

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139099.D
 Acq On : 21 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3660-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MS

Quant Time: Aug 21 14:34:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83761	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	316859	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	180680	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	287257	20.000	ng	0.00
76) Chrysene-d12	14.057	240	147068	20.000	ng	0.00
86) Perylene-d12	15.533	264	184340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	396848	72.893	ng	0.00
7) Phenol-d6	6.516	99	530779	75.452	ng	0.00
23) Nitrobenzene-d5	7.457	82	334510	61.516	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	124254	75.965	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	461648	40.539	ng	0.00
79) Terphenyl-d14	12.998	244	307068	34.645	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	101267	43.367	ng	99
3) Pyridine	3.505	79	268921	45.320	ng	99
4) n-Nitrosodimethylamine	3.463	42	170190	47.478	ng	99
6) Aniline	6.557	93	320069	50.400	ng	99
8) 2-Chlorophenol	6.681	128	263284	50.279	ng	97
9) Benzaldehyde	6.445	77	154924	37.550	ng	99
10) Phenol	6.534	94	370947	50.679	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	269340	45.757	ng	99
12) 1,3-Dichlorobenzene	6.840	146	296203	47.047	ng	99
13) 1,4-Dichlorobenzene	6.916	146	299651	47.602	ng	99
14) 1,2-Dichlorobenzene	7.063	146	284362	49.427	ng	99
15) Benzyl Alcohol	7.034	79	288072	51.812	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	414848	50.031	ng	99
17) 2-Methylphenol	7.145	107	224340	50.078	ng	98
18) Hexachloroethane	7.410	117	106621	48.302	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	224384	48.571	ng	99
20) 3+4-Methylphenols	7.298	107	295180	50.856	ng	91
22) Acetophenone	7.304	105	395290	48.859	ng	95
24) Nitrobenzene	7.475	77	325298	53.819	ng	99
25) Isophorone	7.716	82	595860	51.555	ng	99
26) 2-Nitrophenol	7.792	139	122351	56.878	ng	99
27) 2,4-Dimethylphenol	7.828	122	217095	59.234	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	332736	49.270	ng	99
29) 2,4-Dichlorophenol	8.034	162	228704	50.089	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	248270	46.436	ng	99
31) Naphthalene	8.204	128	776901	48.385	ng	100
32) Benzoic acid	7.939	122	148457	48.529	ng	98
33) 4-Chloroaniline	8.245	127	156957	28.542	ng	99
34) Hexachlorobutadiene	8.316	225	167651	48.003	ng	99
35) Caprolactam	8.616	113	71627m	49.479	ng	
36) 4-Chloro-3-methylphenol	8.722	107	253055	50.054	ng	100
37) 2-Methylnaphthalene	8.892	142	503947	48.931	ng	99
38) 1-Methylnaphthalene	8.992	142	471448	47.429	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	251951	51.453	ng	99
41) Hexachlorocyclopentadiene	9.045	237	309149	162.612	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	177381	53.138	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	168308	49.120	ng	99
46) 1,1'-Biphenyl	9.357	154	627387	50.690	ng	99
47) 2-Chloronaphthalene	9.381	162	484803	48.207	ng	100
48) 2-Nitroaniline	9.475	65	159989	54.622	ng	97
49) Acenaphthylene	9.798	152	764149	53.043	ng	100
50) Dimethylphthalate	9.657	163	586037	52.538	ng	100
51) 2,6-Dinitrotoluene	9.716	165	119896	53.062	ng	98
52) Acenaphthene	9.969	154	525661	55.238	ng	99
53) 3-Nitroaniline	9.886	138	90245	40.571	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	106191	96.571	ng	# 65
55) Dibenzofuran	10.139	168	705888	51.069	ng	100
56) 4-Nitrophenol	10.033	139	172709	102.433	ng	93
57) 2,4-Dinitrotoluene	10.116	165	155957	54.723	ng	99
58) Fluorene	10.481	166	538492	48.749	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	147387	53.573	ng	99
60) Diethylphthalate	10.357	149	565365	51.154	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	273886	49.645	ng	100
62) 4-Nitroaniline	10.498	138	105208	46.111	ng	99
63) Azobenzene	10.633	77	615255	50.094	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	68275	60.540	ng	97
66) n-Nitrosodiphenylamine	10.592	169	469528	55.241	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	165662	54.425	ng	99
68) Hexachlorobenzene	11.028	284	171820	52.616	ng	99
69) Atrazine	11.122	200	151231	58.258	ng	99
70) Pentachlorophenol	11.222	266	201173	96.441	ng	99
71) Phenanthrene	11.445	178	758906	51.977	ng	99
72) Anthracene	11.498	178	740356	51.849	ng	99
73) Carbazole	11.645	167	576587	43.243	ng	99
74) Di-n-butylphthalate	11.986	149	746021	48.253	ng	99
75) Fluoranthene	12.627	202	644889	41.382	ng	100
77) Benzidine	12.751	184	183689	60.466	ng	99
78) Pyrene	12.857	202	625957	51.002	ng	100
80) Butylbenzylphthalate	13.480	149	211543	49.822	ng	96
81) Benzo(a)anthracene	14.045	228	507957	52.542	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	138182	51.135	ng	100
83) Chrysene	14.080	228	487295	55.609	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	289421	51.416	ng	99
85) Di-n-octyl phthalate	14.663	149	492722	62.367	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	518784	48.086	ng	99
88) Benzo(b)fluoranthene	15.098	252	579764	48.242	ng	100
89) Benzo(k)fluoranthene	15.133	252	513609	51.313	ng	98
90) Benzo(a)pyrene	15.474	252	530504	55.866	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	420952	47.532	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355854	35.917	ng	99

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

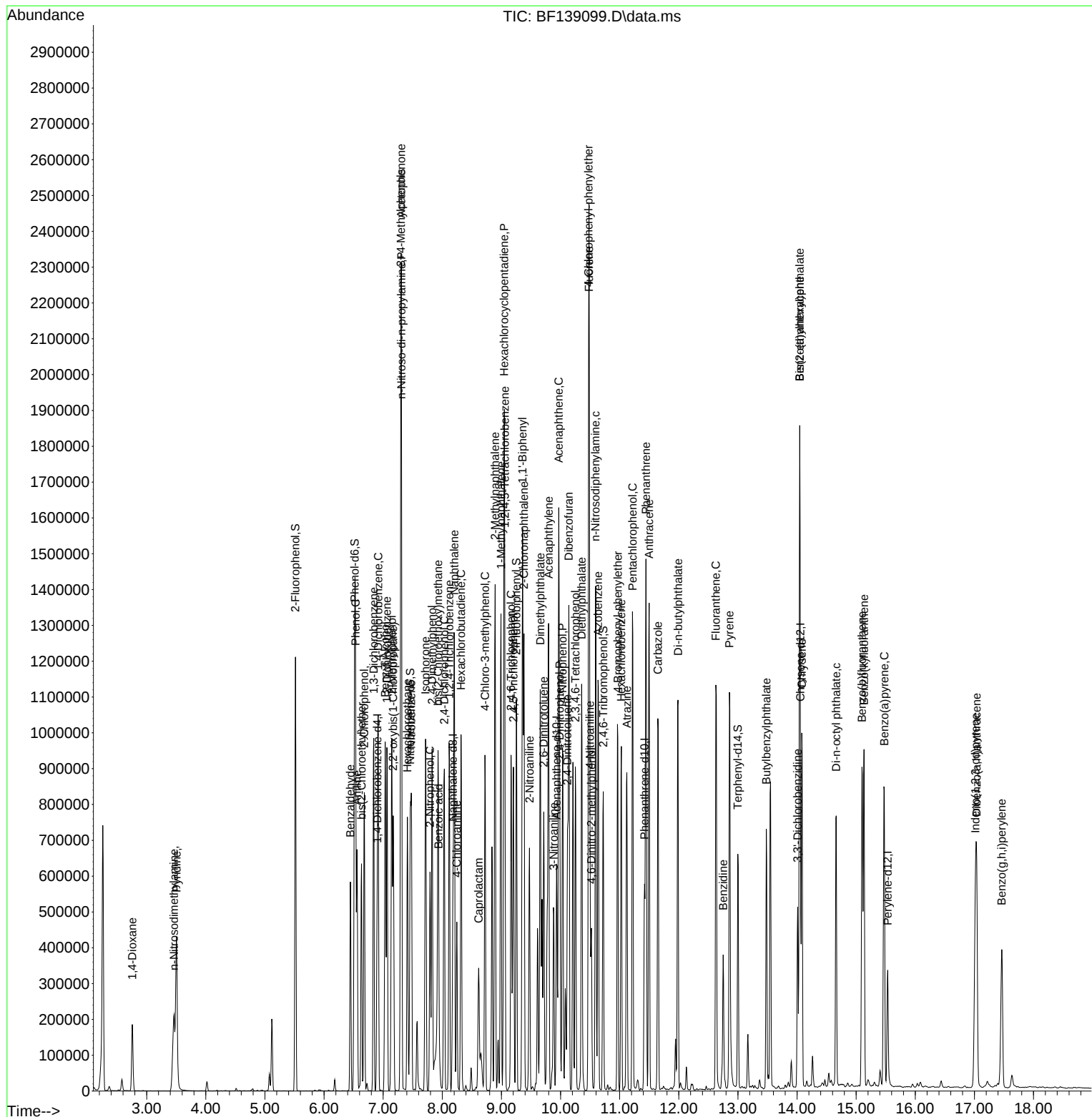
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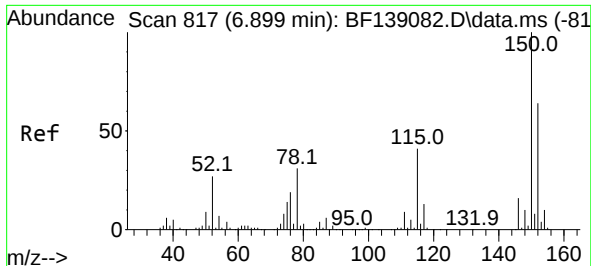
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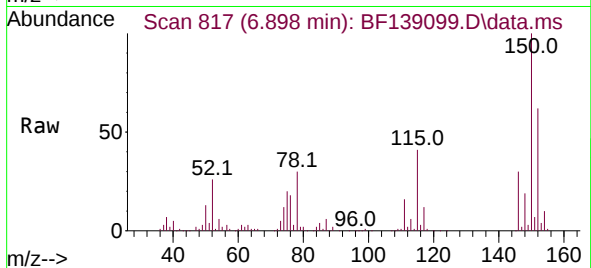
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

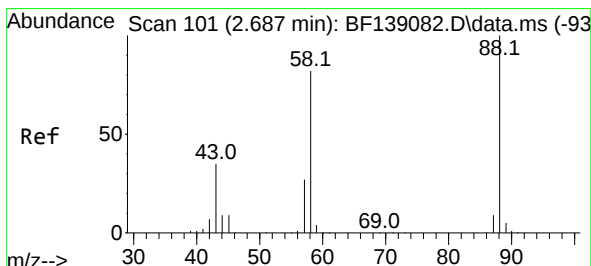
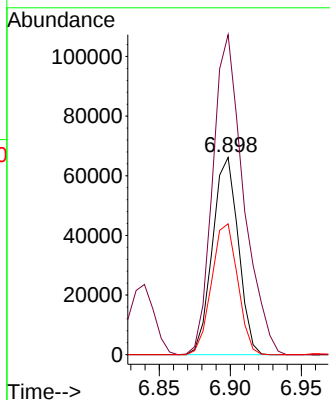
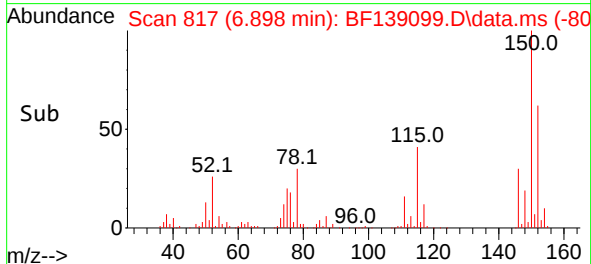
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:152 Resp: 8376
Ion Ratio Lower Upper
152 100
150 162.2 125.1 187.7
115 66.3 51.8 77.6

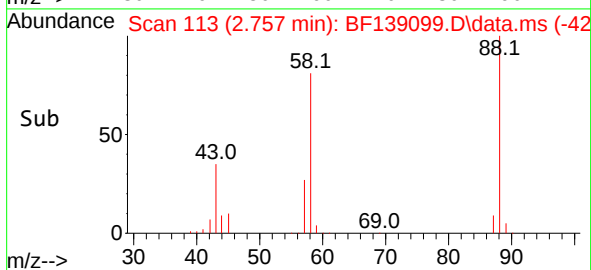
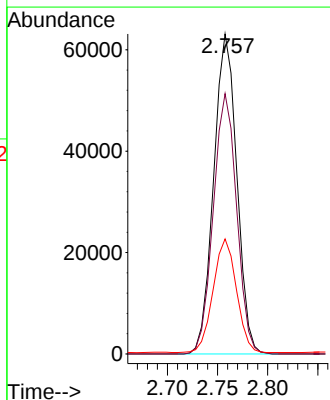
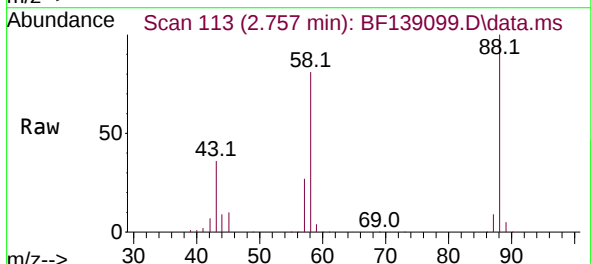
Manual Integrations
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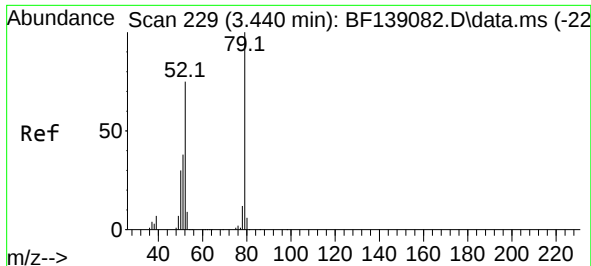
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#2
1,4-Dioxane
Concen: 43.367 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.070 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

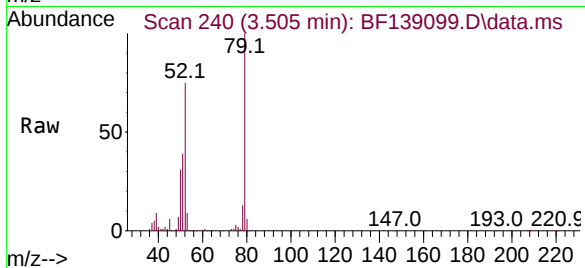
Tgt Ion: 88 Resp: 101267
Ion Ratio Lower Upper
88 100
58 82.1 65.4 98.0
43 35.7 27.9 41.9





#3
Pyridine
Concen: 45.320 ng
RT: 3.505 min Scan# 24
Delta R.T. 0.065 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

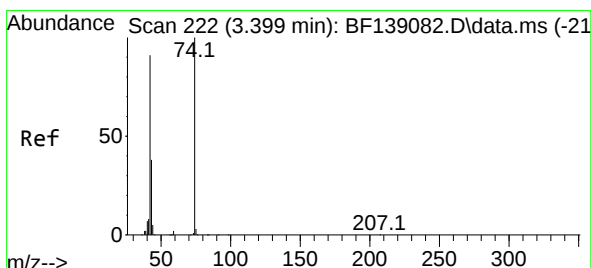
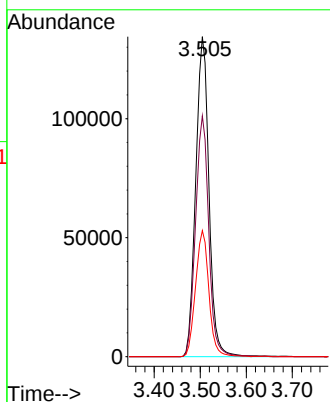
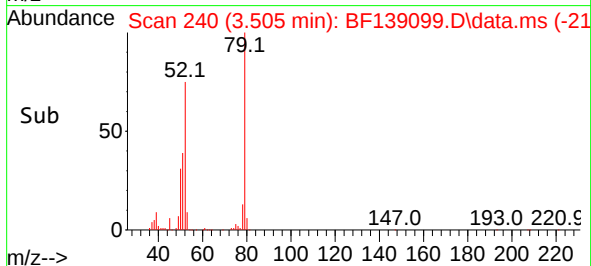
Instrument :
BNA_F
ClientSampleId :
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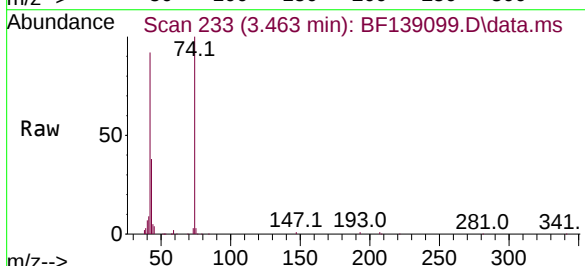
Tgt Ion: 79 Resp: 26892
Ion Ratio Lower Upper
79 100
52 75.2 59.7 89.5
51 39.4 30.6 45.8

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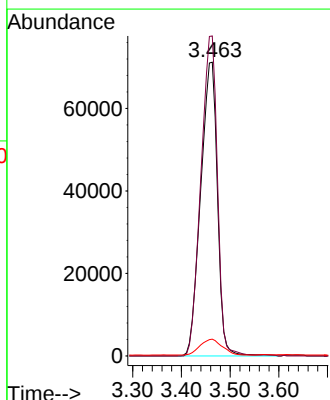
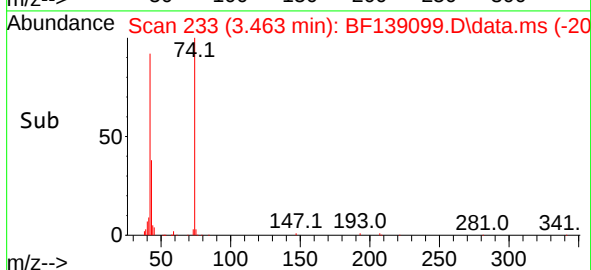
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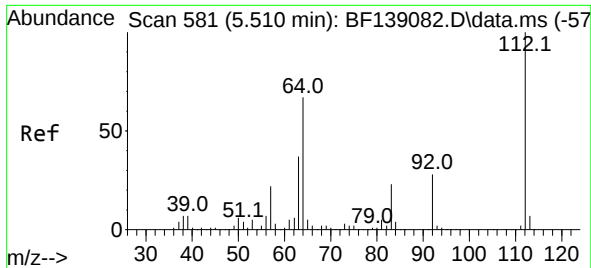


#4
n-Nitrosodimethylamine
Concen: 47.478 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.065 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



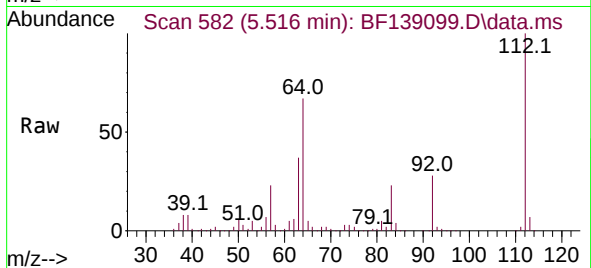
Tgt Ion: 42 Resp: 170190
Ion Ratio Lower Upper
42 100
74 108.9 88.2 132.2
44 5.7 5.4 8.0





#5
2-Fluorophenol
Concen: 72.893 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

