

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091324\
 Data File : BF139349.D
 Acq On : 13 Sep 2024 16:53
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 02:16:16 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 02:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52723	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	182509	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	98703	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194097	20.000	ng	0.00
76) Chrysene-d12	14.033	240	109489	20.000	ng	0.00
86) Perylene-d12	15.498	264	106513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	256515	81.391	ng	0.00
7) Phenol-d6	6.504	99	337081	80.116	ng	0.00
23) Nitrobenzene-d5	7.445	82	321670	91.690	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	90543	106.232	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	588478	92.034	ng	0.00
79) Terphenyl-d14	12.980	244	590790	87.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	52091	35.492	ng	100
3) Pyridine	3.410	79	115745	32.671	ng	100
4) n-Nitrosodimethylamine	3.369	42	99237	43.135	ng	100
6) Aniline	6.569	93	125942m	32.552	ng	
8) 2-Chlorophenol	6.663	128	130959	40.094	ng	100
9) Benzaldehyde	6.428	77	87815	34.480	ng	100
10) Phenol	6.522	94	169642	38.225	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	119505	37.587	ng	100
12) 1,3-Dichlorobenzene	6.822	146	149106	40.331	ng	100
13) 1,4-Dichlorobenzene	6.898	146	150962	40.796	ng	100
14) 1,2-Dichlorobenzene	7.051	146	141725	41.065	ng	100
15) Benzyl Alcohol	7.016	79	135194	44.061	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	196996	32.548	ng	100
17) 2-Methylphenol	7.128	107	104016	38.985	ng	100
18) Hexachloroethane	7.393	117	57283	43.342	ng	100
19) n-Nitroso-di-n-propyla...	7.293	70	99024	40.865	ng	100
20) 3+4-Methylphenols	7.281	107	142417	42.353	ng	100
22) Acetophenone	7.287	105	196581	45.212	ng	100
24) Nitrobenzene	7.463	77	165350	44.406	ng	100
25) Isophorone	7.698	82	250157	41.707	ng	100
26) 2-Nitrophenol	7.775	139	66347	45.366	ng	100
27) 2,4-Dimethylphenol	7.810	122	85952	41.208	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	141226	39.520	ng	100
29) 2,4-Dichlorophenol	8.016	162	107629	43.097	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	124438	43.628	ng	100
31) Naphthalene	8.181	128	390544	42.255	ng	100
32) Benzoic acid	7.922	122	80333	42.284	ng	100
33) 4-Chloroaniline	8.234	127	123133	38.476	ng	100
34) Hexachlorobutadiene	8.298	225	84620	46.820	ng	100
35) Caprolactam	8.598	113	34107	44.115	ng	100
36) 4-Chloro-3-methylphenol	8.704	107	124337	45.688	ng	100
37) 2-Methylnaphthalene	8.875	142	248380	42.953	ng	100
38) 1-Methylnaphthalene	8.975	142	241525	42.469	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	122103	43.724	ng	100
41) Hexachlorocyclopentadiene	9.022	237	45137	50.294	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	83204	45.538	ng	100

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Manual Integrations
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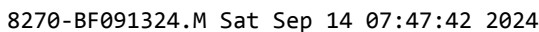
Quant Time: Sep 14 02:16:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	85716	44.767	ng	100
46) 1,1'-Biphenyl	9.334	154	318340	43.531	ng	100
47) 2-Chloronaphthalene	9.363	162	239859	43.438	ng	100
48) 2-Nitroaniline	9.457	65	89926	47.281	ng	100
49) Acenaphthylene	9.775	152	358182	43.067	ng	100
50) Dimethylphthalate	9.634	163	272789	45.599	ng	100
51) 2,6-Dinitrotoluene	9.698	165	61729	45.483	ng	100
52) Acenaphthene	9.945	154	254549	46.146	ng	100
53) 3-Nitroaniline	9.863	138	62889	43.492	ng	100
54) 2,4-Dinitrophenol	9.969	184	35233	60.625	ng	100
55) Dibenzofuran	10.116	168	351419	44.435	ng	100
56) 4-Nitrophenol	10.016	139	52194	48.904	ng	100
57) 2,4-Dinitrotoluene	10.098	165	85730	49.629	ng	100
58) Fluorene	10.463	166	290609	47.395	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	70914	47.051	ng	100
60) Diethylphthalate	10.334	149	284254	48.283	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	139089	47.037	ng	100
62) 4-Nitroaniline	10.481	138	68663	49.885	ng	100
63) Azobenzene	10.610	77	280849	45.262	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	45281	50.489	ng	100
66) n-Nitrosodiphenylamine	10.569	169	233278	41.289	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	80176	42.574	ng	100
68) Hexachlorobenzene	11.004	284	94276	43.730	ng	100
69) Atrazine	11.092	200	47081	36.119	ng	100
70) Pentachlorophenol	11.198	266	58297	46.813	ng	100
71) Phenanthrene	11.422	178	389660	42.974	ng	100
72) Anthracene	11.475	178	383110	43.252	ng	100
73) Carbazole	11.628	167	367107	44.344	ng	100
74) Di-n-butylphthalate	11.957	149	417404	49.242	ng	100
75) Fluoranthene	12.610	202	421114	46.325	ng	100
77) Benzidine	12.727	184	84080	38.138	ng	100
78) Pyrene	12.833	202	421208	39.824	ng	100
80) Butylbenzylphthalate	13.451	149	137311	55.148	ng	100
81) Benzo(a)anthracene	14.022	228	297337	42.529	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	81918	44.120	ng	100
83) Chrysene	14.057	228	270196	41.408	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	167358	57.267	ng	100
85) Di-n-octyl phthalate	14.621	149	247331	44.204	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	290402	43.643	ng	100
88) Benzo(b)fluoranthene	15.069	252	261127	42.570	ng	100
89) Benzo(k)fluoranthene	15.098	252	253691	46.126	ng	100
90) Benzo(a)pyrene	15.433	252	229237	44.011	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	233814	42.639	ng	100
92) Benzo(g,h,i)perylene	17.415	276	235706	41.642	ng	100

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

Manual Integrations

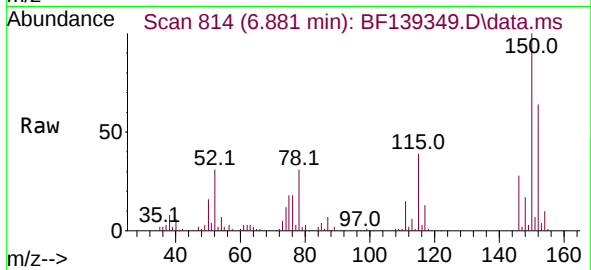
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

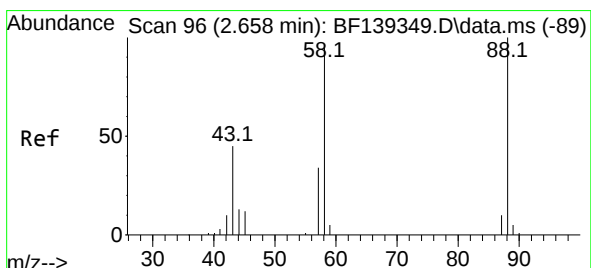
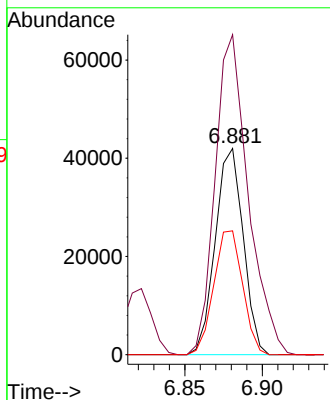
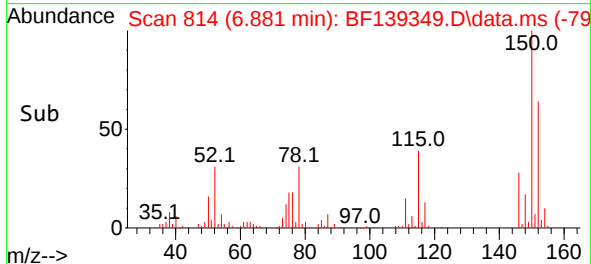
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 52723
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 60.1 48.1 72.1

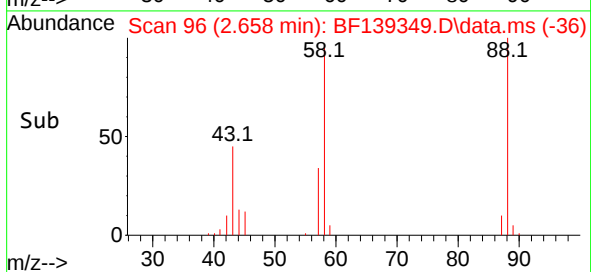
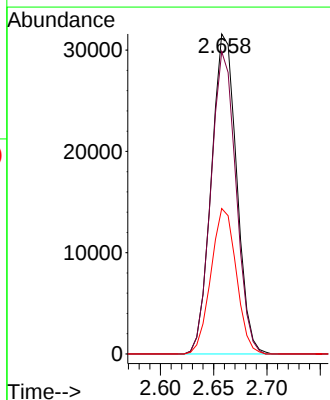
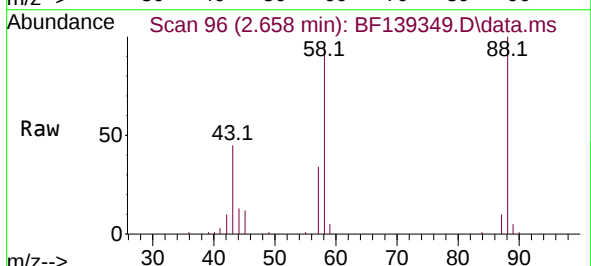
Manual Integrations
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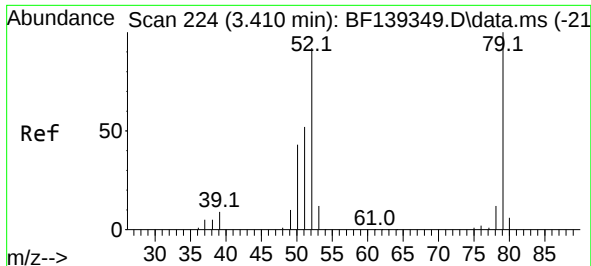
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#2
1,4-Dioxane
Concen: 35.492 ng
RT: 2.658 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion: 88 Resp: 52091
Ion Ratio Lower Upper
88 100
58 93.5 74.8 112.2
43 45.5 36.4 54.6





#3

Pyridine

Concen: 32.671 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

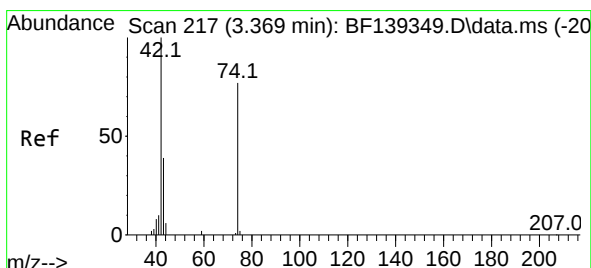
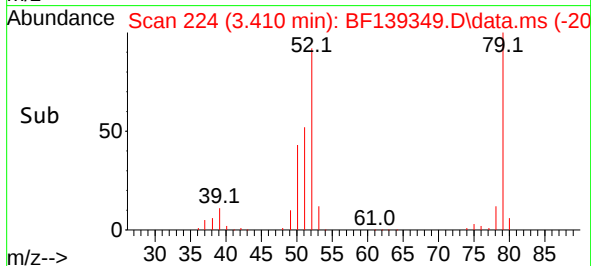
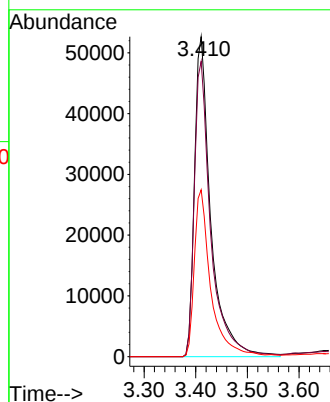
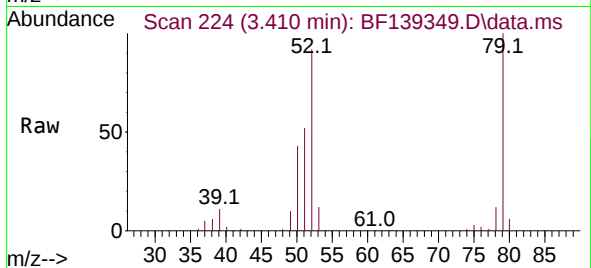
Tgt Ion:	79	Resp:	11574
Ion	Ratio	Lower	Upper
79	100		
52	92.3	73.8	110.8
51	52.2	41.8	62.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/16/2024



#4

n-Nitrosodimethylamine

Concen: 43.135 ng

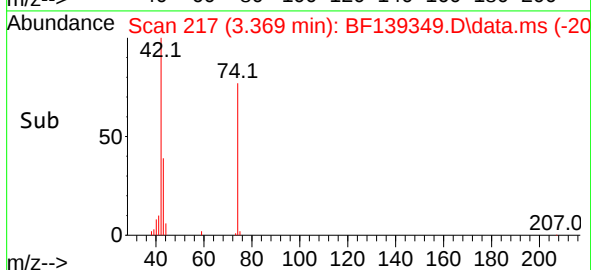
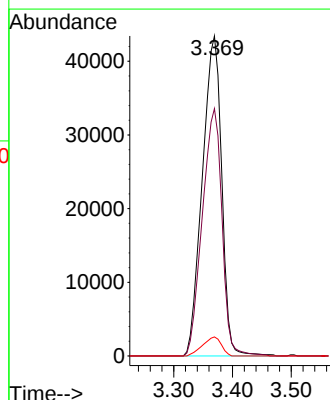
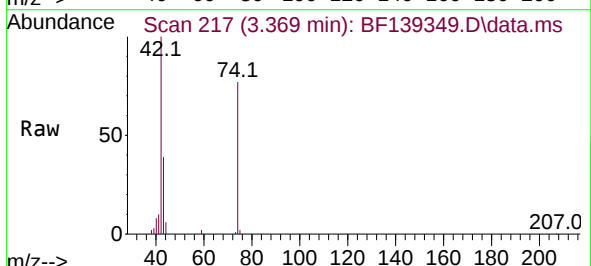
RT: 3.369 min Scan# 217

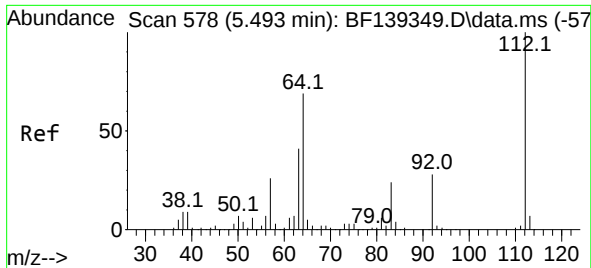
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:	42	Resp:	99237
Ion	Ratio	Lower	Upper
42	100		
74	77.3	61.8	92.8
44	6.0	4.8	7.2





#5
2-Fluorophenol
Concen: 81.391 ng
RT: 5.493 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

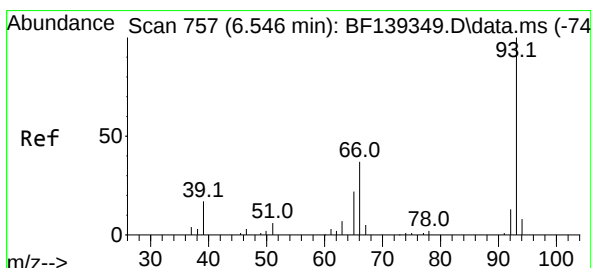
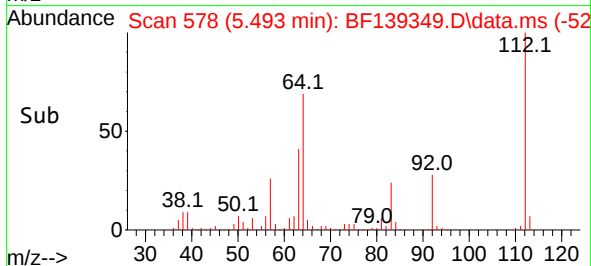
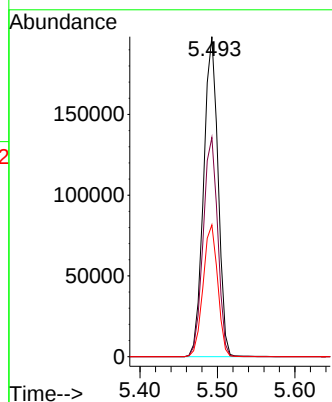
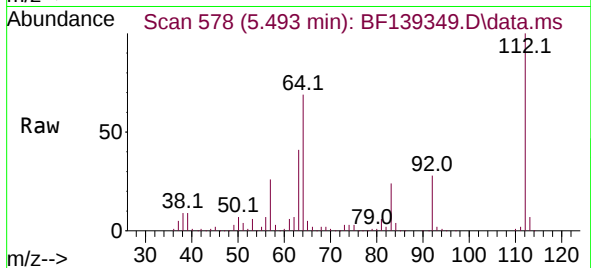
SSTDICCC040

Tgt Ion:112 Resp: 25651
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 41.2 33.0 49.4

Manual Integrations

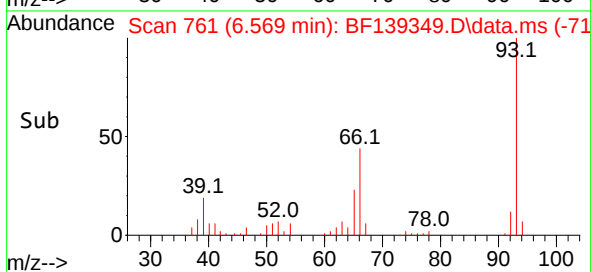
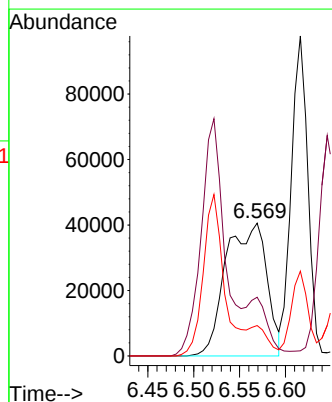
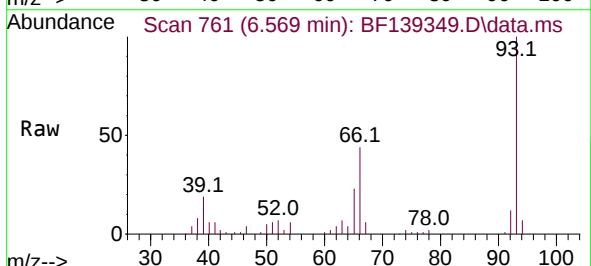
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#6
Aniline
Concen: 32.552 ng m
RT: 6.569 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

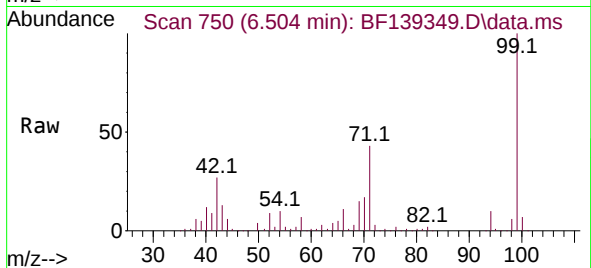
Tgt Ion: 93 Resp: 125942
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 22.8 18.2 27.4





#7
Phenol-d6
Concen: 80.116 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

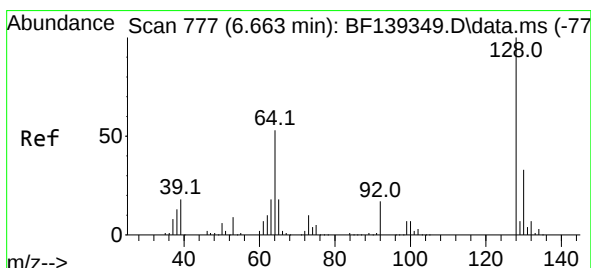
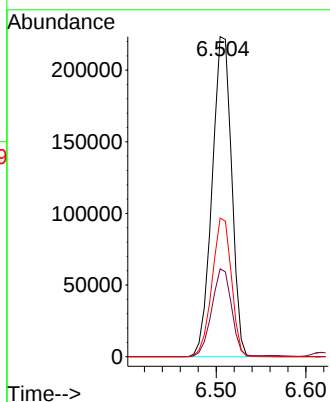
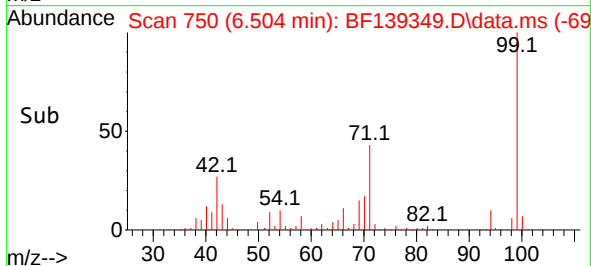
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 33708
Ion Ratio Lower Upper
99 100
42 27.4 21.9 32.9
71 43.3 34.6 52.0

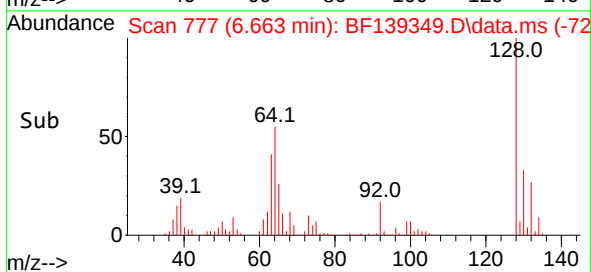
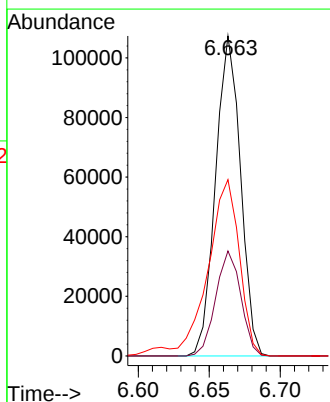
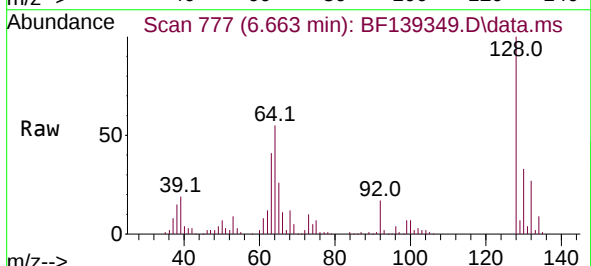
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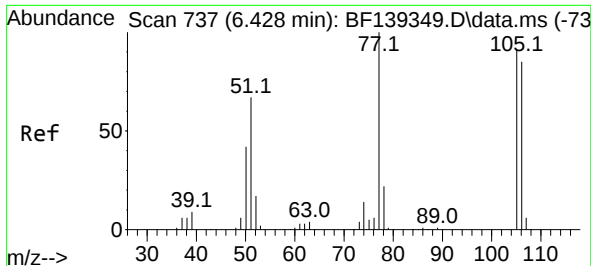
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#8
2-Chlorophenol
Concen: 40.094 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:128 Resp: 130959
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 55.1 35.1 75.1





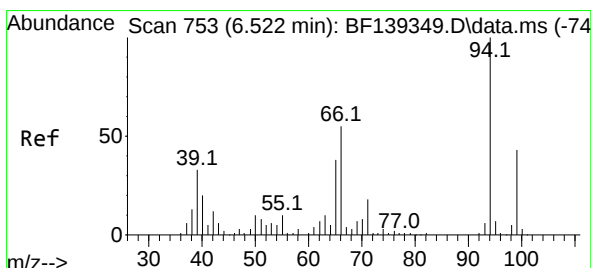
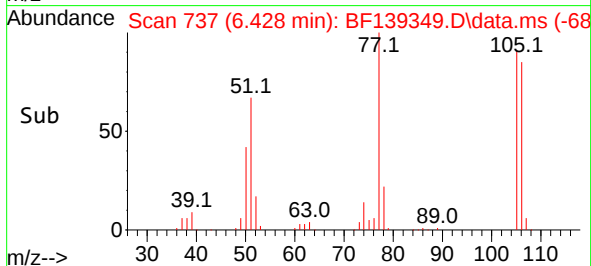
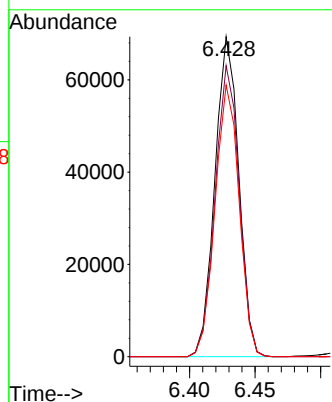
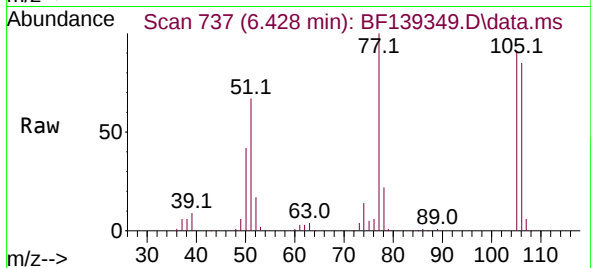
#9
Benzaldehyde
Concen: 34.480 ng
RT: 6.428 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 87815
Ion Ratio Lower Upper
77 100
105 91.0 71.0 111.0
106 84.9 64.9 104.9

