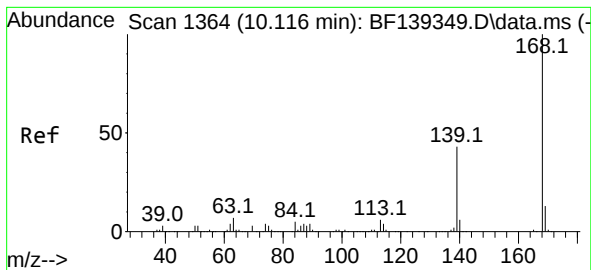
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:184 Resp: 39809
 Ion Ratio Lower Upper
 184 100
 63 81.9 69.3 103.9
 154 79.2 67.5 101.3





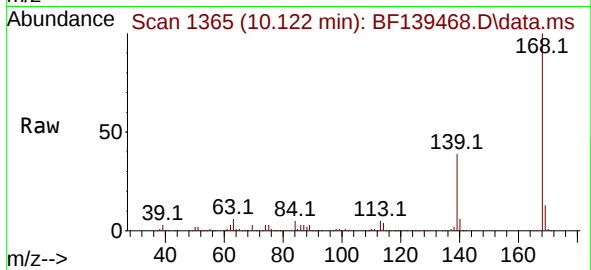
#55
Dibenzenofuran
Concen: 37.728 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



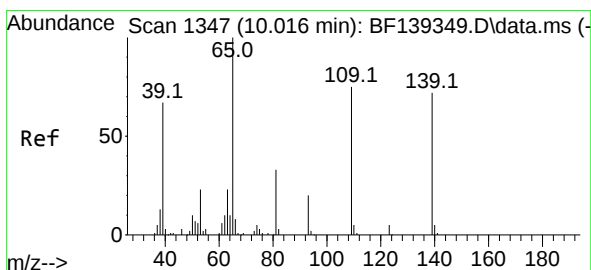
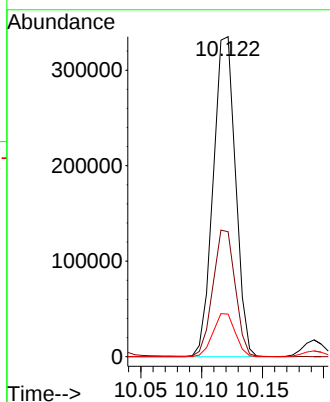
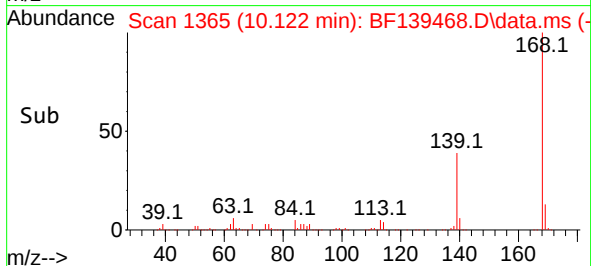
Tgt Ion:168 Resp: 427160
Ion Ratio Lower Upper
168 100
139 39.1 34.1 51.1
169 13.3 10.5 15.7

Manual Integrations

APPROVED

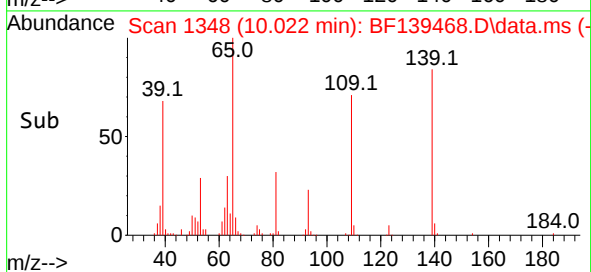
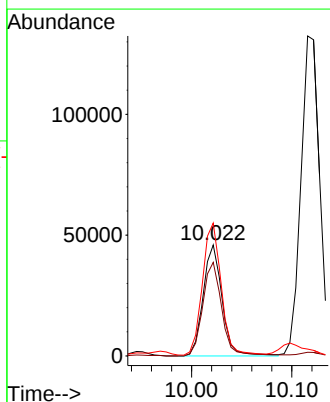
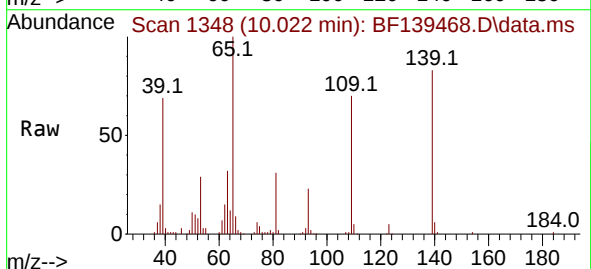
Reviewed By :Yogesh Patel 09/21/2024

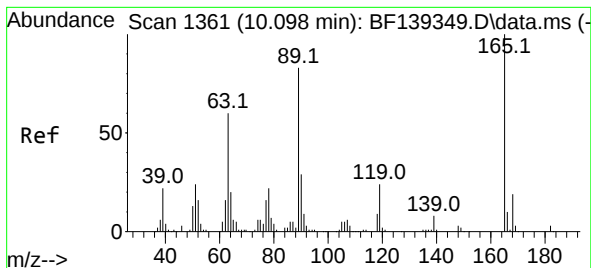
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 37.459 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:139 Resp: 60541
Ion Ratio Lower Upper
139 100
109 84.4 84.1 124.1
65 119.9 120.0 160.0#





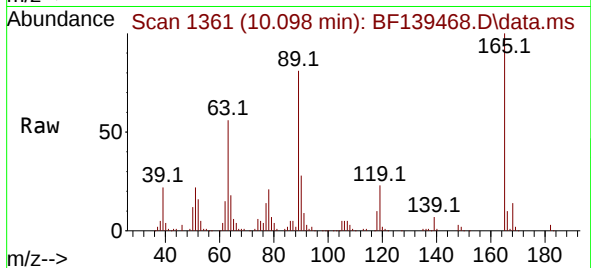
#57
2,4-Dinitrotoluene
Concen: 39.504 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



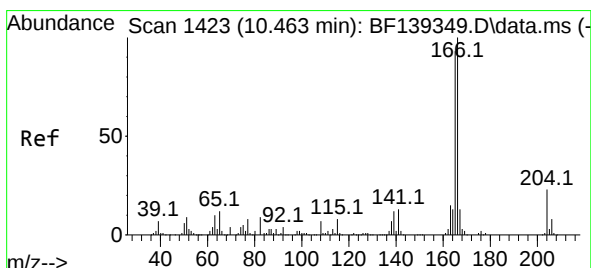
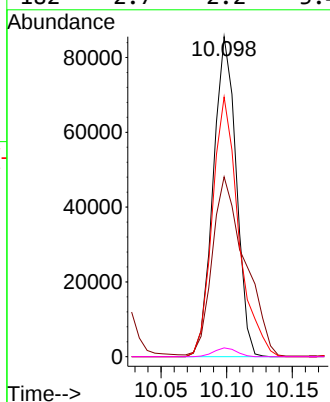
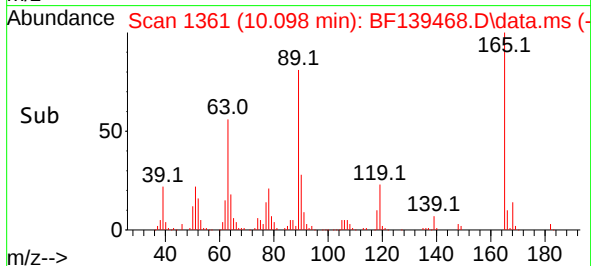
Tgt Ion:165 Resp: 104235
Ion Ratio Lower Upper
165 100
63 56.2 47.8 71.6
89 81.1 66.7 100.1
182 2.7 2.2 3.4

Manual Integrations

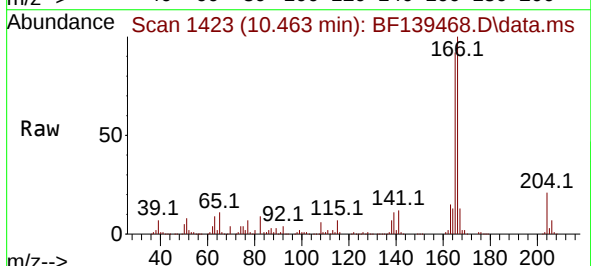
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

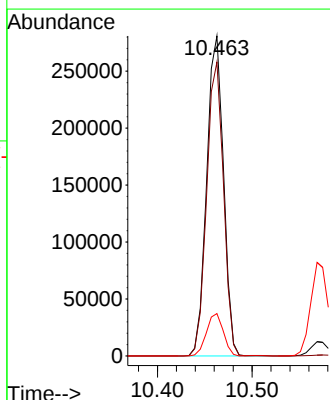
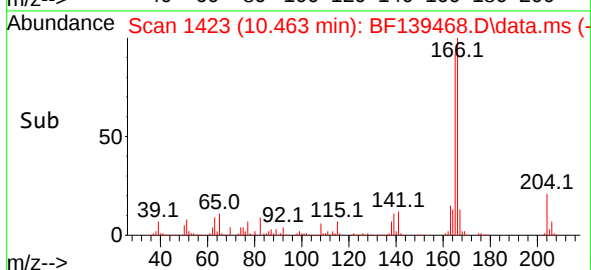
Supervised By :mohammad ahmed 09/22/2024

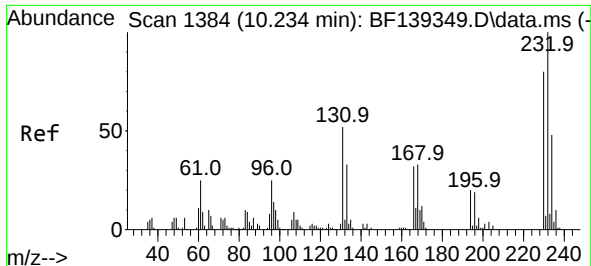


#58
Fluorene
Concen: 37.471 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



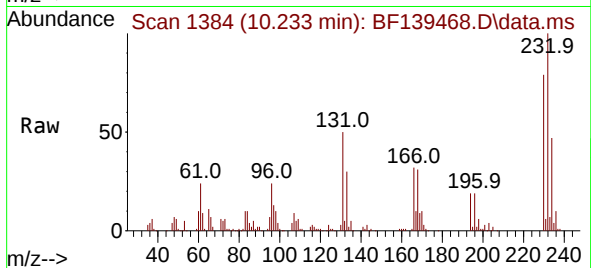
Tgt Ion:166 Resp: 346147
Ion Ratio Lower Upper
166 100
165 91.9 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.653 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