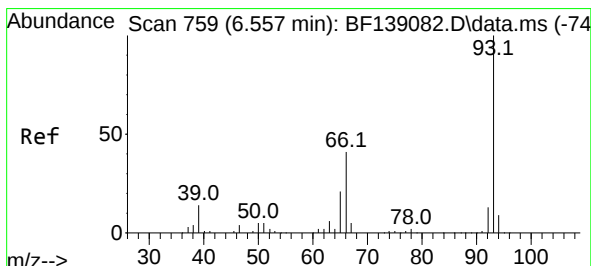
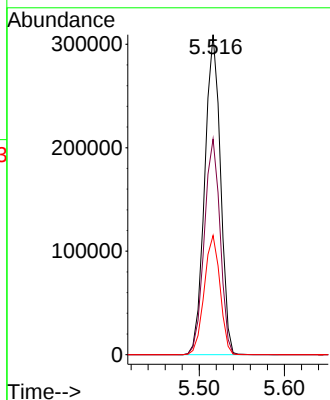
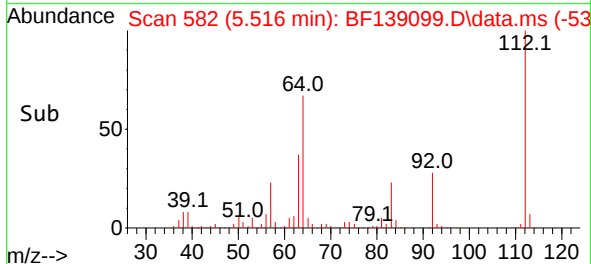
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:112 Resp: 396848
Ion Ratio Lower Upper
112 100
64 67.4 53.8 80.6
63 37.2 29.4 44.2

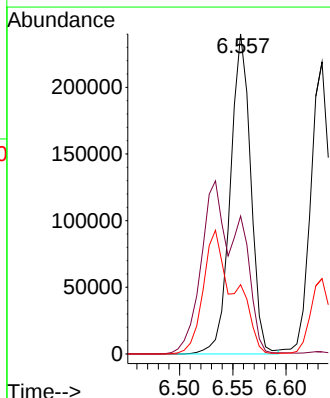
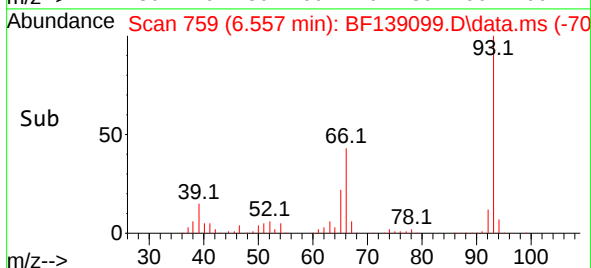
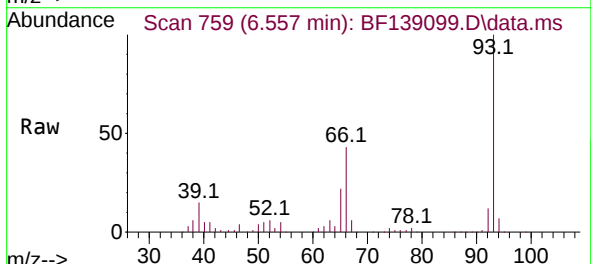
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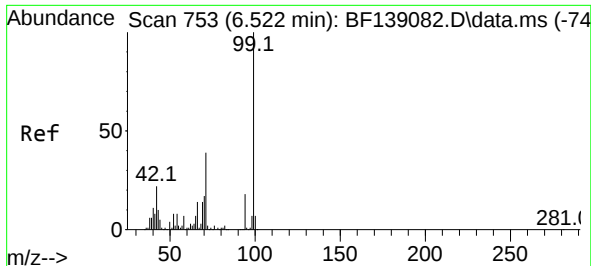
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#6
Aniline
Concen: 50.400 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

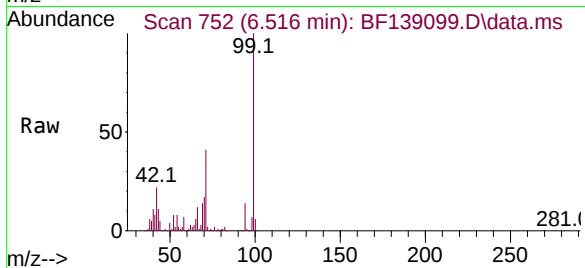
Tgt Ion: 93 Resp: 320069
Ion Ratio Lower Upper
93 100
66 43.1 35.1 52.7
65 21.6 17.4 26.2





#7
Phenol-d6
Concen: 75.452 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

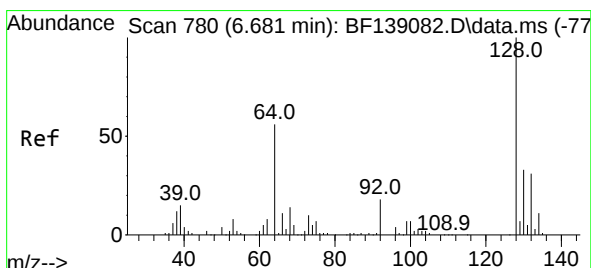
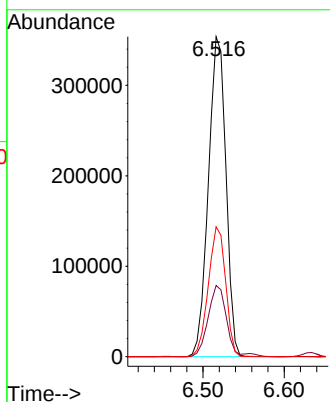
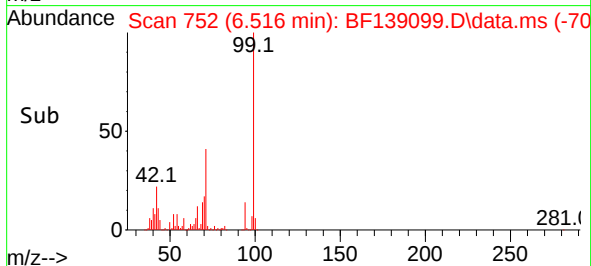
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 530779
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.6 31.2 46.8

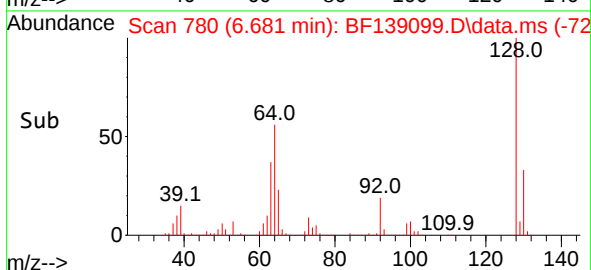
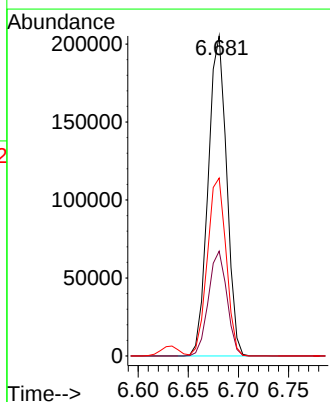
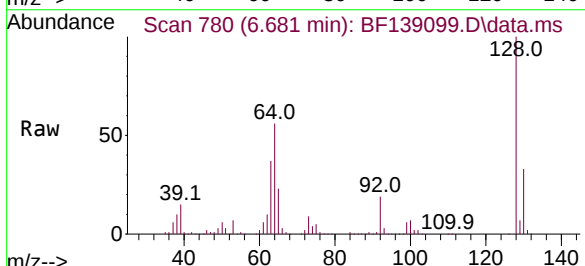
Manual Integrations
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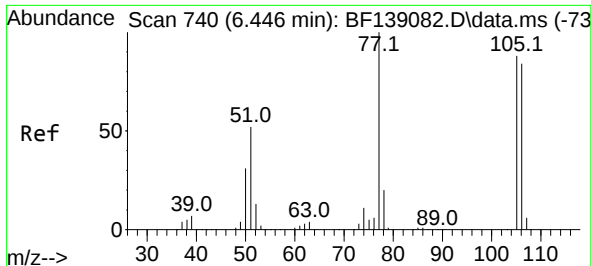
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#8
2-Chlorophenol
Concen: 50.279 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

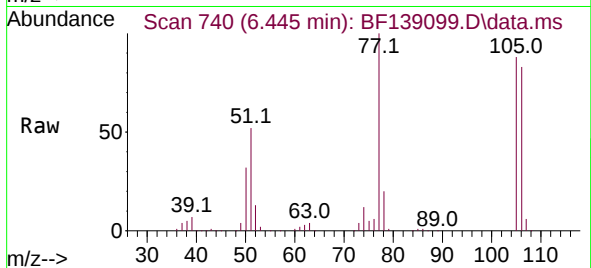
Tgt Ion:128 Resp: 263284
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 55.6 39.1 79.1





#9
Benzaldehyde
Concen: 37.550 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

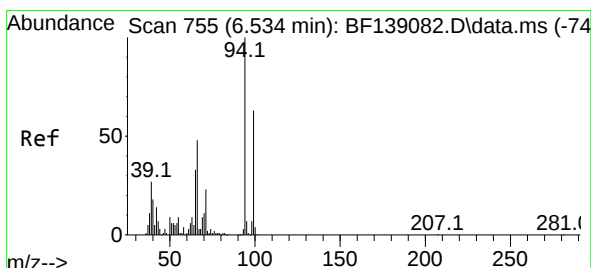
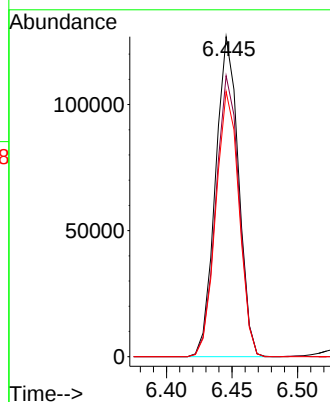
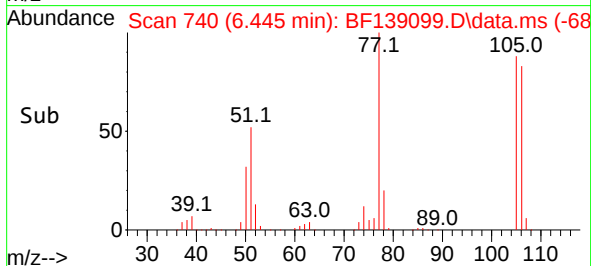
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S-906-J-0-0.5-081624MS



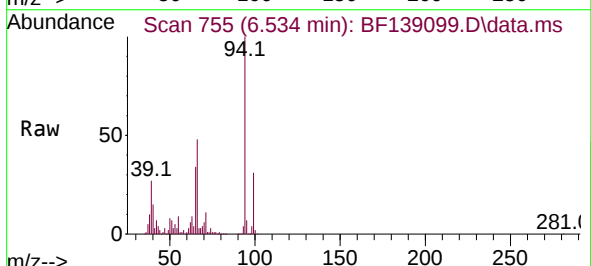
Tgt Ion: 77 Resp: 154924
Ion Ratio Lower Upper
77 100
105 87.8 68.2 108.2
106 82.8 63.8 103.8

Manual Integrations
APPROVED

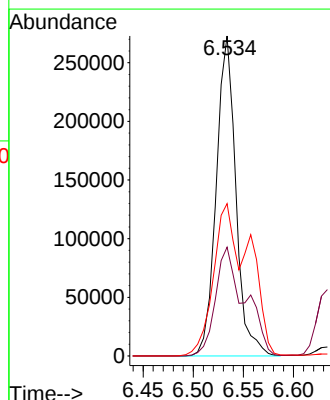
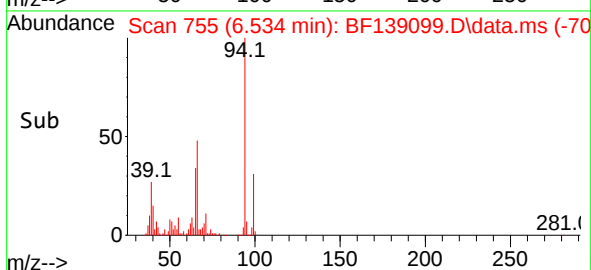
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

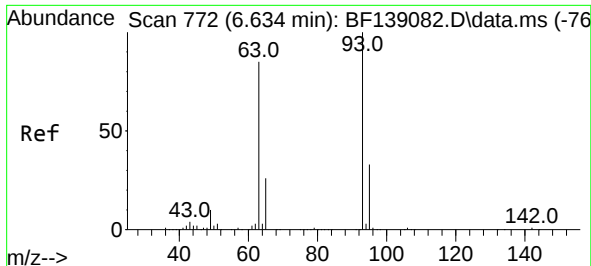


#10
Phenol
Concen: 50.679 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



Tgt Ion: 94 Resp: 370947
Ion Ratio Lower Upper
94 100
65 34.0 13.5 53.5
66 47.6 28.5 68.5





#11

bis(2-Chloroethyl)ether

Concen: 45.757 ng

RT: 6.634 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS

Tgt Ion: 93 Resp: 269340

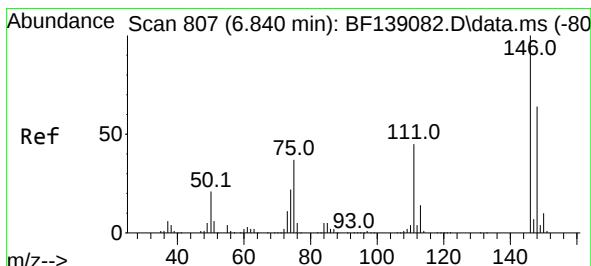
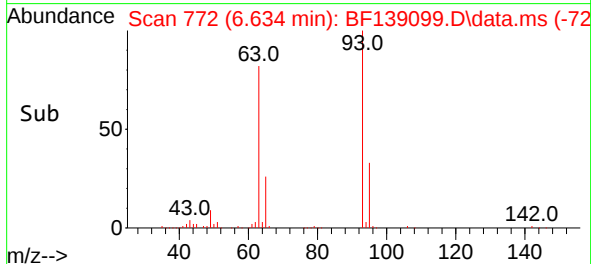
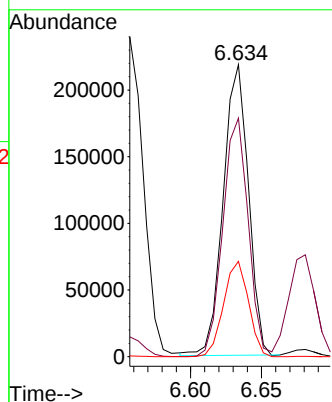
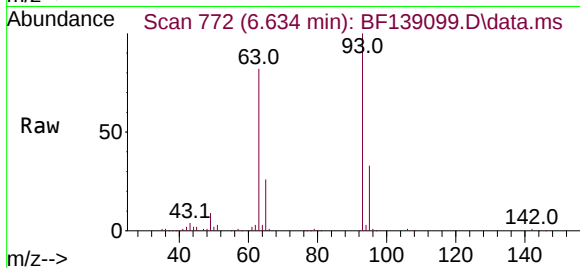
Ion	Ratio	Lower	Upper
93	100		
63	81.7	62.7	102.7
95	32.6	11.9	51.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#12

1,3-Dichlorobenzene

Concen: 47.047 ng

RT: 6.840 min Scan# 807

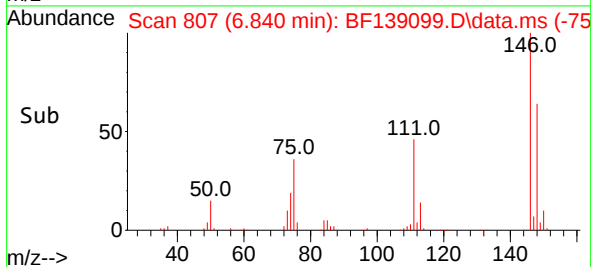
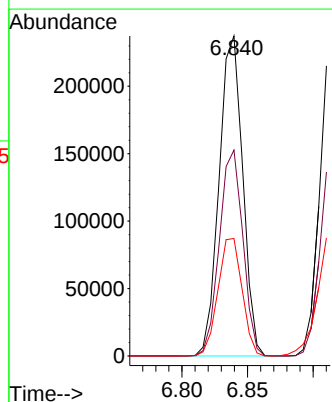
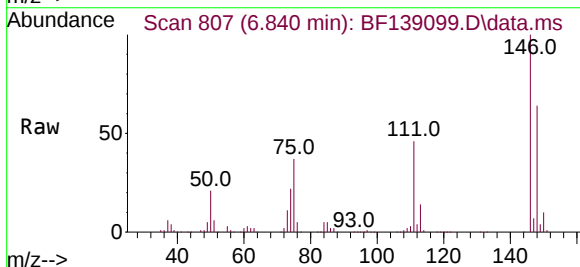
Delta R.T. -0.000 min

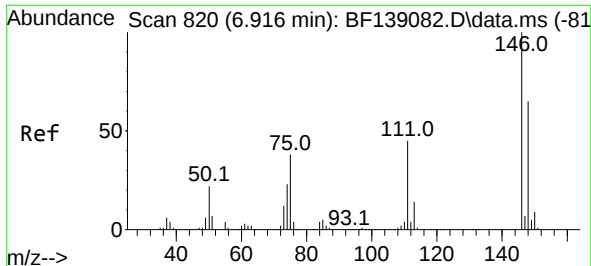
Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Tgt Ion:146 Resp: 296203

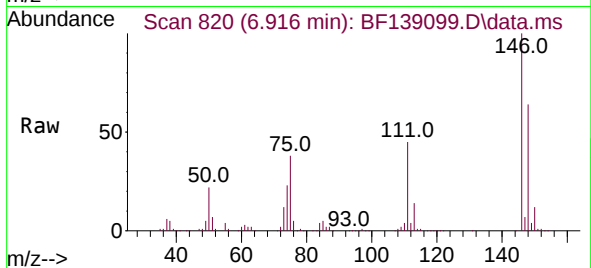
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	36.7	29.9	44.9





#13
1,4-Dichlorobenzene
Concen: 47.602 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

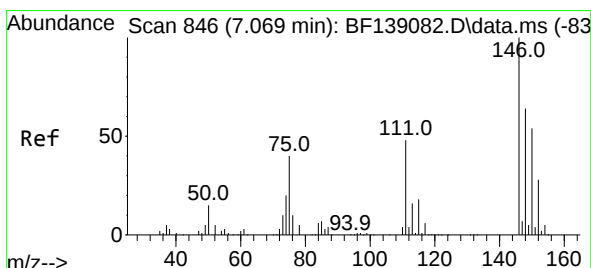
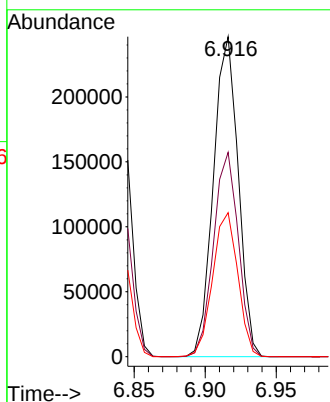
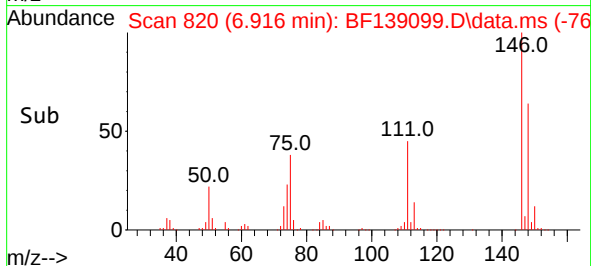
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