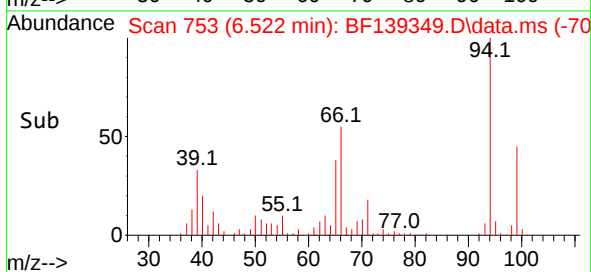
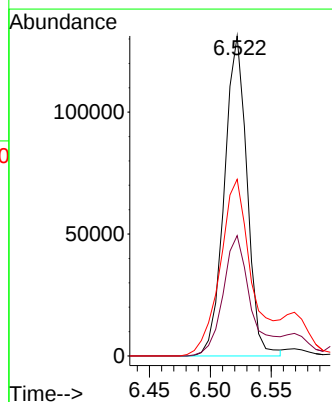
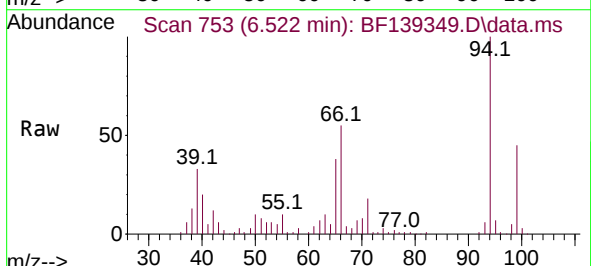
Manual Integrations
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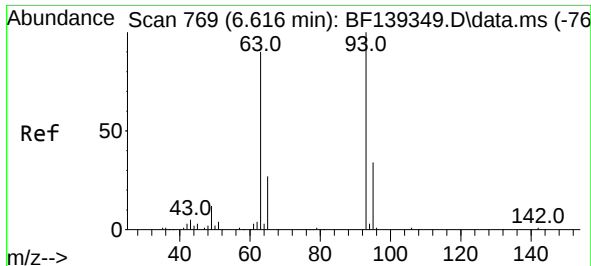
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#10
Phenol
Concen: 38.225 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

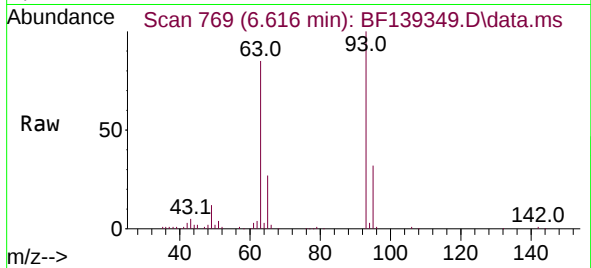
Tgt Ion: 94 Resp: 169642
Ion Ratio Lower Upper
94 100
65 37.6 17.6 57.6
66 55.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 37.587 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

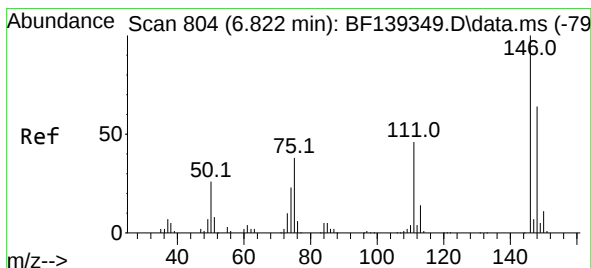
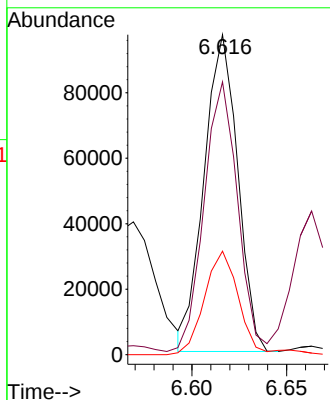
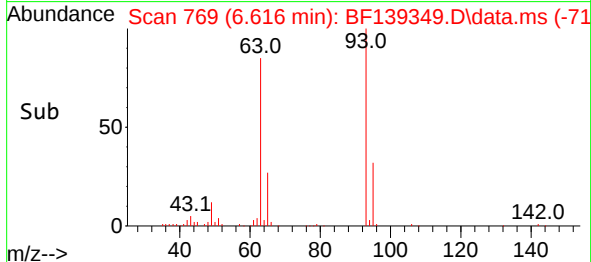
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



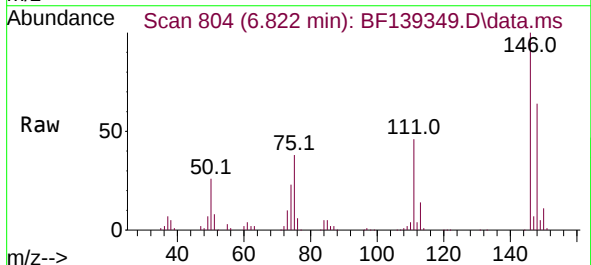
Tgt Ion: 93 Resp: 11950
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 32.4 12.4 52.4

Manual Integrations
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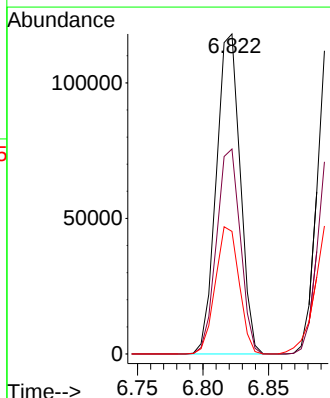
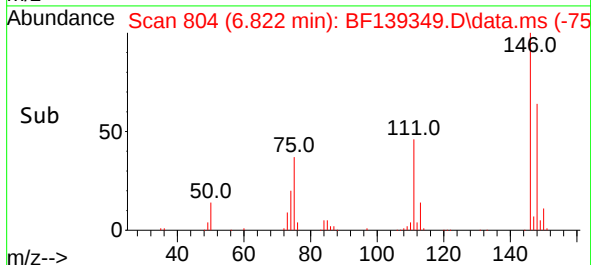
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#12
1,3-Dichlorobenzene
Concen: 40.331 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:146 Resp: 149106
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 38.3 30.6 46.0





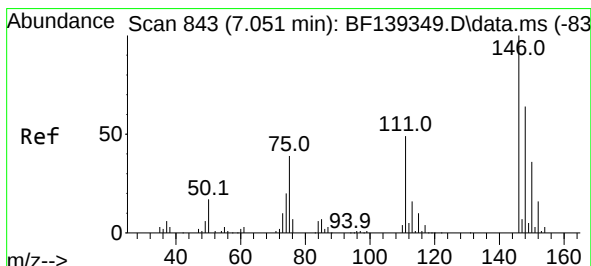
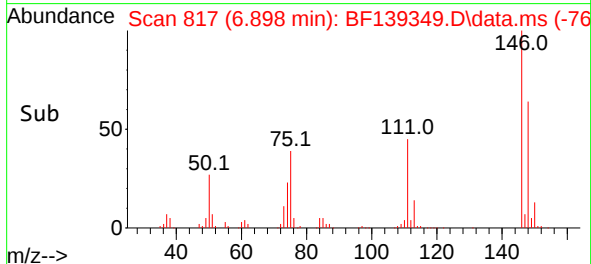
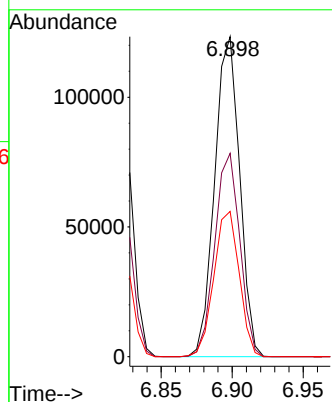
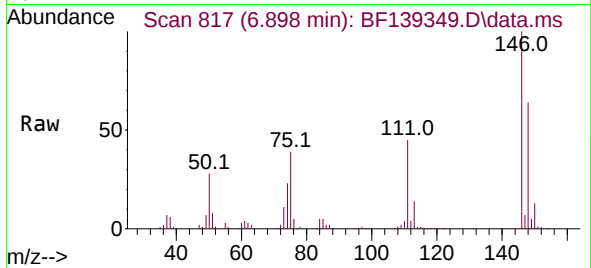
#13
1,4-Dichlorobenzene
Concen: 40.796 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 150962
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 45.4 36.3 54.5

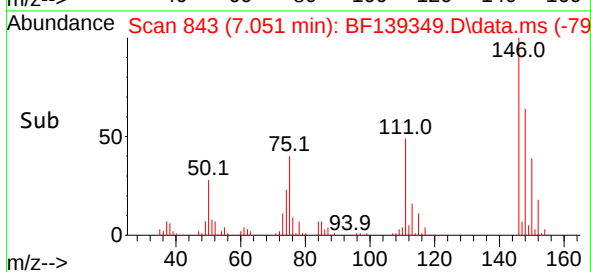
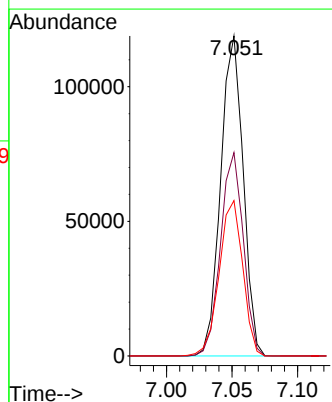
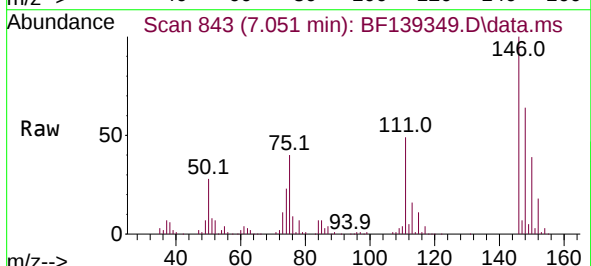
Manual Integrations
APPROVED

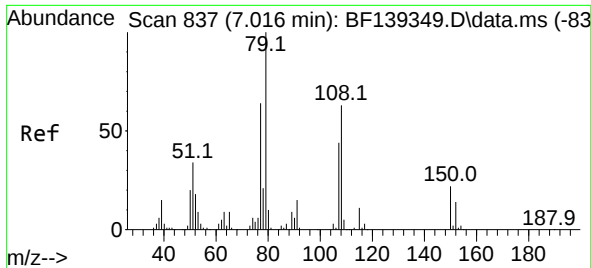
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#14
1,2-Dichlorobenzene
Concen: 41.065 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

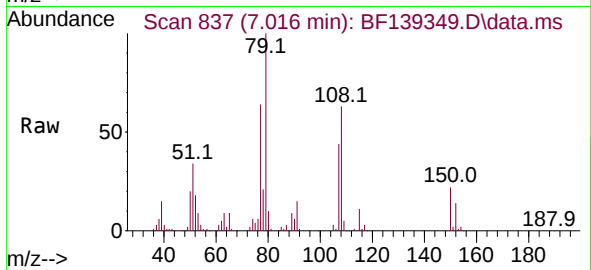
Tgt Ion:146 Resp: 141725
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 48.6 38.9 58.3





#15
Benzyl Alcohol
Concen: 44.061 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

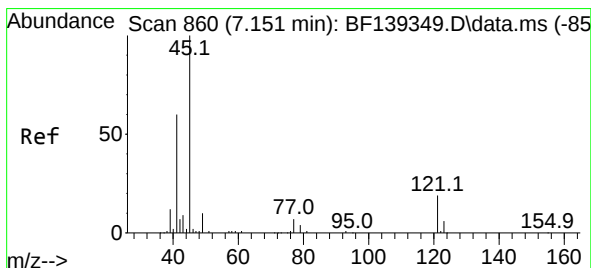
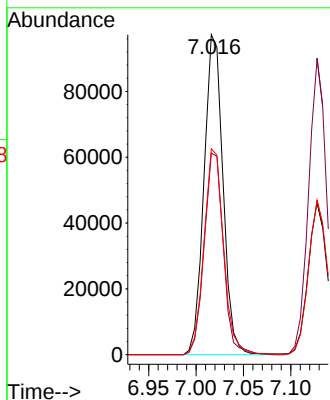
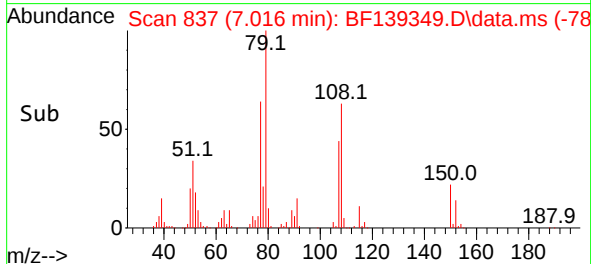
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



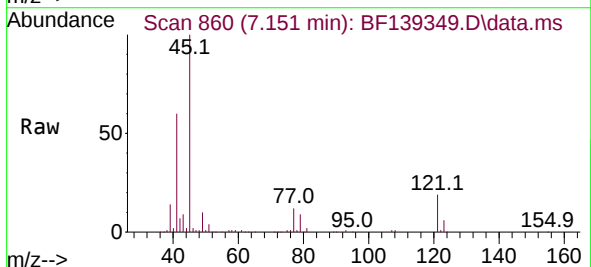
Tgt Ion: 79 Resp: 135194
Ion Ratio Lower Upper
79 100
108 63.0 50.4 75.6
77 64.3 51.4 77.2

Manual Integrations
APPROVED

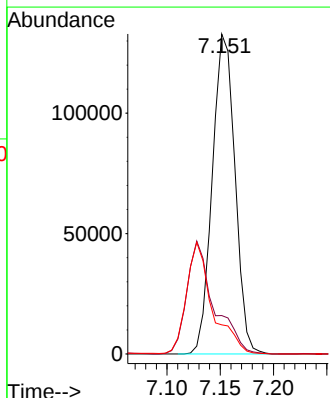
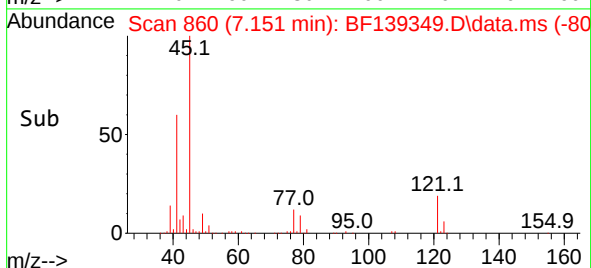
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

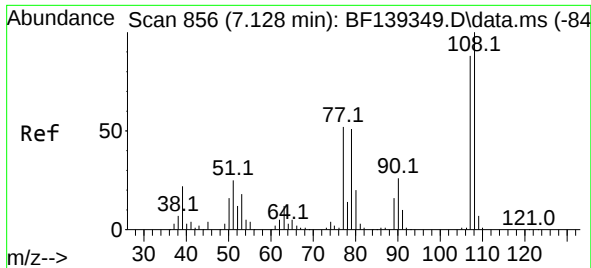


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.548 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion: 45 Resp: 196996
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.1 0.0 29.1





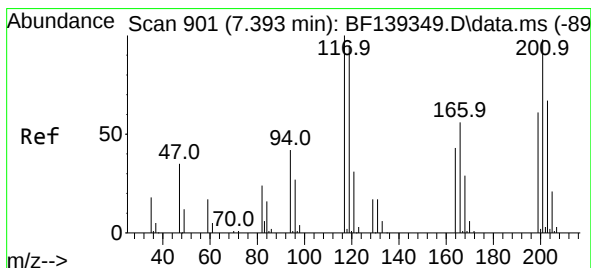
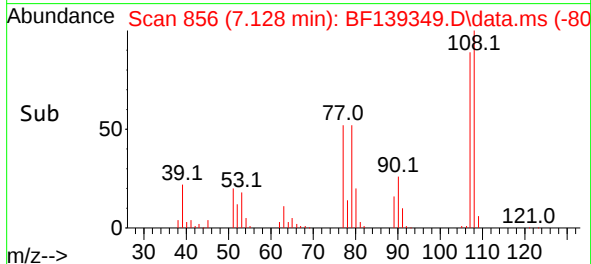
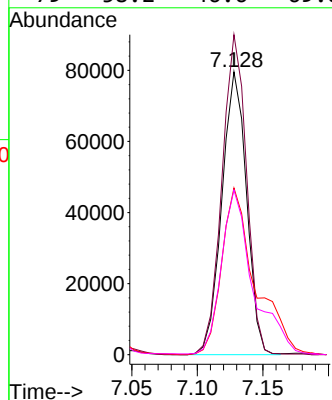
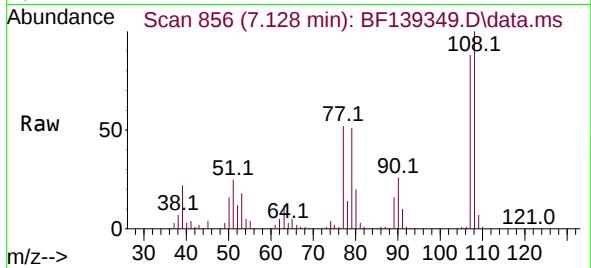
#17
2-Methylphenol
Concen: 38.985 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 104010
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 58.9 47.1 70.7
79 58.2 46.6 69.8

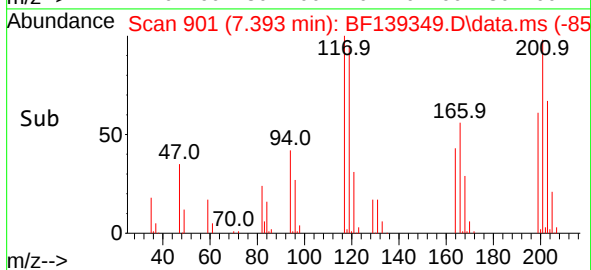
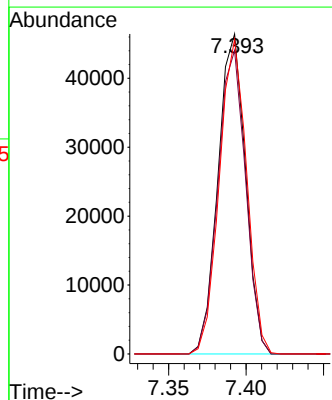
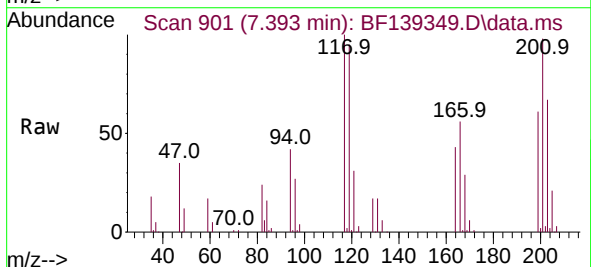
Manual Integrations
APPROVED

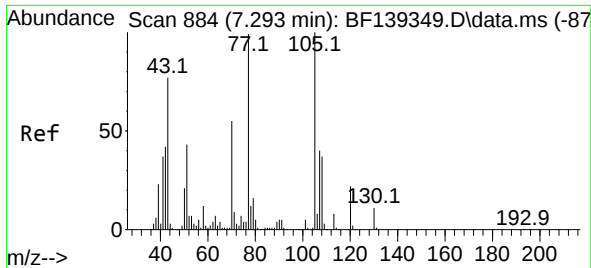
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#18
Hexachloroethane
Concen: 43.342 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:117 Resp: 57283
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
201 98.3 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.865 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

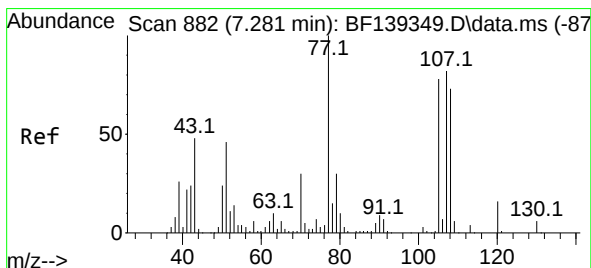
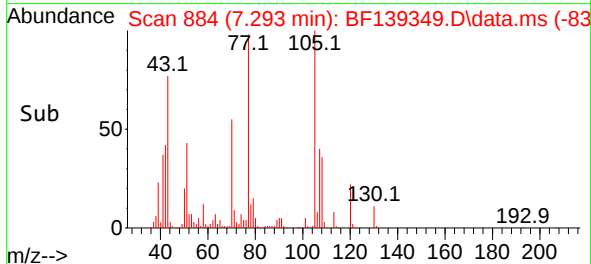
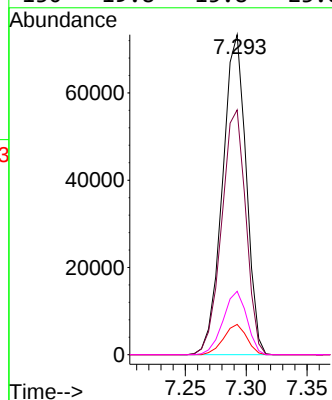
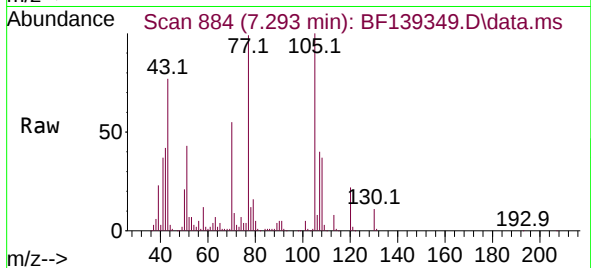
SSTDICCC040

Tgt Ion: 70 Resp: 99024
Ion Ratio Lower Upper
70 100
42 76.5 61.2 91.8
101 9.4 7.5 11.3
130 19.8 15.8 23.8

Manual Integrations

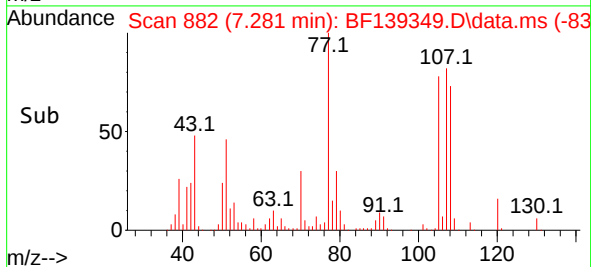
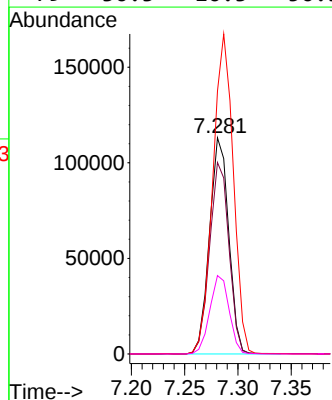
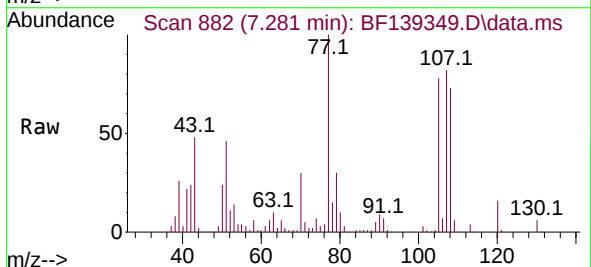
APPROVED

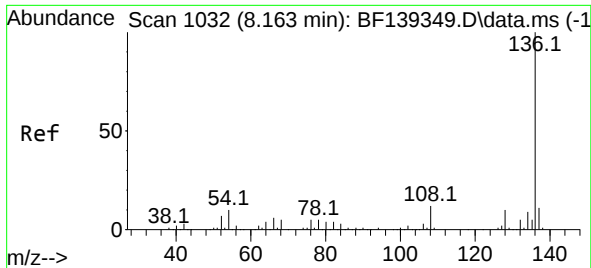
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#20
3+4-Methylphenols
Concen: 42.353 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:107 Resp: 142417
Ion Ratio Lower Upper
107 100
108 88.6 68.6 108.6
77 121.6 101.6 141.6
79 36.3 16.3 56.3





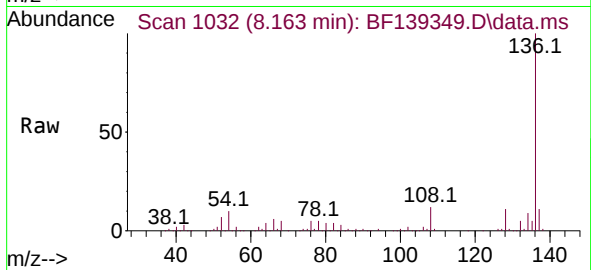
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