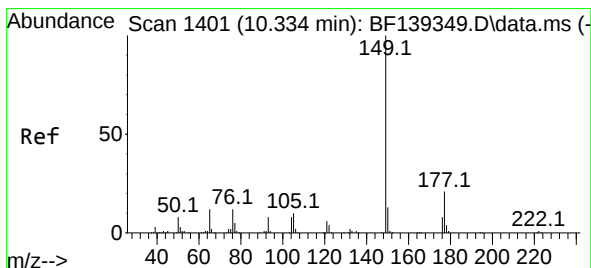
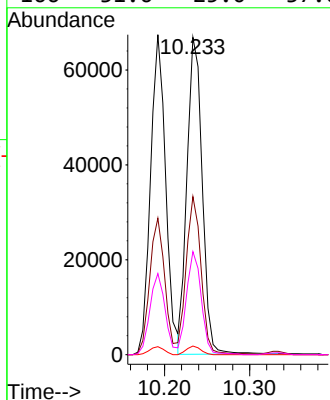
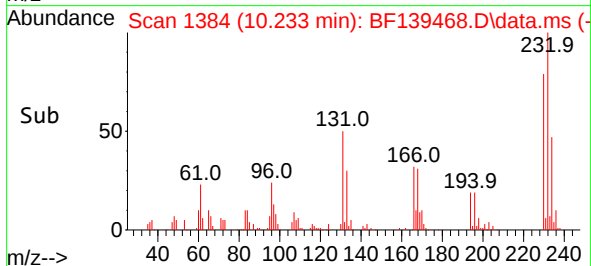
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 8289
Ion Ratio Lower Upper
232 100
131 49.8 40.7 61.1
130 2.6 2.2 3.2
166 31.6 25.0 37.6

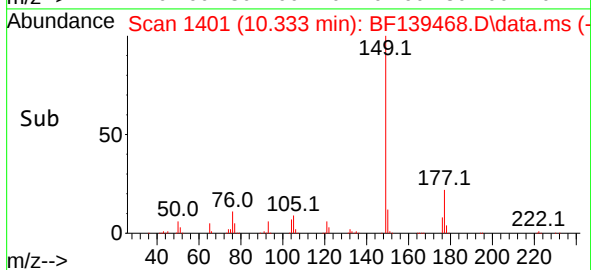
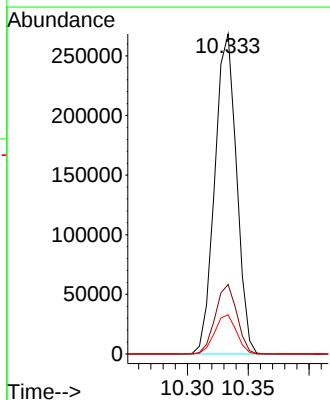
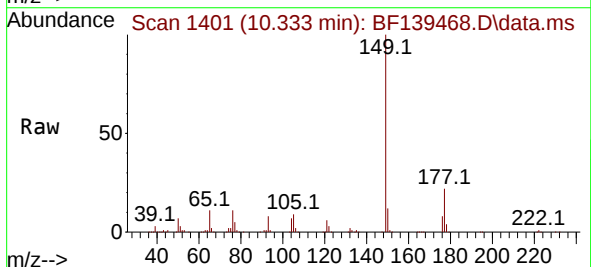
Manual Integrations
APPROVED

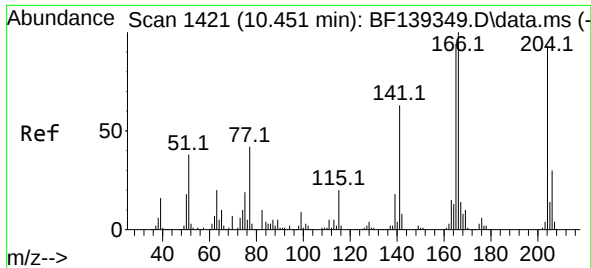
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#60
Diethylphthalate
Concen: 36.659 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

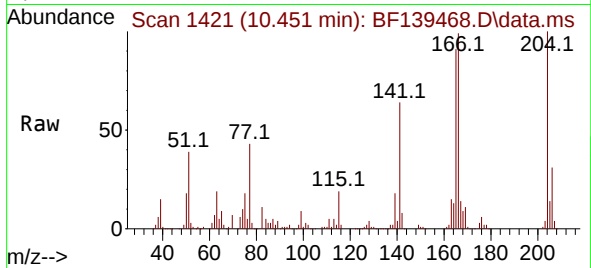
Tgt Ion:149 Resp: 333754
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 12.3 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 36.398 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

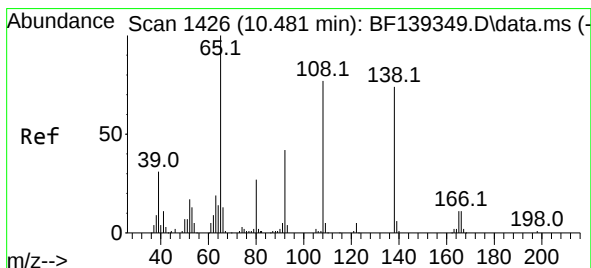
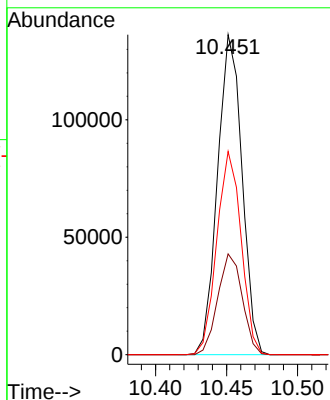
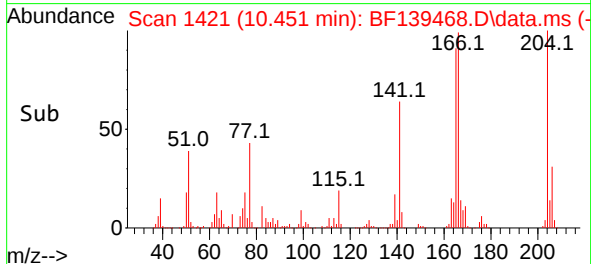
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 163408
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 63.5 53.9 80.9

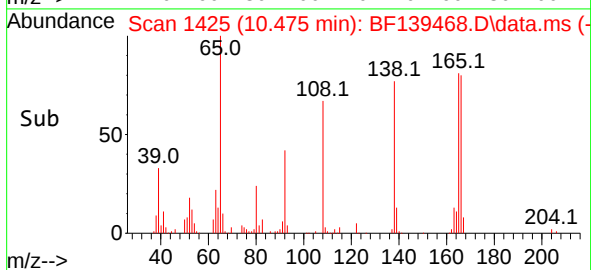
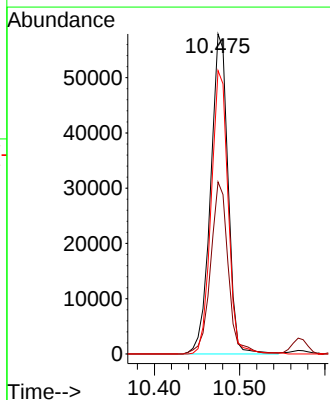
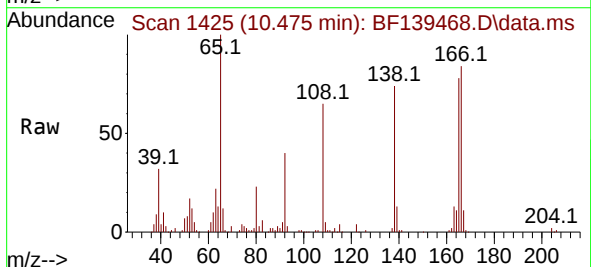
Manual Integrations
APPROVED

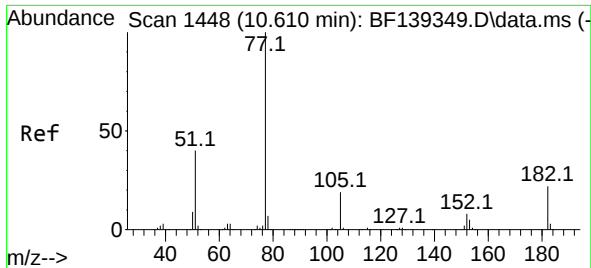
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 38.716 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:138 Resp: 82531
Ion Ratio Lower Upper
138 100
92 53.7 37.0 77.0
108 88.6 84.4 124.4





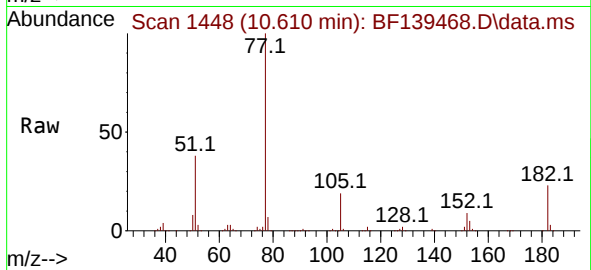
#63
Azobenzene
Concen: 37.313 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

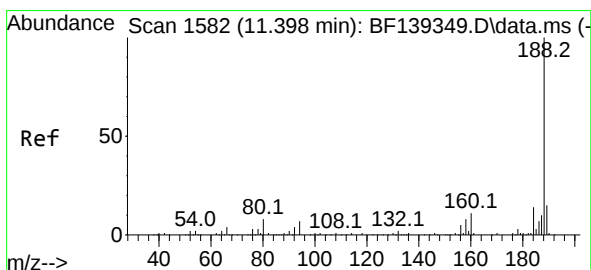
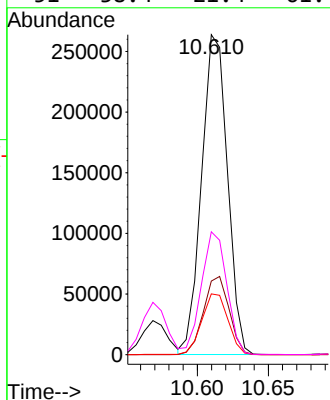
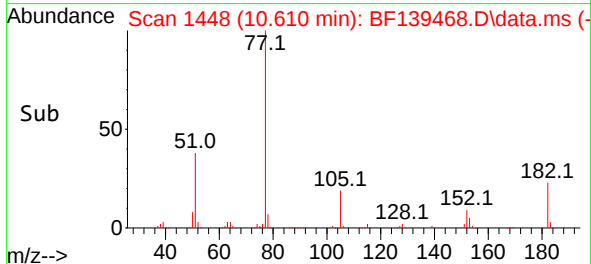