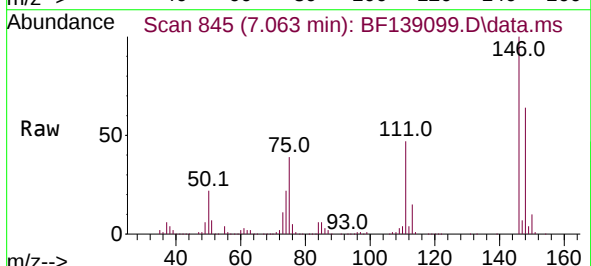
Tgt Ion:146 Resp: 29965
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 45.0 35.8 53.6

Manual Integrations
APPROVED

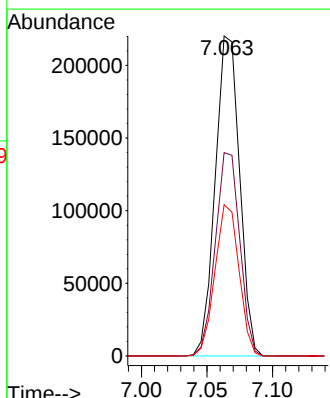
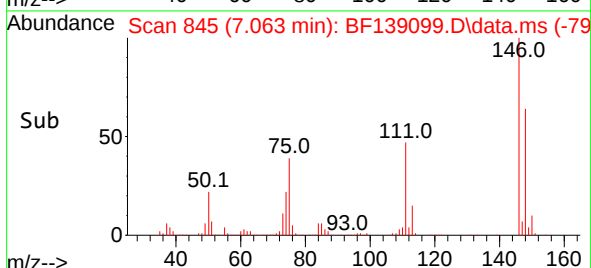
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

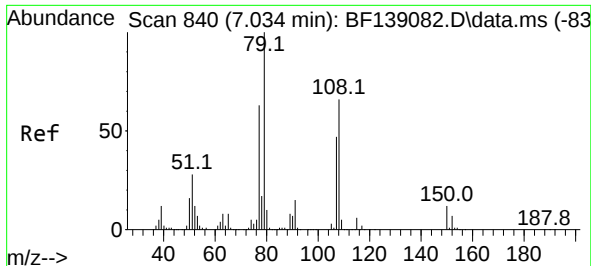


#14
1,2-Dichlorobenzene
Concen: 49.427 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



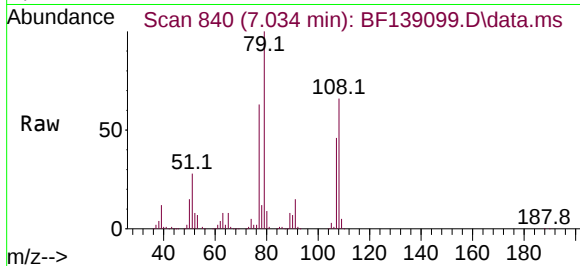
Tgt Ion:146 Resp: 284362
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 47.3 38.1 57.1





#15
Benzyl Alcohol
Concen: 51.812 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

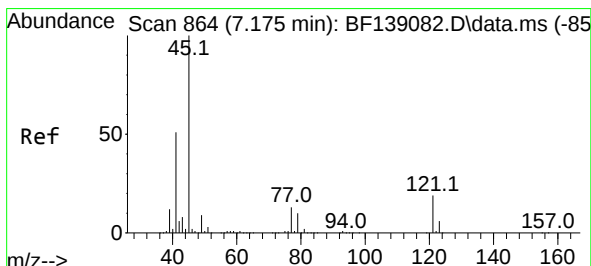
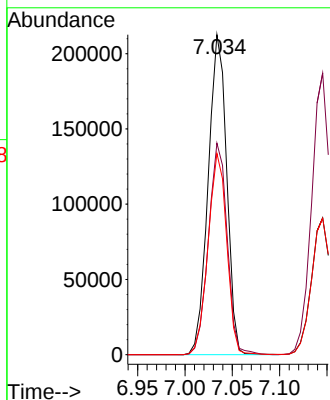
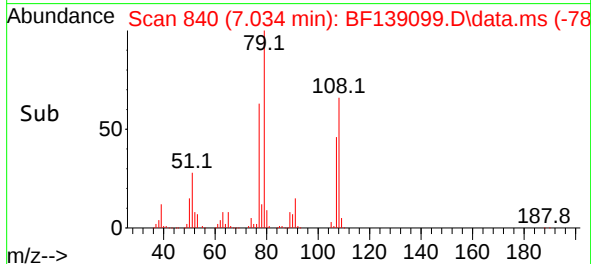
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion: 79 Resp: 288072
Ion Ratio Lower Upper
79 100
108 66.1 52.8 79.2
77 62.9 50.6 76.0

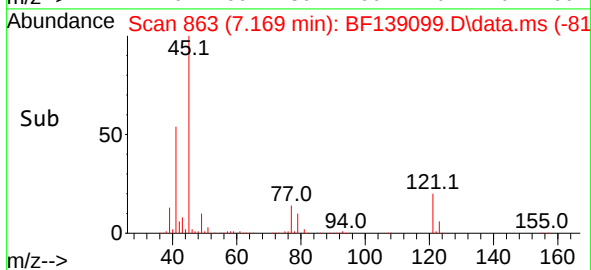
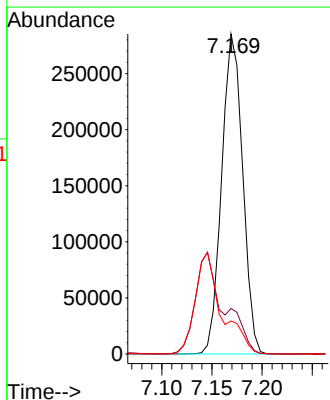
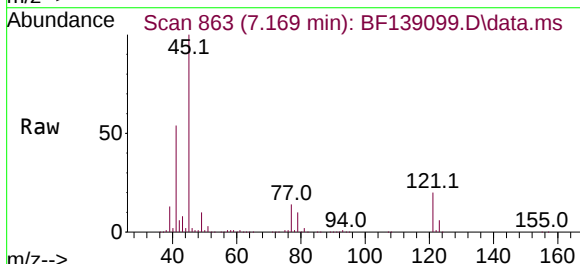
Manual Integrations
APPROVED

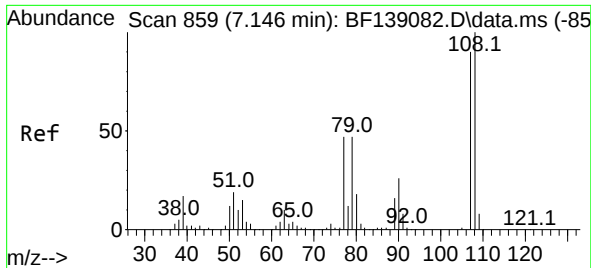
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.031 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

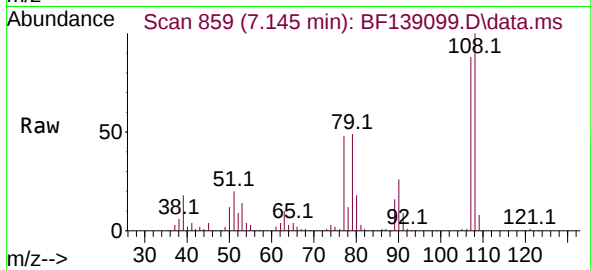
Tgt Ion: 45 Resp: 414848
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.7
79 10.3 0.0 30.4





#17
2-Methylphenol
Concen: 50.078 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

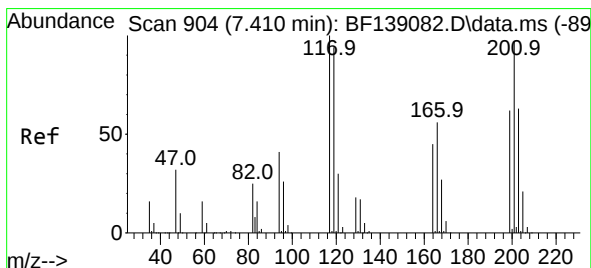
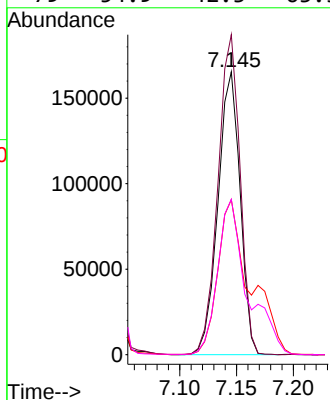
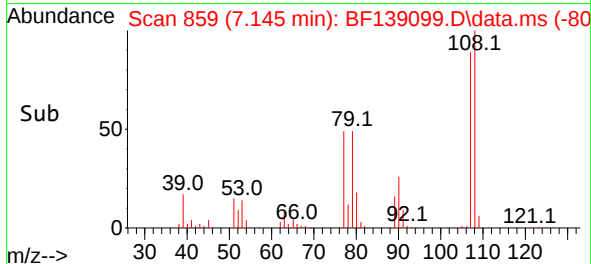
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:107 Resp: 224340
Ion Ratio Lower Upper
107 100
108 113.1 89.1 133.7
77 54.8 42.1 63.1
79 54.9 42.3 63.5

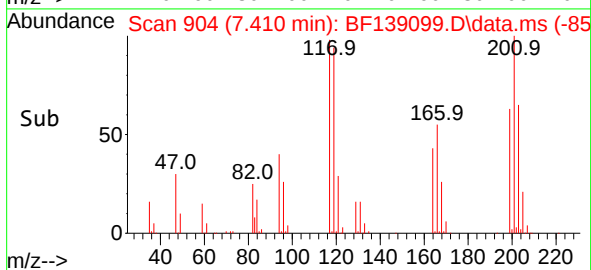
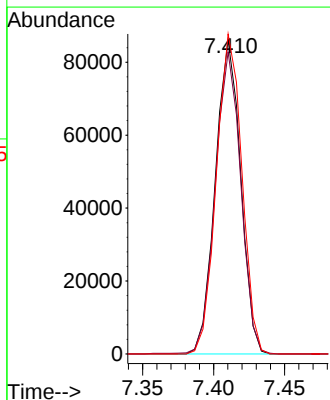
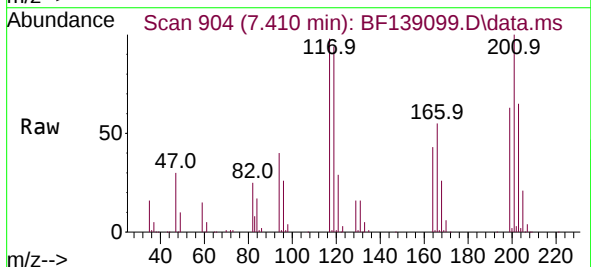
Manual Integrations
APPROVED

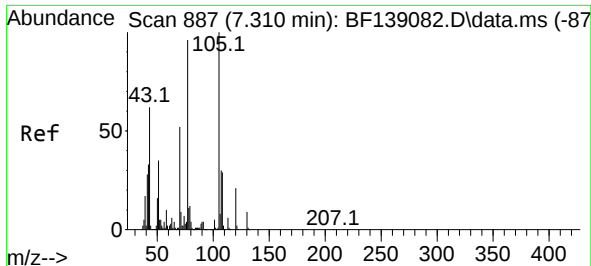
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#18
Hexachloroethane
Concen: 48.302 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

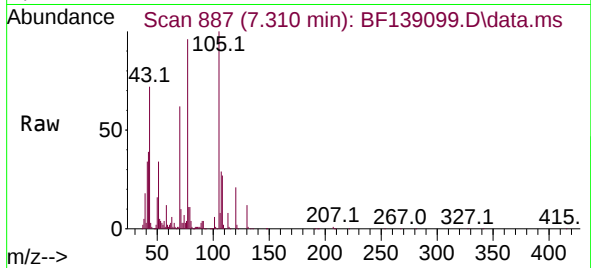
Tgt Ion:117 Resp: 106621
Ion Ratio Lower Upper
117 100
119 96.2 75.5 113.3
201 101.9 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.571 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

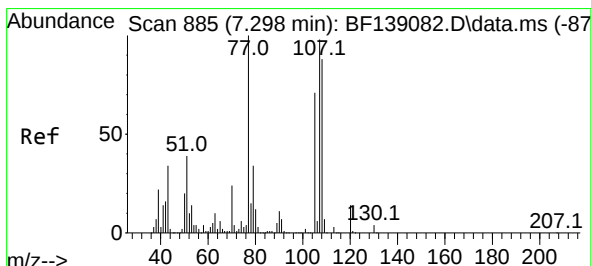
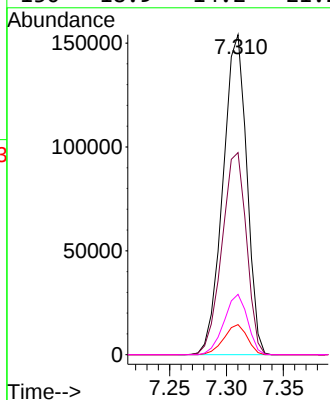
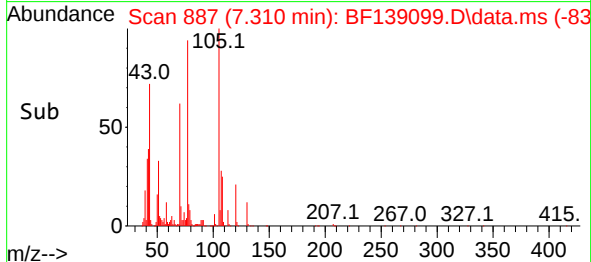
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



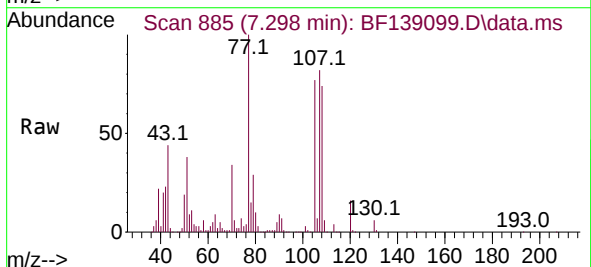
Tgt Ion: 70 Resp: 224384
Ion Ratio Lower Upper
70 100
42 63.1 50.5 75.7
101 9.4 7.2 10.8
130 18.9 14.2 21.2

Manual Integrations
APPROVED

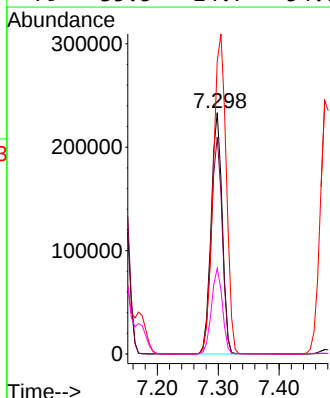
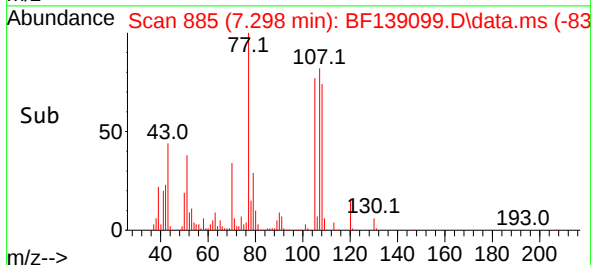
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

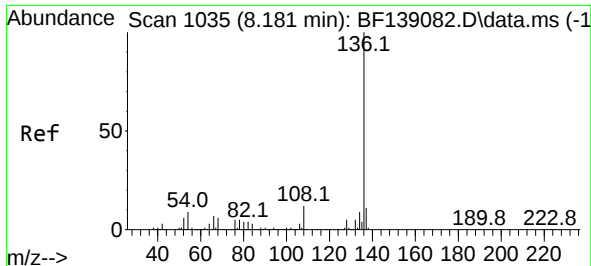


#20
3+4-Methylphenols
Concen: 50.856 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



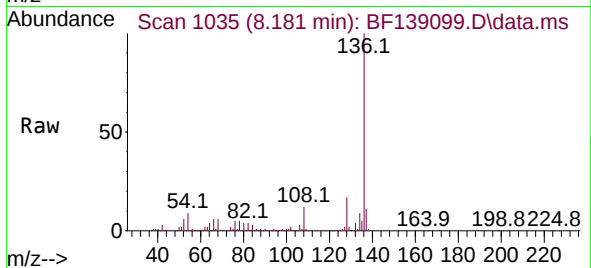
Tgt Ion:107 Resp: 295180
Ion Ratio Lower Upper
107 100
108 89.9 70.2 110.2
77 121.3 82.7 122.7
79 35.5 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

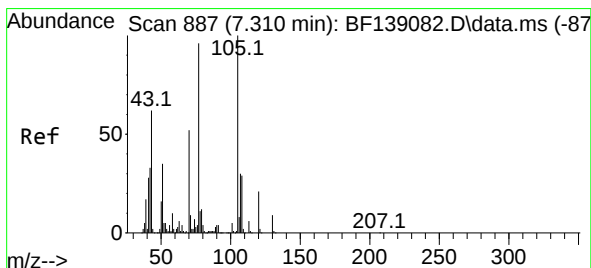
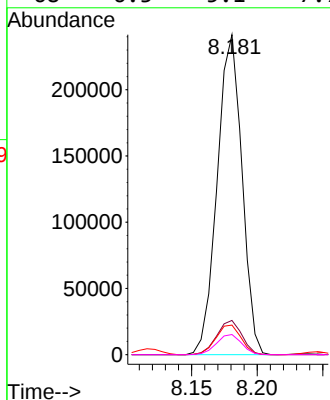
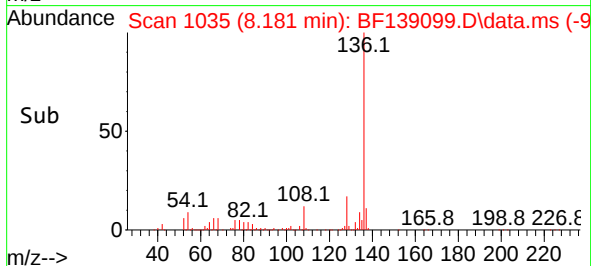
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:136 Resp: 316859
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.3 7.6 11.4
68 6.3 5.1 7.7

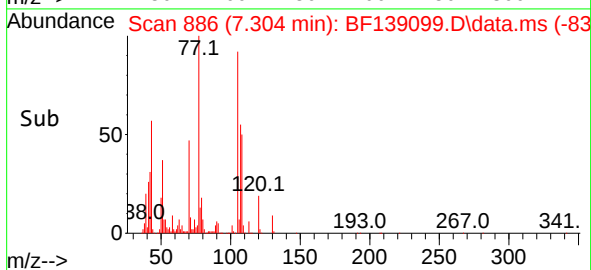
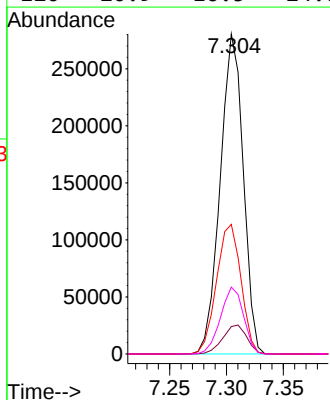
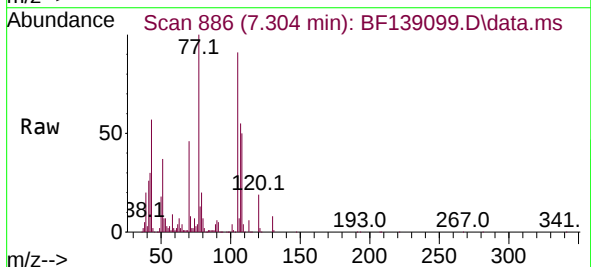
Manual Integrations
APPROVED