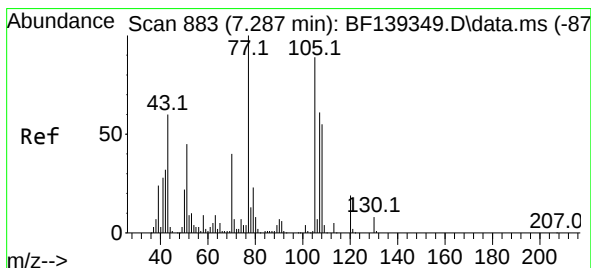
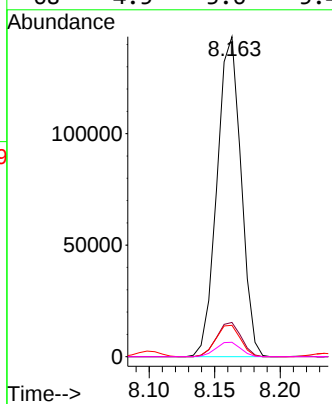
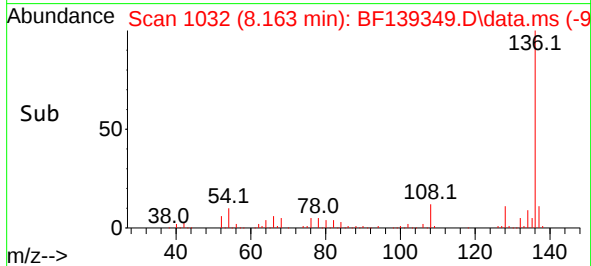
Tgt Ion:	136	Resp:	182509
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.8	7.8	11.8
68	4.5	3.6	5.4

Manual Integrations

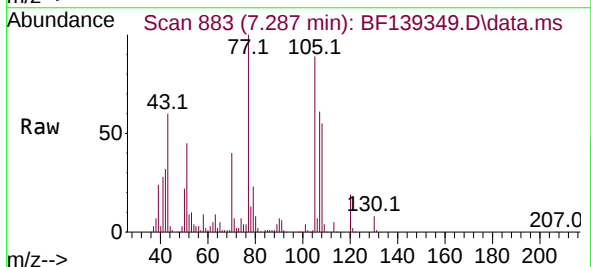
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

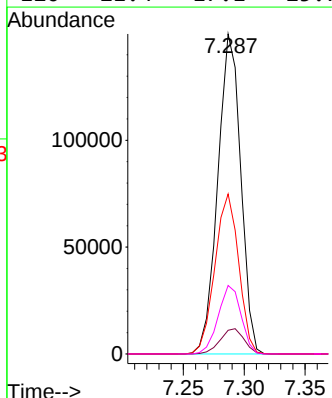
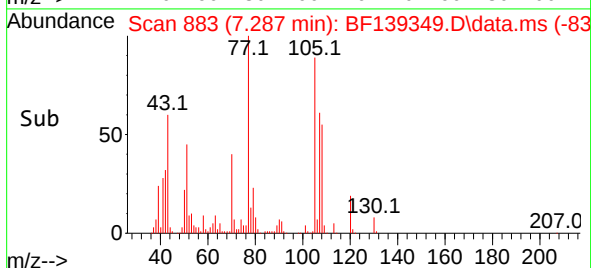
Supervised By :mohammad ahmed 09/16/2024



#22
Acetophenone
Concen: 45.212 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:	105	Resp:	196581
Ion Ratio	Lower	Upper	
105	100		
71	7.4	5.9	8.9
51	50.0	40.0	60.0
120	21.4	17.1	25.7





#23

Nitrobenzene-d5

Concen: 91.690 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

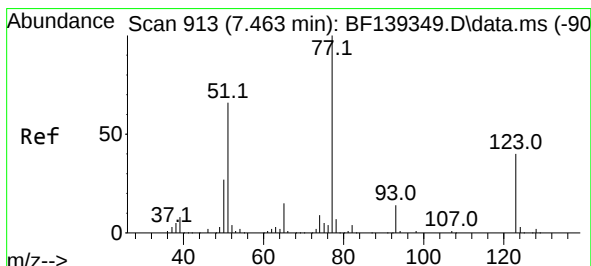
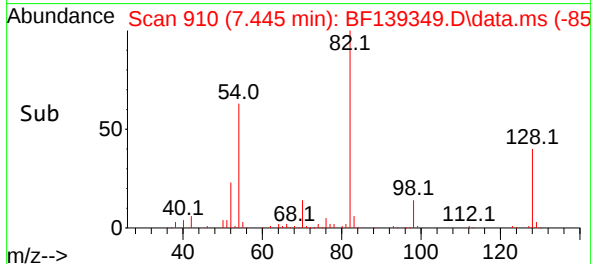
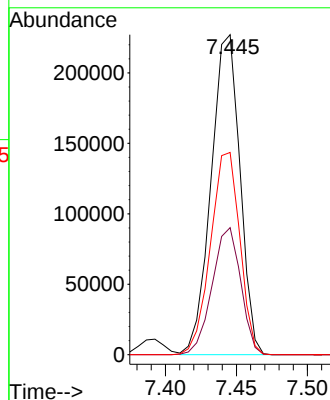
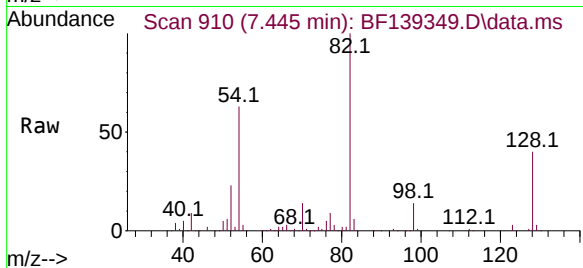
SSTDICCC040

Tgt Ion: 82 Resp: 321670
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.6
 54 63.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024



#24

Nitrobenzene

Concen: 44.406 ng

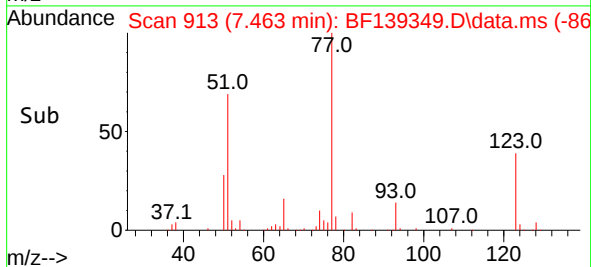
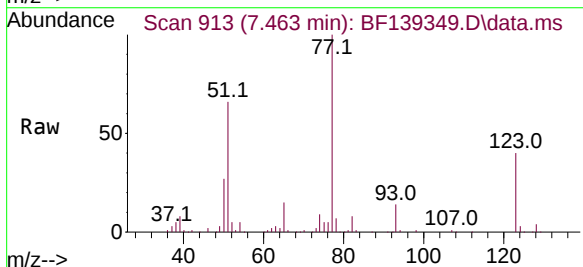
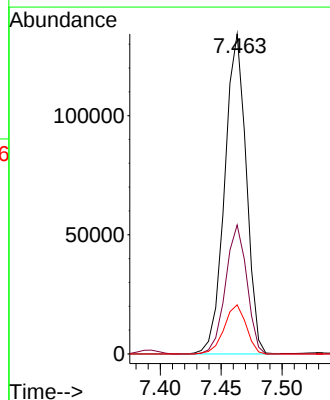
RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion: 77 Resp: 165350
 Ion Ratio Lower Upper
 77 100
 123 40.3 32.2 48.4
 65 15.3 12.2 18.4





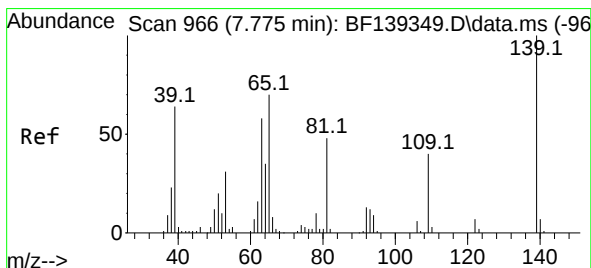
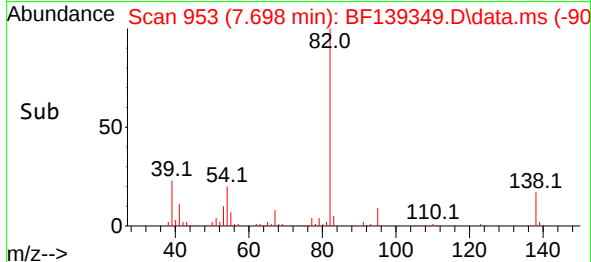
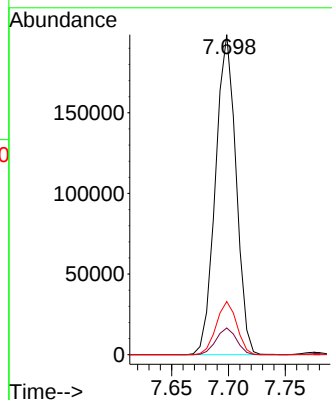
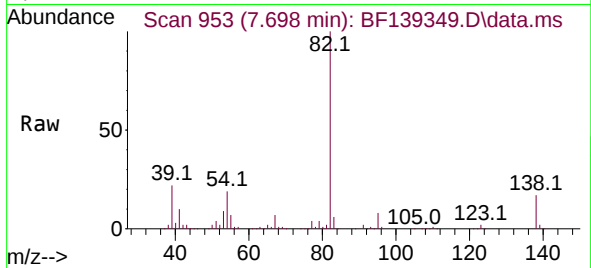
#25
Isophorone
Concen: 41.707 ng
RT: 7.698 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 25015
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 16.6 13.3 19.9

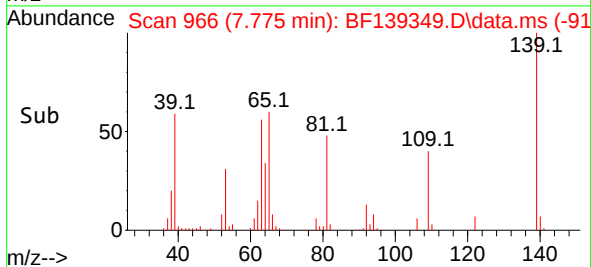
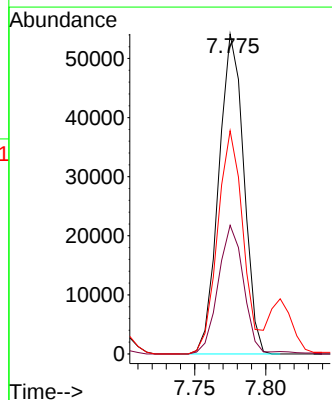
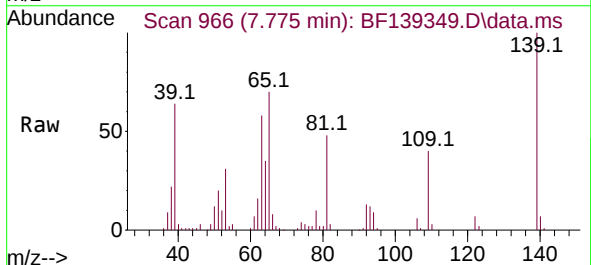
Manual Integrations
APPROVED

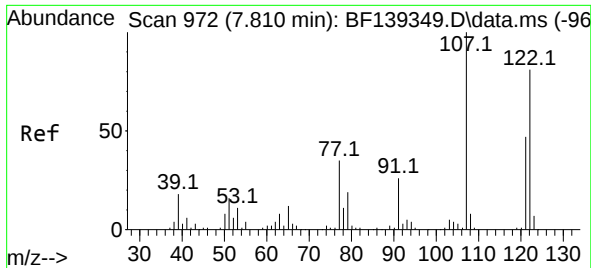
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#26
2-Nitrophenol
Concen: 45.366 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 66347
Ion Ratio Lower Upper
139 100
109 40.2 32.2 48.2
65 69.8 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 41.208 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

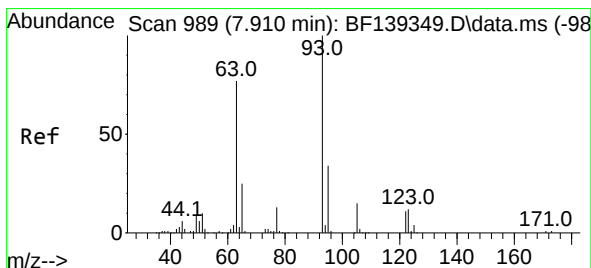
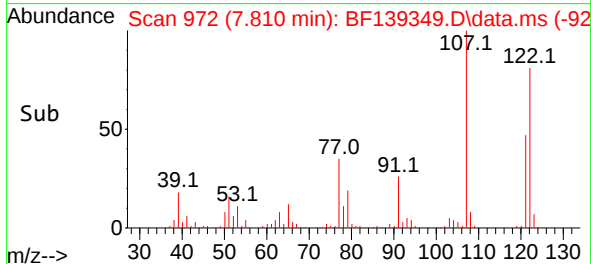
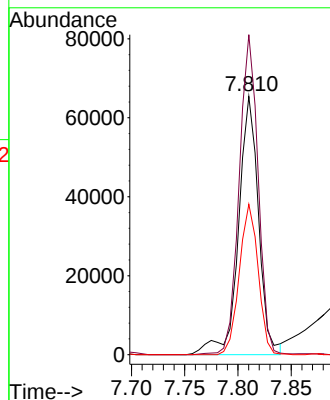
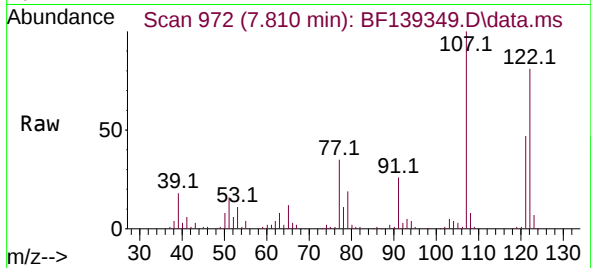
Tgt Ion:122 Resp: 85952
 Ion Ratio Lower Upper
 122 100
 107 123.9 99.1 148.7
 121 58.3 46.6 70.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.520 ng

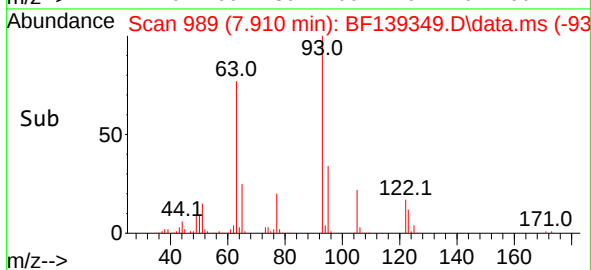
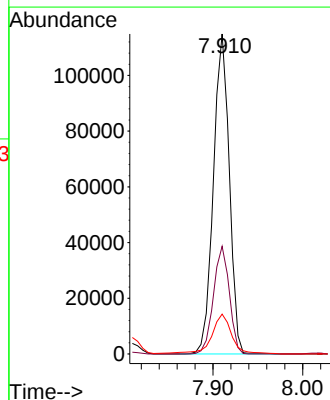
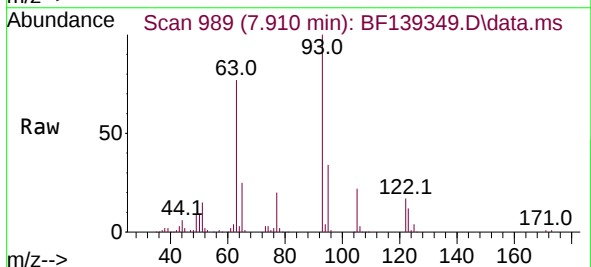
RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion: 93 Resp: 141226
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.9 40.3
 123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.097 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

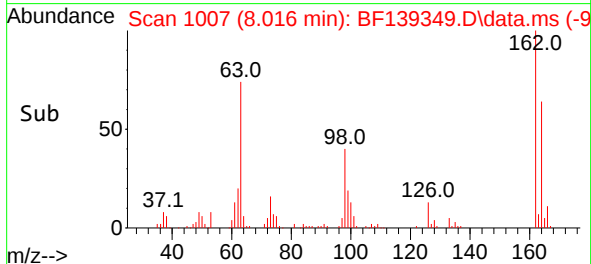
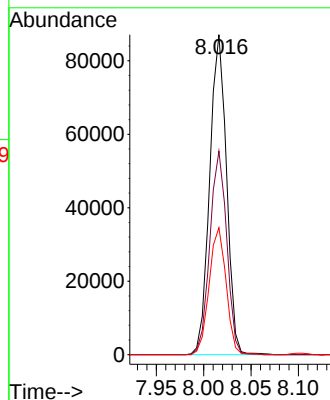
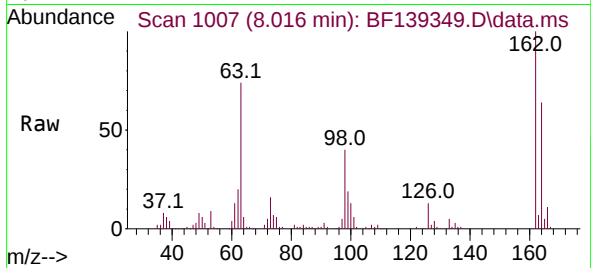
Tgt Ion:162 Resp: 107629
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.6 83.6
 98 39.7 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.628 ng

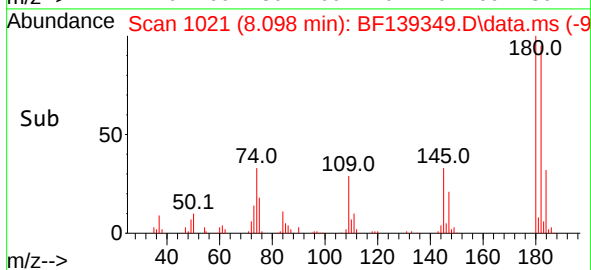
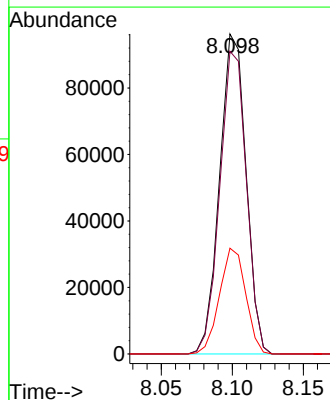
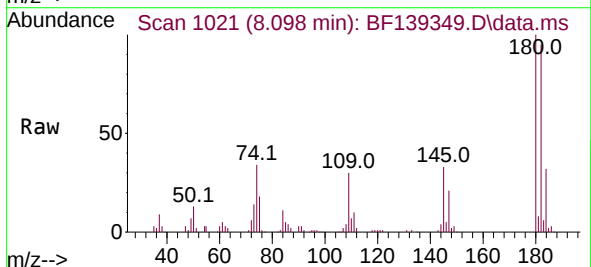
RT: 8.098 min Scan# 1021

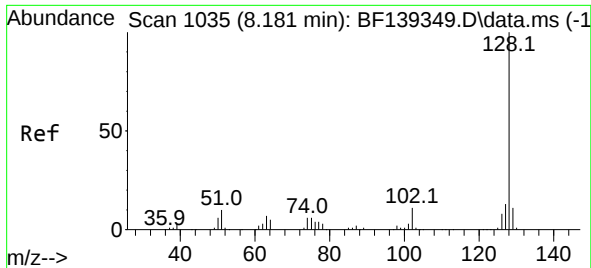
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

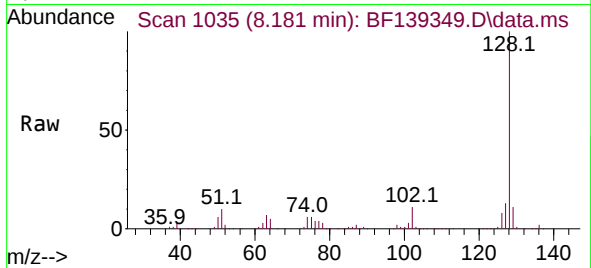
Tgt Ion:180 Resp: 124438
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 145 33.1 26.5 39.7





#31
Naphthalene
Concen: 42.255 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

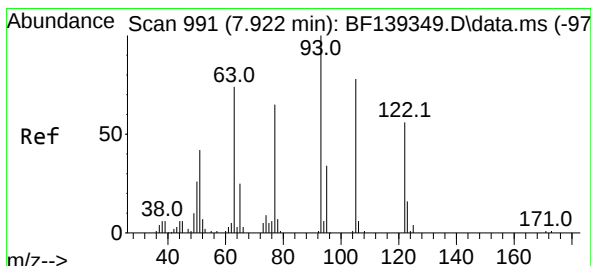
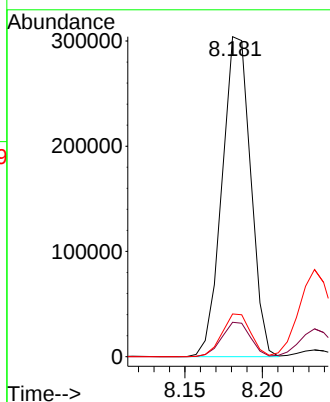
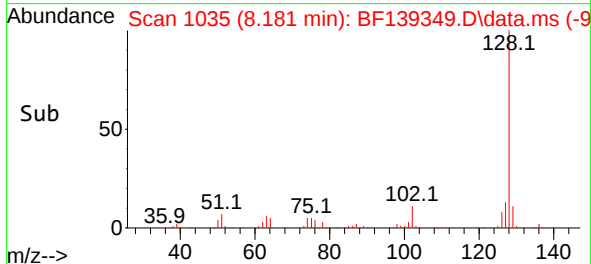
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 390544
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.3 10.6 16.0

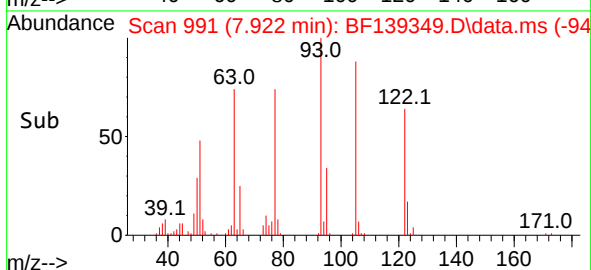
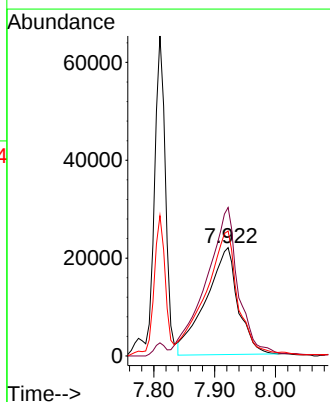
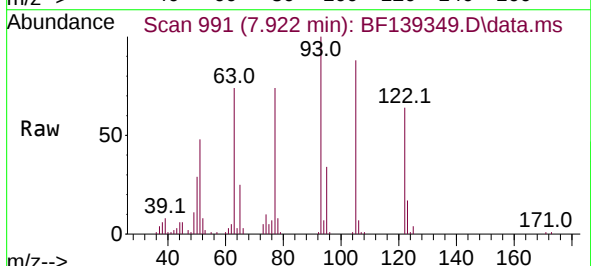
Manual Integrations
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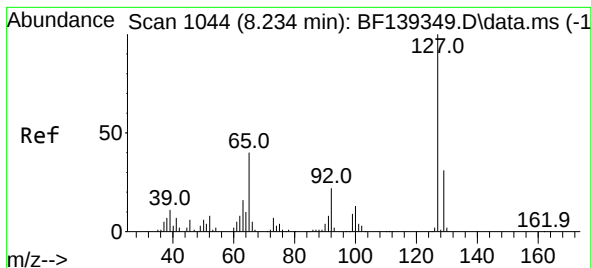
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#32
Benzoic acid
Concen: 42.284 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:122 Resp: 80333
Ion Ratio Lower Upper
122 100
105 137.1 117.1 157.1
77 115.4 95.4 135.4





#33
4-Chloroaniline
Concen: 38.476 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

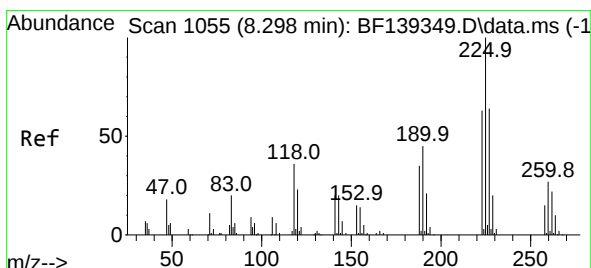
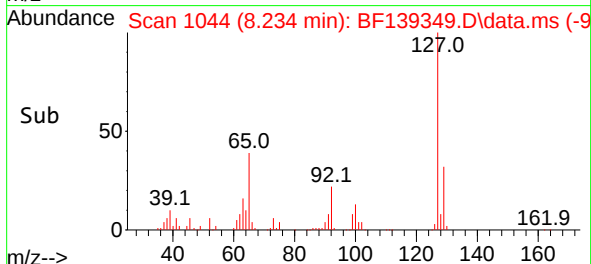
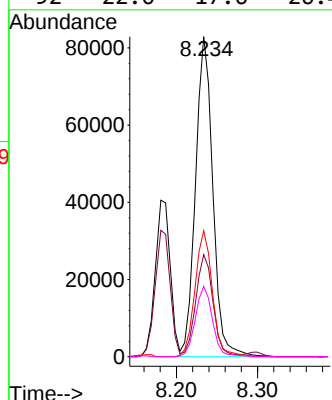
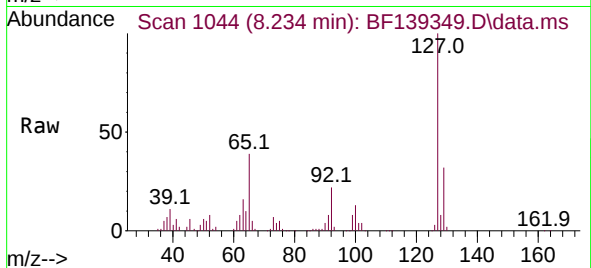
SSTDICCC040