Tgt Ion: 77 Resp: 334119
Ion Ratio Lower Upper
77 100
182 23.0 1.8 41.8
105 19.0 0.0 38.6
51 38.4 21.4 61.4

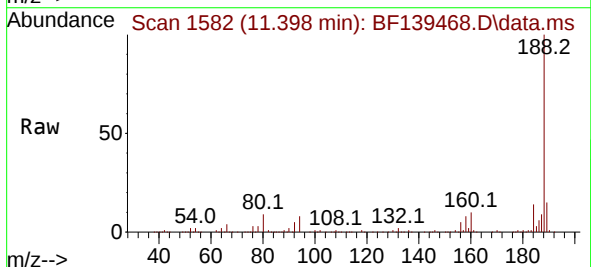
Manual Integrations

APPROVED

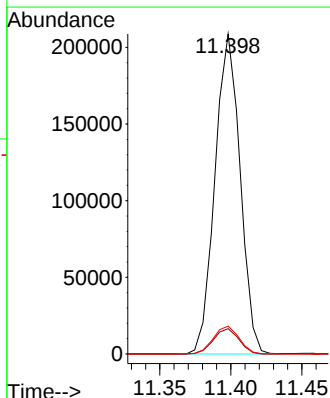
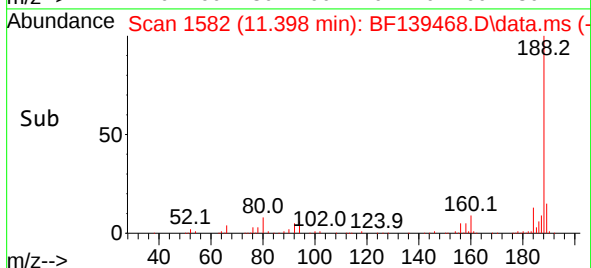
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

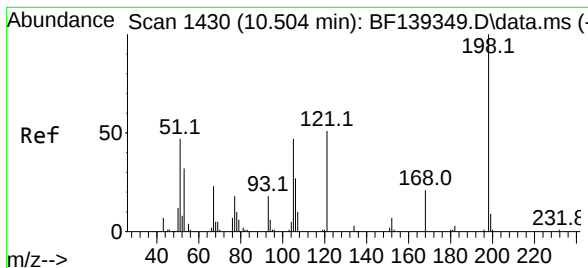


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:188 Resp: 256666
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 8.7 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 41.570 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

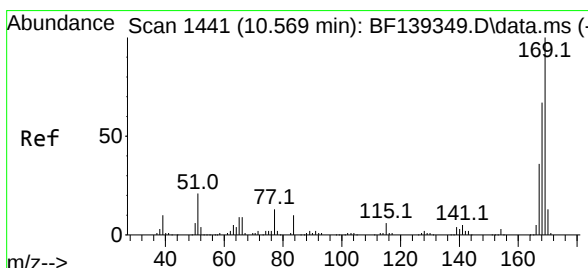
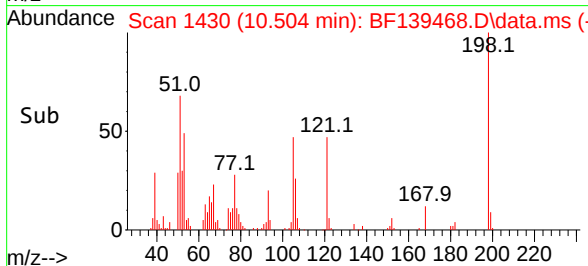
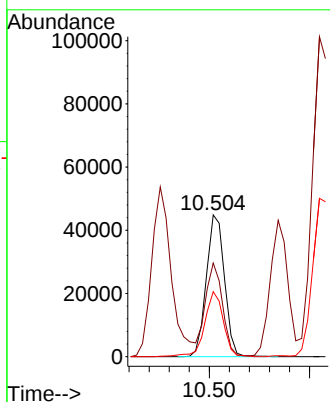
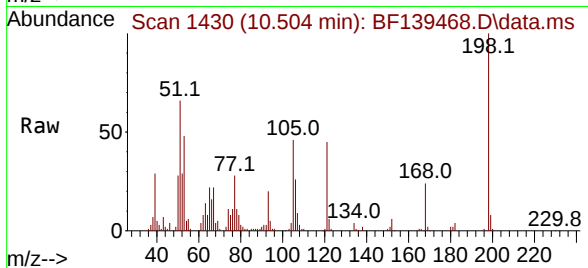
ClientSampleId :

SSTDCCC040

Tgt Ion:198 Resp: 56312
Ion Ratio Lower Upper
198 100
51 66.1 50.4 90.4
105 45.9 28.3 68.3

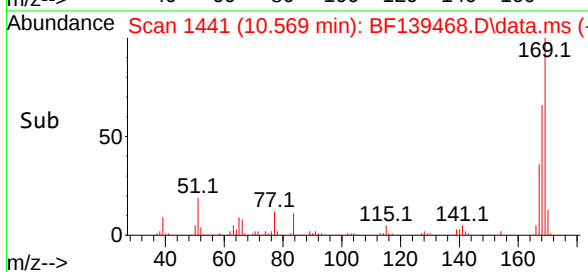
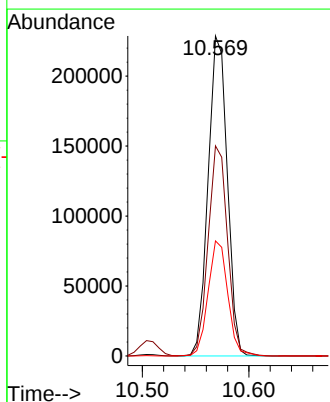
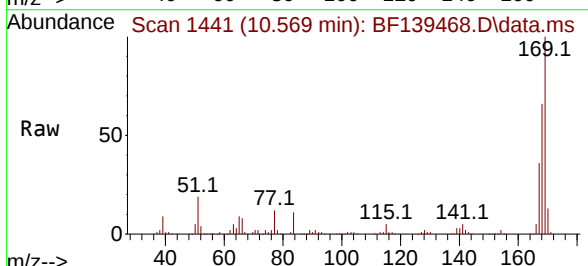
Manual Integrations
APPROVED

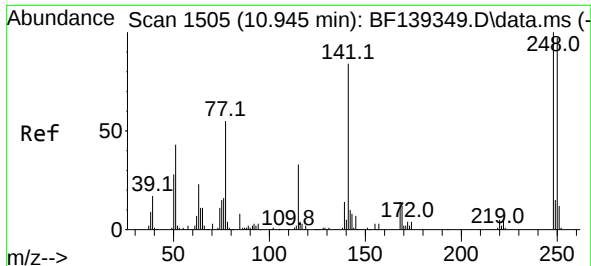
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 38.009 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

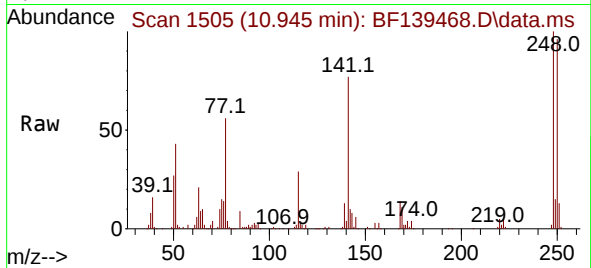
Tgt Ion:169 Resp: 285219
Ion Ratio Lower Upper
169 100
168 65.6 53.6 80.4
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 37.440 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

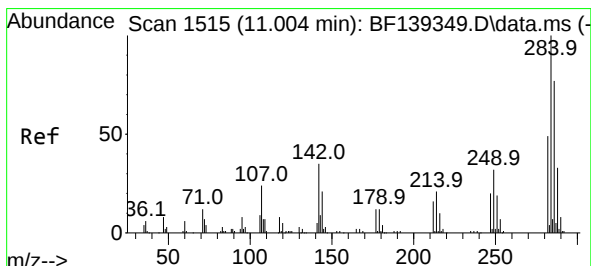
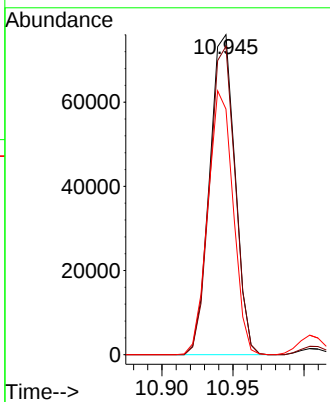
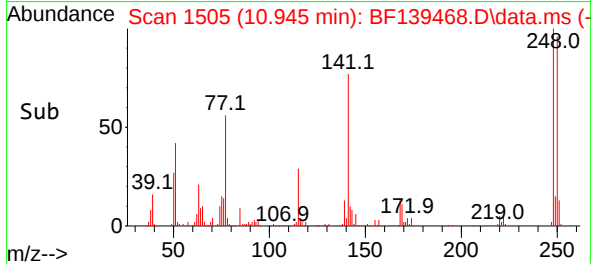
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 95229
Ion Ratio Lower Upper
248 100
250 96.3 77.6 116.4
141 76.8 66.9 100.3

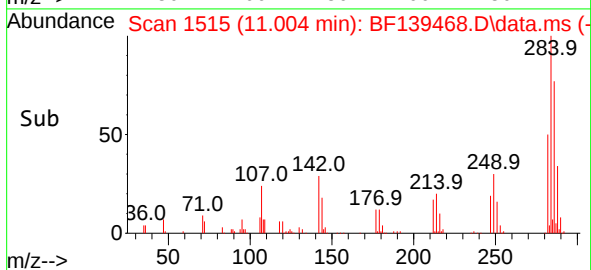
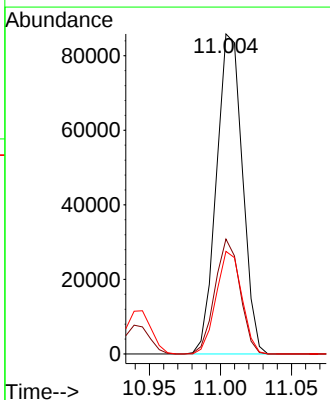
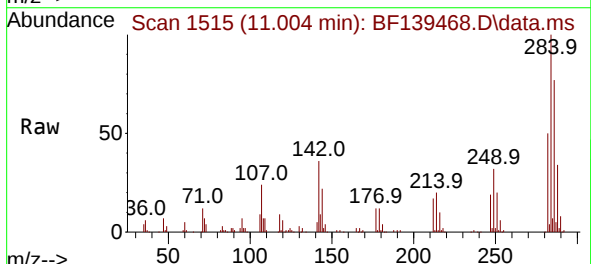
Manual Integrations
APPROVED