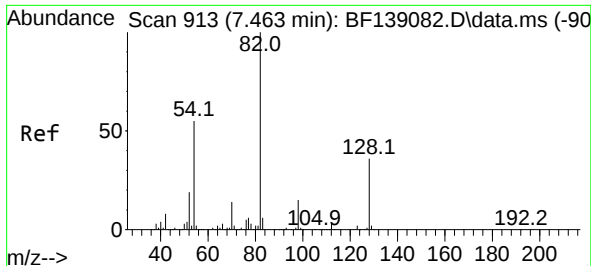
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 48.859 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion:105 Resp: 395290
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.6
51 40.5 28.0 42.0
120 20.9 16.5 24.7





#23

Nitrobenzene-d5

Concen: 61.516 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS

Tgt Ion: 82 Resp: 334510

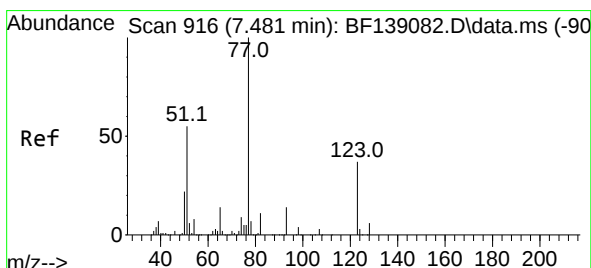
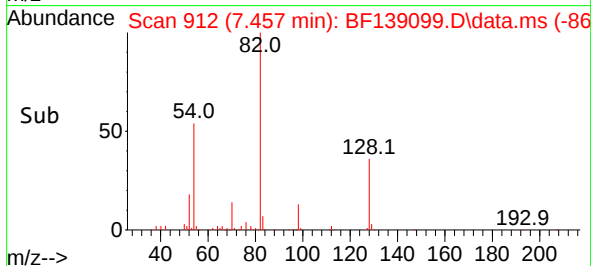
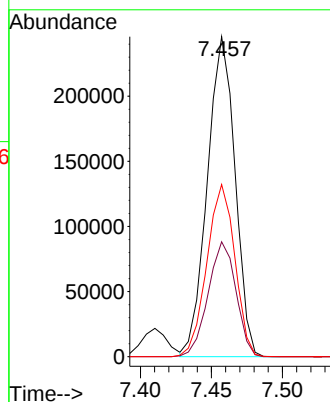
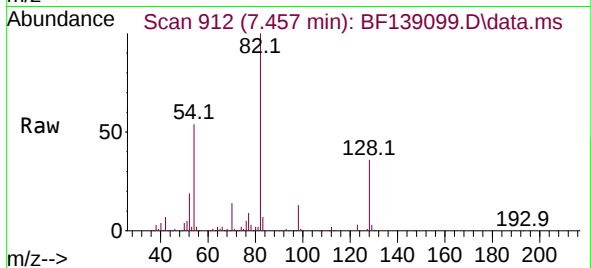
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	53.8	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#24

Nitrobenzene

Concen: 53.819 ng

RT: 7.475 min Scan# 915

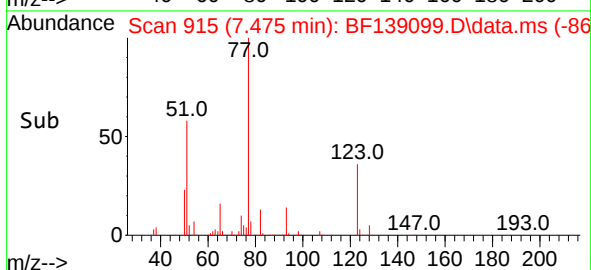
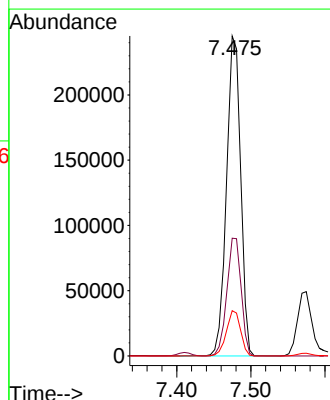
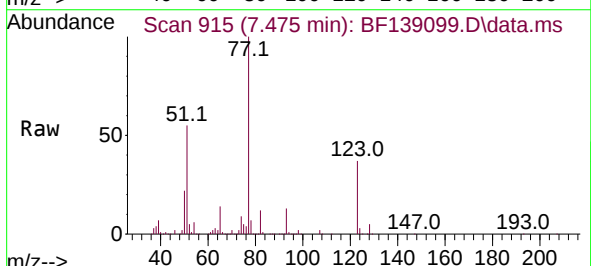
Delta R.T. -0.006 min

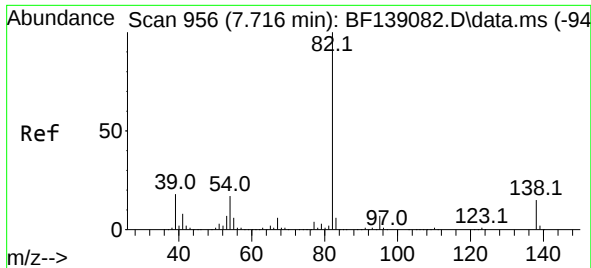
Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Tgt Ion: 77 Resp: 325298

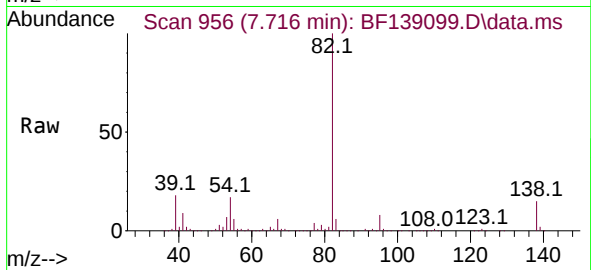
Ion	Ratio	Lower	Upper
77	100		
123	36.8	30.3	45.5
65	14.2	11.3	16.9





#25
Isophorone
Concen: 51.555 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

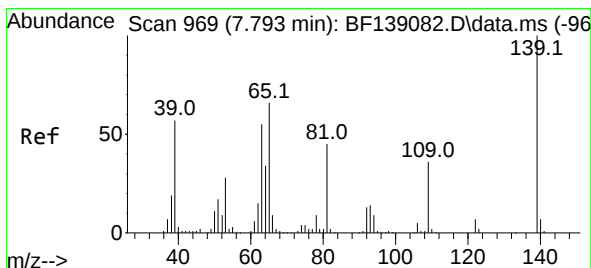
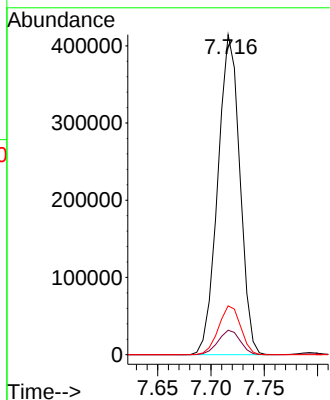
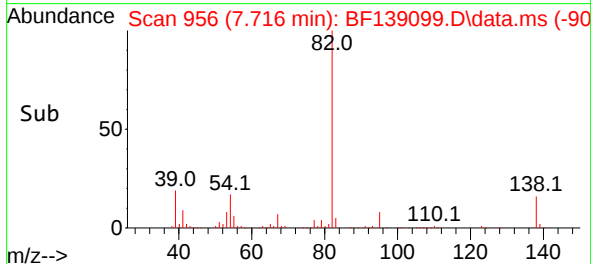
Instrument :
BNA_F
Client Sample Id :
S-906-J-0-0.5-081624MS



Tgt Ion: 82 Resp: 595860
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.2 11.8 17.8

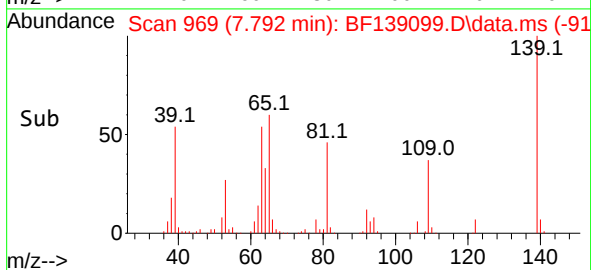
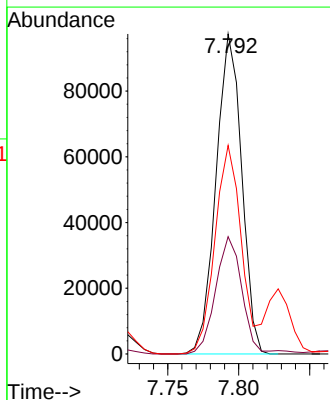
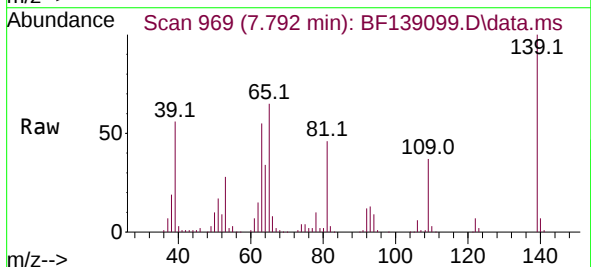
Manual Integrations
APPROVED

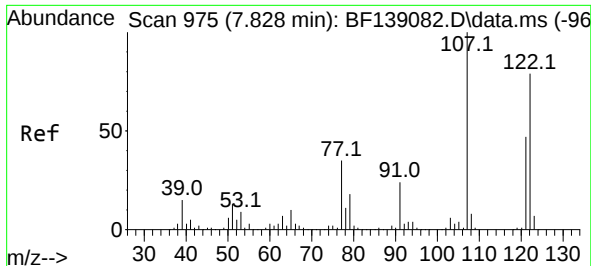
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 56.878 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

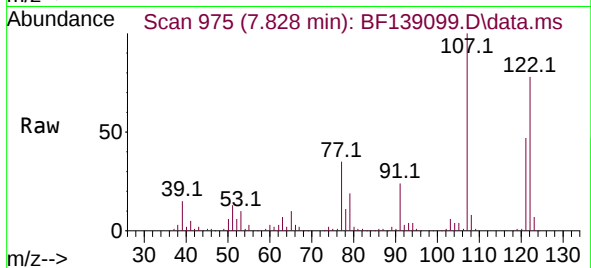
Tgt Ion:139 Resp: 122351
Ion Ratio Lower Upper
139 100
109 36.7 29.2 43.8
65 65.2 52.7 79.1





#27
2,4-Dimethylphenol
Concen: 59.234 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

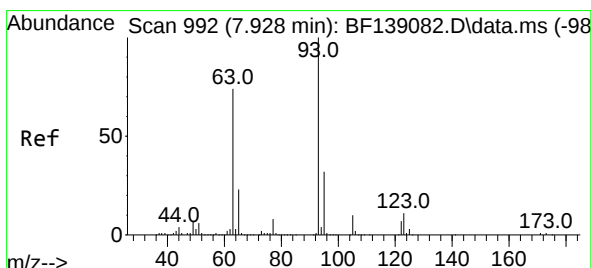
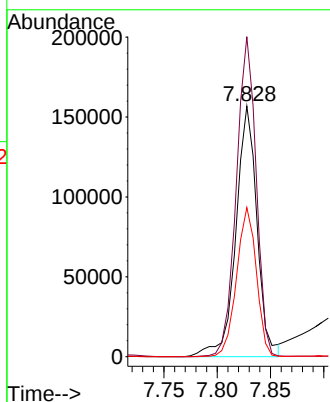
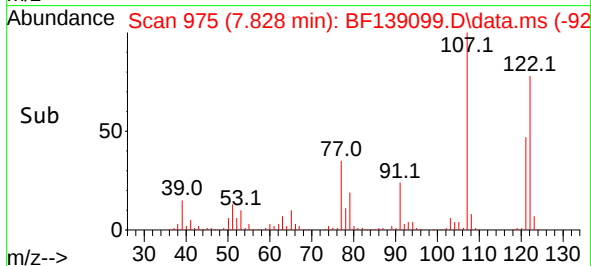
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:122 Resp: 217095
Ion Ratio Lower Upper
122 100
107 127.7 101.1 151.7
121 59.5 47.5 71.3

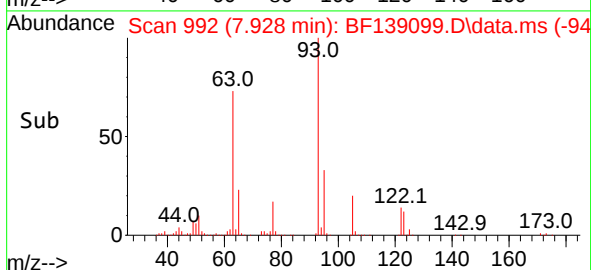
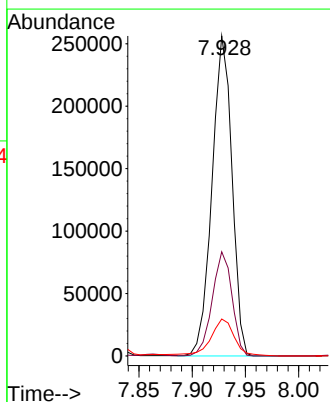
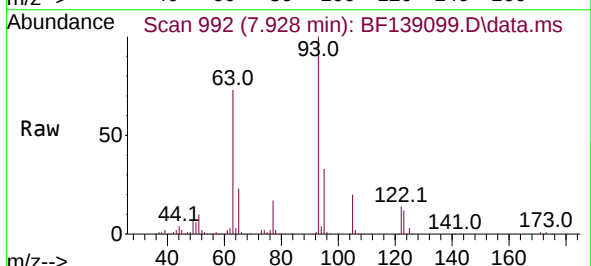
Manual Integrations
APPROVED

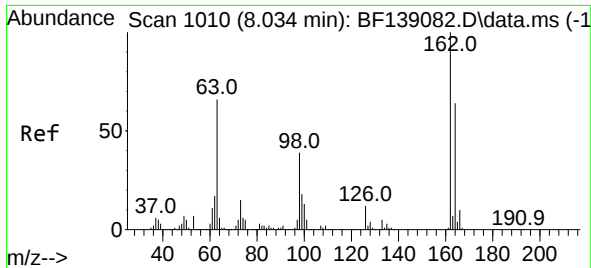
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.270 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion: 93 Resp: 332736
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.5 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.089 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

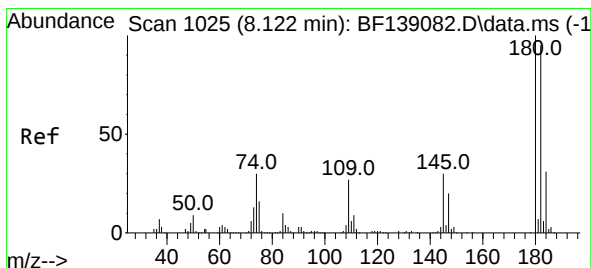
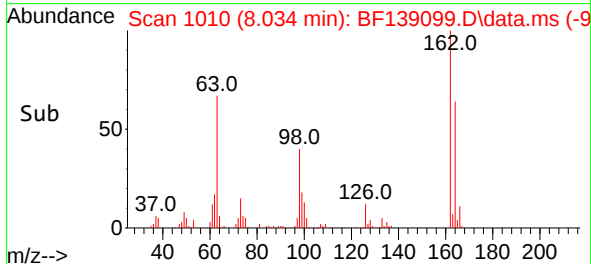
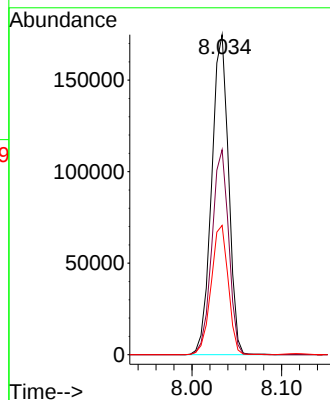
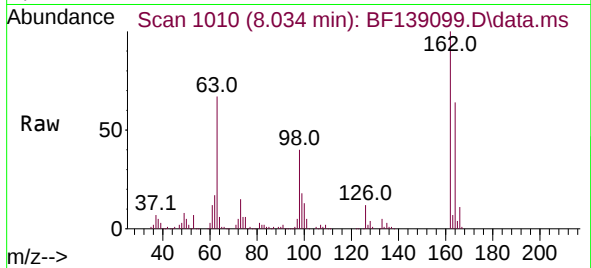
ClientSampleId :

S-906-J-0-0.5-081624MS

Tgt Ion:162 Resp: 228704
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.9 83.9
 98 40.4 19.7 59.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.436 ng

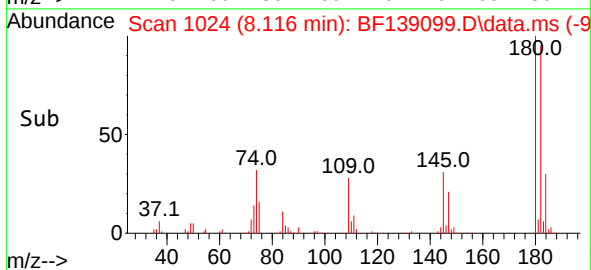
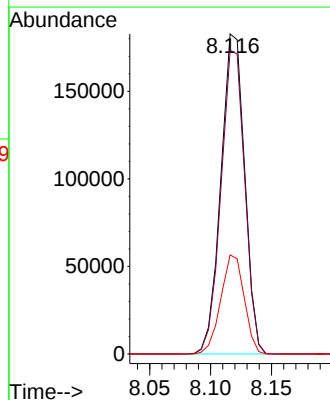
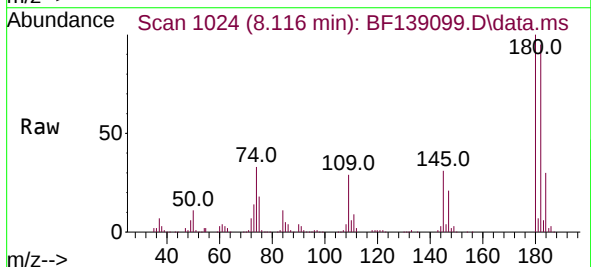
RT: 8.116 min Scan# 1024

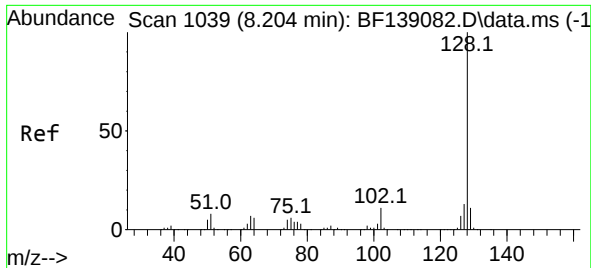
Delta R.T. -0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

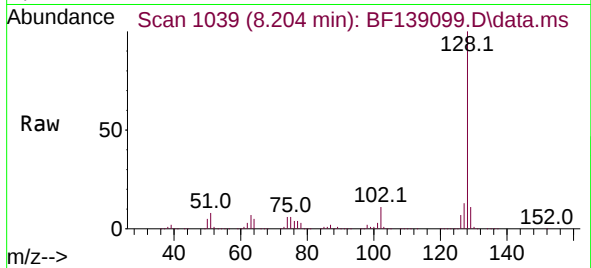
Tgt Ion:180 Resp: 248270
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 145 31.0 23.9 35.9





#31
Naphthalene
Concen: 48.385 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