Tgt Ion:127 Resp: 12313
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 39.4 31.5 47.3
92 22.0 17.6 26.4

Manual Integrations

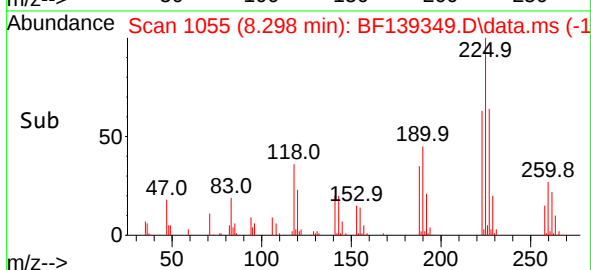
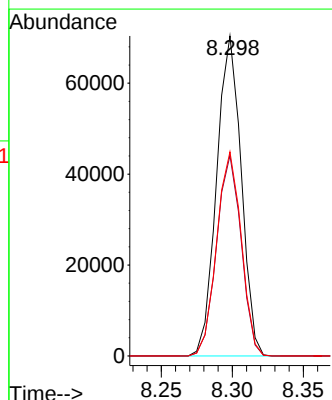
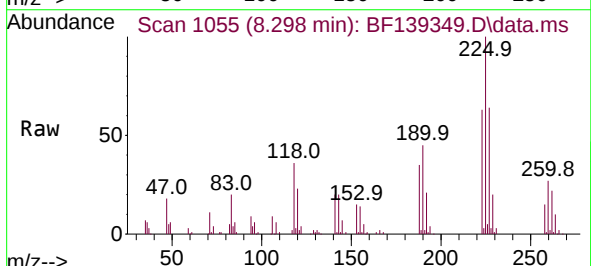
APPROVED

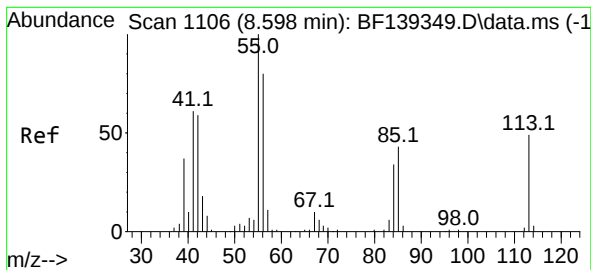
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#34
Hexachlorobutadiene
Concen: 46.820 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:225 Resp: 84620
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 63.8 51.0 76.6





#35

Caprolactam

Concen: 44.115 ng

RT: 8.598 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 3410

Ion Ratio Lower Upper

113 100

55 206.1 186.1 226.1

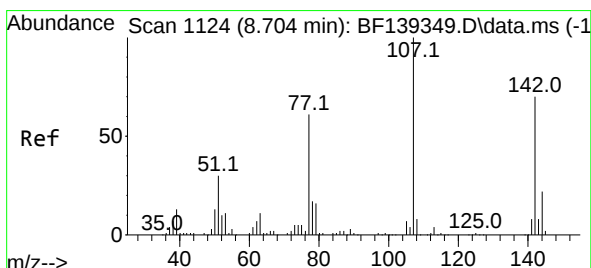
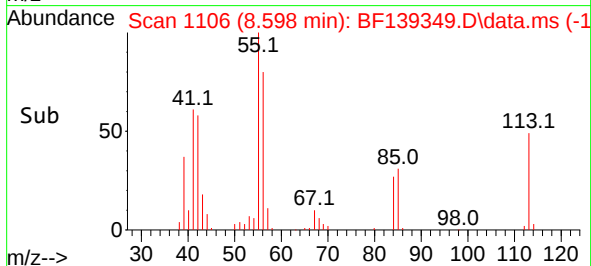
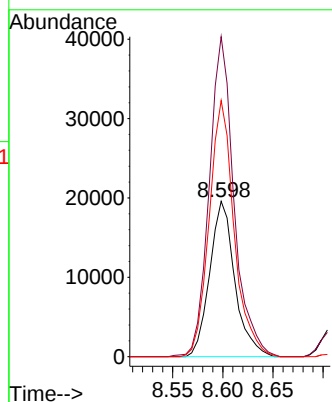
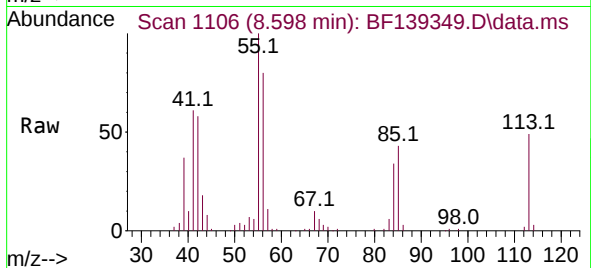
56 164.9 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#36

4-Chloro-3-methylphenol

Concen: 45.688 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

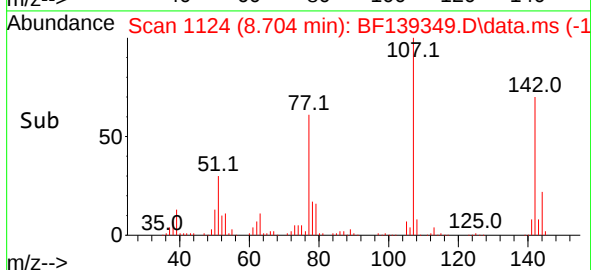
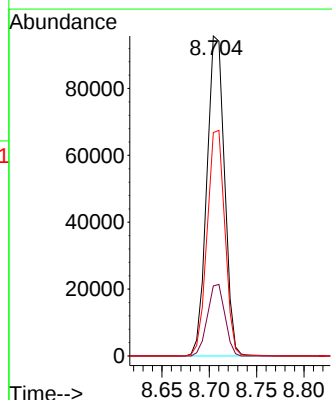
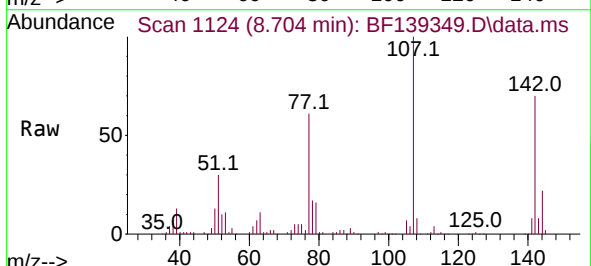
Tgt Ion:107 Resp: 124337

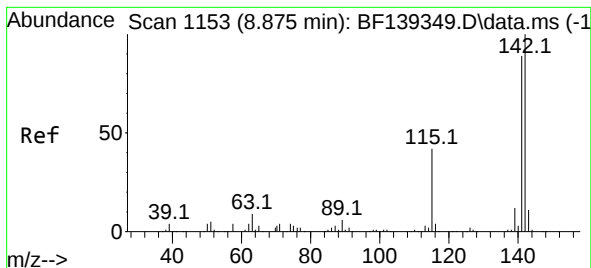
Ion Ratio Lower Upper

107 100

144 21.9 17.5 26.3

142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 42.953 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 248380

Ion Ratio Lower Upper

142 100

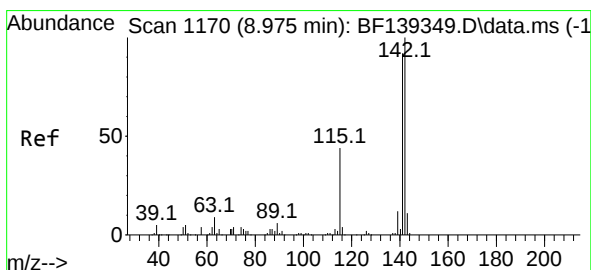
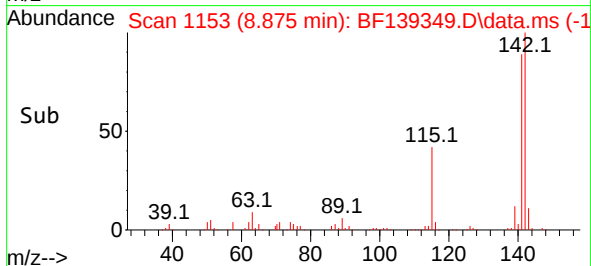
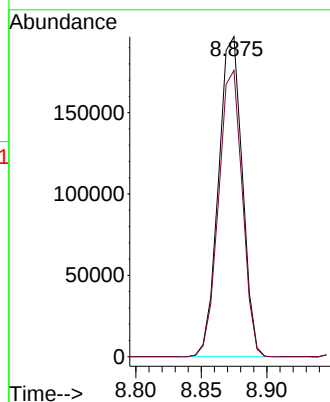
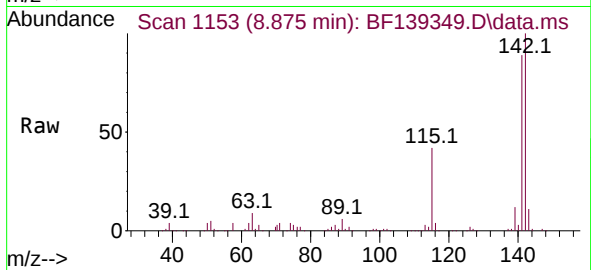
141 89.5 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#38

1-Methylnaphthalene

Concen: 42.469 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF139349.D

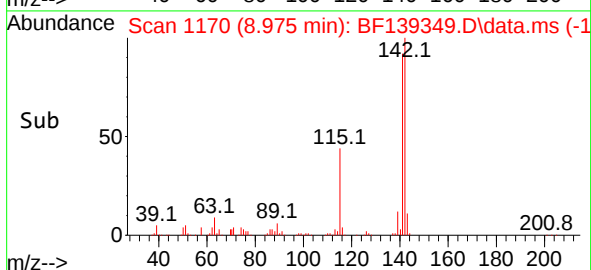
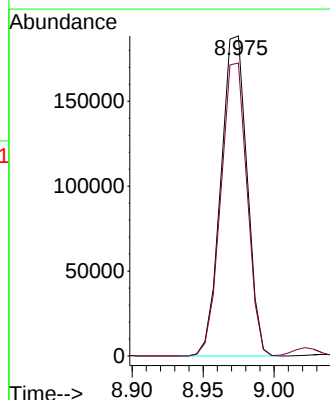
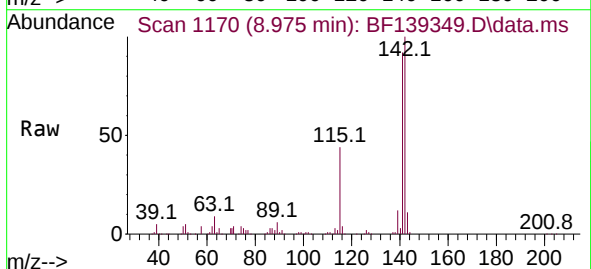
Acq: 13 Sep 2024 16:53

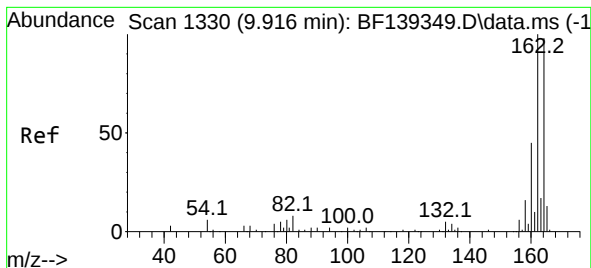
Tgt Ion:142 Resp: 241525

Ion Ratio Lower Upper

142 100

141 91.5 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

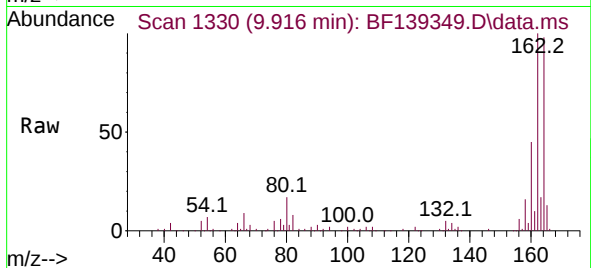
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 9870

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

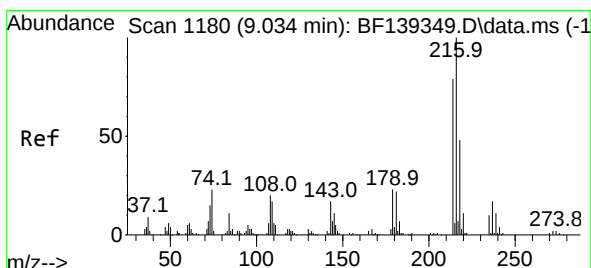
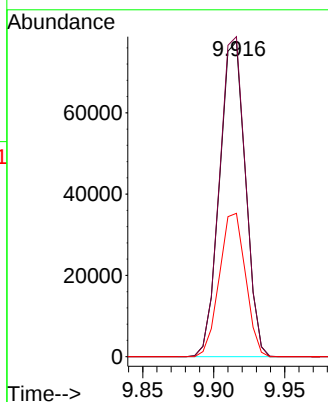
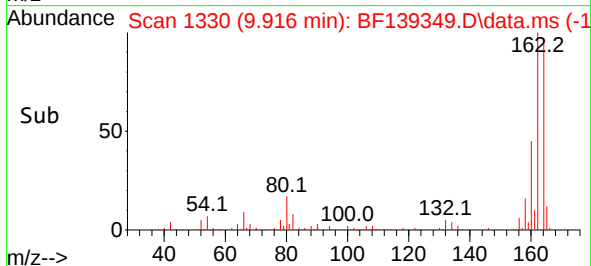
160 45.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.724 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:216 Resp: 122103

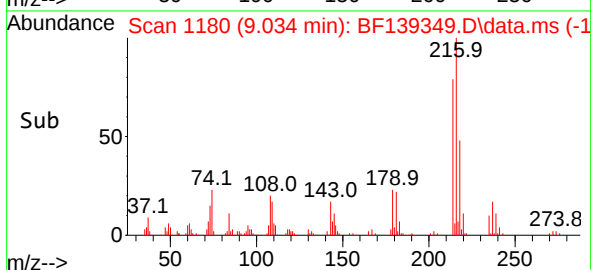
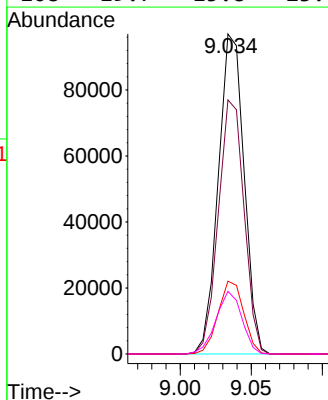
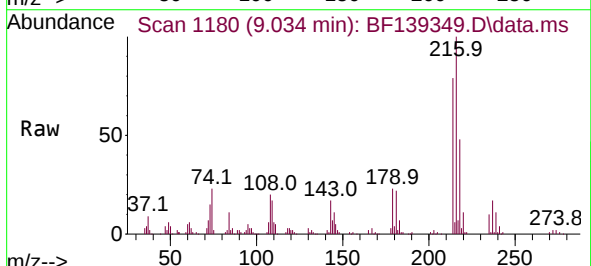
Ion Ratio Lower Upper

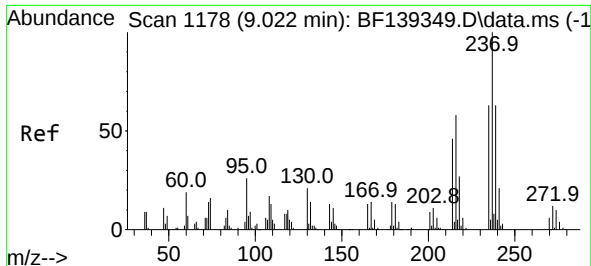
216 100

214 79.2 63.4 95.0

179 22.7 18.2 27.2

108 19.7 15.8 23.6





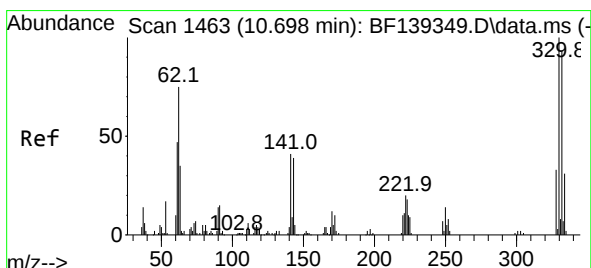
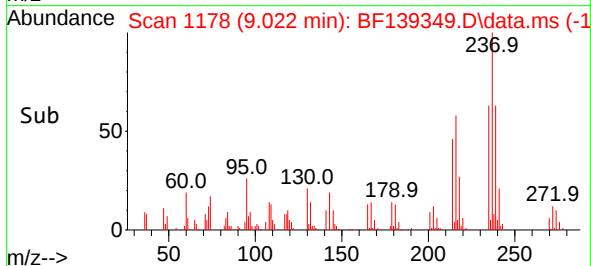
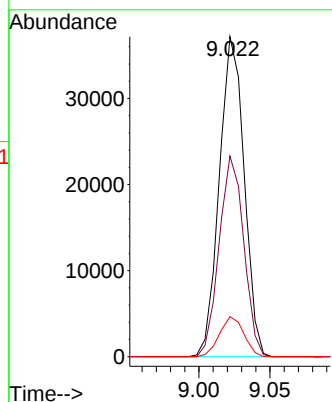
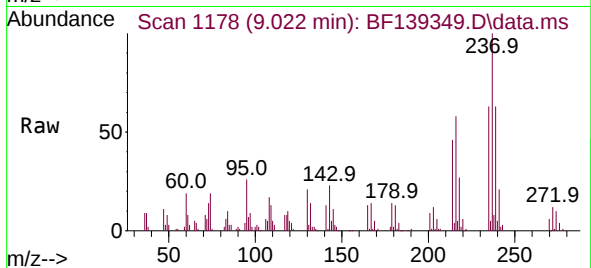
#41
Hexachlorocyclopentadiene
Concen: 50.294 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 4513
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 12.5 0.0 32.5

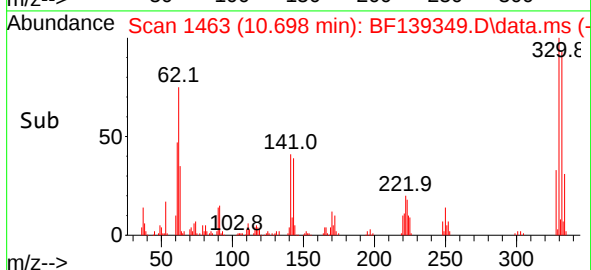
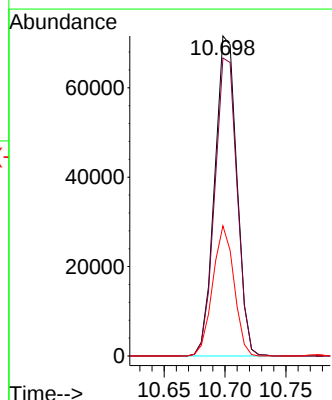
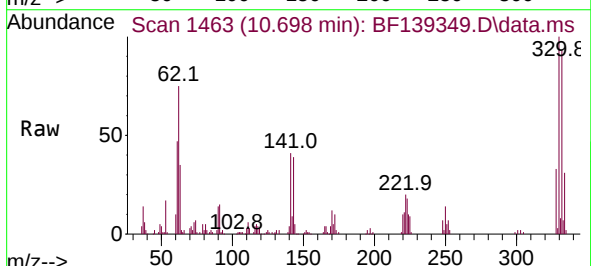
Manual Integrations
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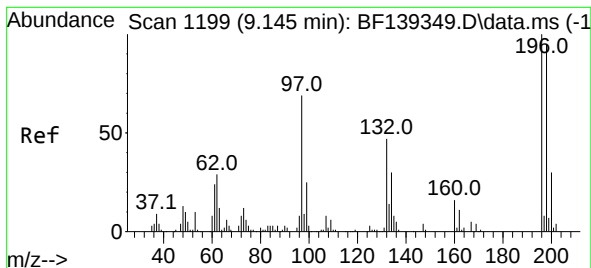
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#42
2,4,6-Tribromophenol
Concen: 106.232 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:330 Resp: 90543
Ion Ratio Lower Upper
330 100
332 94.0 75.2 112.8
141 39.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 45.538 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF139349.D

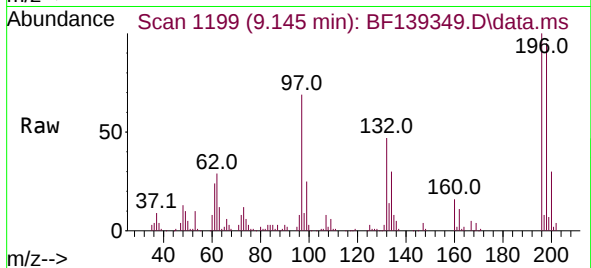
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 83204

Ion Ratio Lower Upper

196 100

198 94.7 75.8 113.6

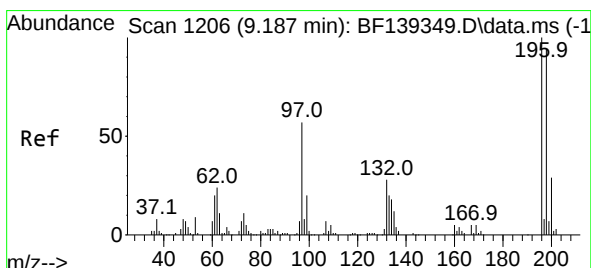
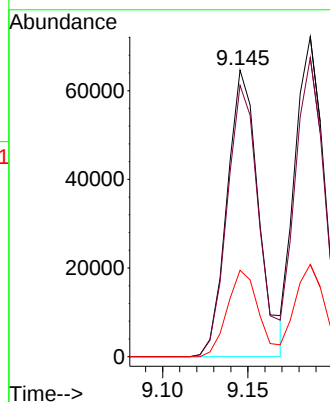
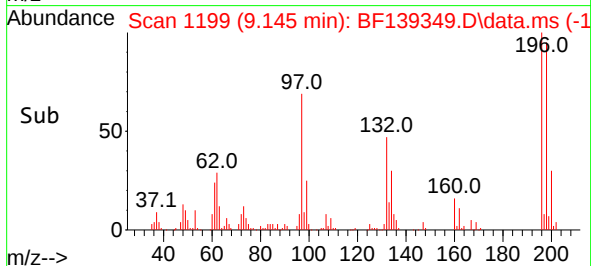
200 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#44

2,4,5-Trichlorophenol

Concen: 44.767 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:196 Resp: 85716

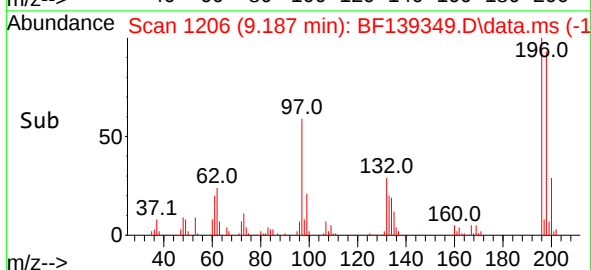
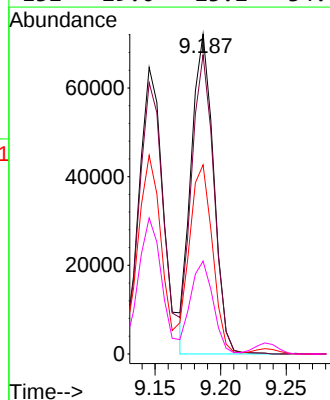
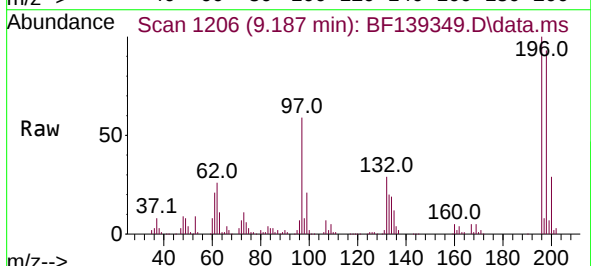
Ion Ratio Lower Upper

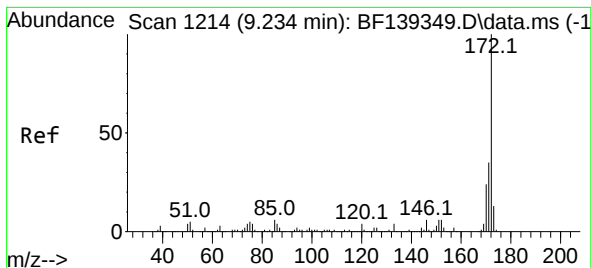
196 100

198 93.5 74.8 112.2

97 59.1 47.3 70.9

132 29.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 92.034 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 588478