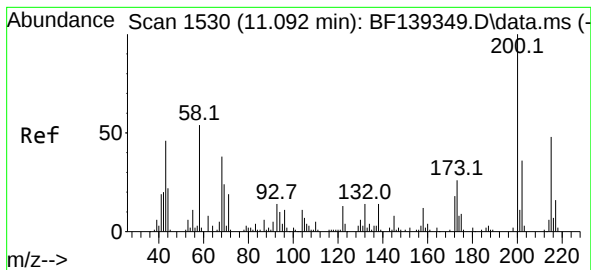
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#68
Hexachlorobenzene
Concen: 36.576 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Tgt Ion:284 Resp: 109184
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 32.0 25.3 37.9





#69

Atrazine

Concen: 34.335 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

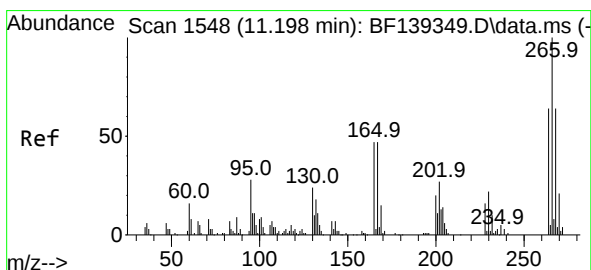
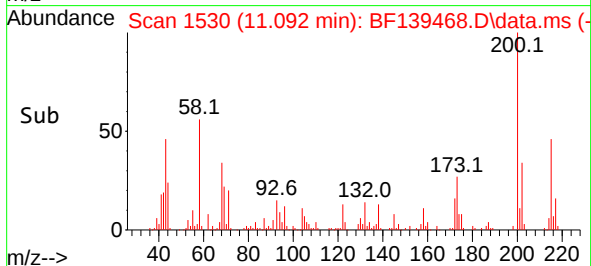
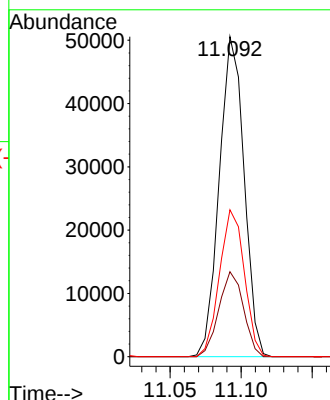
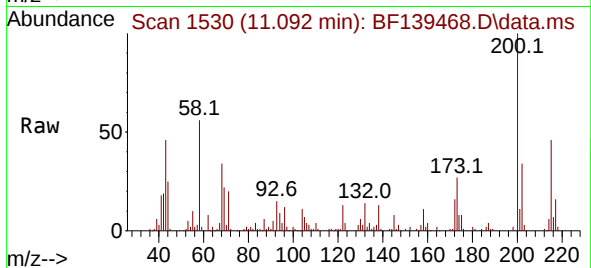
Tgt Ion:200	Resp: 61338
Ion Ratio	Lower Upper
200 100	
173 26.5	6.1 46.1
215 45.9	28.2 68.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 37.404 ng

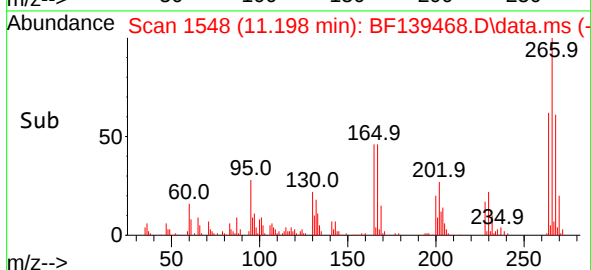
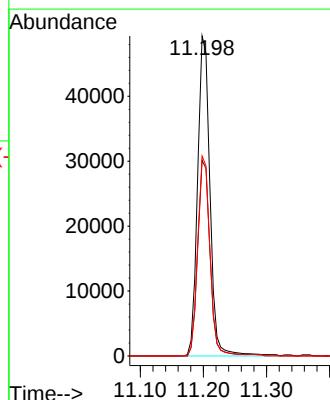
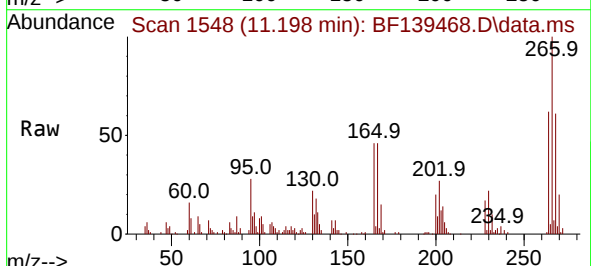
RT: 11.198 min Scan# 1548

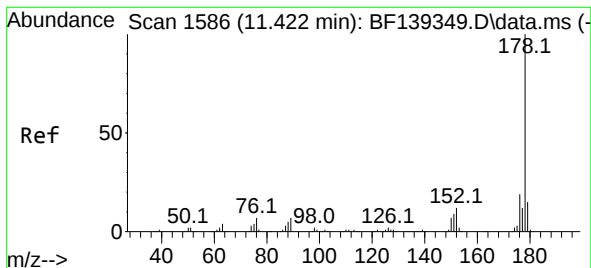
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:266	Resp: 66998
Ion Ratio	Lower Upper
266 100	
268 61.1	51.1 76.7
264 62.5	51.4 77.0





#71

Phenanthrene

Concen: 37.886 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 469140

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

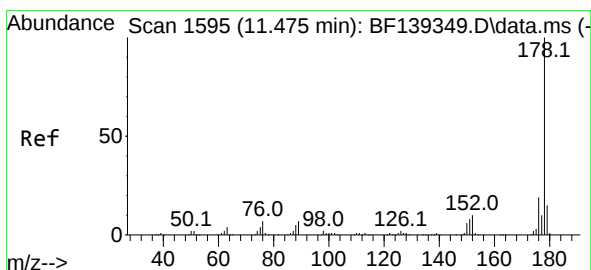
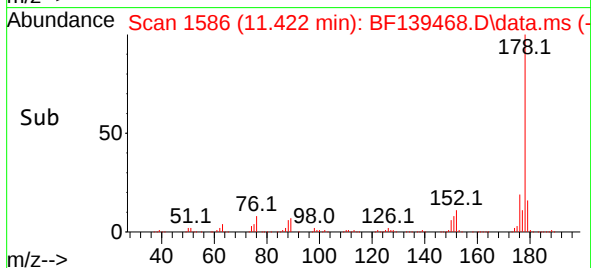
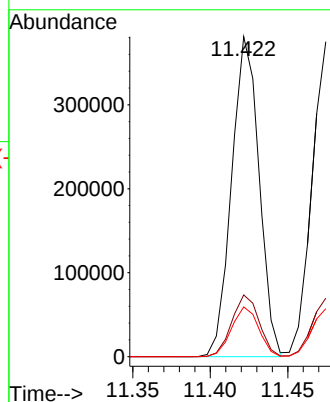
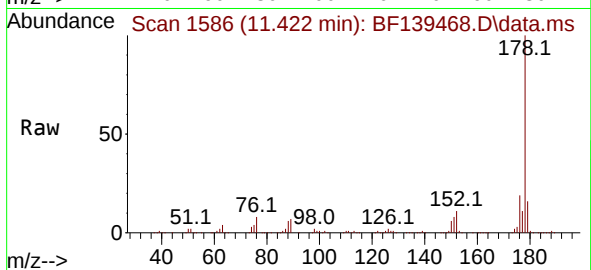
179 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 38.172 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

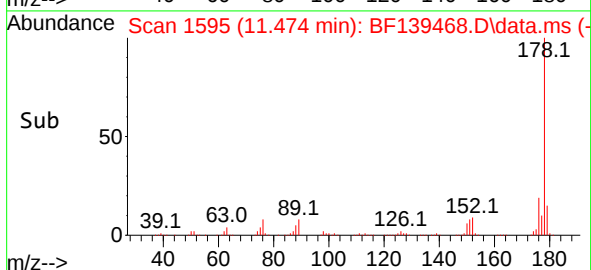
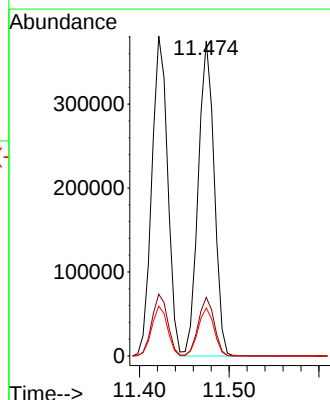
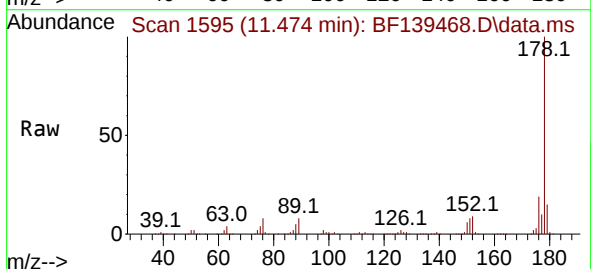
Tgt Ion:178 Resp: 462152

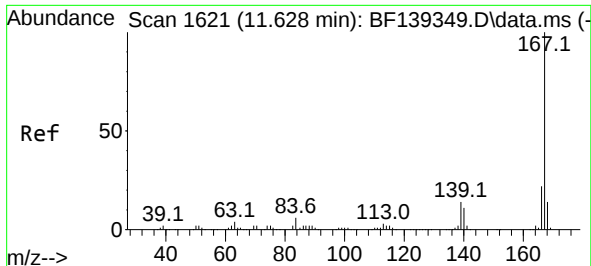
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

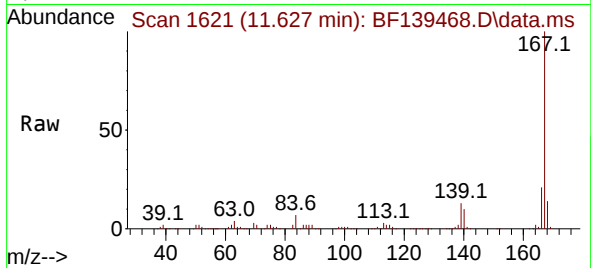
179 15.3 12.0 18.0





#73
 Carbazole
 Concen: 38.736 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139468.D
 Acq: 19 Sep 2024 17:19