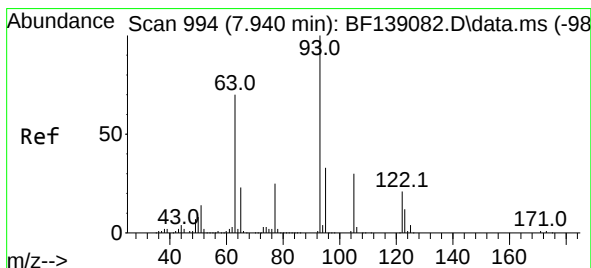
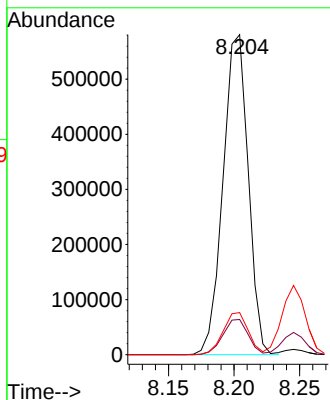
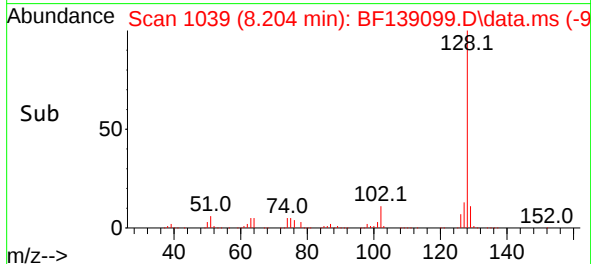
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:128 Resp: 77690
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.7 16.1

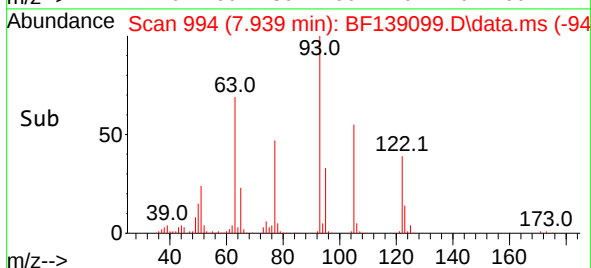
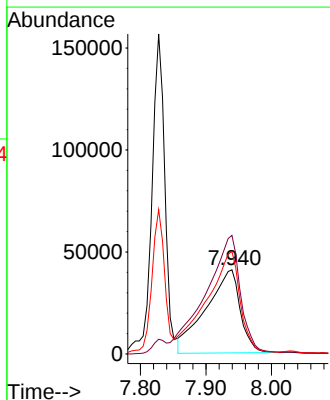
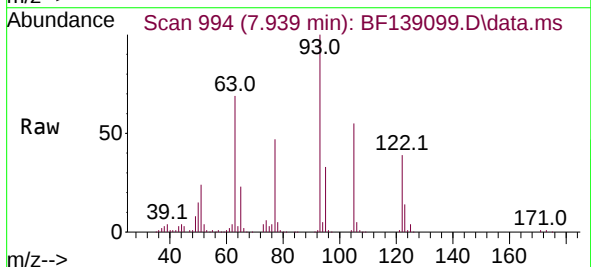
Manual Integrations
APPROVED

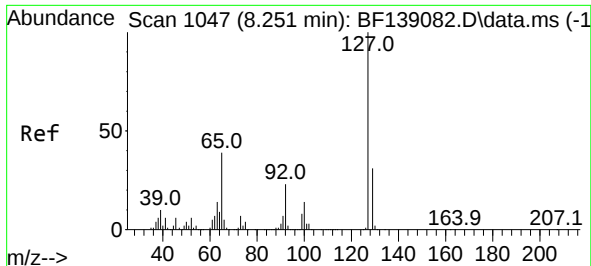
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#32
Benzoic acid
Concen: 48.529 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

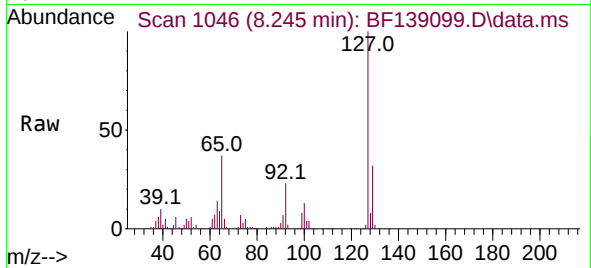
Tgt Ion:122 Resp: 148457
Ion Ratio Lower Upper
122 100
105 140.7 119.6 159.6
77 121.6 97.6 137.6





#33
4-Chloroaniline
Concen: 28.542 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

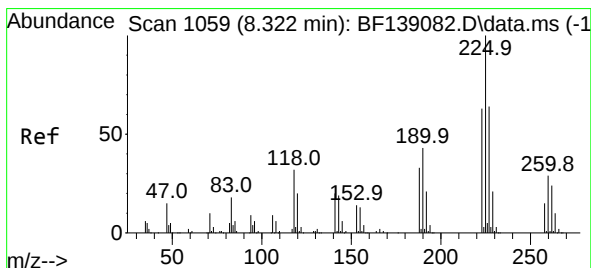
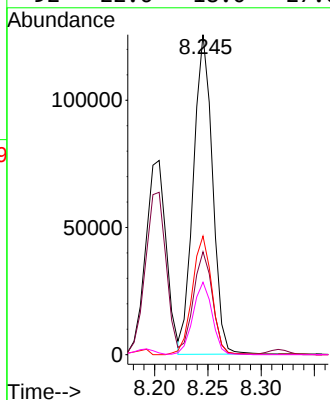
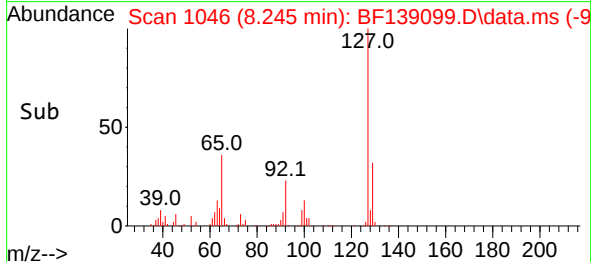
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:	127	Resp:	15695
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.0	39.0
65	37.1	30.3	45.5
92	22.6	18.0	27.0

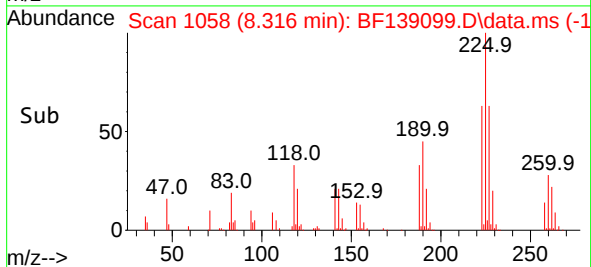
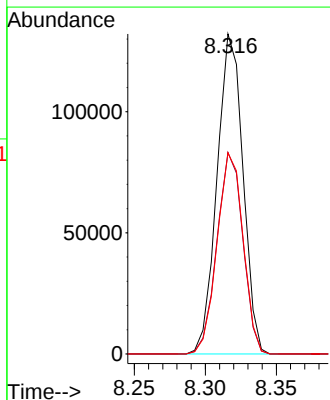
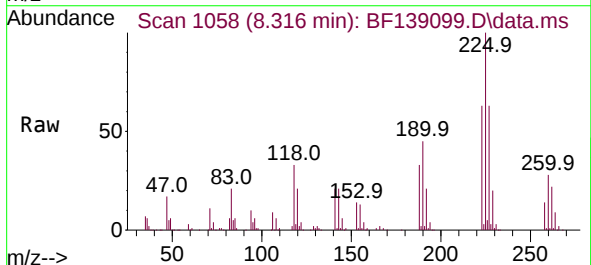
Manual Integrations
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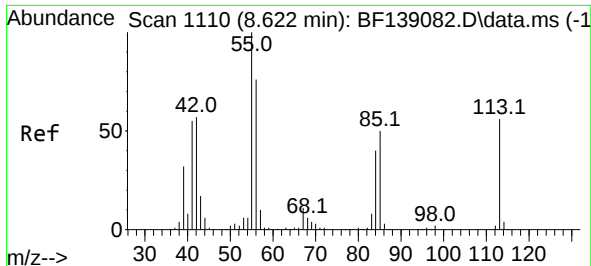
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 48.003 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

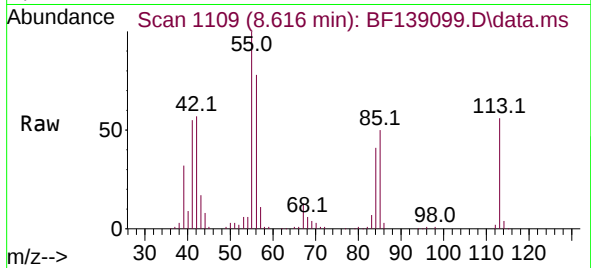
Tgt Ion:	225	Resp:	167651
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.0	75.0
227	62.9	51.4	77.2





#35
Caprolactam
Concen: 49.479 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

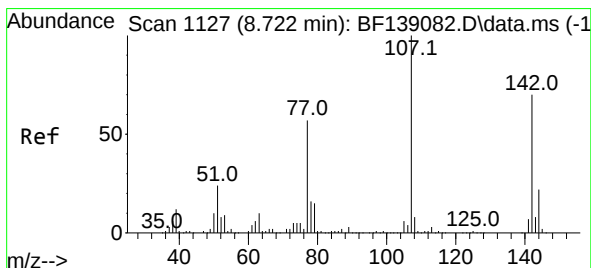
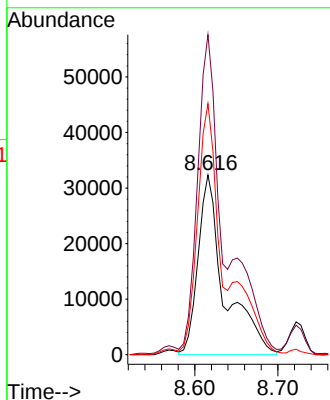
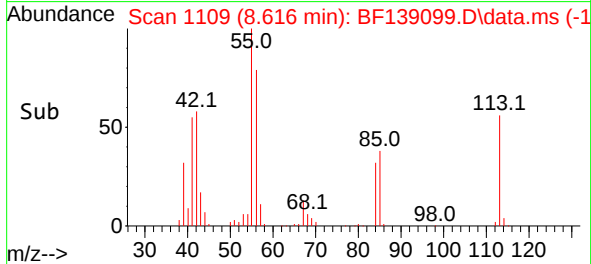
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:113 Resp: 7162
Ion Ratio Lower Upper
113 100
55 178.1 158.6 198.6
56 139.7 115.9 155.9

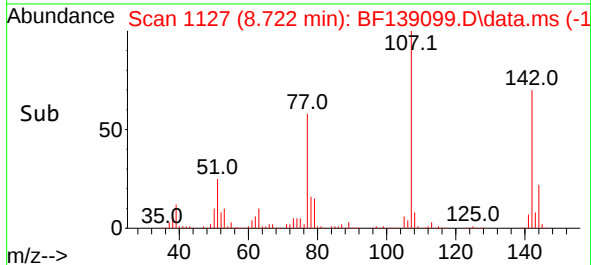
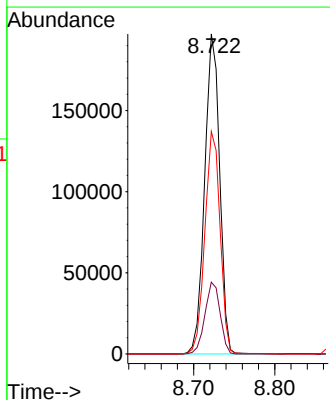
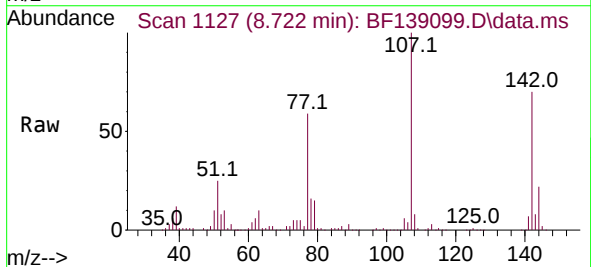
Manual Integrations
APPROVED

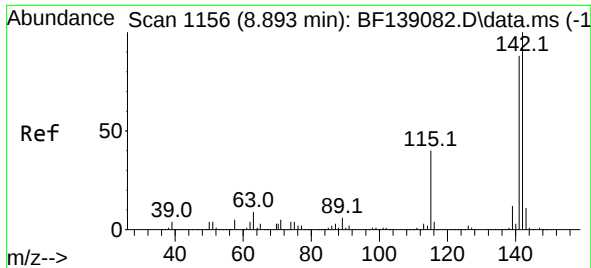
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 50.054 ng
RT: 8.722 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

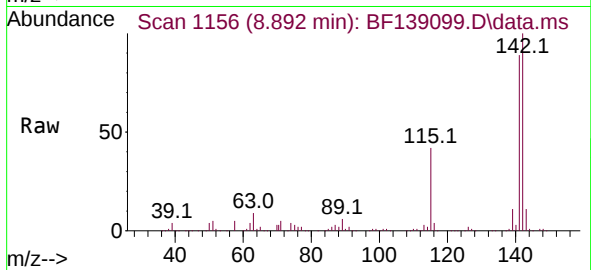
Tgt Ion:107 Resp: 253055
Ion Ratio Lower Upper
107 100
144 22.4 17.7 26.5
142 69.5 55.6 83.4





#37
2-Methylnaphthalene
Concen: 48.931 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

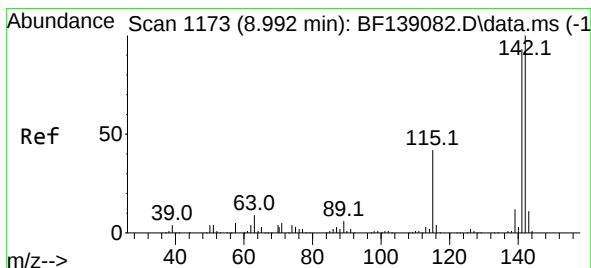
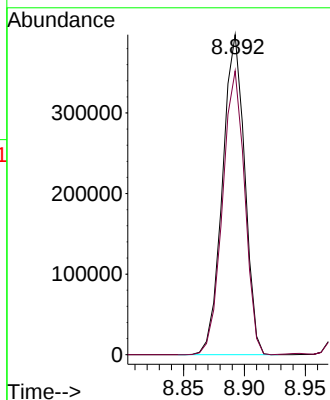
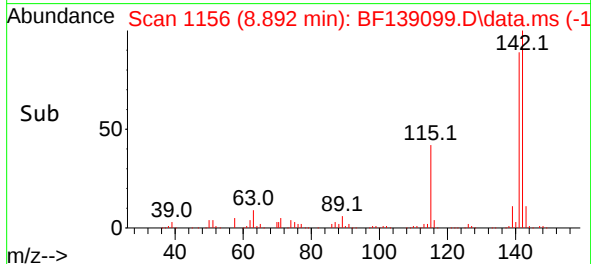
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:142 Resp: 50394
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8

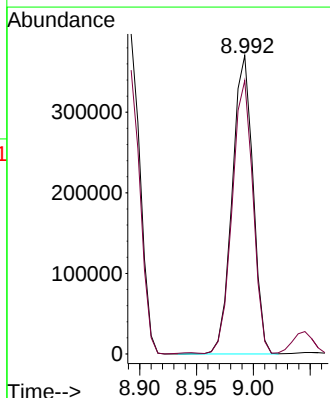
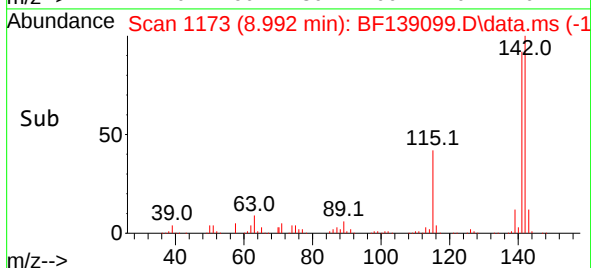
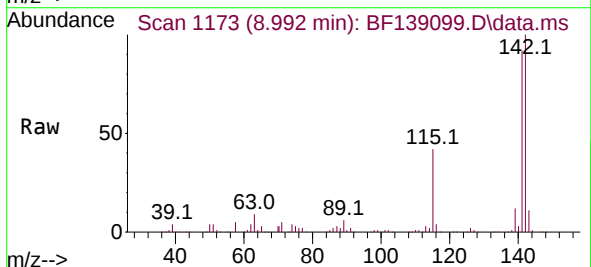
Manual Integrations
APPROVED

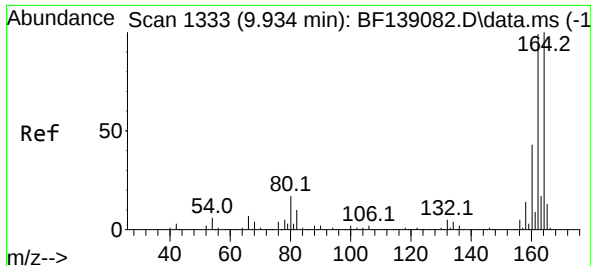
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#38
1-Methylnaphthalene
Concen: 47.429 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

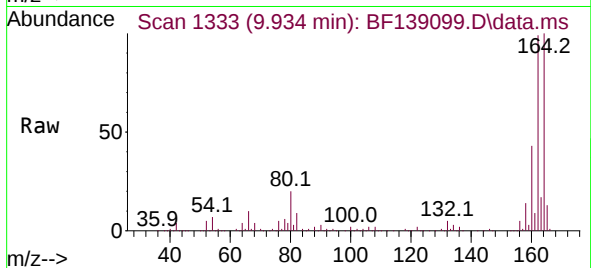
Tgt Ion:142 Resp: 471448
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

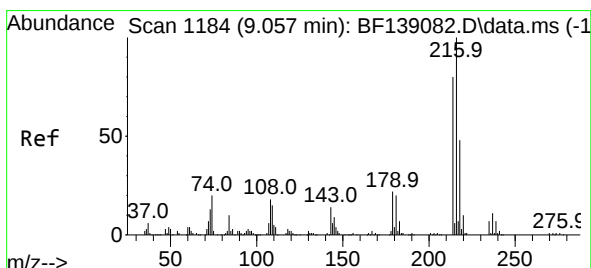
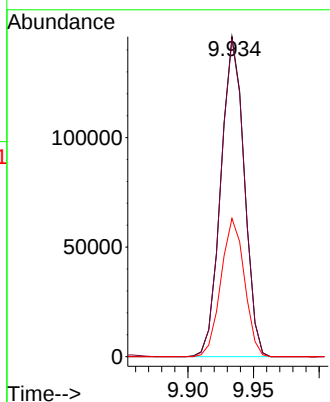
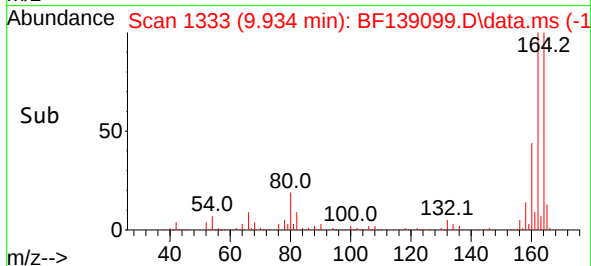
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



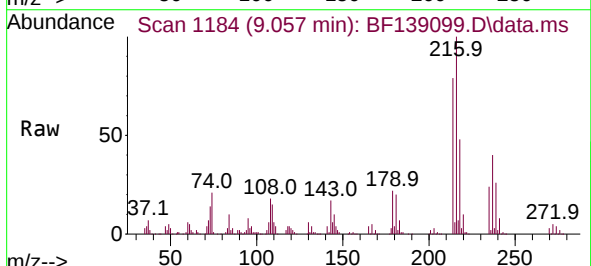
Tgt Ion:164 Resp: 180680
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 43.2 34.5 51.7