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

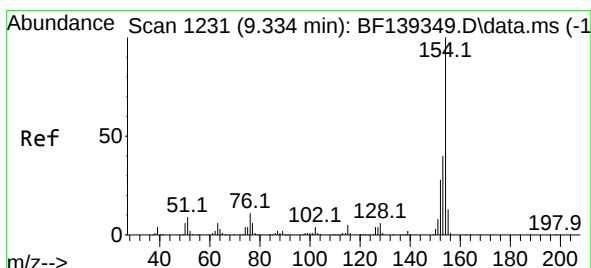
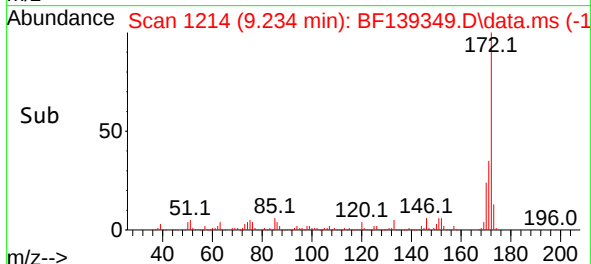
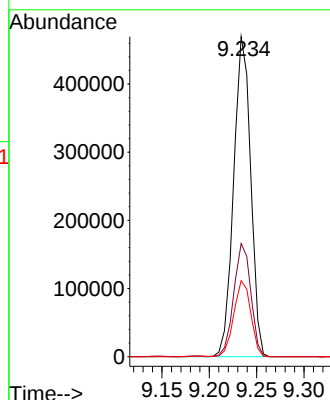
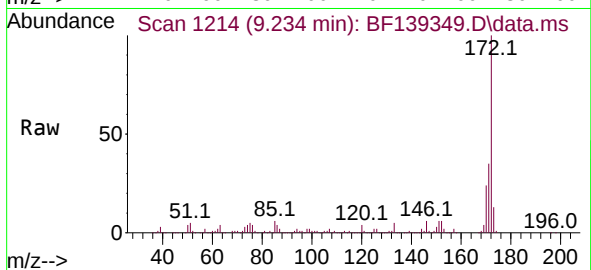
170 23.8 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#46

1,1'-Biphenyl

Concen: 43.531 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

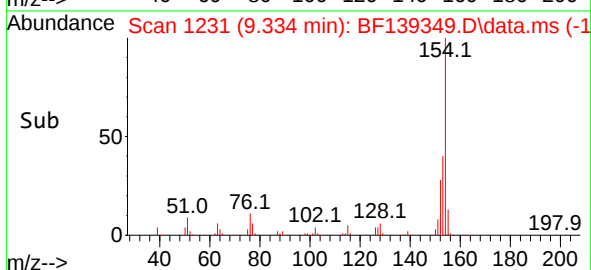
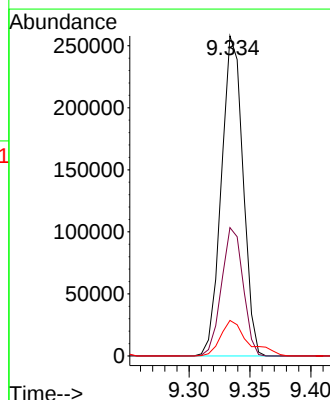
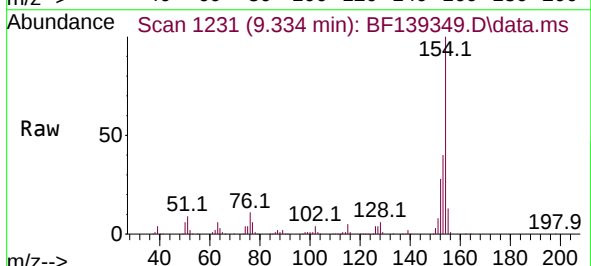
Tgt Ion:154 Resp: 318340

Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.438 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 239859

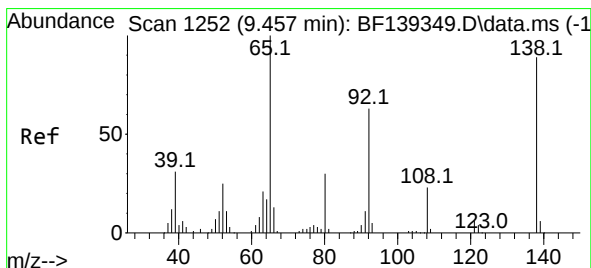
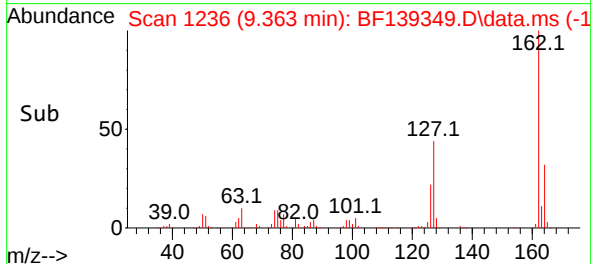
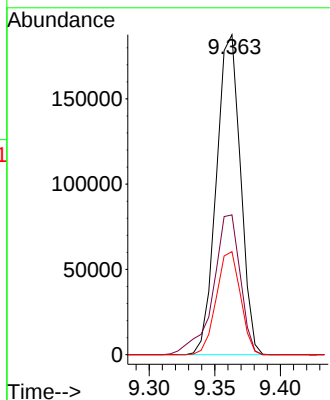
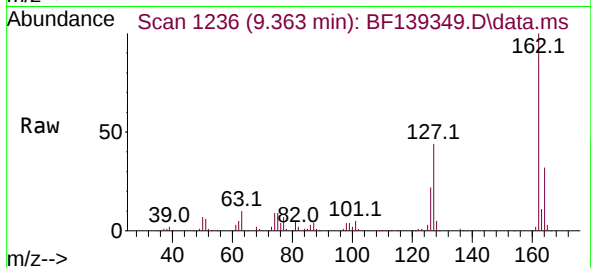
Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.0	52.4
164	32.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#48

2-Nitroaniline

Concen: 47.281 ng

RT: 9.457 min Scan# 1252

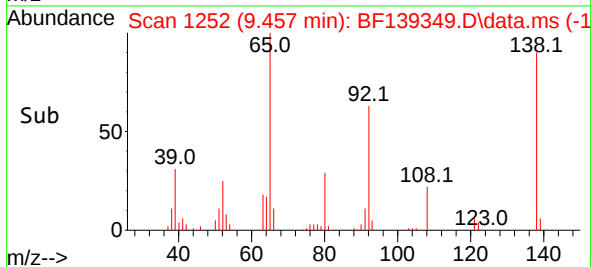
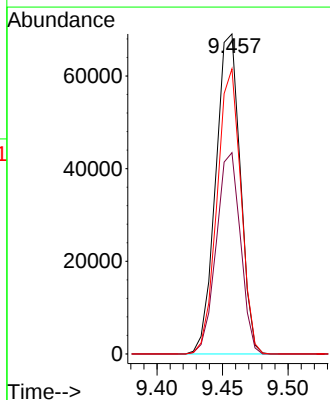
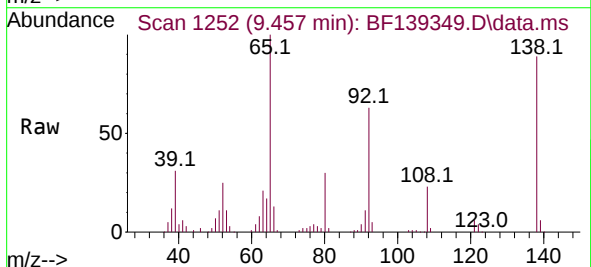
Delta R.T. 0.000 min

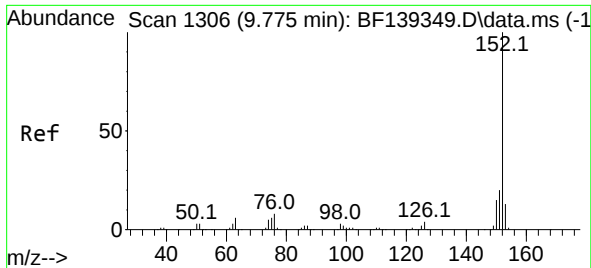
Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion: 65 Resp: 89926

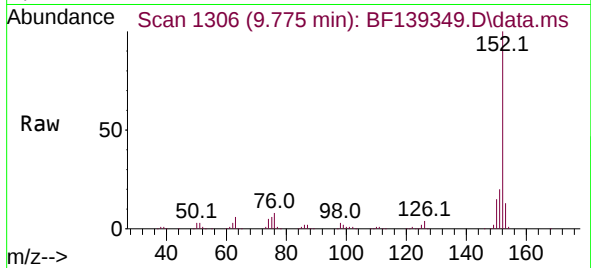
Ion	Ratio	Lower	Upper
65	100		
92	62.9	50.3	75.5
138	89.1	71.3	106.9





#49
Acenaphthylene
Concen: 43.067 ng
RT: 9.775 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

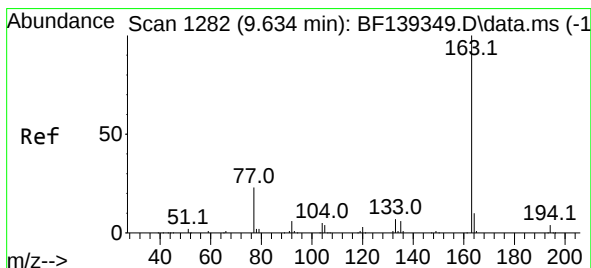
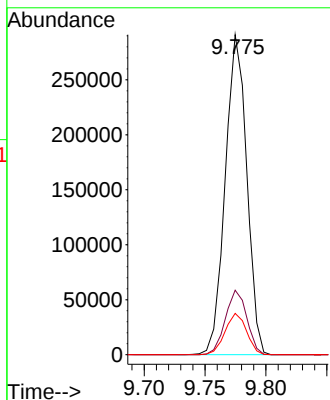
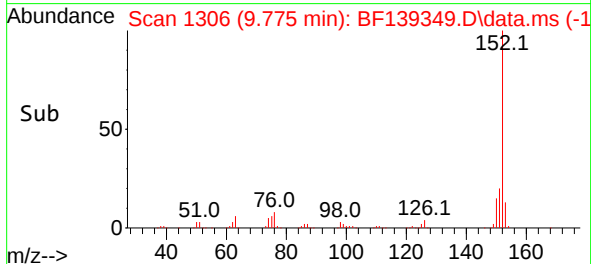
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



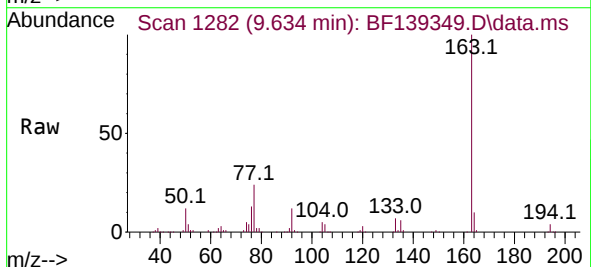
Tgt Ion:152 Resp: 35818
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.9 10.3 15.5

Manual Integrations
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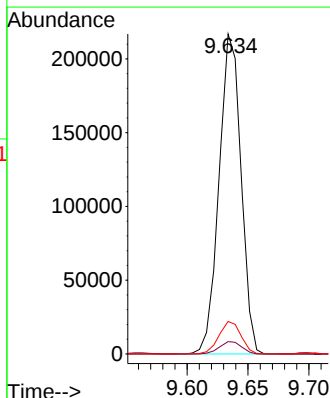
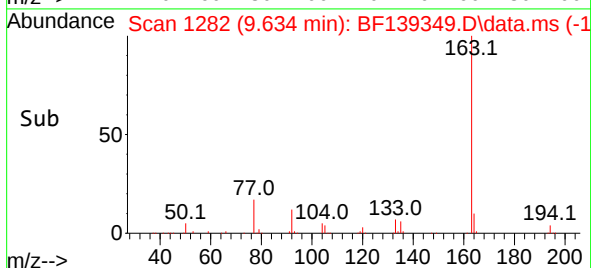
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

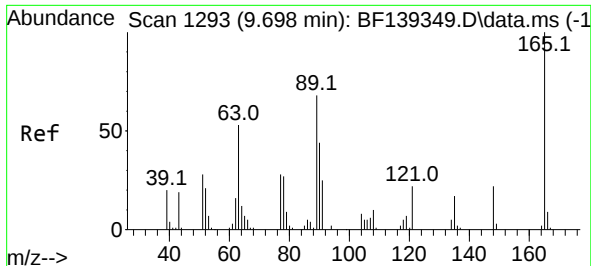


#50
Dimethylphthalate
Concen: 45.599 ng
RT: 9.634 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:163 Resp: 272789
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.2





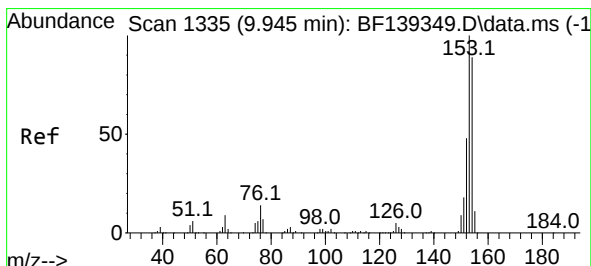
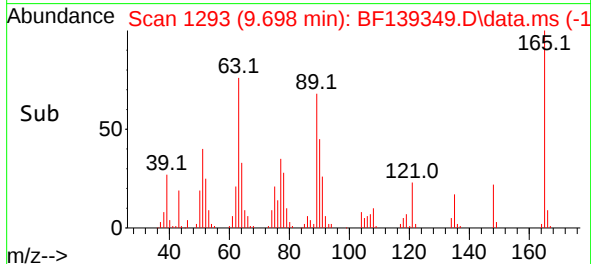
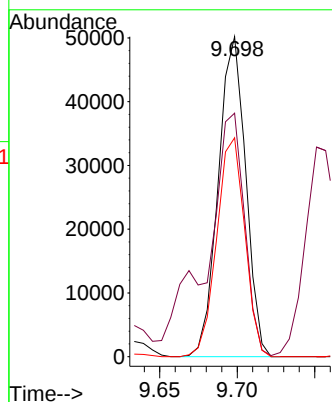
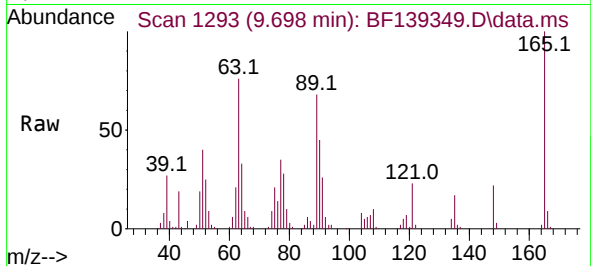
#51
2,6-Dinitrotoluene
Concen: 45.483 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 61729
Ion Ratio Lower Upper
165 100
63 76.1 60.9 91.3
89 68.4 54.7 82.1

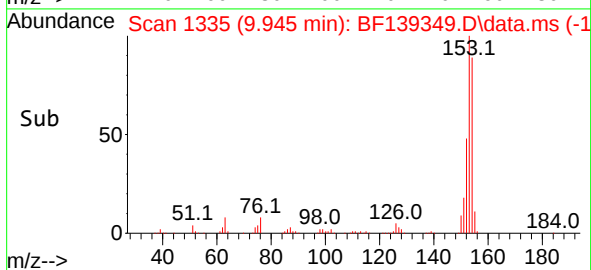
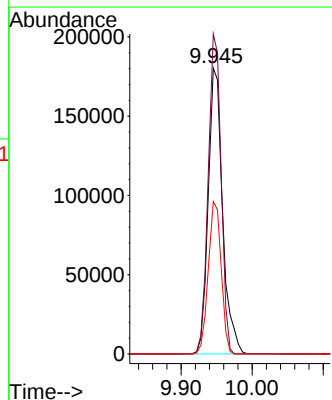
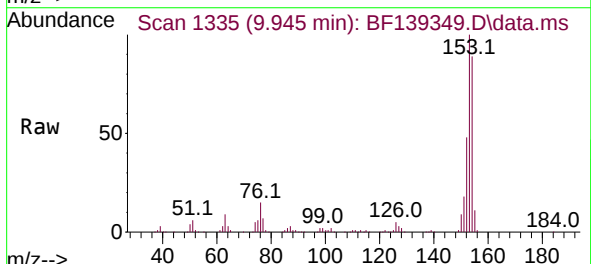
Manual Integrations
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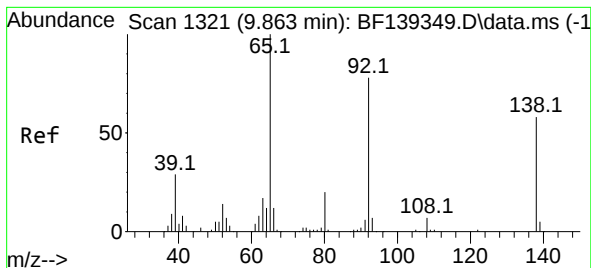
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#52
Acenaphthene
Concen: 46.146 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:154 Resp: 254549
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 43.492 ng

RT: 9.863 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

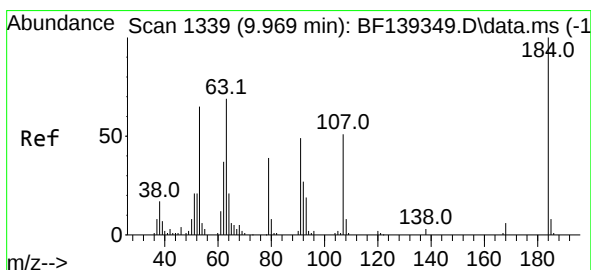
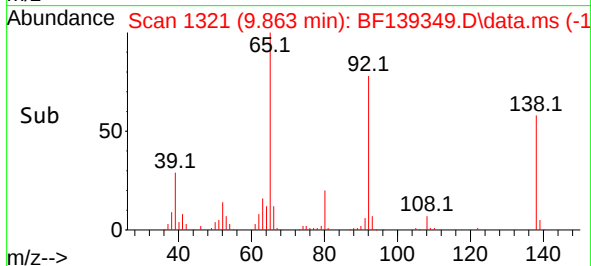
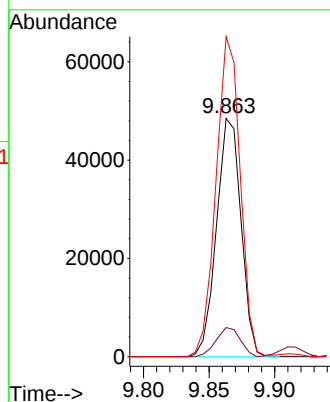
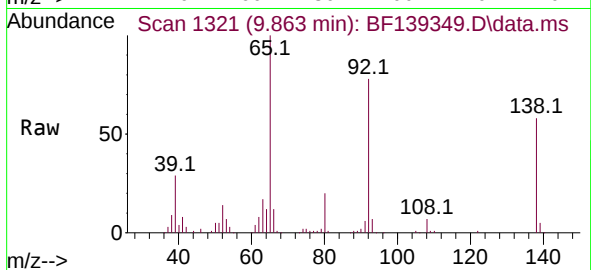
Tgt Ion:138	Resp: 62889
Ion Ratio	Lower Upper
138	100
108	12.3 9.8 14.8
92	134.3 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#54

2,4-Dinitrophenol

Concen: 60.625 ng

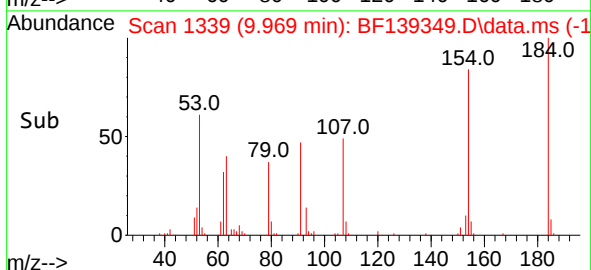
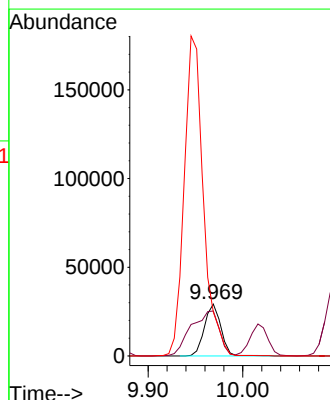
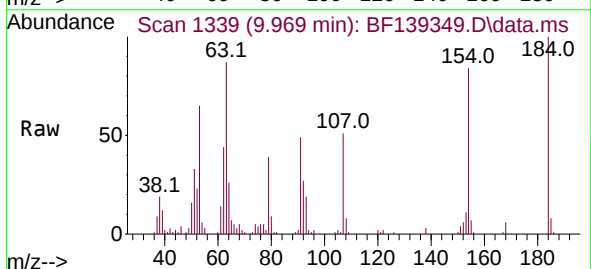
RT: 9.969 min Scan# 1339

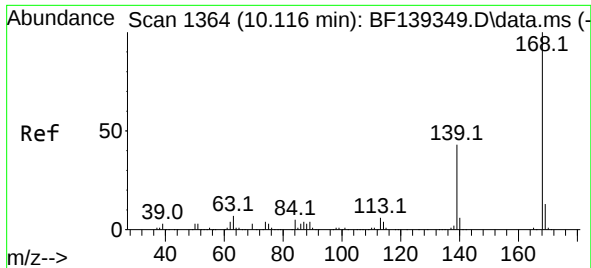
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

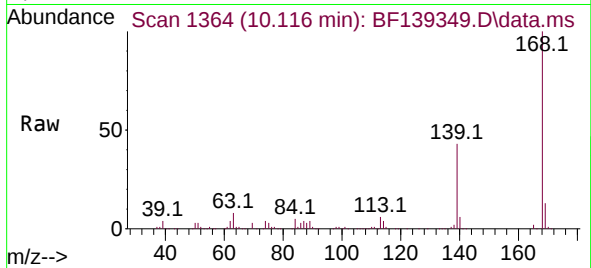
Tgt Ion:184	Resp: 35233
Ion Ratio	Lower Upper
184	100
63	86.6 69.3 103.9
154	84.4 67.5 101.3





#55
Dibenzenofuran
Concen: 44.435 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

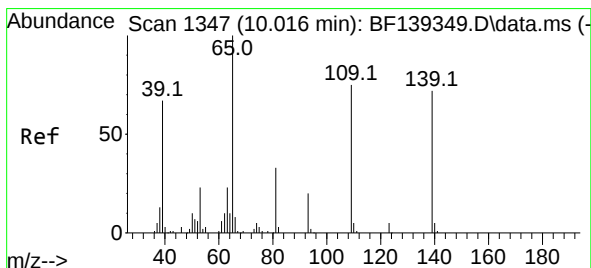
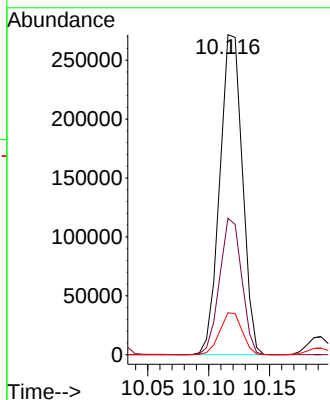
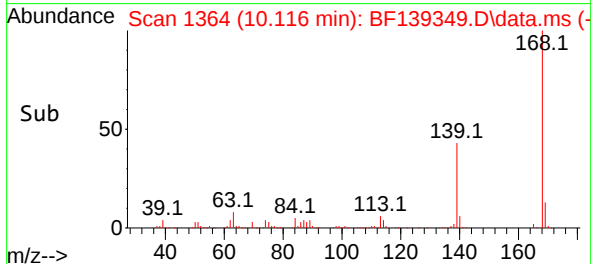
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 351419
Ion Ratio Lower Upper
168 100
139 42.6 34.1 51.1
169 13.1 10.5 15.7

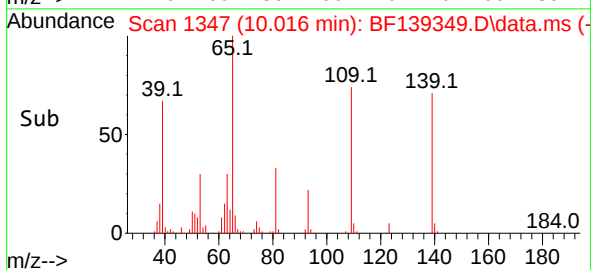
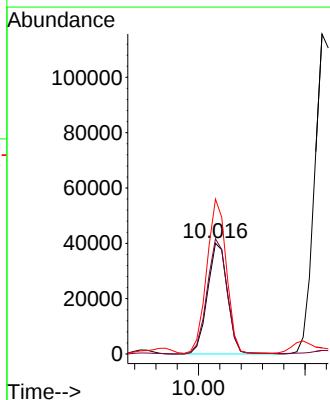
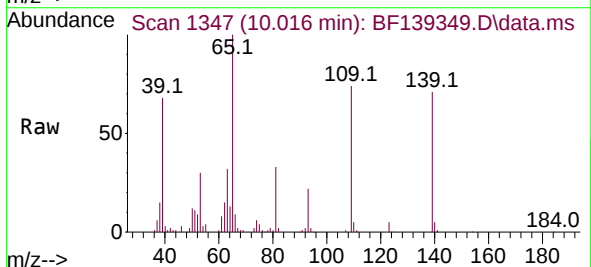
Manual Integrations
APPROVED

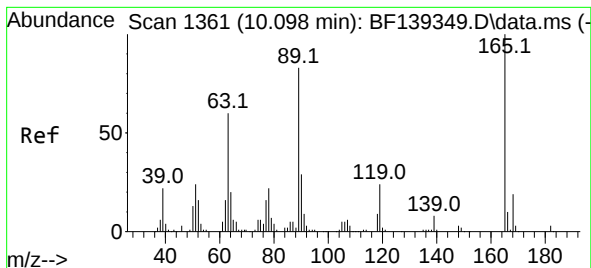
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#56
4-Nitrophenol
Concen: 48.904 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:139 Resp: 52194
Ion Ratio Lower Upper
139 100
109 104.1 84.1 124.1
65 140.0 120.0 160.0