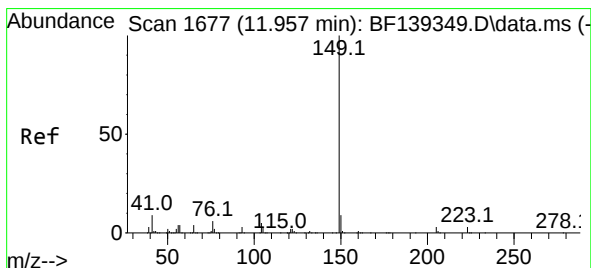
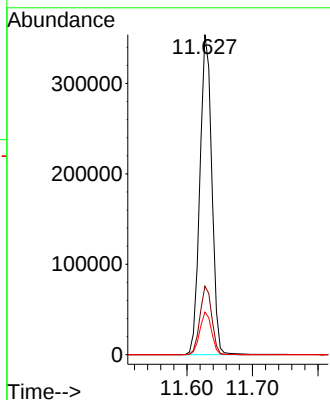
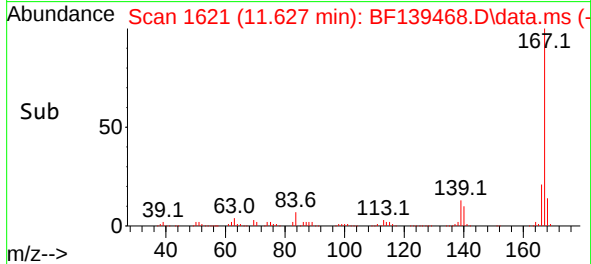
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



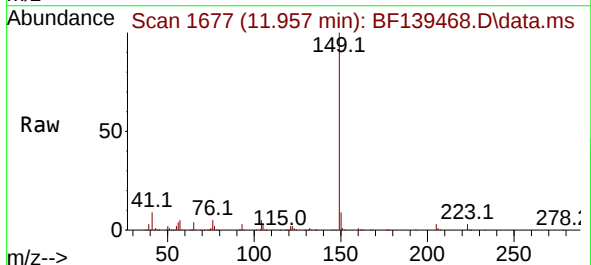
Tgt Ion:167 Resp: 448869
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.3 10.9 16.3

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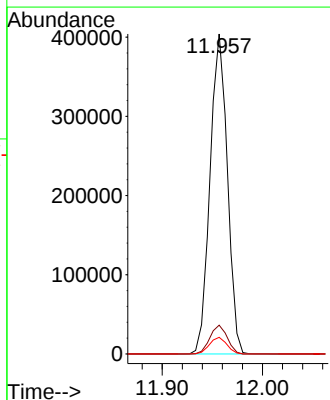
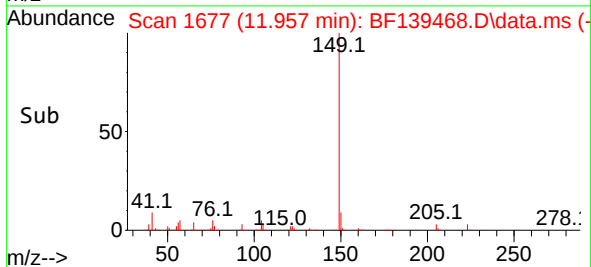
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

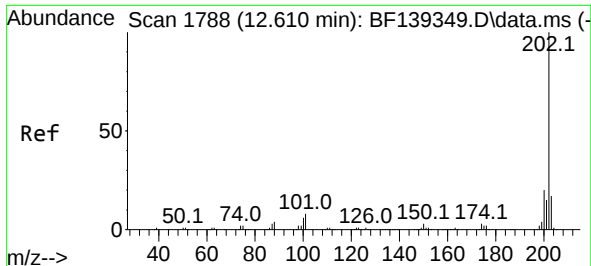


#74
 Di-n-butylphthalate
 Concen: 37.507 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139468.D
 Acq: 19 Sep 2024 17:19



Tgt Ion:149 Resp: 484155
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.2 4.3 6.5





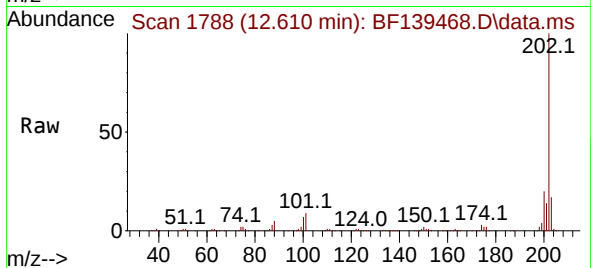
#75
Fluoranthene
Concen: 38.447 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



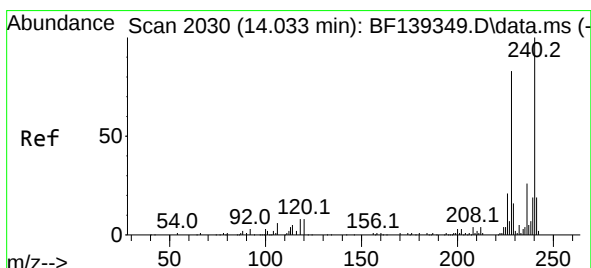
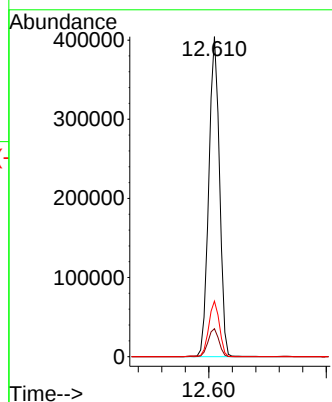
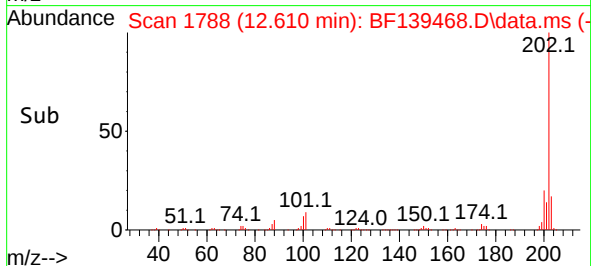
Tgt Ion:202 Resp: 508429
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.4 0.0 37.4

Manual Integrations

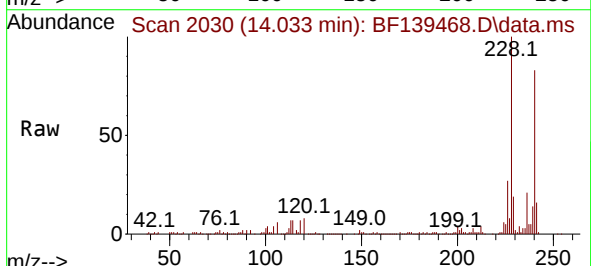
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

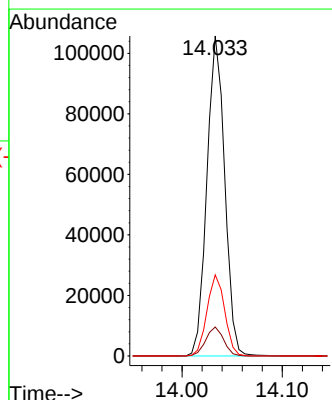
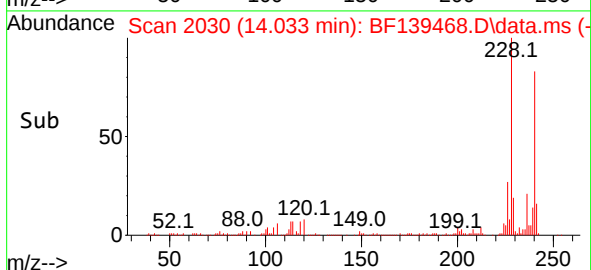
Supervised By :mohammad ahmed 09/22/2024

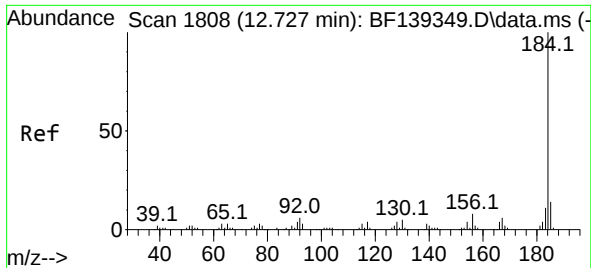


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



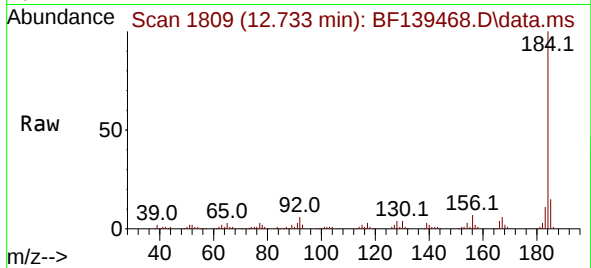
Tgt Ion:240 Resp: 130668
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 25.4 20.9 31.3





#77
Benzidine
Concen: 55.952 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

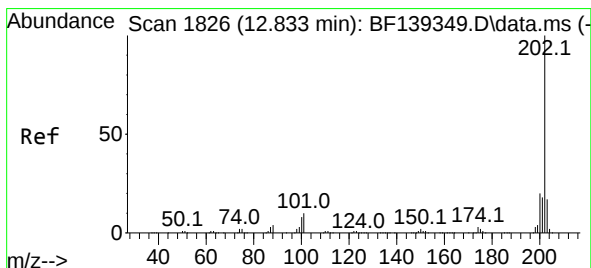
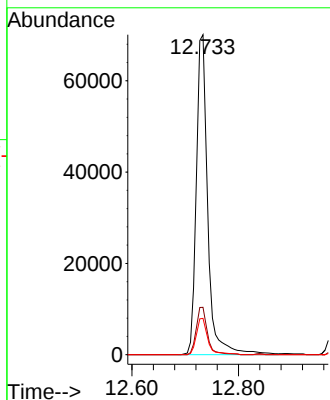
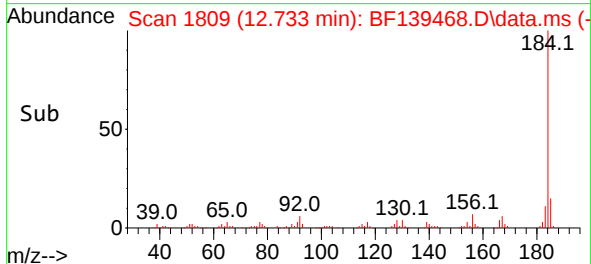
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