Manual Integrations
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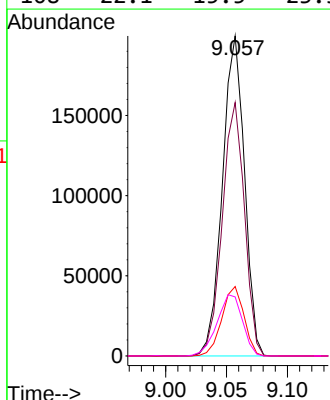
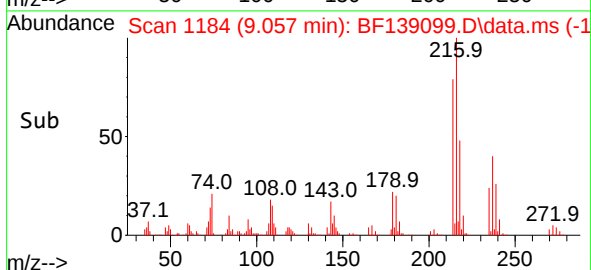
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

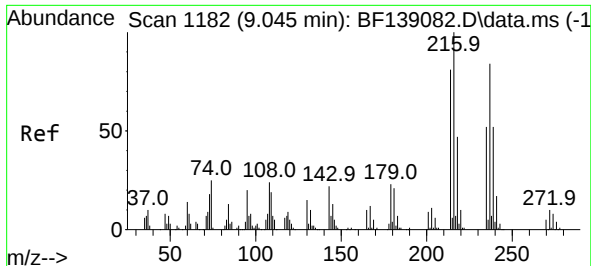


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.453 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



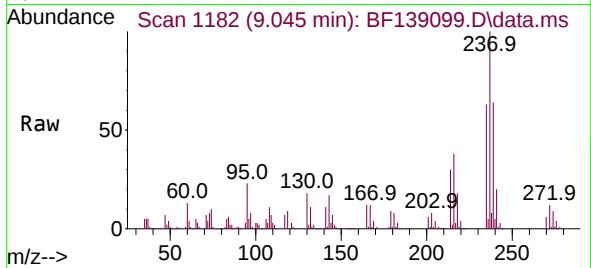
Tgt Ion:216 Resp: 251951
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.2
179 21.8 17.4 26.2
108 22.1 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 162.612 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

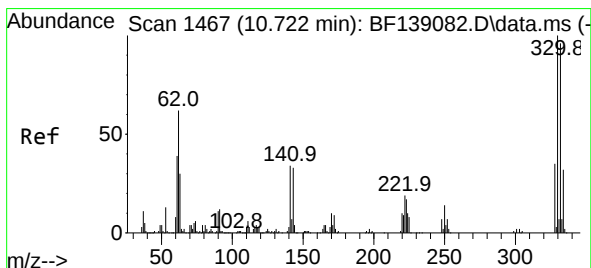
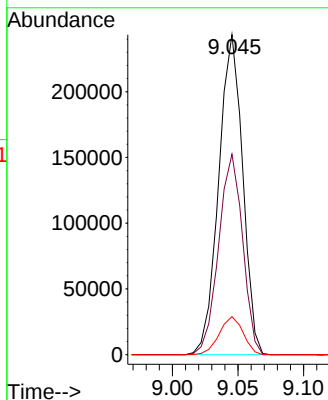
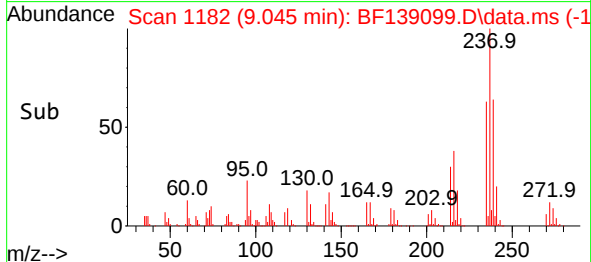
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



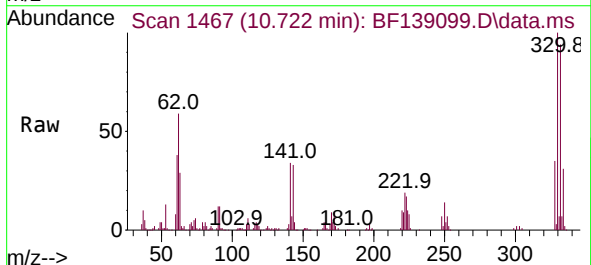
Tgt Ion:237 Resp: 309149
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 11.9 0.0 32.0

Manual Integrations
APPROVED

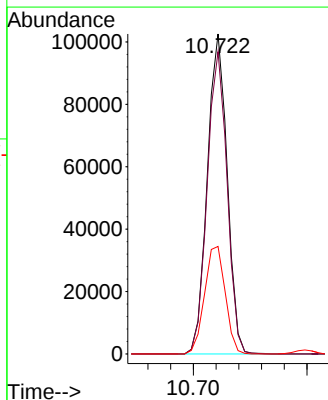
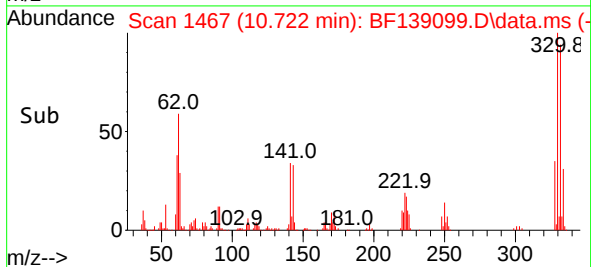
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

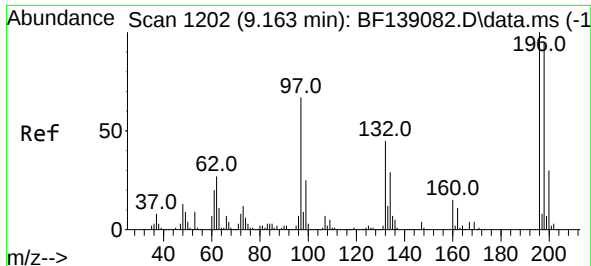


#42
2,4,6-Tribromophenol
Concen: 75.965 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



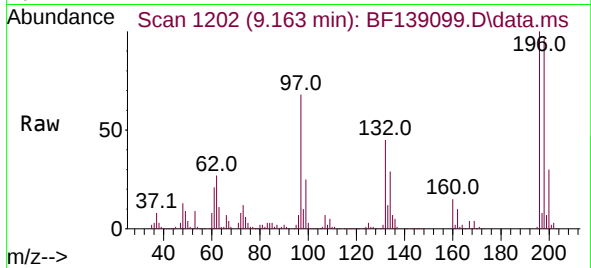
Tgt Ion:330 Resp: 124254
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 35.1 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 53.138 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

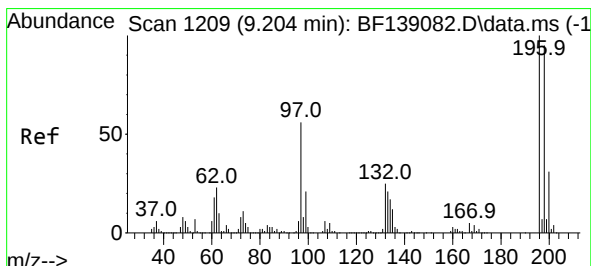
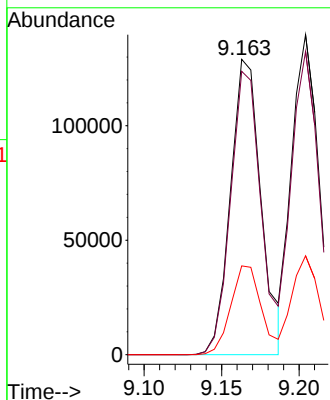
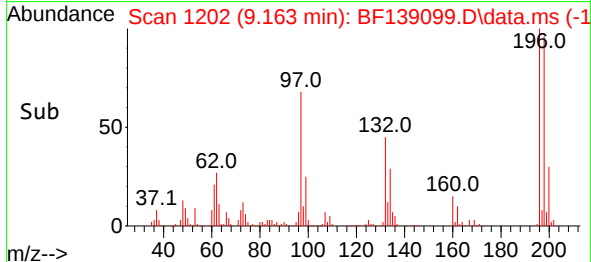
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



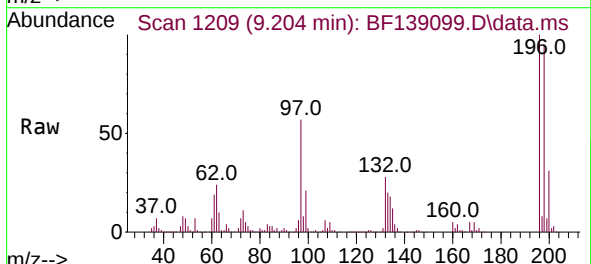
Tgt Ion:196 Resp: 17738
Ion Ratio Lower Upper
196 100
198 96.0 76.4 114.6
200 30.0 23.8 35.8

Manual Integrations
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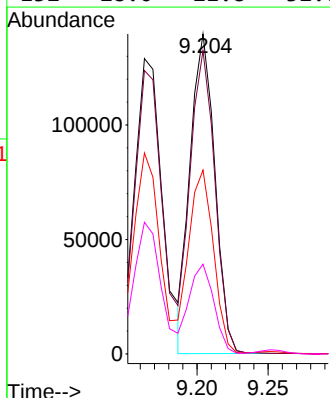
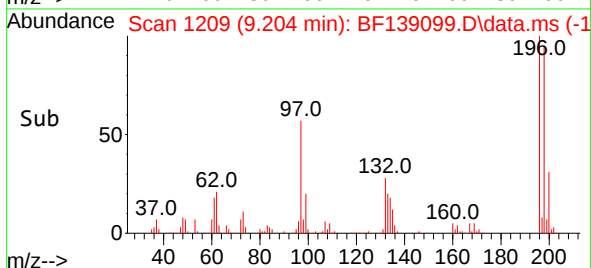
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

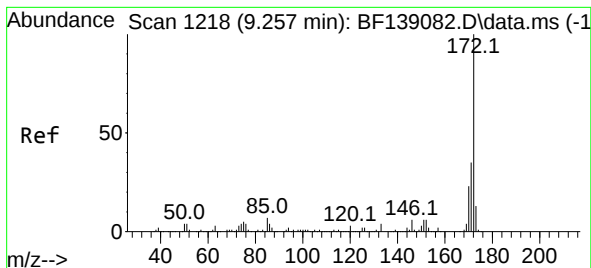


#44
2,4,5-Trichlorophenol
Concen: 49.120 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



Tgt Ion:196 Resp: 168308
Ion Ratio Lower Upper
196 100
198 94.8 76.6 114.8
97 57.5 44.6 67.0
132 28.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 40.539 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS

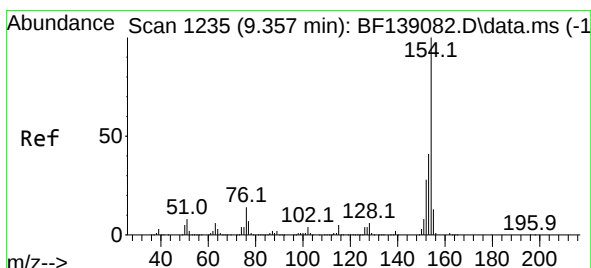
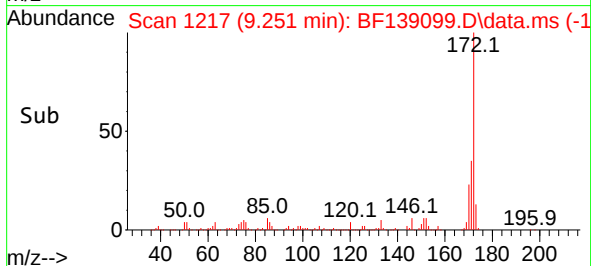
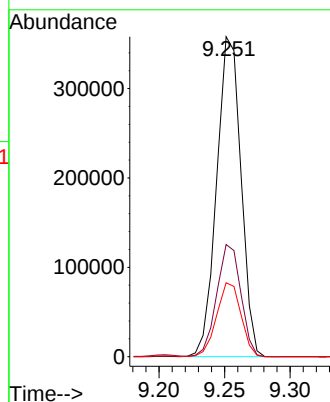
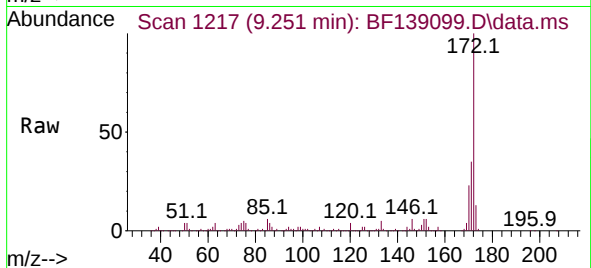
Tgt Ion:172	Resp: 461648
Ion Ratio	Lower Upper
172 100	
171 35.1	28.4 42.6
170 23.1	18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#46

1,1'-Biphenyl

Concen: 50.690 ng

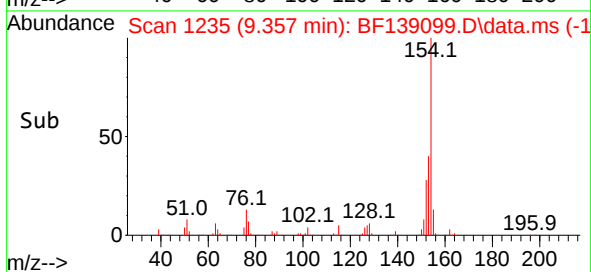
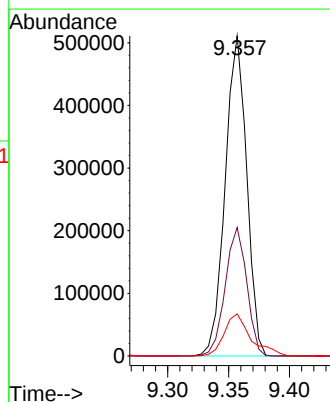
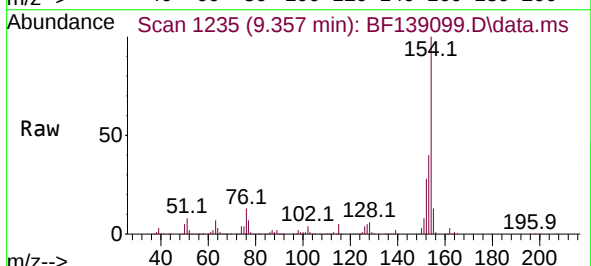
RT: 9.357 min Scan# 1235

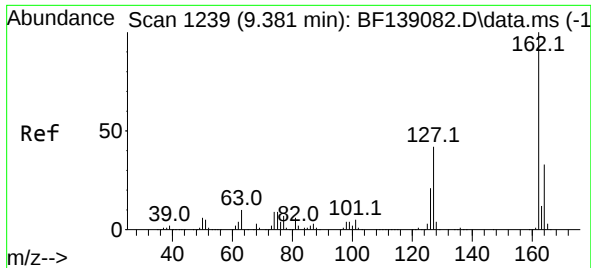
Delta R.T. -0.000 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

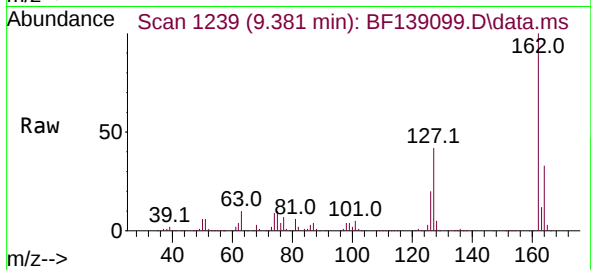
Tgt Ion:154	Resp: 627387
Ion Ratio	Lower Upper
154 100	
153 40.2	20.6 60.6
76 13.2	0.0 33.6





#47
2-Chloronaphthalene
Concen: 48.207 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

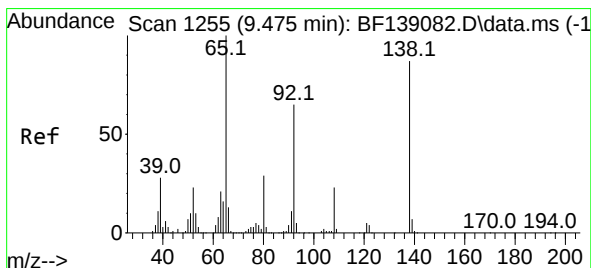
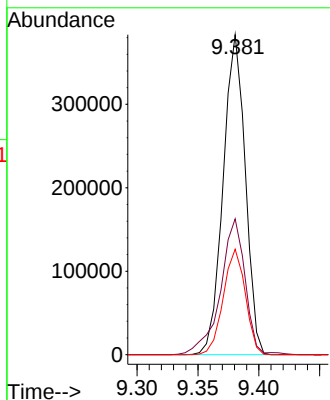
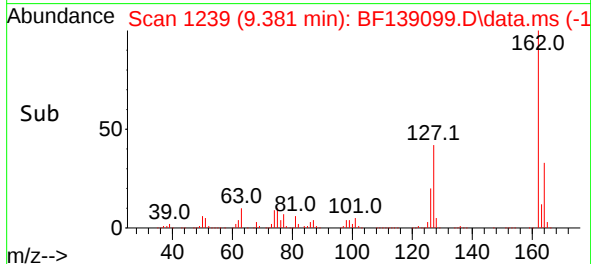
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:162 Resp: 48480
Ion Ratio Lower Upper
162 100
127 42.5 33.8 50.6
164 33.0 26.3 39.5

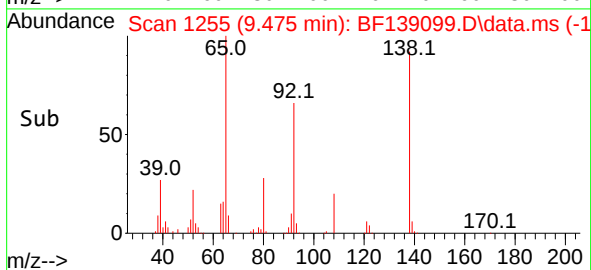
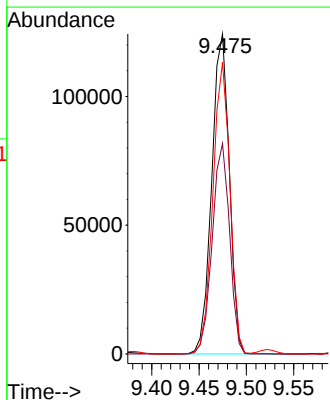
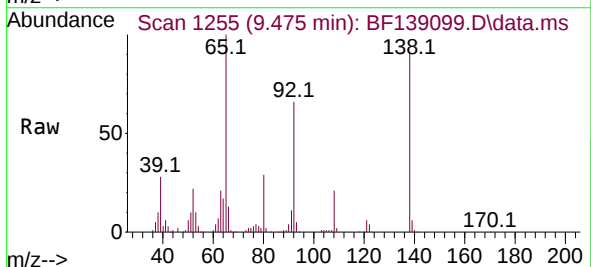
Manual Integrations
APPROVED

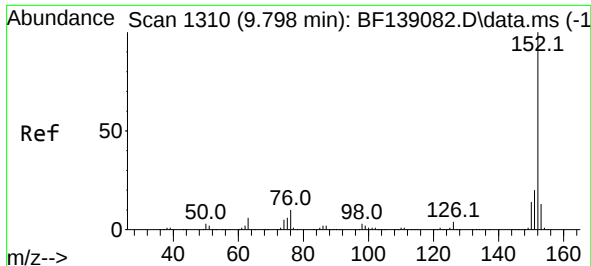
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#48
2-Nitroaniline
Concen: 54.622 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