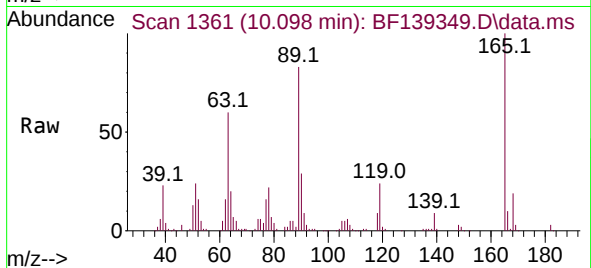
#57
2,4-Dinitrotoluene
Concen: 49.629 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

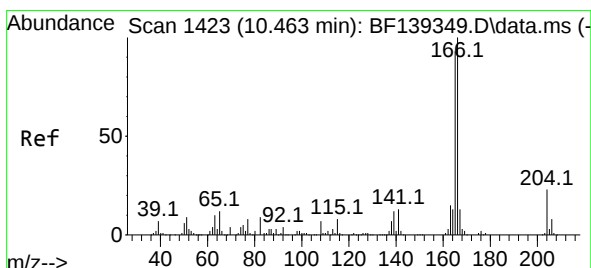
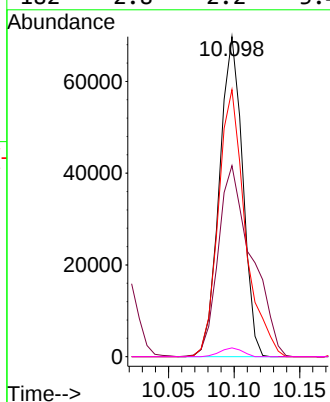
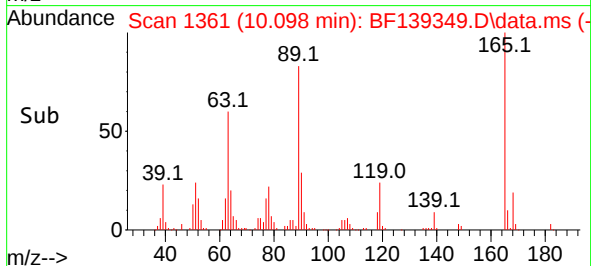


Tgt Ion:165 Resp: 85730
Ion Ratio Lower Upper
165 100
63 59.7 47.8 71.6
89 83.4 66.7 100.1
182 2.8 2.2 3.4

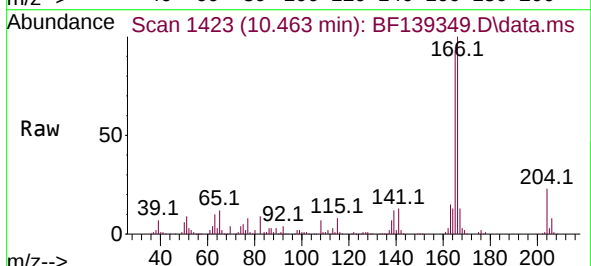
Manual Integrations

APPROVED

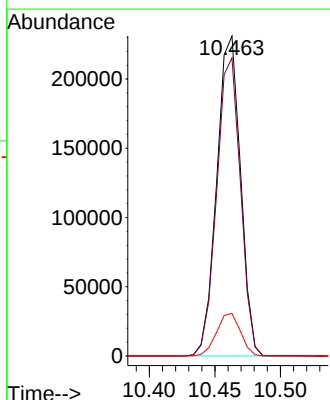
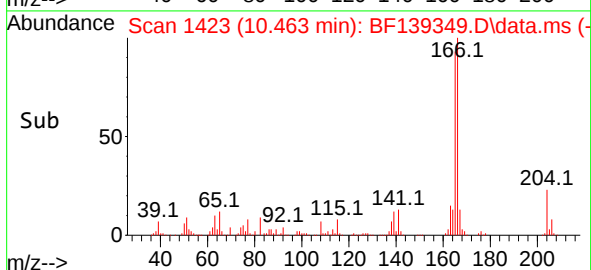
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

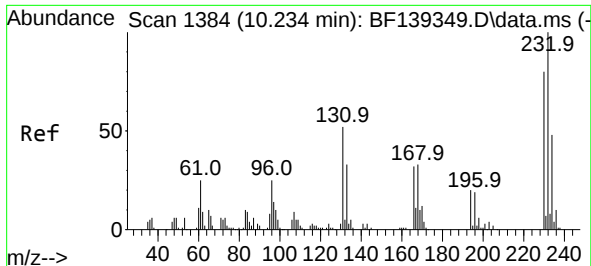


#58
Fluorene
Concen: 47.395 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



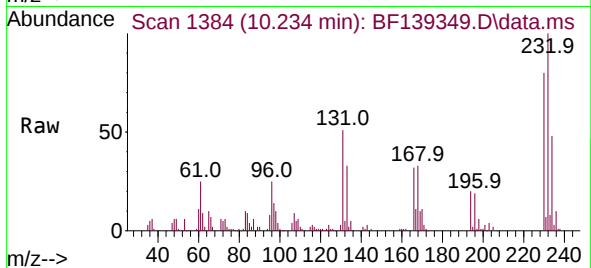
Tgt Ion:166 Resp: 290609
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.051 ng
RT: 10.234 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

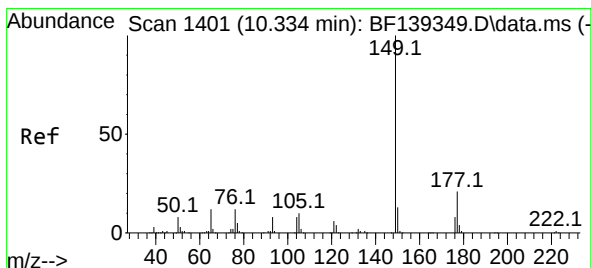
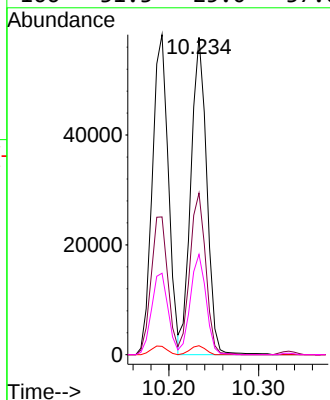
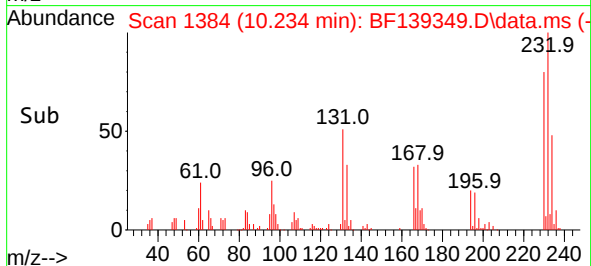
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 70914
Ion Ratio Lower Upper
232 100
131 50.9 40.7 61.1
130 2.7 2.2 3.2
166 31.3 25.0 37.6

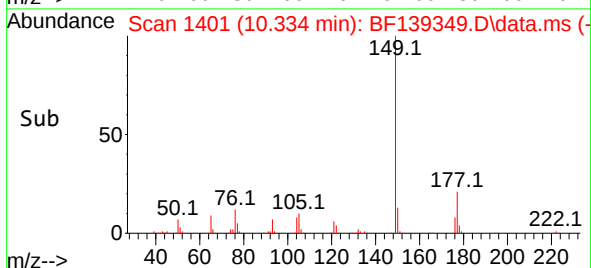
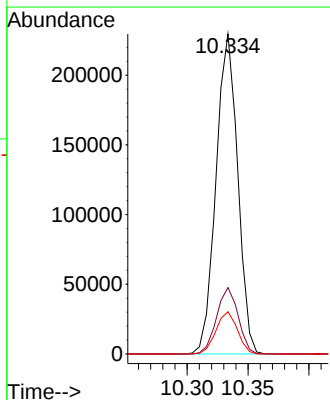
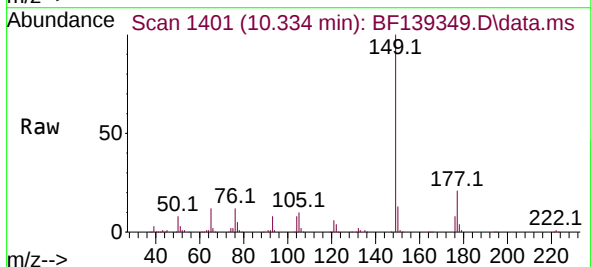
Manual Integrations
APPROVED

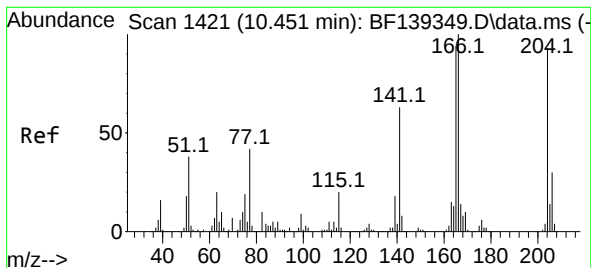
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#60
Diethylphthalate
Concen: 48.283 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

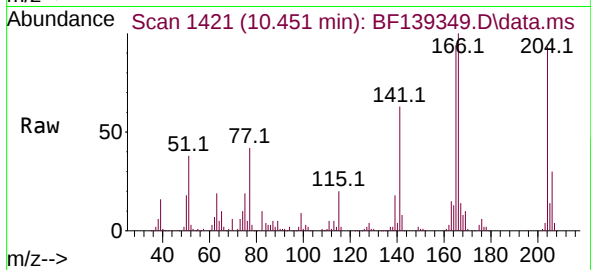
Tgt Ion:149 Resp: 284254
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 13.2 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 47.037 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

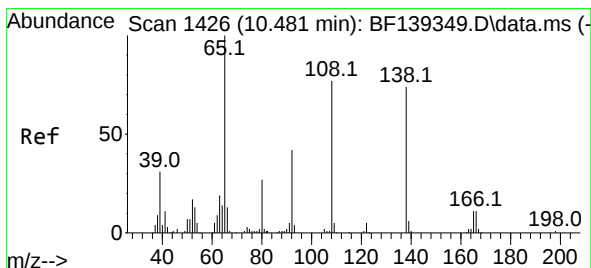
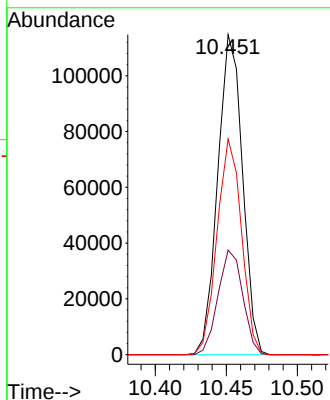
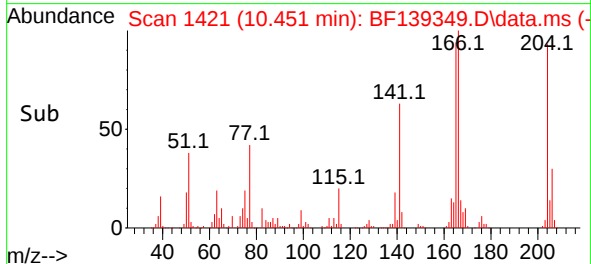
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 139089
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 67.4 53.9 80.9

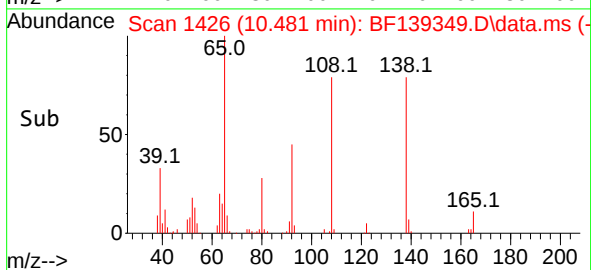
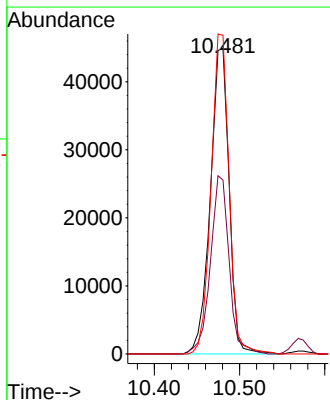
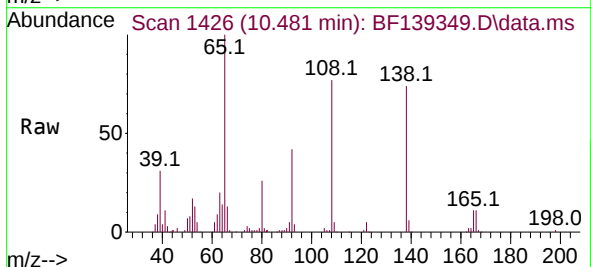
Manual Integrations
APPROVED

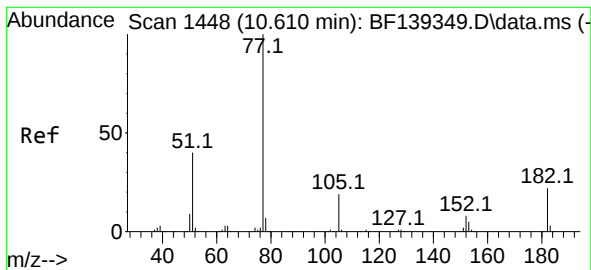
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#62
4-Nitroaniline
Concen: 49.885 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:138 Resp: 68663
Ion Ratio Lower Upper
138 100
92 57.0 37.0 77.0
108 104.4 84.4 124.4





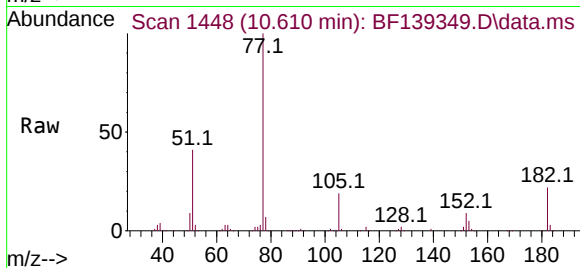
#63
Azobenzene
Concen: 45.262 ng
RT: 10.610 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



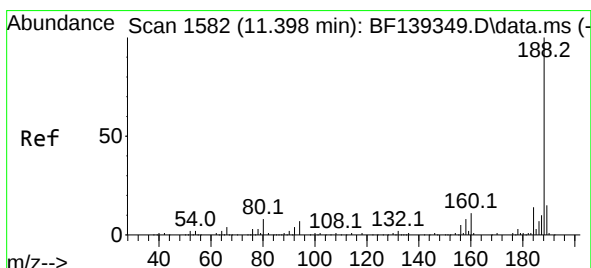
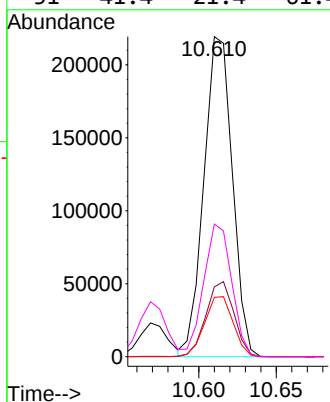
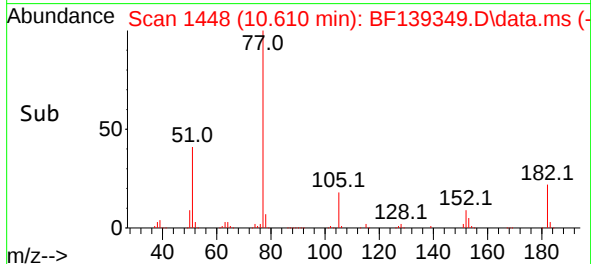
Tgt Ion: 77 Resp: 280849
Ion Ratio Lower Upper
77 100
182 21.8 1.8 41.8
105 18.6 0.0 38.6
51 41.4 21.4 61.4

Manual Integrations

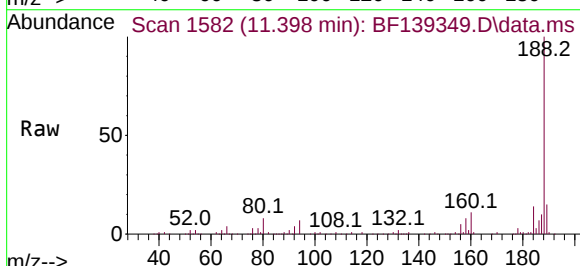
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

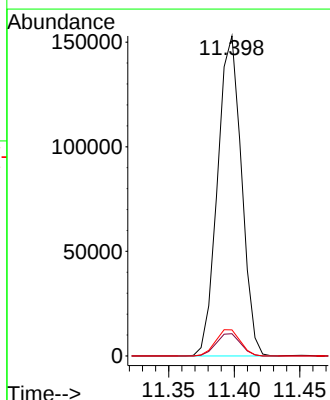
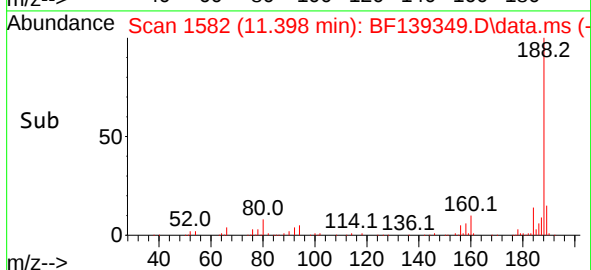
Supervised By :mohammad ahmed 09/16/2024

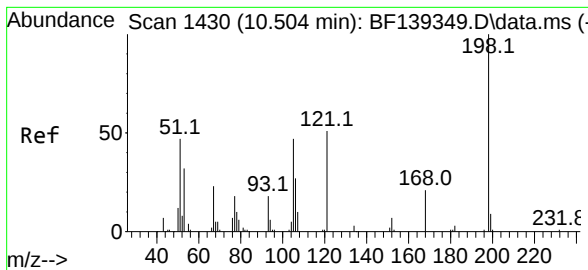


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:188 Resp: 194097
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 8.2 6.6 9.8





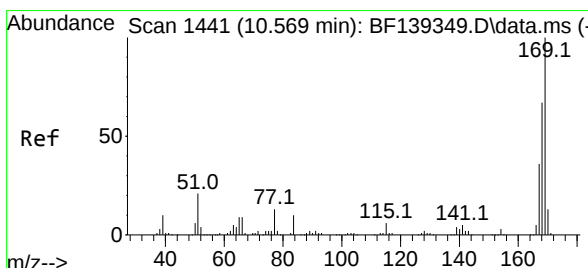
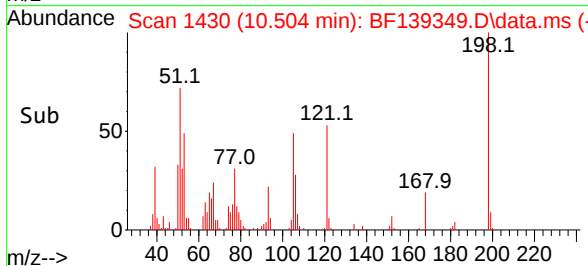
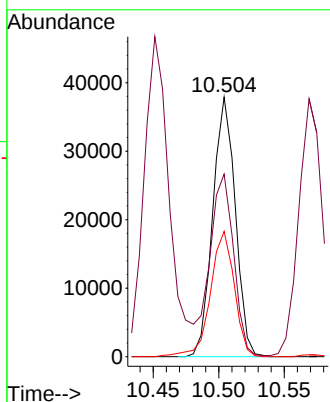
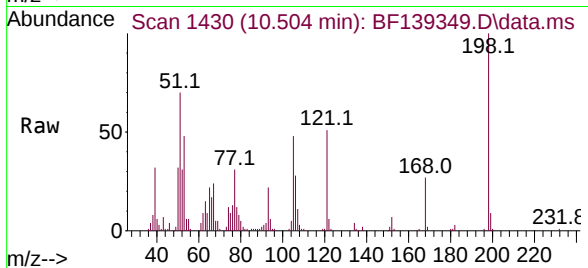
#65
4,6-Dinitro-2-methylphenol
Concen: 50.489 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 4528
Ion Ratio Lower Upper
198 100
51 70.4 50.4 90.4
105 48.3 28.3 68.3

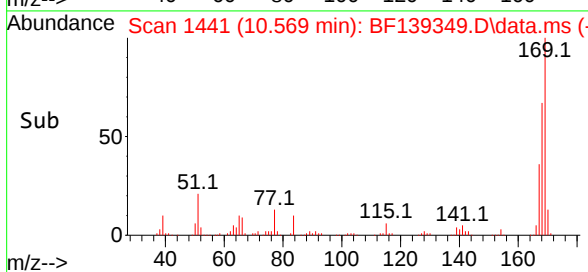
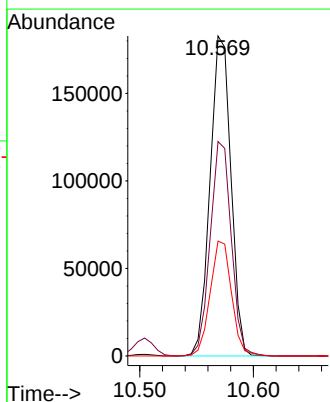
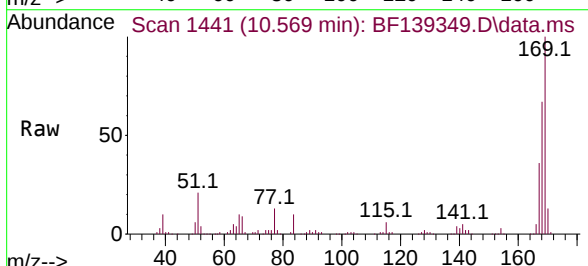
Manual Integrations
APPROVED

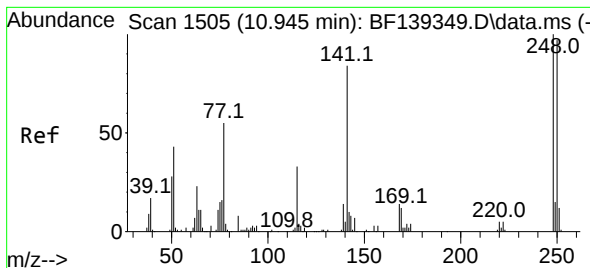
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#66
n-Nitrosodiphenylamine
Concen: 41.289 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

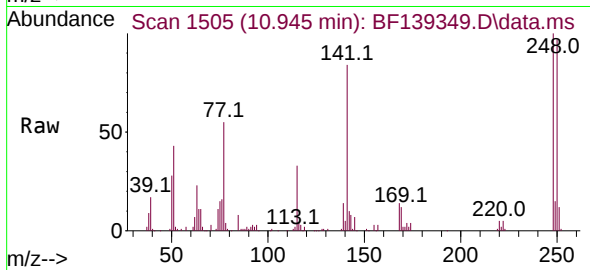
Tgt Ion:169 Resp: 233278
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.574 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

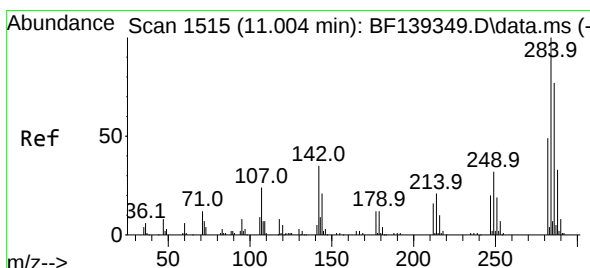
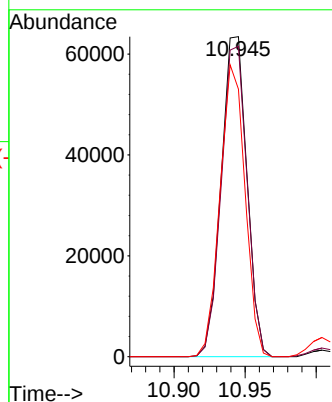
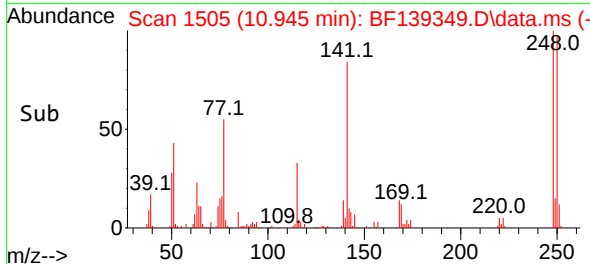
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



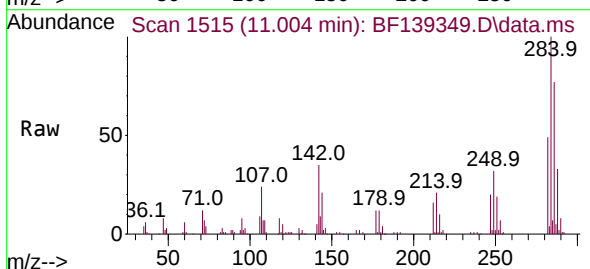
Tgt Ion:248 Resp: 80170
Ion Ratio Lower Upper
248 100
250 97.0 77.6 116.4
141 83.6 66.9 100.3