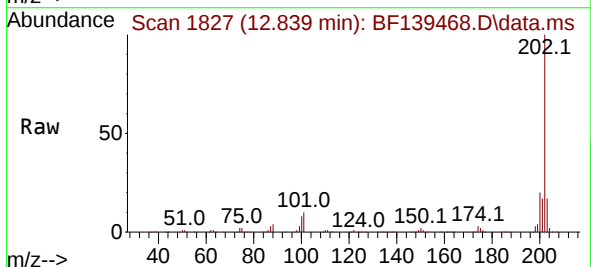
Tgt Ion:184 Resp: 104748
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 11.4 8.9 13.3

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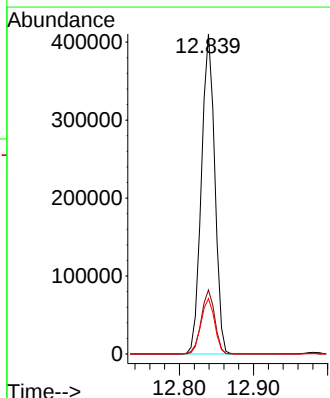
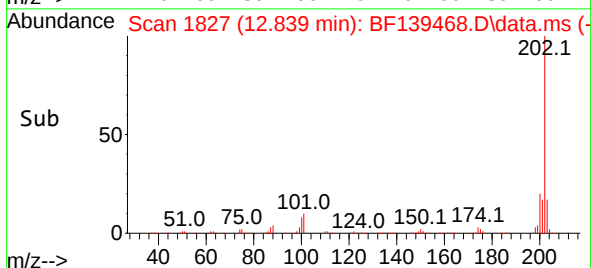
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

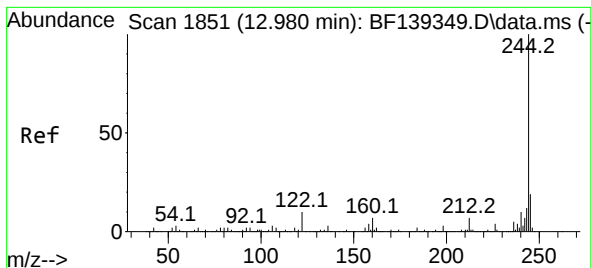


#78
Pyrene
Concen: 45.864 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:202 Resp: 514572
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 83.683 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139468.D

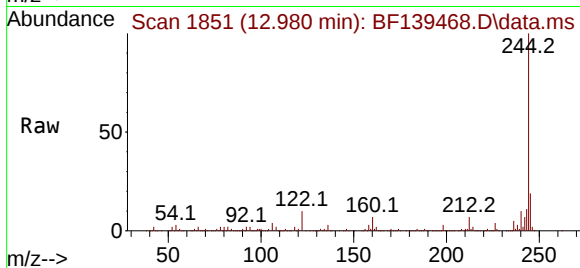
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



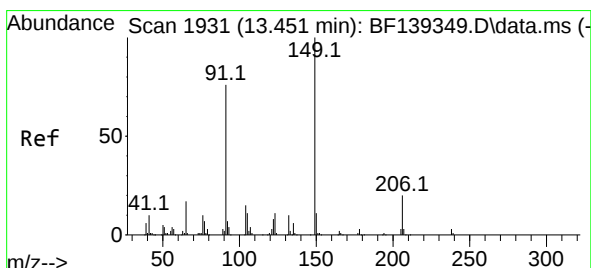
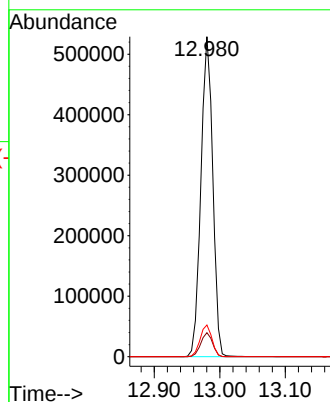
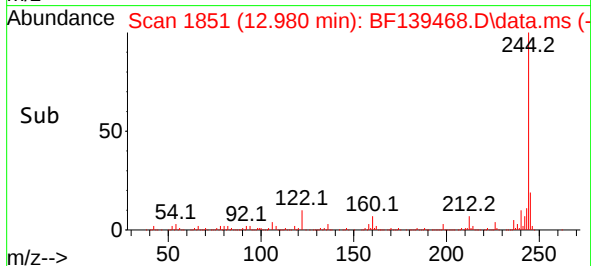
Tgt Ion:	244	Resp:	66618
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	9.9	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 41.327 ng

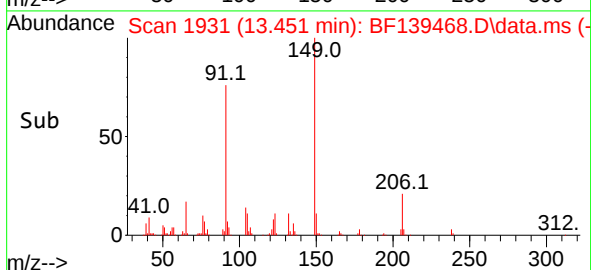
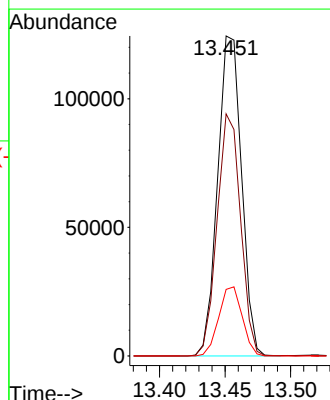
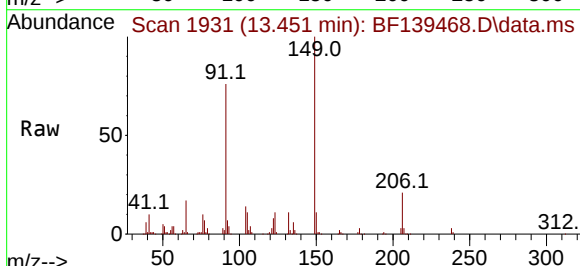
RT: 13.451 min Scan# 1931

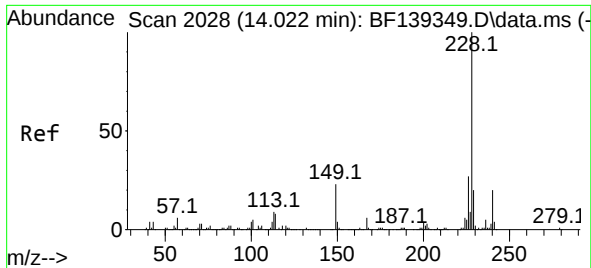
Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Tgt Ion:	149	Resp:	157826
Ion Ratio	Lower	Upper	
149	100		
91	75.7	60.9	91.3
206	20.8	15.8	23.8





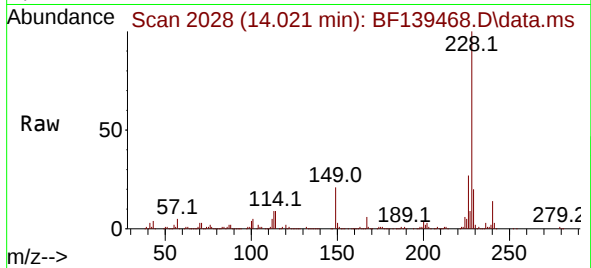
#81
Benzo(a)anthracene
Concen: 37.461 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

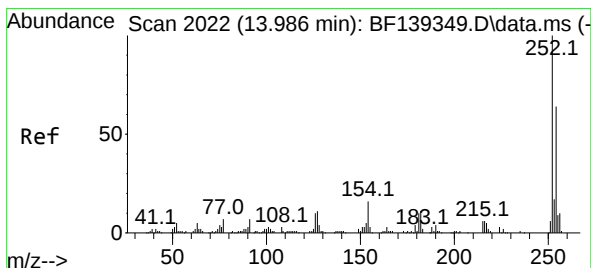
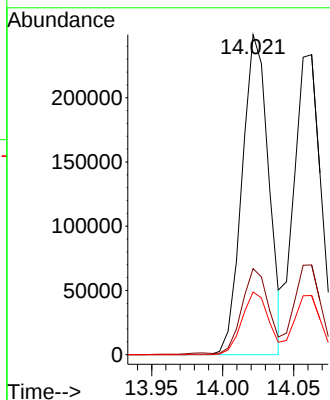
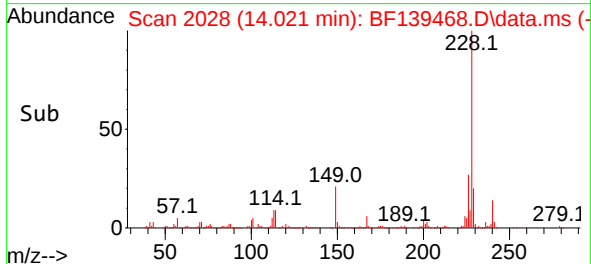


Tgt Ion:228 Resp: 324244
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.7 23.5

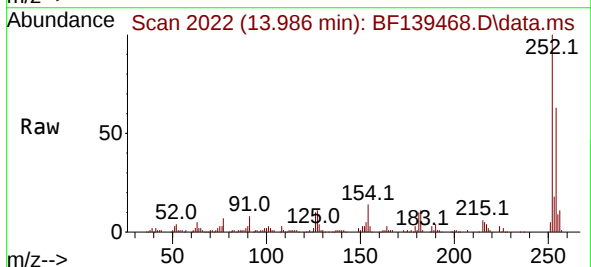
Manual Integrations

APPROVED

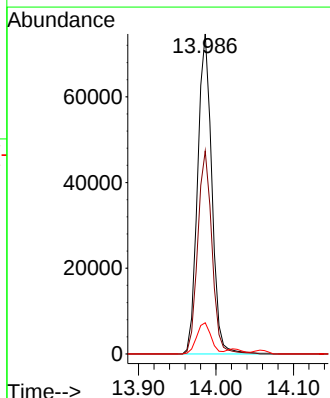
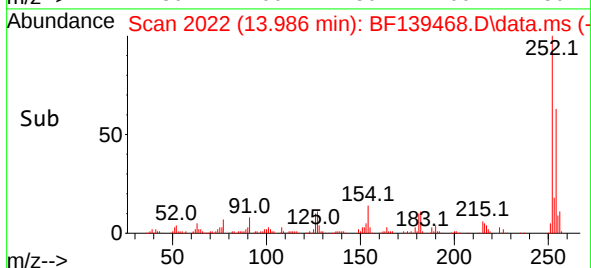
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