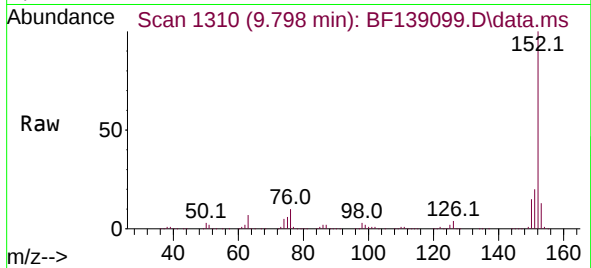
Tgt Ion: 65 Resp: 159989
Ion Ratio Lower Upper
65 100
92 65.7 52.4 78.6
138 91.1 69.4 104.0





#49
Acenaphthylene
Concen: 53.043 ng
RT: 9.798 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

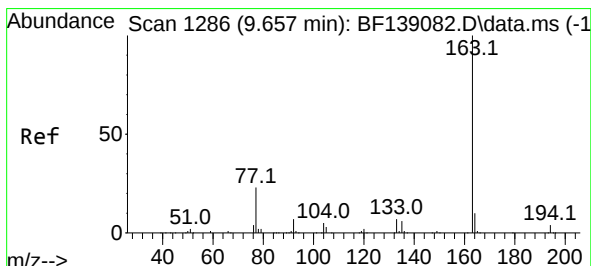
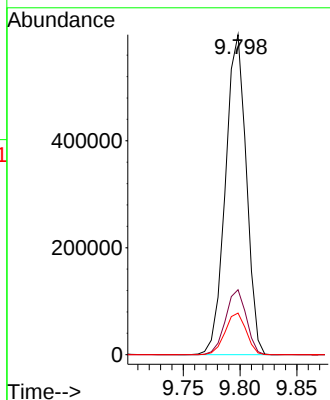
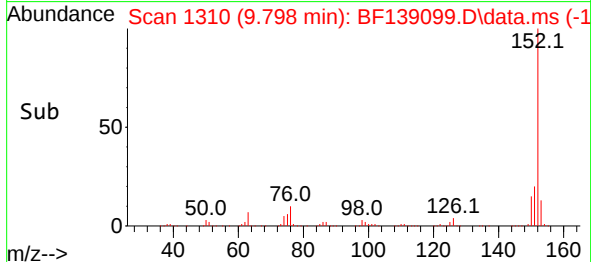
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



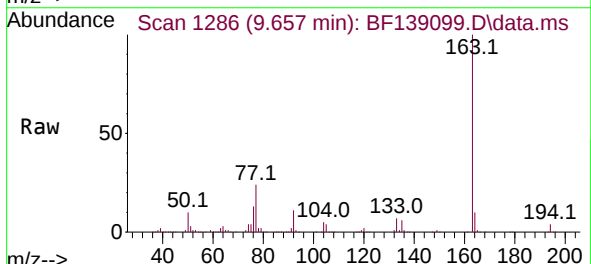
Tgt Ion:152 Resp: 764149
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
APPROVED

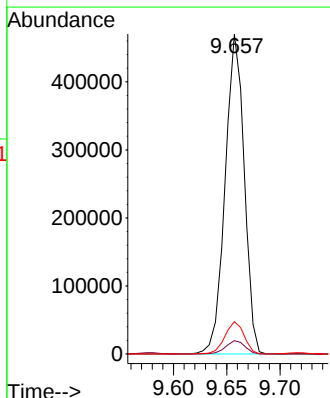
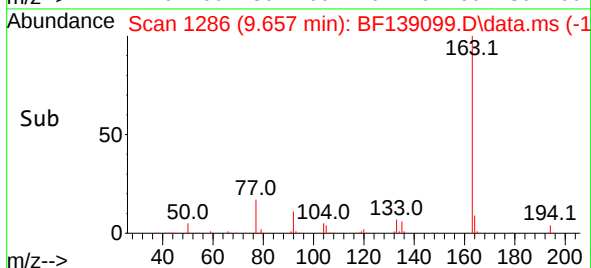
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

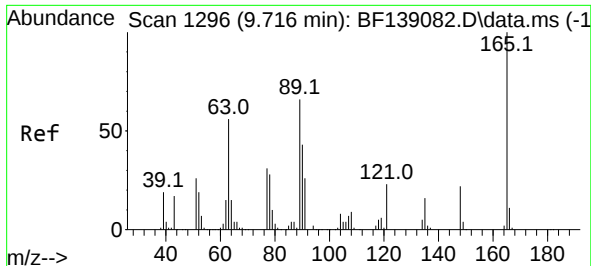


#50
Dimethylphthalate
Concen: 52.538 ng
RT: 9.657 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



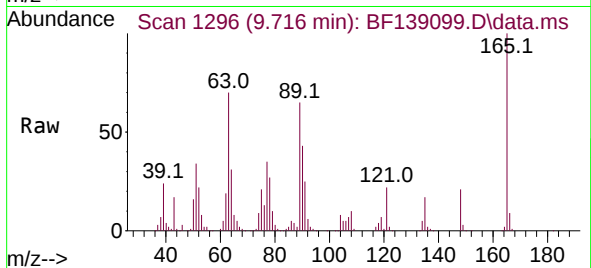
Tgt Ion:163 Resp: 586037
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.062 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

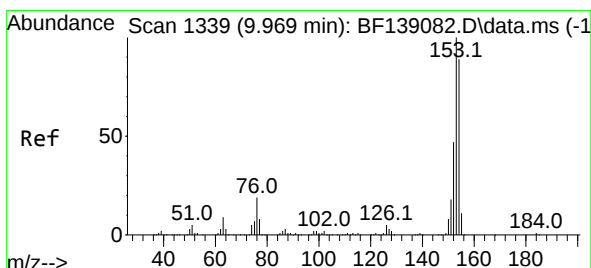
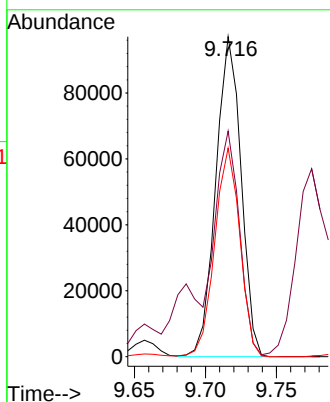
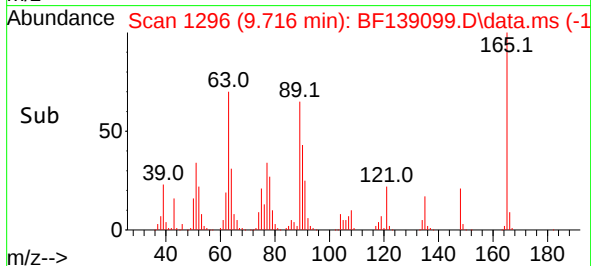
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:165 Resp: 119890
Ion Ratio Lower Upper
165 100
63 70.5 58.0 87.0
89 65.2 53.3 79.9

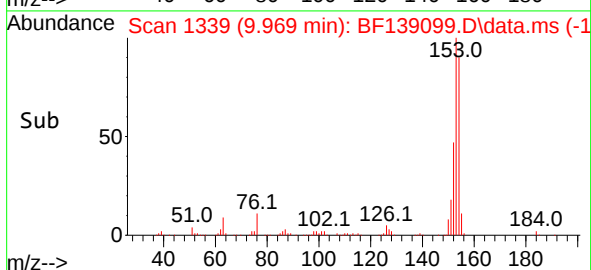
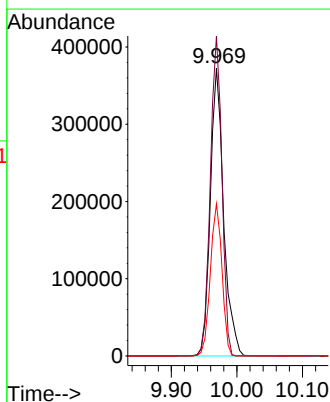
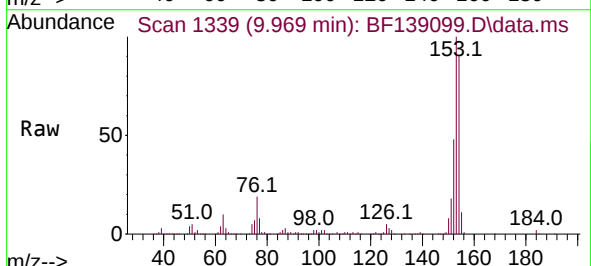
Manual Integrations
APPROVED

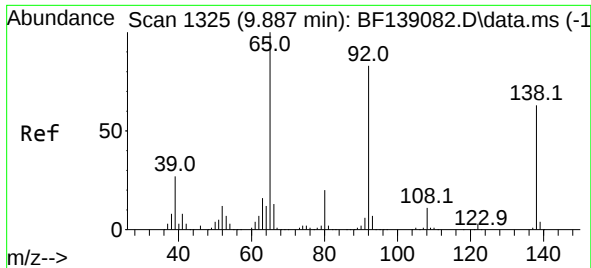
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#52
Acenaphthene
Concen: 55.238 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion:154 Resp: 525661
Ion Ratio Lower Upper
154 100
153 111.1 89.7 134.5
152 52.9 42.3 63.5





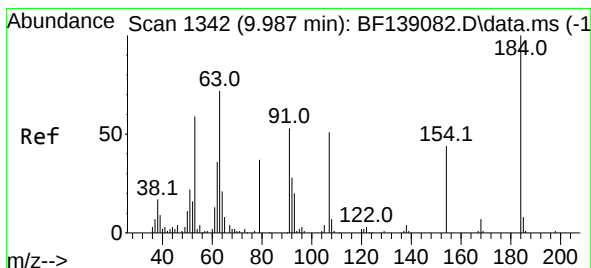
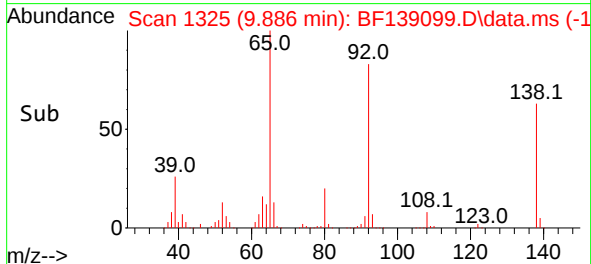
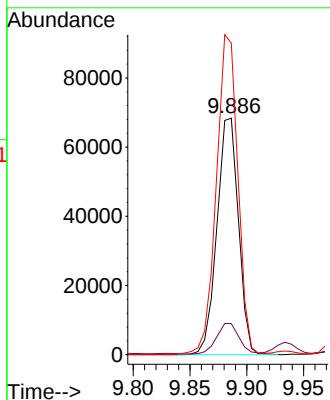
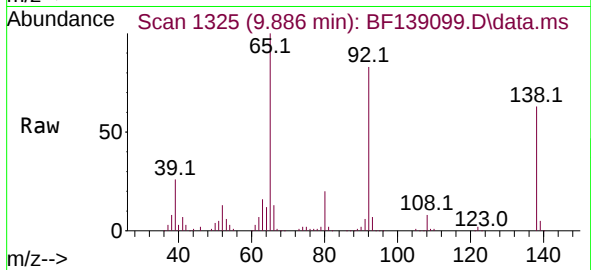
#53
3-Nitroaniline
Concen: 40.571 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS

Tgt Ion:138 Resp: 90245
Ion Ratio Lower Upper
138 100
108 13.1 14.6 21.8
92 131.7 105.9 158.9

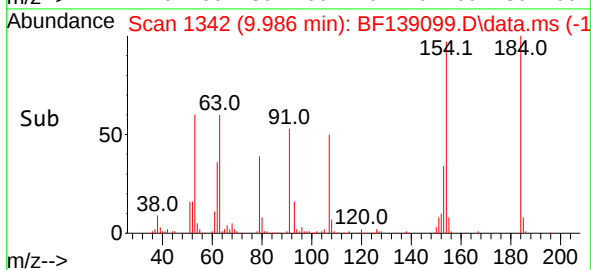
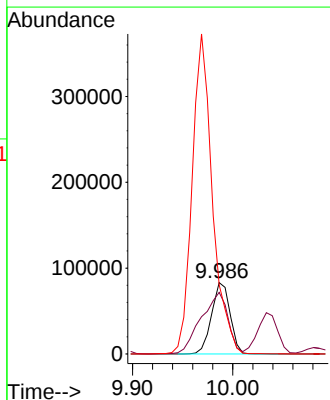
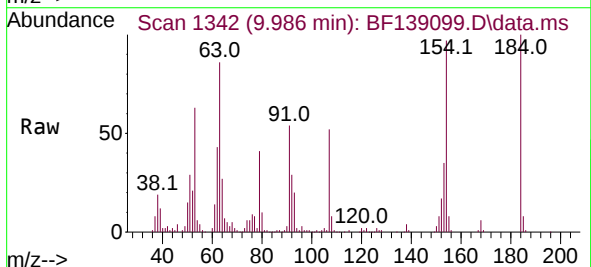
Manual Integrations
APPROVED

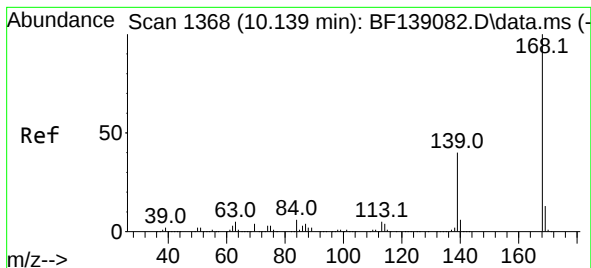
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#54
2,4-Dinitrophenol
Concen: 96.571 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

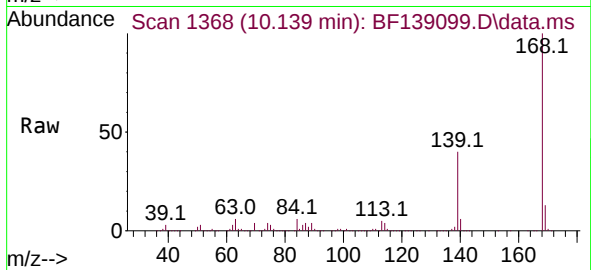
Tgt Ion:184 Resp: 106191
Ion Ratio Lower Upper
184 100
63 86.2 70.5 105.7
154 96.9 135.0 202.6





#55
Dibenzofuran
Concen: 51.069 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

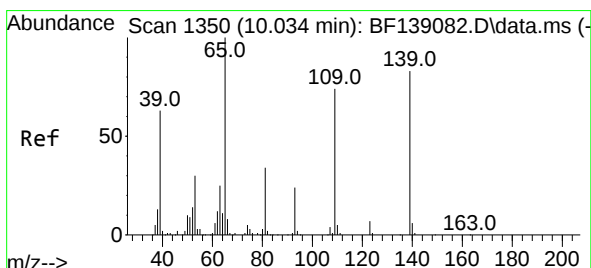
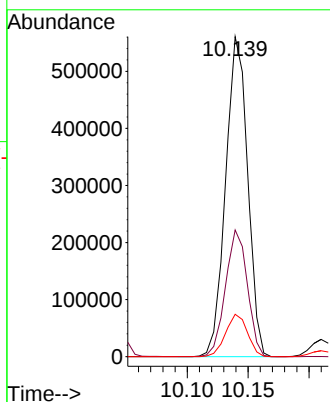
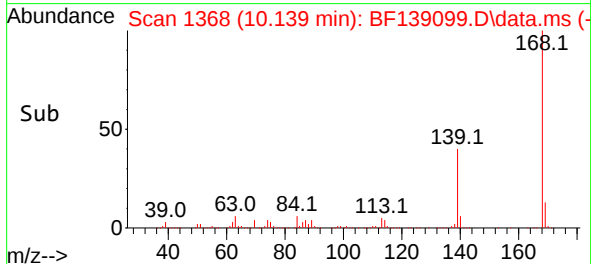
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:168 Resp: 70588
Ion Ratio Lower Upper
168 100
139 39.6 31.6 47.4
169 13.3 10.7 16.1

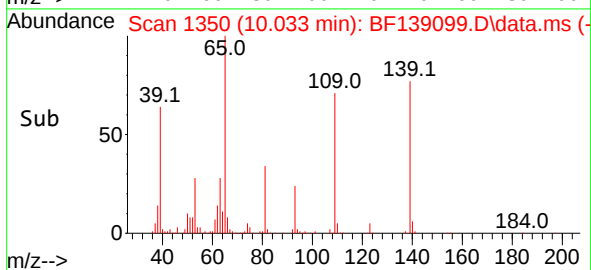
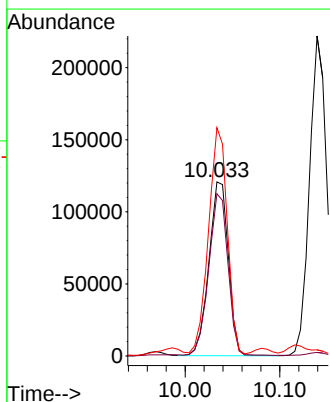
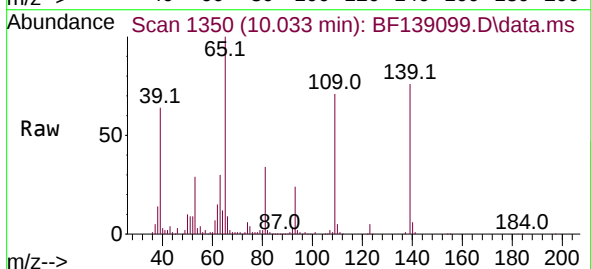
Manual Integrations
APPROVED

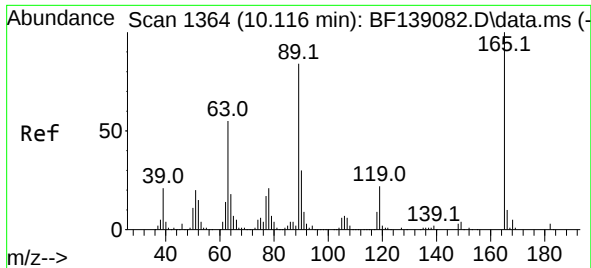
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#56
4-Nitrophenol
Concen: 102.433 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.001 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

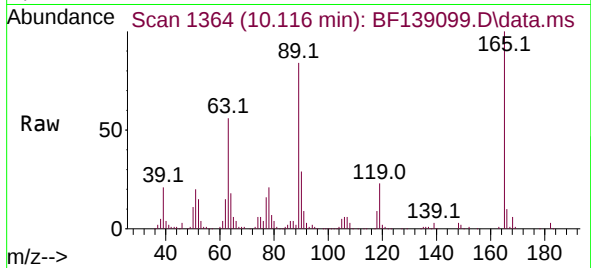
Tgt Ion:139 Resp: 172709
Ion Ratio Lower Upper
139 100
109 93.2 68.8 108.8
65 131.2 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 54.723 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

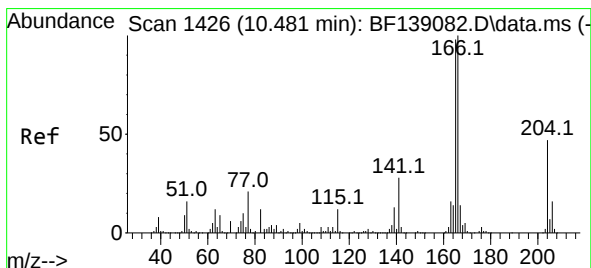
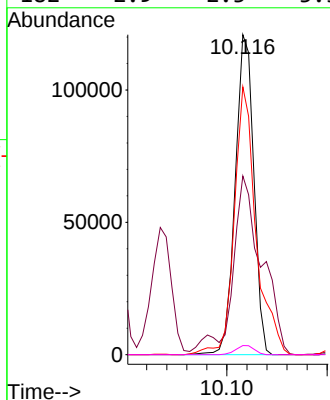
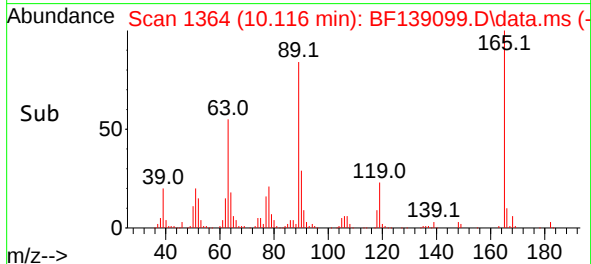
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