Manual Integrations
APPROVED

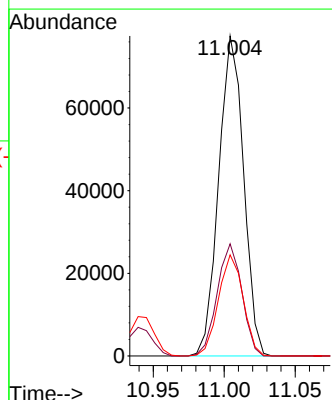
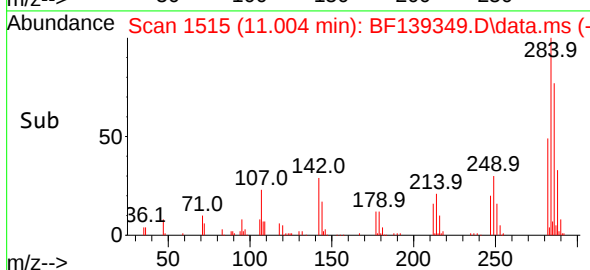
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#68
Hexachlorobenzene
Concen: 43.730 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:284 Resp: 94276
Ion Ratio Lower Upper
284 100
142 35.0 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 36.119 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

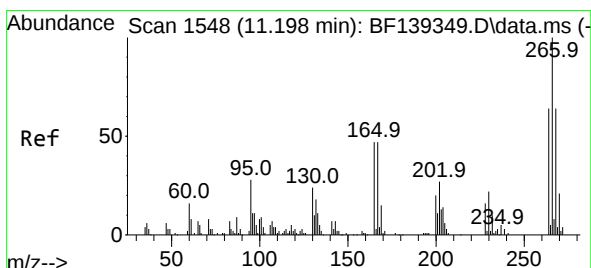
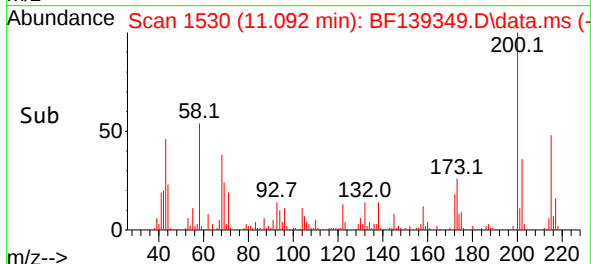
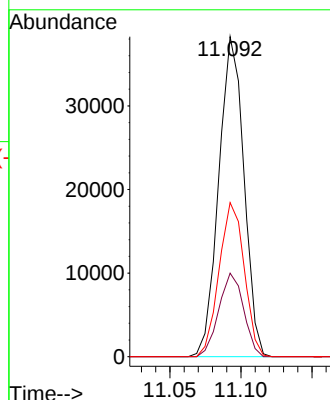
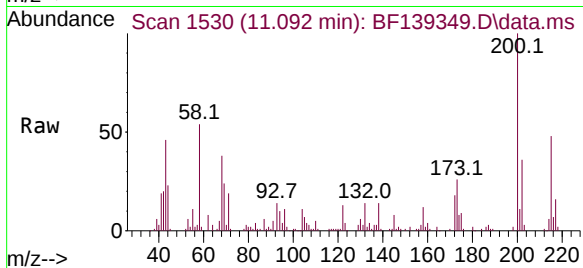
Tgt Ion:200 Resp: 47083
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.1 46.1
 215 48.2 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#70

Pentachlorophenol

Concen: 46.813 ng

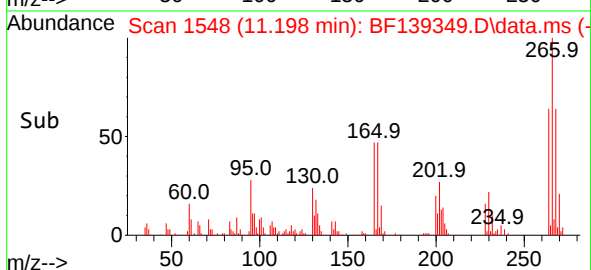
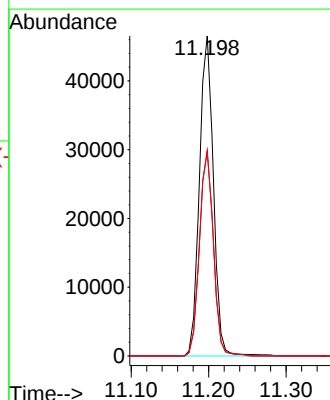
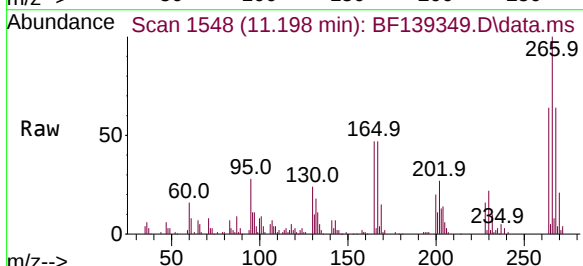
RT: 11.198 min Scan# 1548

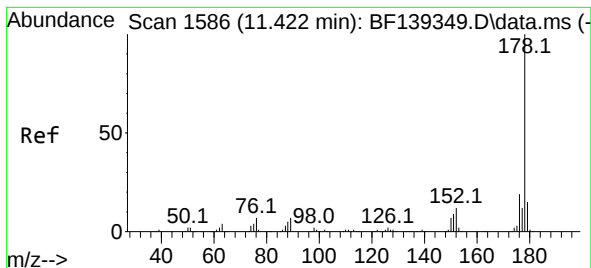
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

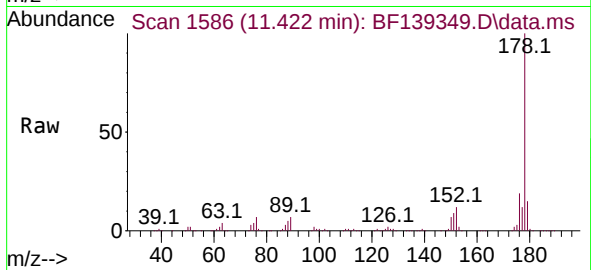
Tgt Ion:266 Resp: 58297
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 64.2 51.4 77.0





#71
Phenanthrene
Concen: 42.974 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

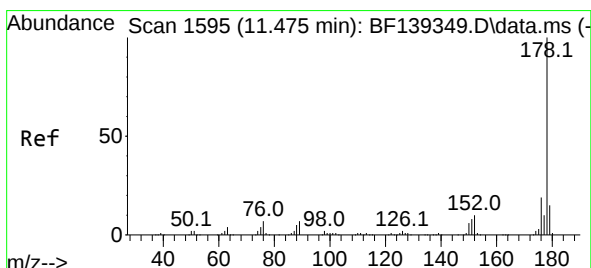
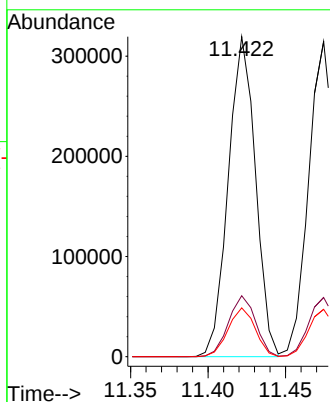
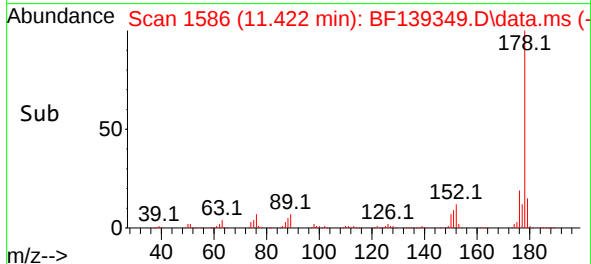
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 389660
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.3 12.2 18.4

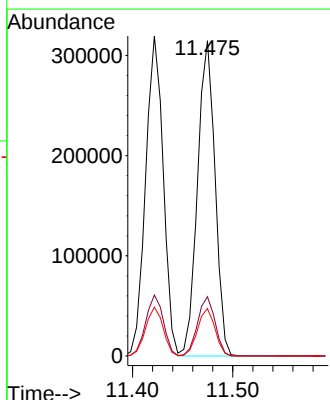
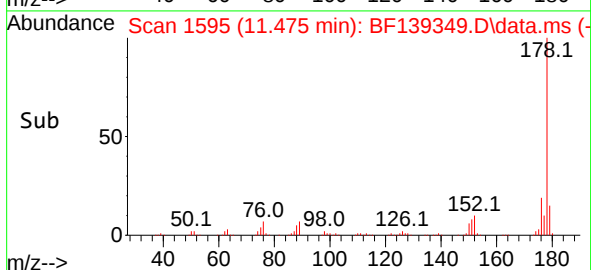
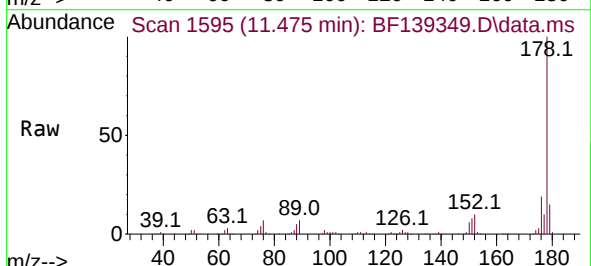
Manual Integrations
APPROVED

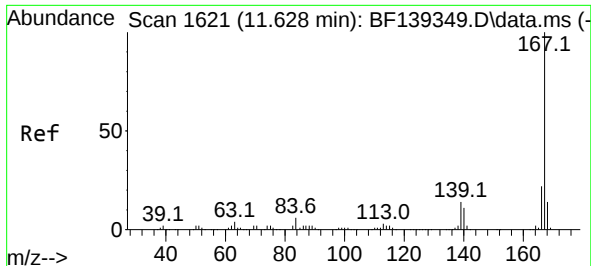
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#72
Anthracene
Concen: 43.252 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

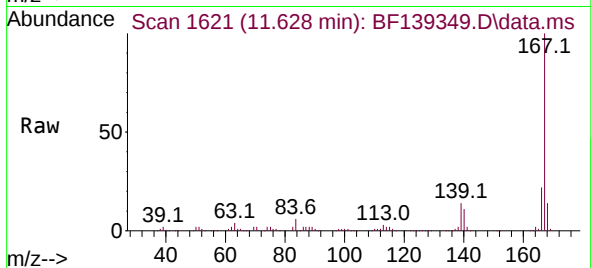
Tgt Ion:178 Resp: 383110
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 44.344 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF139349.D
 Acq: 13 Sep 2024 16:53

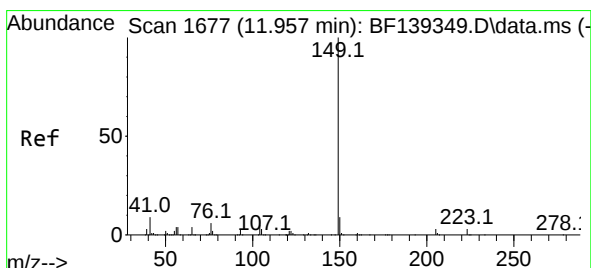
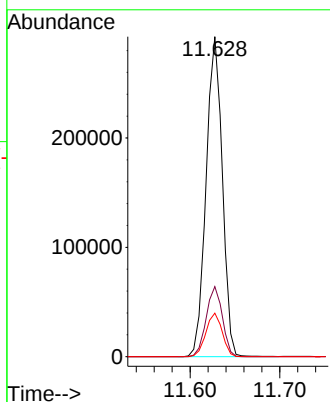
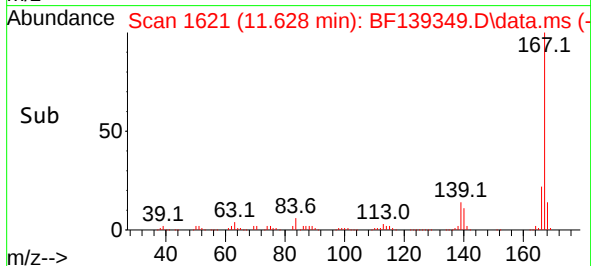
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



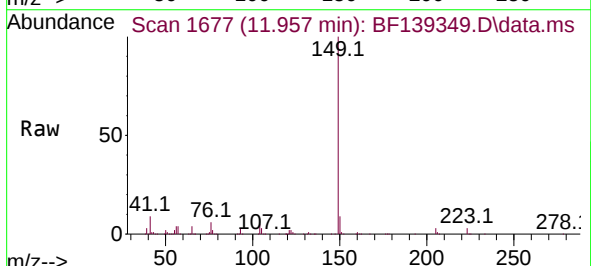
Tgt Ion:167 Resp: 367107
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.6 10.9 16.3

Manual Integrations
 APPROVED

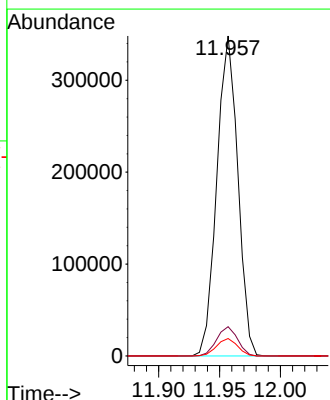
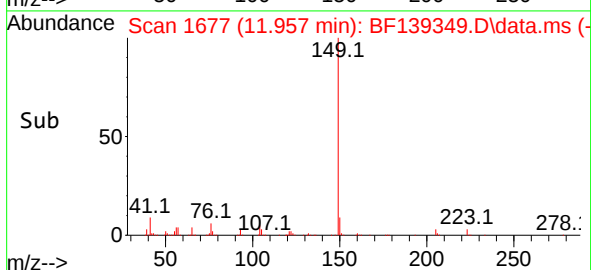
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

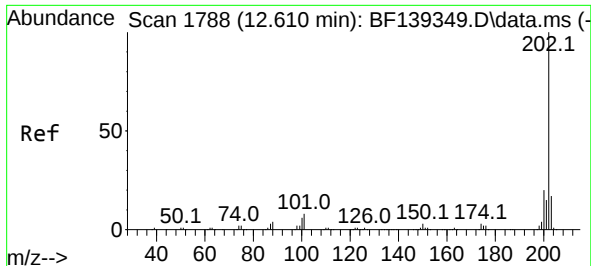


#74
 Di-n-butylphthalate
 Concen: 49.242 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF139349.D
 Acq: 13 Sep 2024 16:53



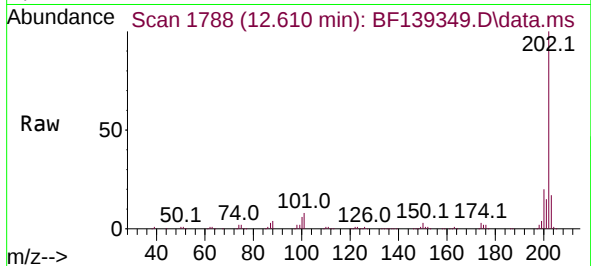
Tgt Ion:149 Resp: 417404
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 46.325 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

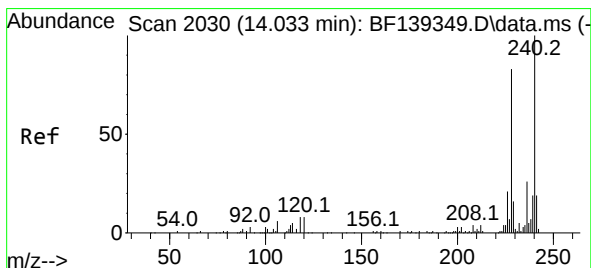
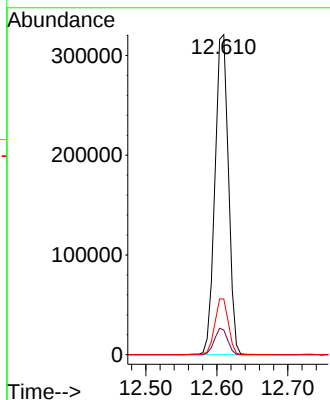
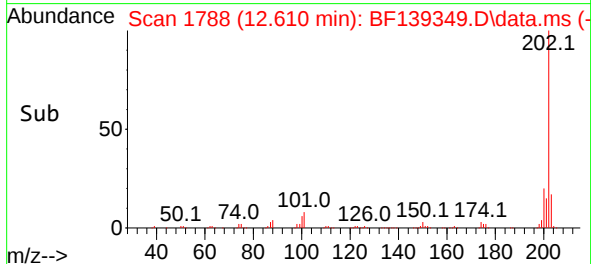
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 421114
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.4 0.0 37.4

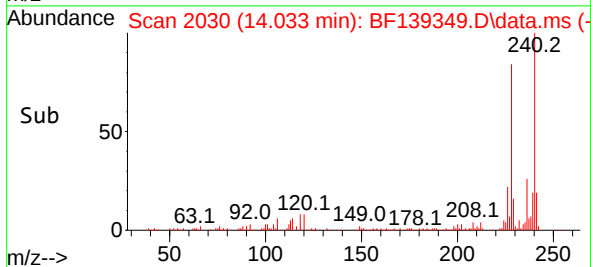
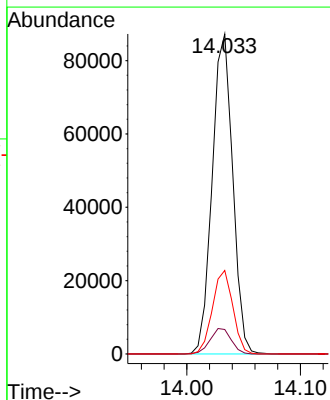
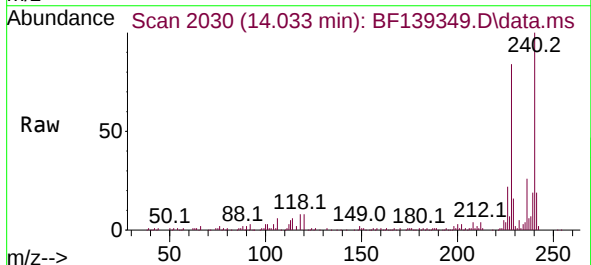
Manual Integrations
APPROVED

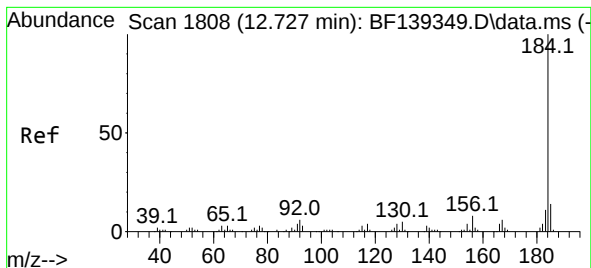
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:240 Resp: 109489
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 38.138 ng

RT: 12.727 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:184 Resp: 84080

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

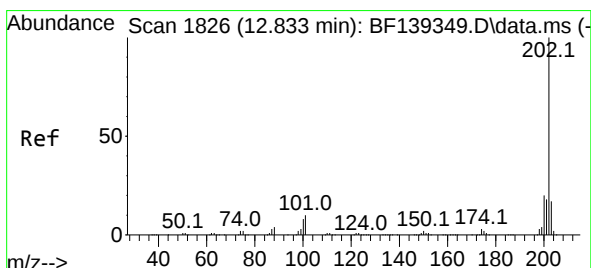
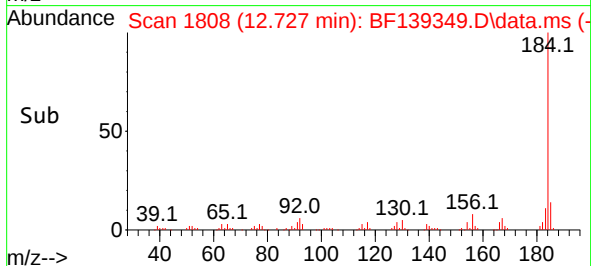
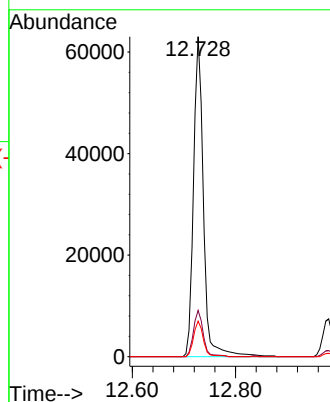
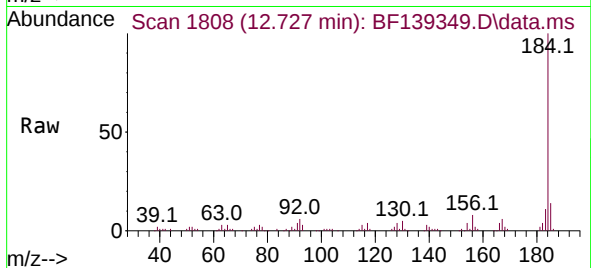
183 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#78

Pyrene

Concen: 39.824 ng

RT: 12.833 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

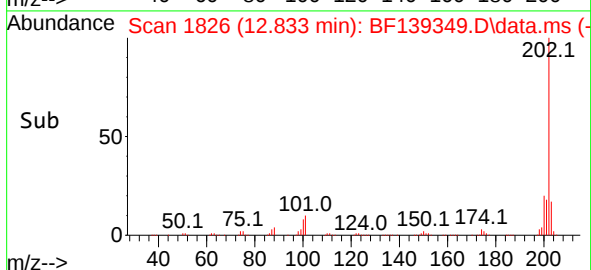
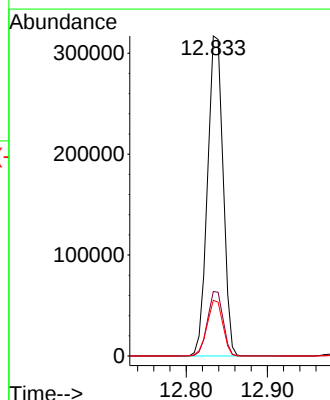
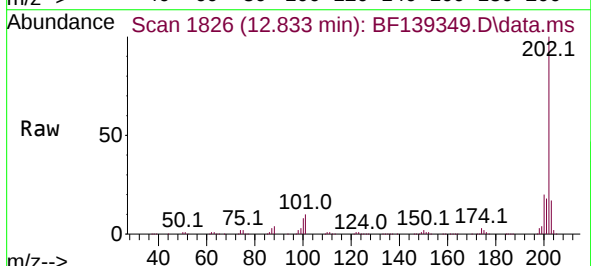
Tgt Ion:202 Resp: 421208

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 87.121 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139349.D

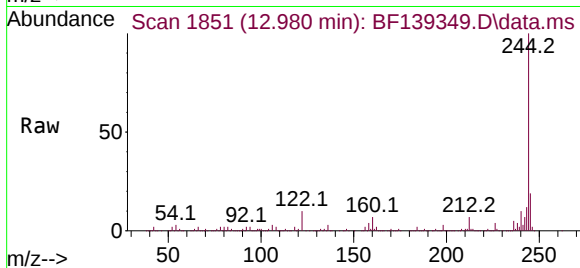
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



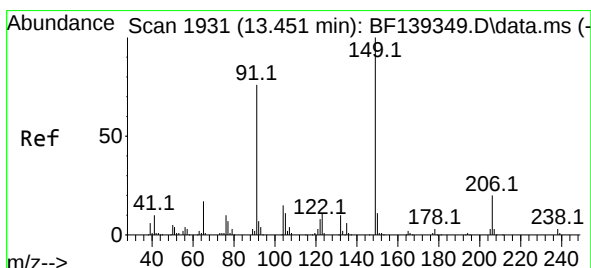
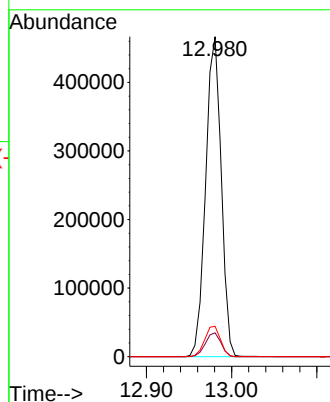
Tgt Ion:	244	Resp:	590790
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	9.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#80

Butylbenzylphthalate

Concen: 55.148 ng

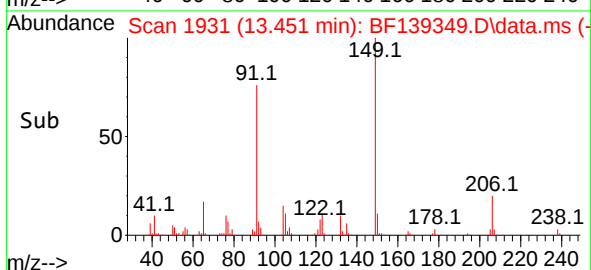
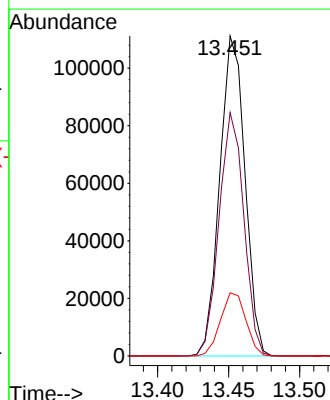
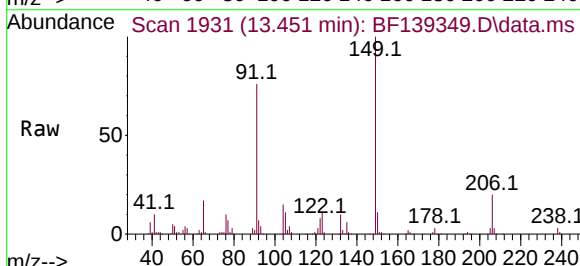
RT: 13.451 min Scan# 1931