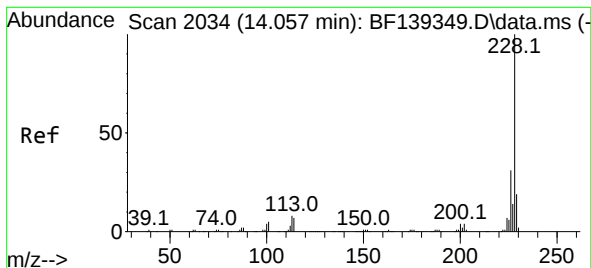


#82
3,3'-Dichlorobenzidine
Concen: 37.463 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:252 Resp: 94960
Ion Ratio Lower Upper
252 100
254 63.5 51.4 77.2
126 9.7 7.7 11.5





#83

Chrysene

Concen: 38.379 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 30561

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

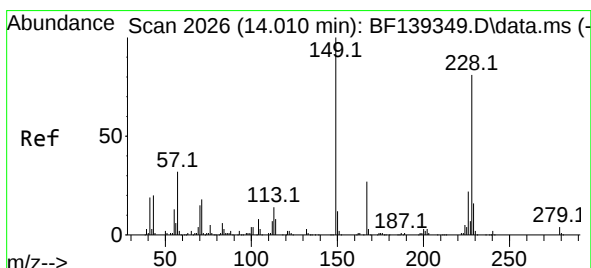
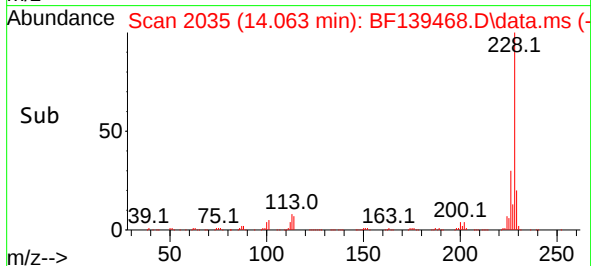
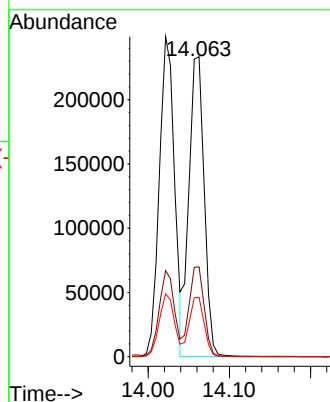
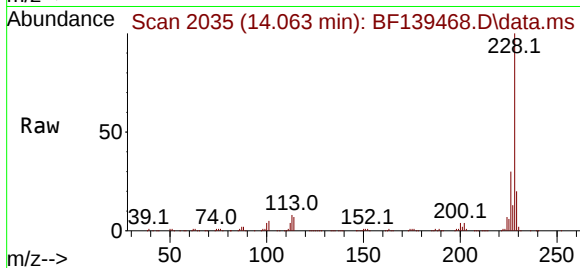
229 19.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.456 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

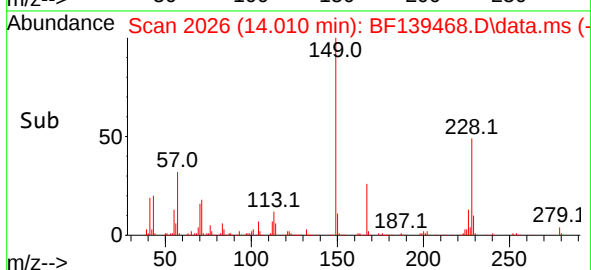
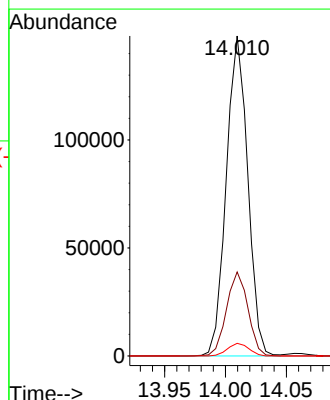
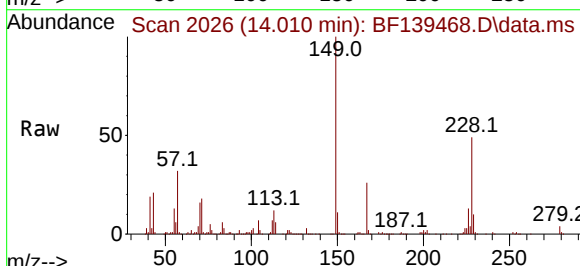
Tgt Ion:149 Resp: 181970

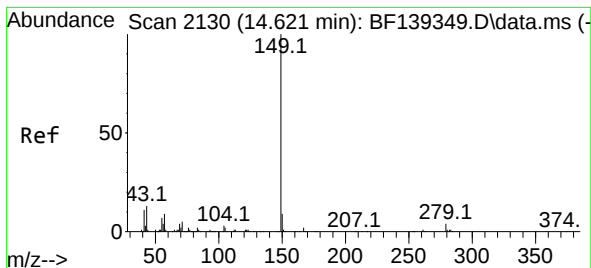
Ion Ratio Lower Upper

149 100

167 26.3 21.6 32.4

279 4.0 3.3 4.9





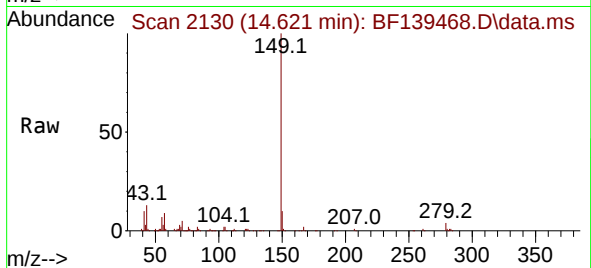
#85
Di-n-octyl phthalate
Concen: 33.822 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



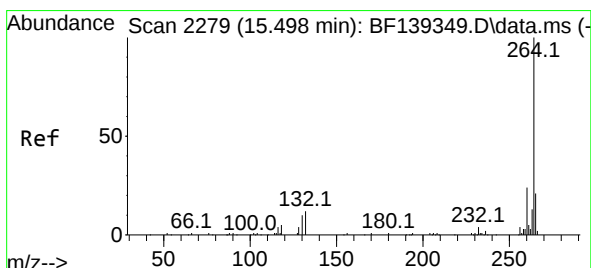
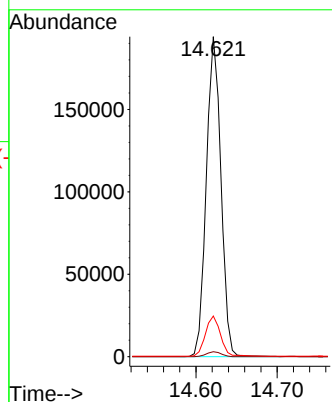
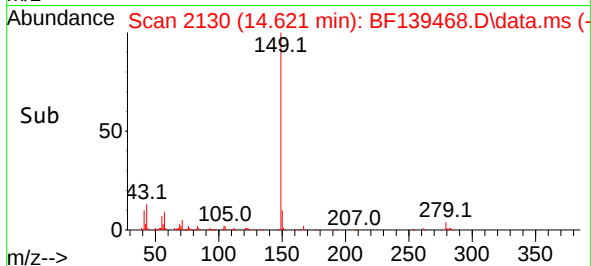
Tgt Ion:149 Resp: 241988
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.0 10.6 16.0

Manual Integrations

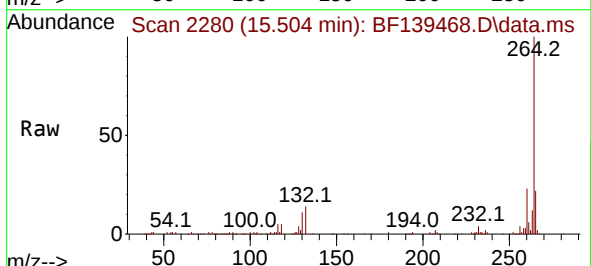
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

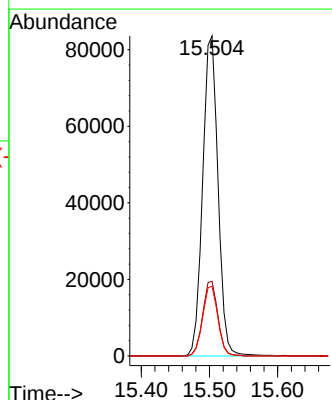
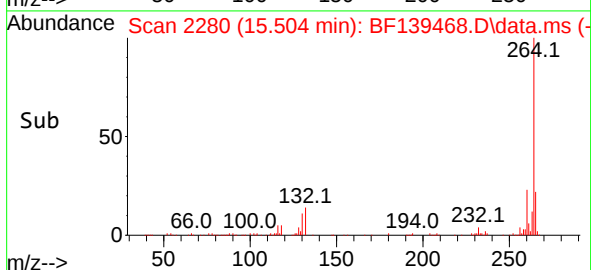
Supervised By :mohammad ahmed 09/22/2024

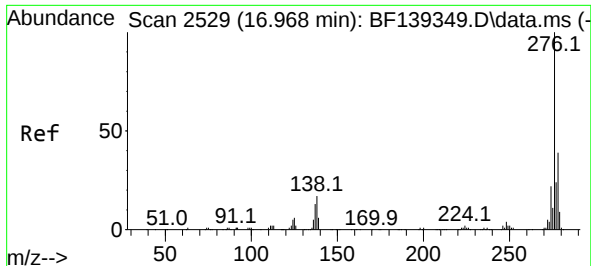


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:264 Resp: 130863
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.8 16.6 25.0





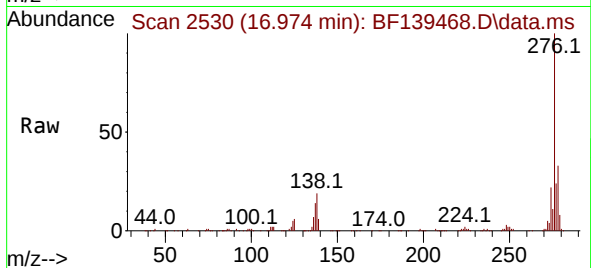
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.782 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

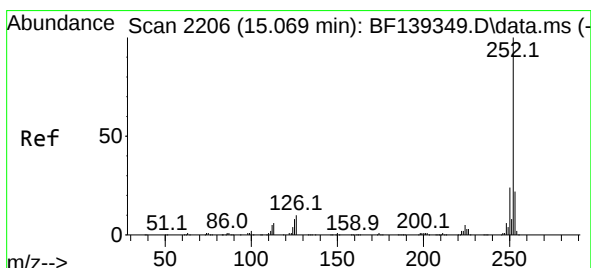
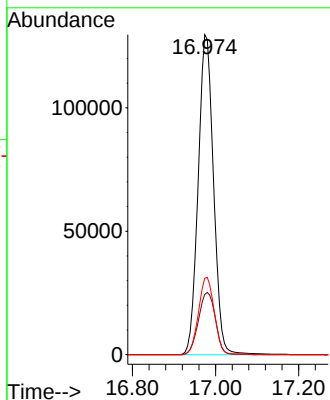
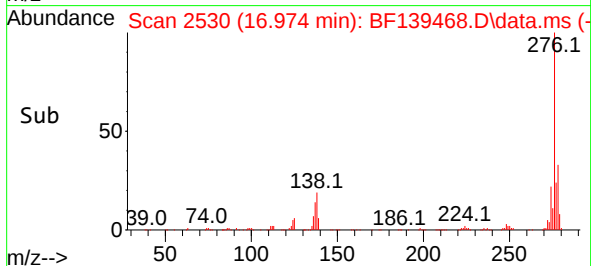


Tgt Ion:276 Resp: 332904
Ion Ratio Lower Upper
276 100
138 21.3 15.4 23.2
277 24.9 20.4 30.6

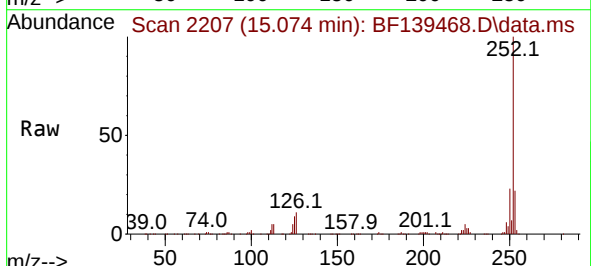
Manual Integrations

APPROVED

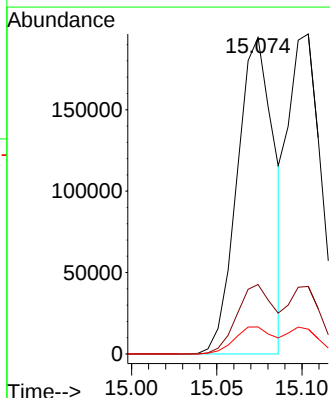
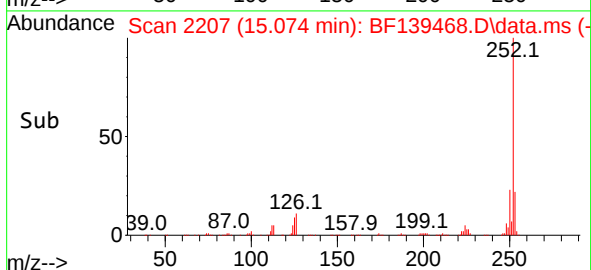
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

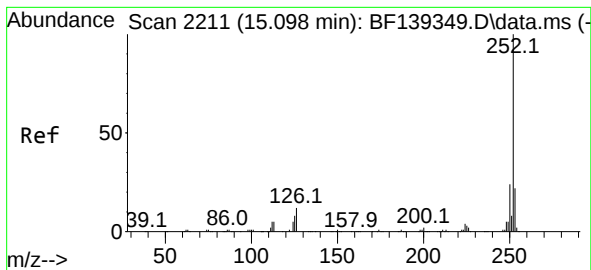


#88
Benzo(b)fluoranthene
Concen: 36.215 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:252 Resp: 292286
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 35.613 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 265014

Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

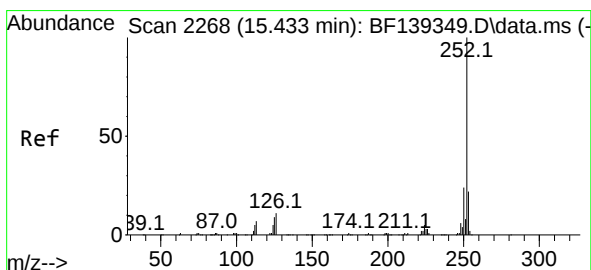
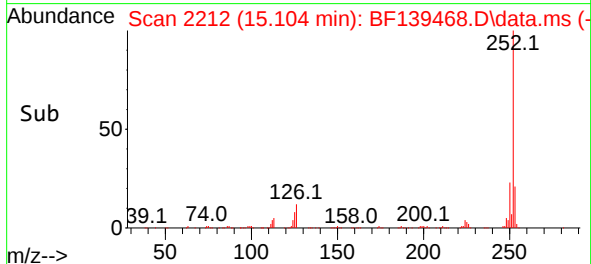
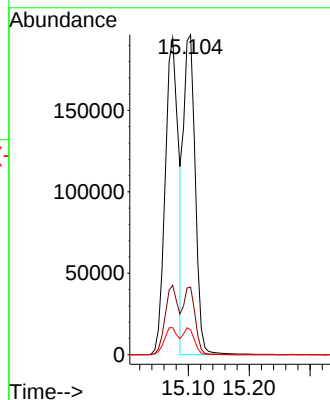
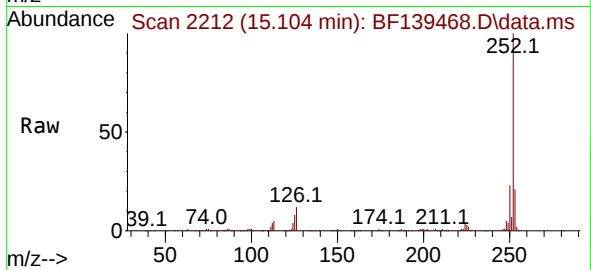
125 7.8 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 37.451 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139468.D

Acq: 19 Sep 2024 17:19

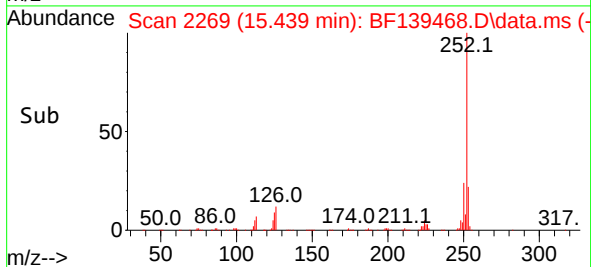
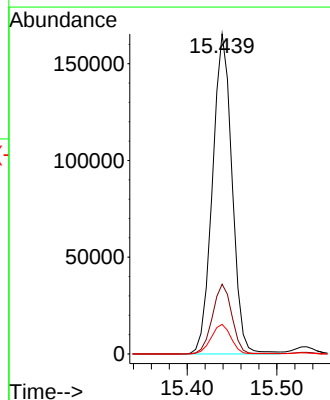
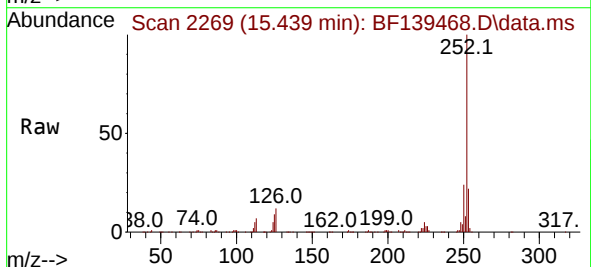
Tgt Ion:252 Resp: 250680

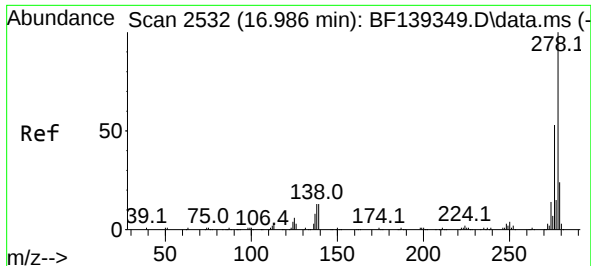
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.3 6.8 10.2





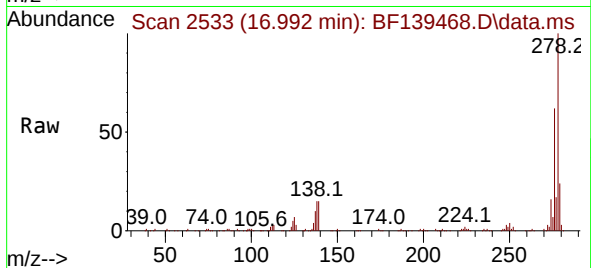
#91
Dibenzo(a,h)anthracene
Concen: 41.808 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

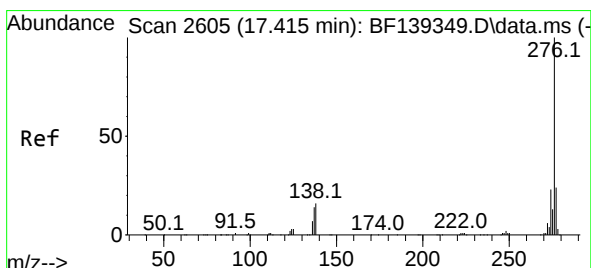
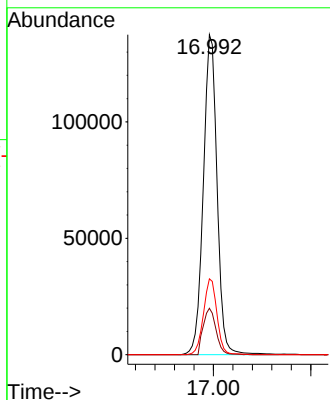
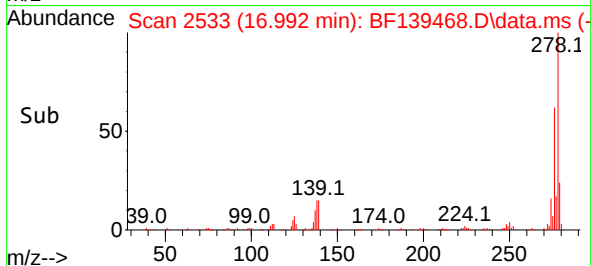


Tgt Ion:278 Resp: 268828
Ion Ratio Lower Upper
278 100
139 14.5 10.2 15.2
279 23.7 18.9 28.3

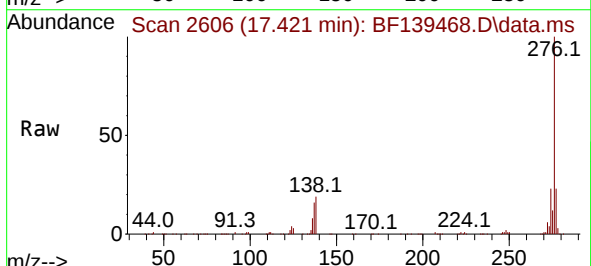
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.986 ng
RT: 17.421 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF139468.D
Acq: 19 Sep 2024 17:19



Tgt Ion:276 Resp: 286406
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 18.5 13.0 19.6