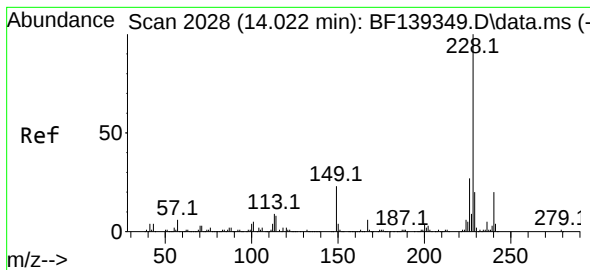
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

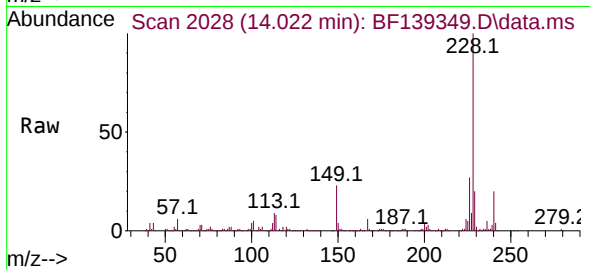
Tgt Ion:	149	Resp:	137311
Ion Ratio	Lower	Upper	
149	100		
91	76.1	60.9	91.3
206	19.8	15.8	23.8





#81
Benzo(a)anthracene
Concen: 42.529 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

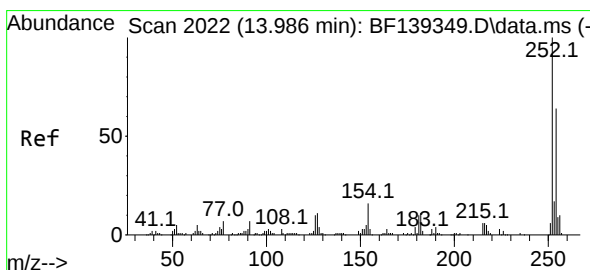
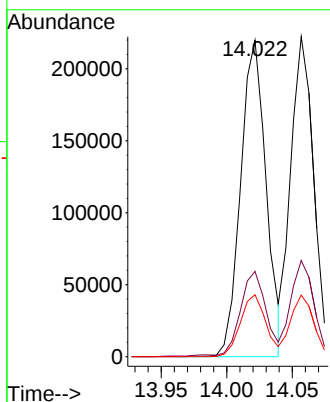
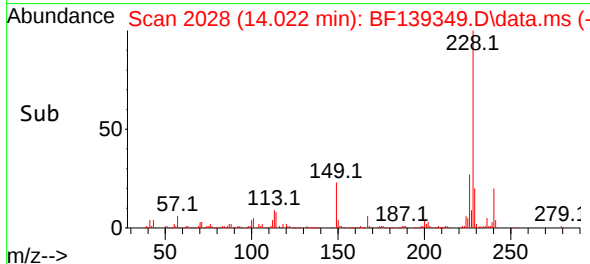
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



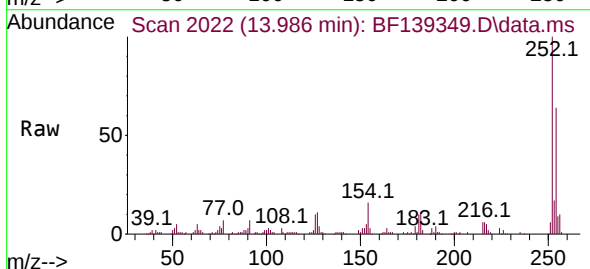
Tgt Ion:228 Resp: 29733
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.6 15.7 23.5

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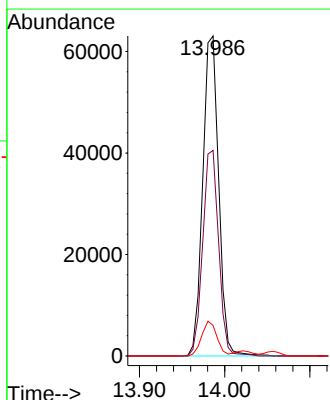
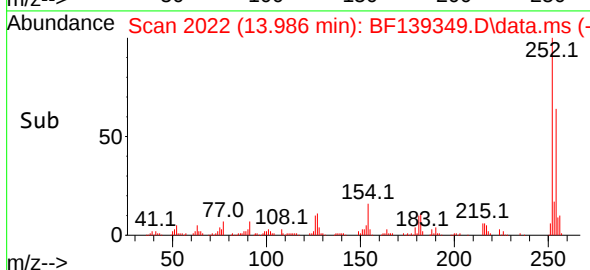
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

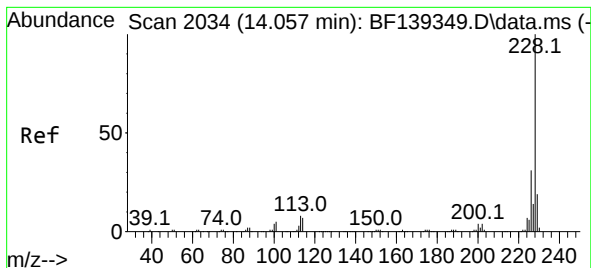


#82
3,3'-Dichlorobenzidine
Concen: 44.120 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



Tgt Ion:252 Resp: 81918
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 9.6 7.7 11.5





#83

Chrysene

Concen: 41.408 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF139349.D

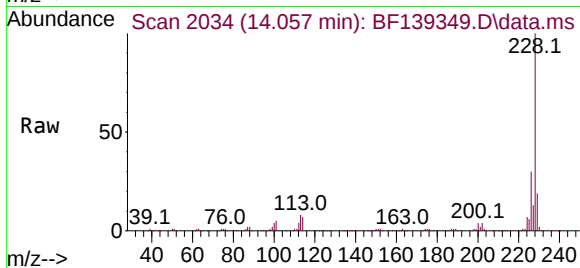
Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



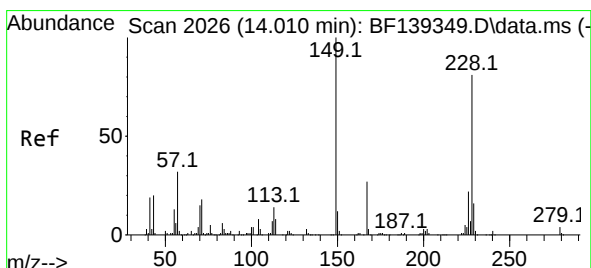
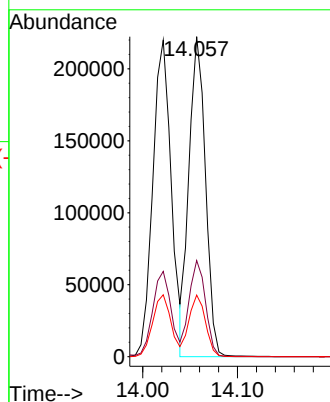
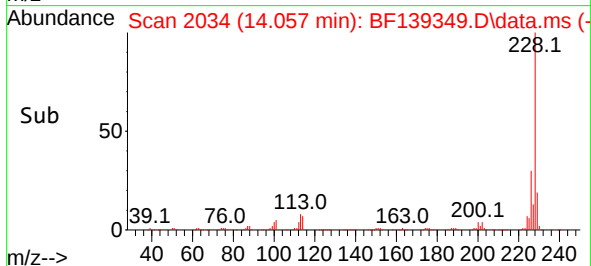
Tgt Ion:	228	Resp:	270190
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.1	36.1
229	19.2	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.267 ng

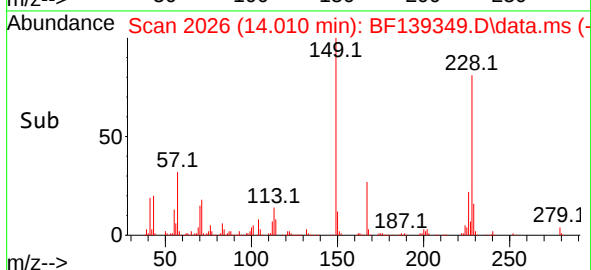
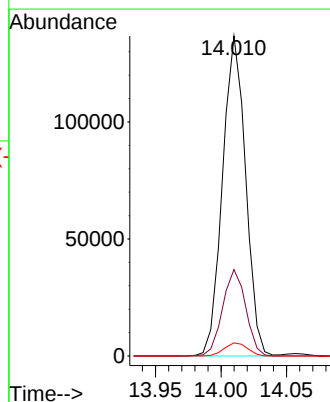
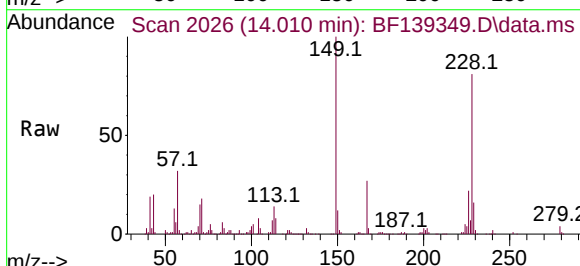
RT: 14.010 min Scan# 2026

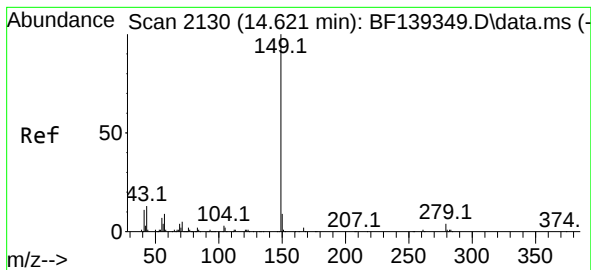
Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

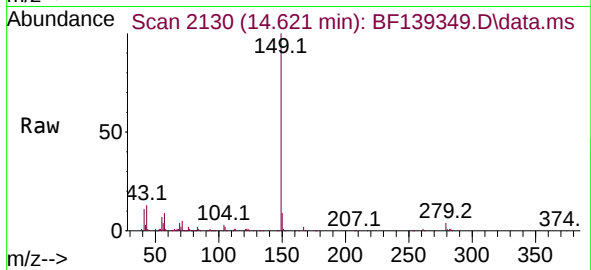
Tgt Ion:	149	Resp:	167358
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.6	32.4
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 44.204 ng
RT: 14.621 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

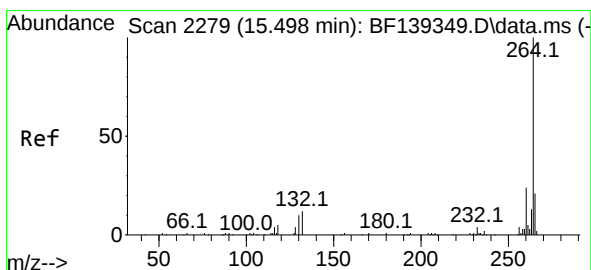
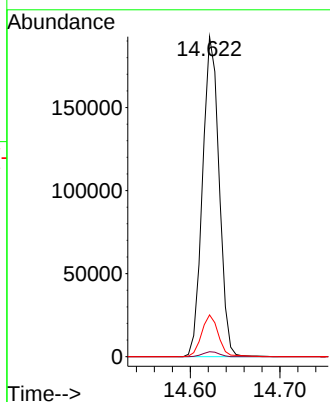
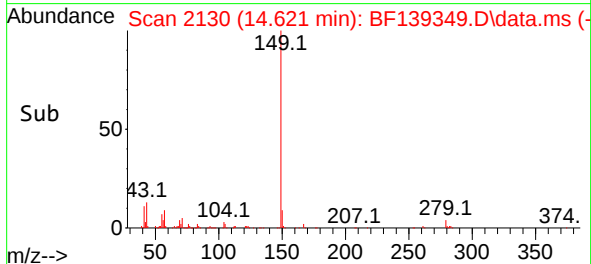
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



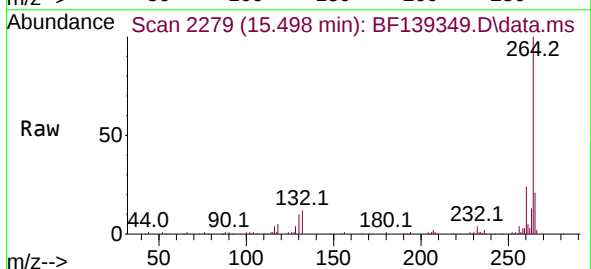
Tgt Ion:149 Resp: 24733
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.3 10.6 16.0

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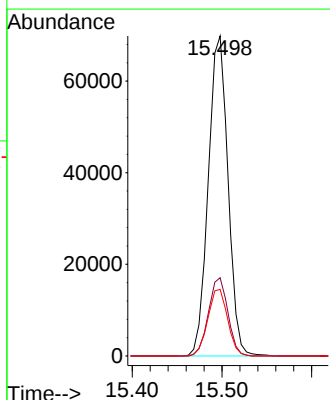
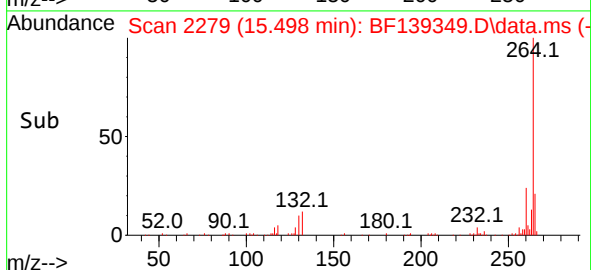
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

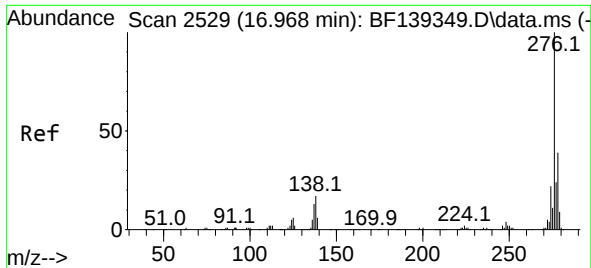


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53



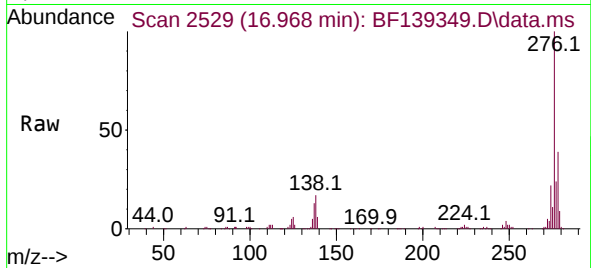
Tgt Ion:264 Resp: 106513
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 20.8 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.643 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139349.D
 Acq: 13 Sep 2024 16:53

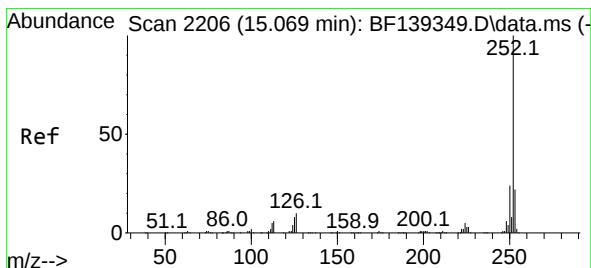
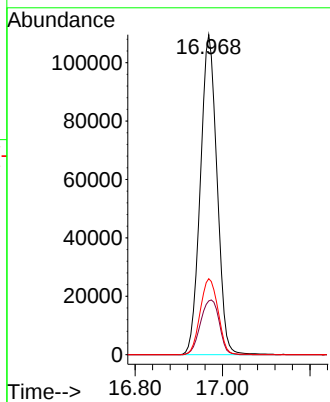
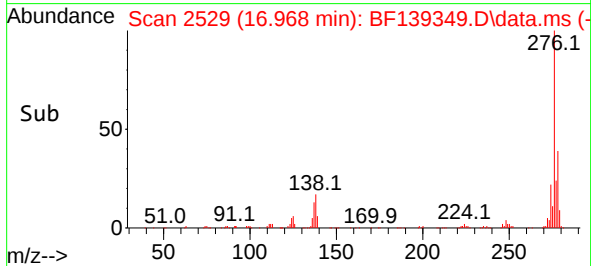
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



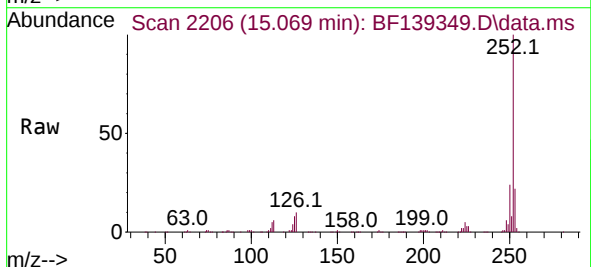
Tgt Ion: 276 Resp: 29040
 Ion Ratio Lower Upper
 276 100
 138 19.3 15.4 23.2
 277 25.5 20.4 30.6

Manual Integrations
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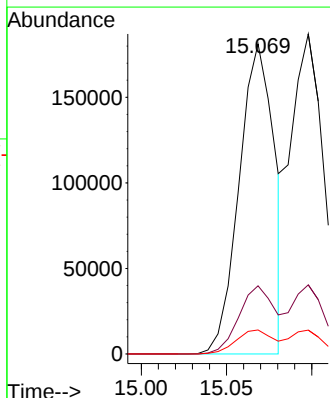
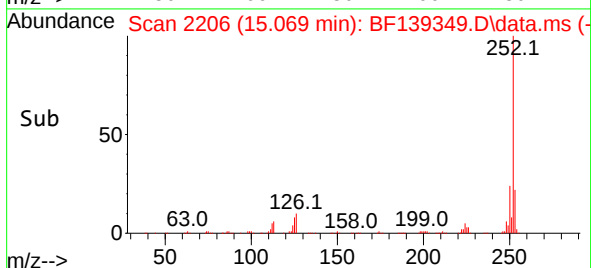
Reviewed By : Yogesh Patel 09/16/2024
 Supervised By : mohammad ahmed 09/16/2024

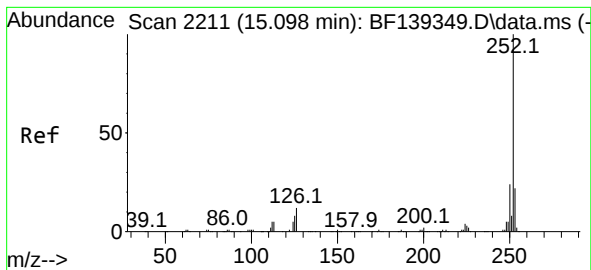


#88
 Benzo(b)fluoranthene
 Concen: 42.570 ng
 RT: 15.069 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF139349.D
 Acq: 13 Sep 2024 16:53



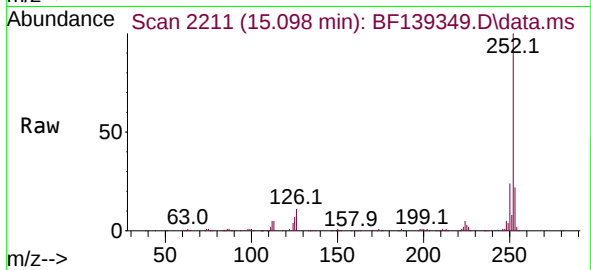
Tgt Ion: 252 Resp: 261127
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 7.7 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 46.126 ng
RT: 15.098 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

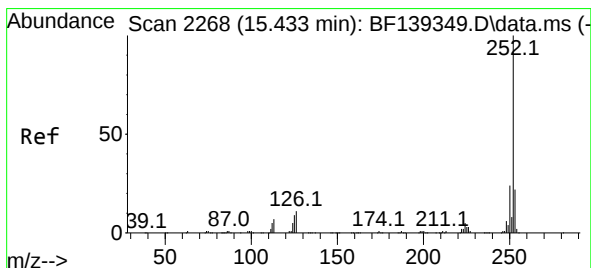
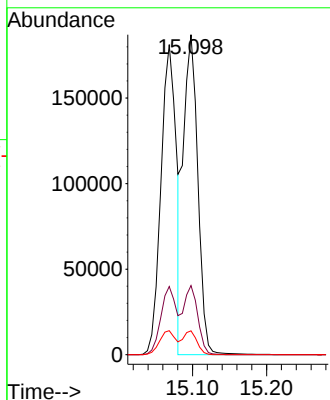
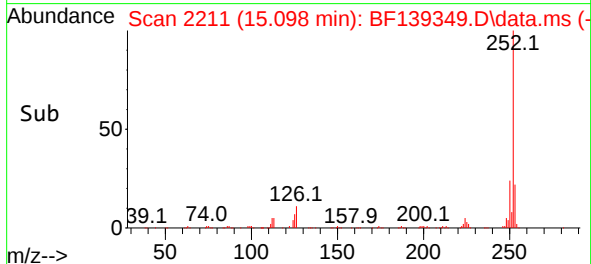
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:252 Resp: 25369
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 7.4 5.9 8.9

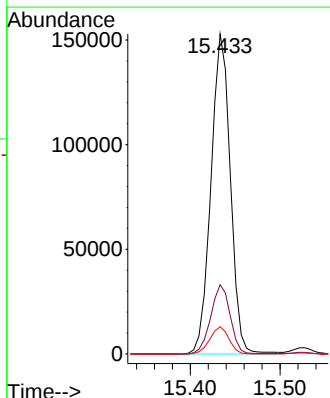
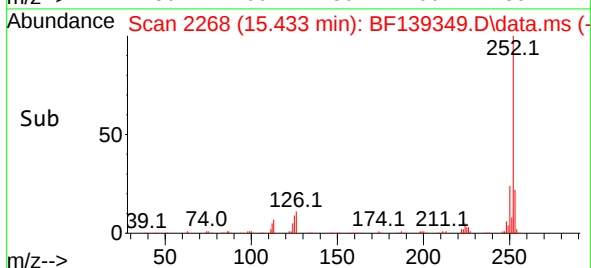
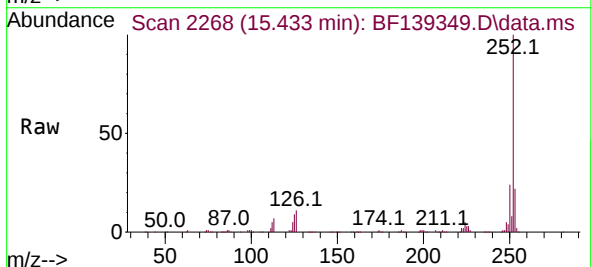
Manual Integrations
APPROVED

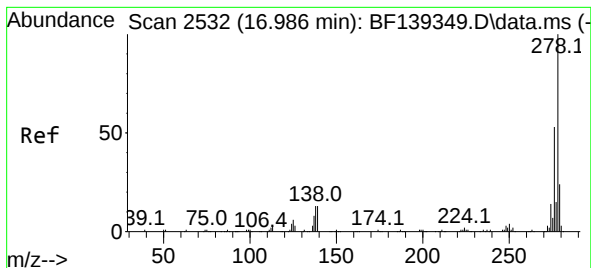
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024



#90
Benzo(a)pyrene
Concen: 44.011 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF139349.D
Acq: 13 Sep 2024 16:53

Tgt Ion:252 Resp: 229237
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.5 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 42.639 ng

RT: 16.986 min Scan# 2532

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 233814

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.2

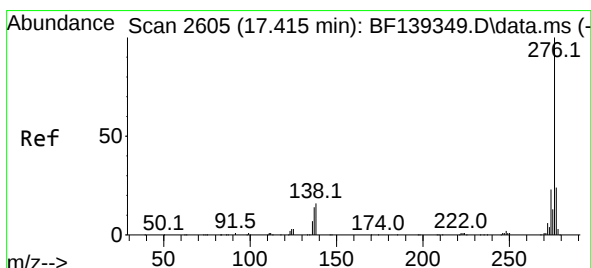
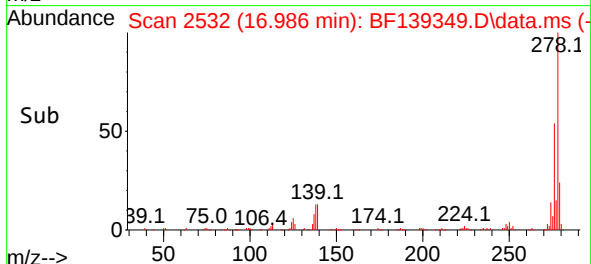
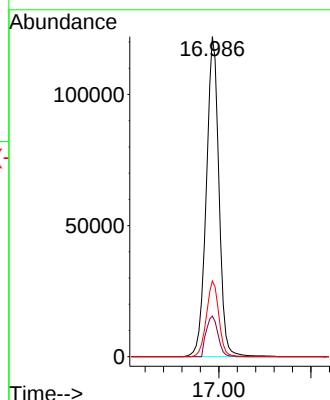
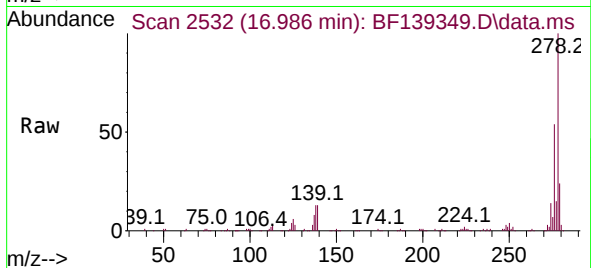
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/16/2024



#92

Benzo(g,h,i)perylene

Concen: 41.642 ng

RT: 17.415 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF139349.D

Acq: 13 Sep 2024 16:53

Tgt Ion:276 Resp: 235706

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 16.3 13.0 19.6