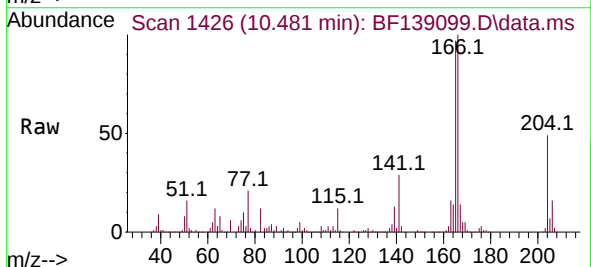
Tgt Ion:165 Resp: 15595
Ion Ratio Lower Upper
165 100
63 55.8 44.2 66.4
89 83.7 67.4 101.2
182 2.9 2.3 3.5

Manual Integrations
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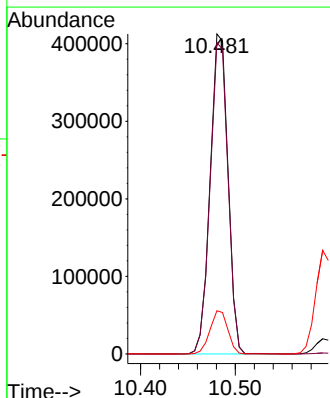
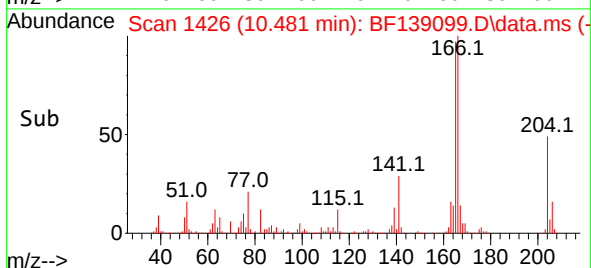
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

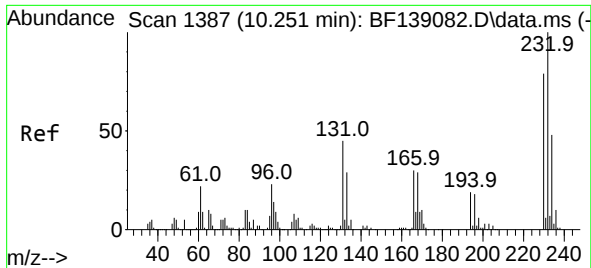


#58
Fluorene
Concen: 48.749 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



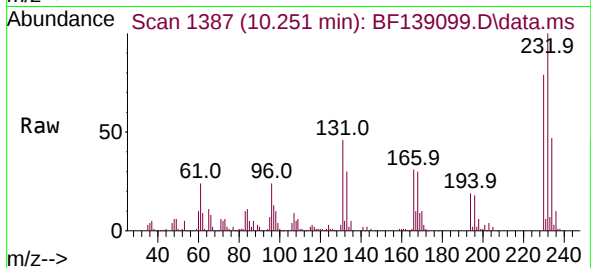
Tgt Ion:166 Resp: 538492
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.573 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

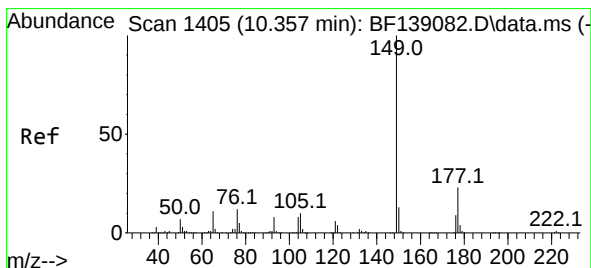
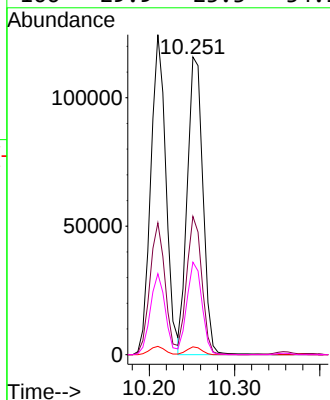
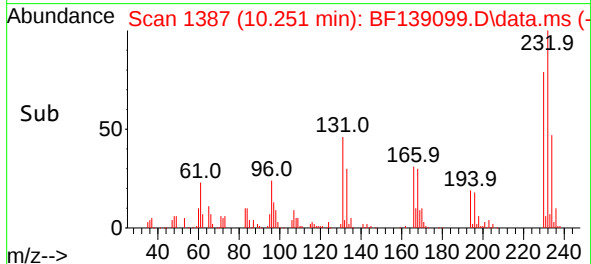
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:232 Resp: 147381
Ion Ratio Lower Upper
232 100
131 44.6 36.0 54.0
130 2.5 2.0 3.0
166 29.9 23.3 34.9

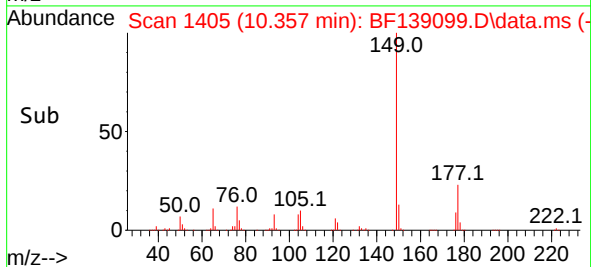
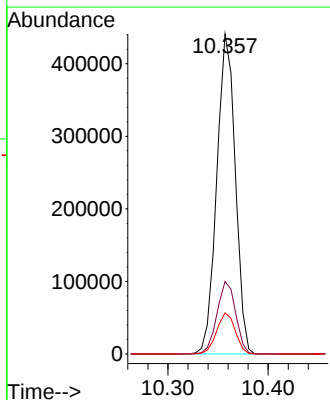
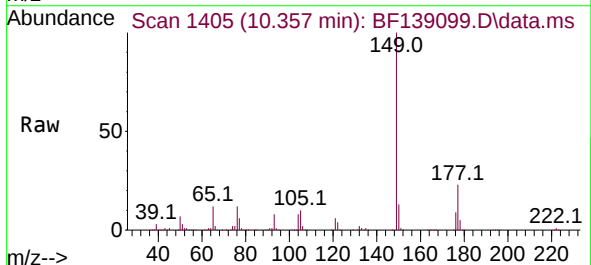
Manual Integrations
APPROVED

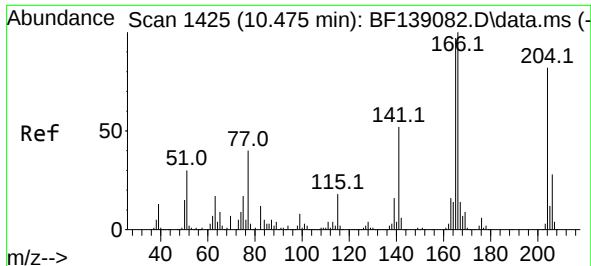
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 51.154 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

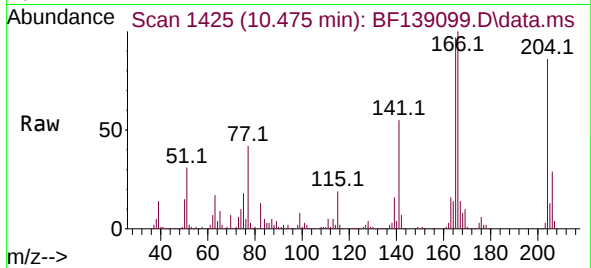
Tgt Ion:149 Resp: 565365
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.645 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

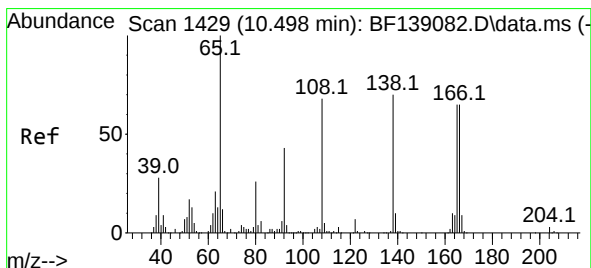
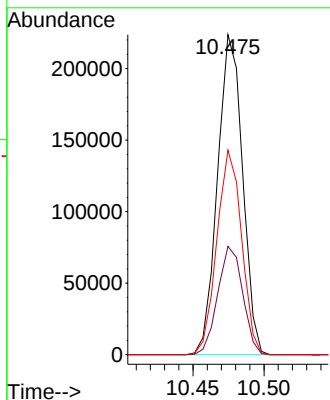
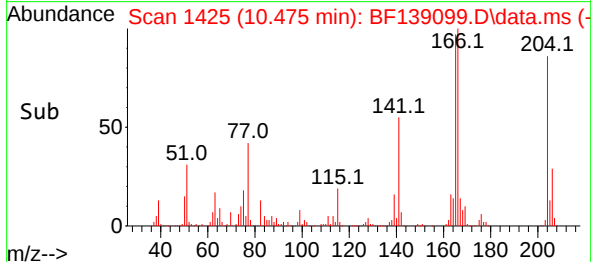
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:204 Resp: 273880
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 63.9 50.9 76.3

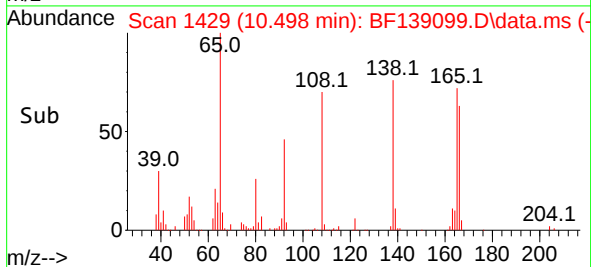
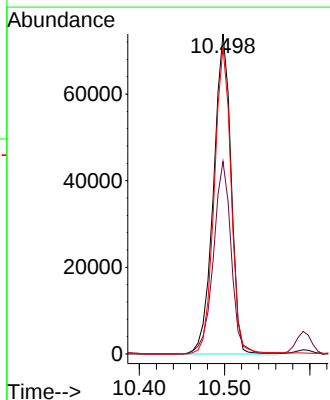
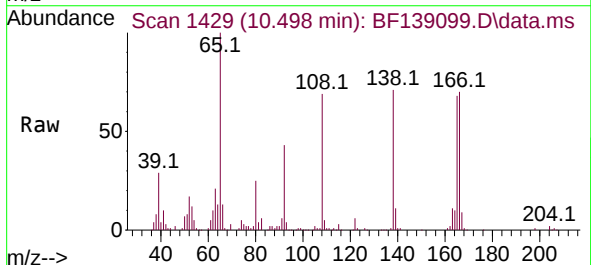
Manual Integrations
APPROVED

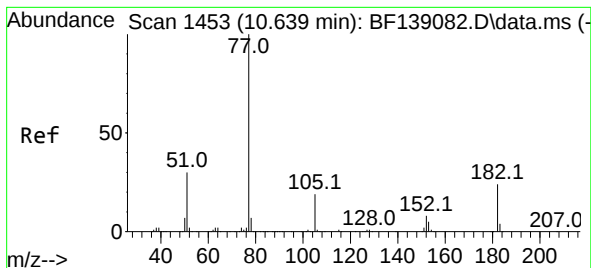
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 46.111 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

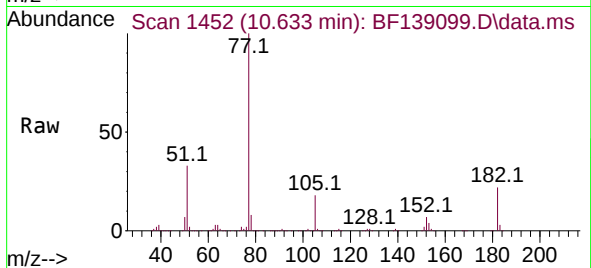
Tgt Ion:138 Resp: 105208
Ion Ratio Lower Upper
138 100
92 60.1 41.4 81.4
108 95.9 76.8 116.8





#63
Azobenzene
Concen: 50.094 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

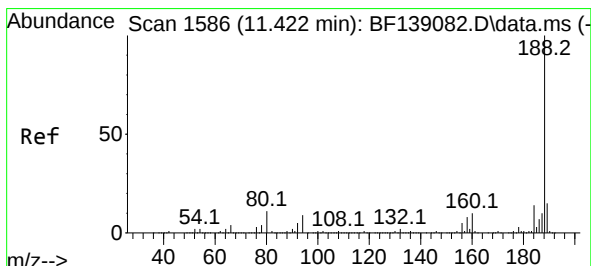
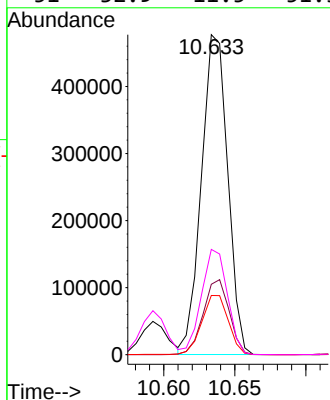
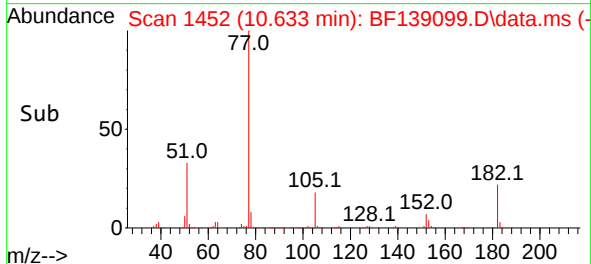
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion: 77 Resp: 615257
Ion Ratio Lower Upper
77 100
182 22.0 4.0 44.0
105 18.5 0.0 39.1
51 32.9 11.5 51.5

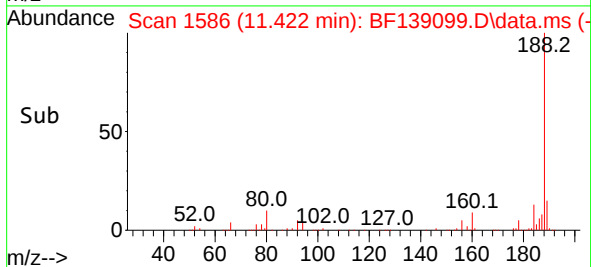
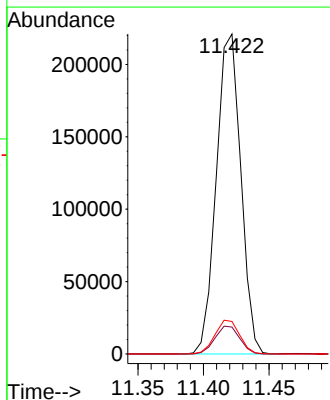
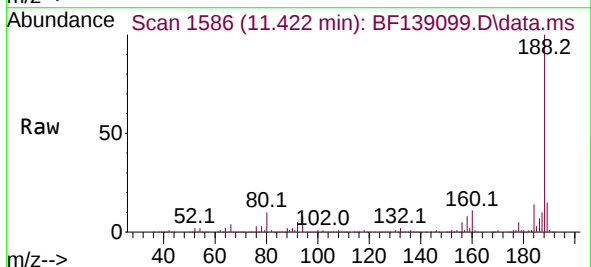
Manual Integrations
APPROVED

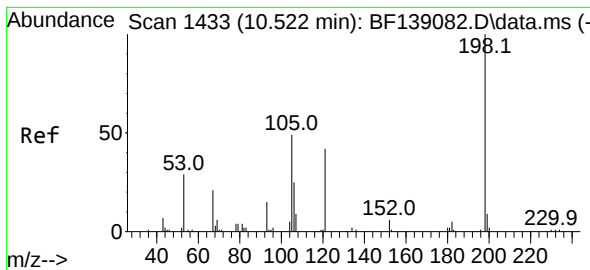
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion:188 Resp: 287257
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 10.1 8.5 12.7





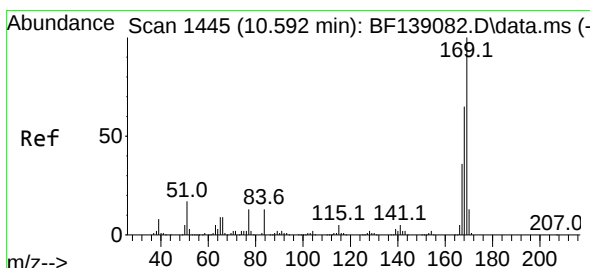
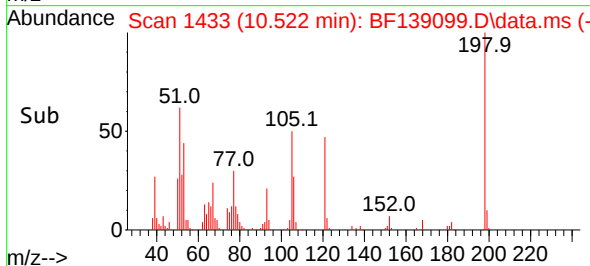
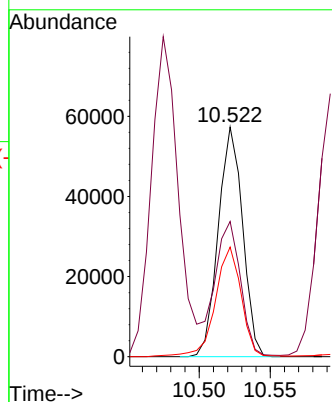
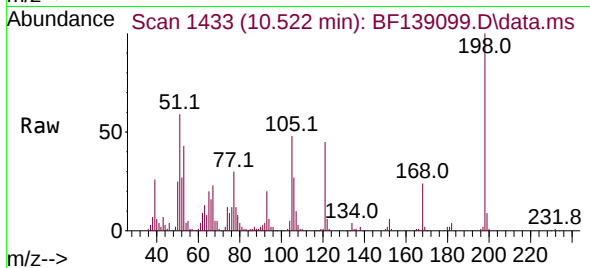
#65
4,6-Dinitro-2-methylphenol
Concen: 60.540 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS

Tgt Ion:198 Resp: 68275
Ion Ratio Lower Upper
198 100
51 58.9 40.8 80.8
105 47.7 30.9 70.9

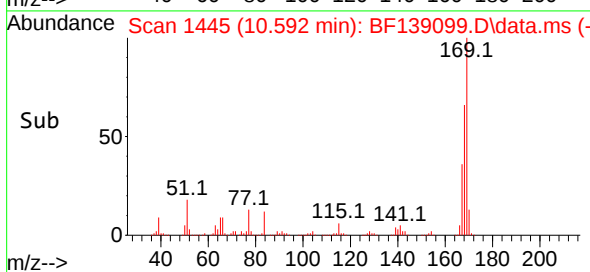
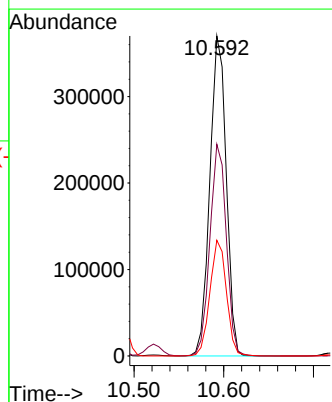
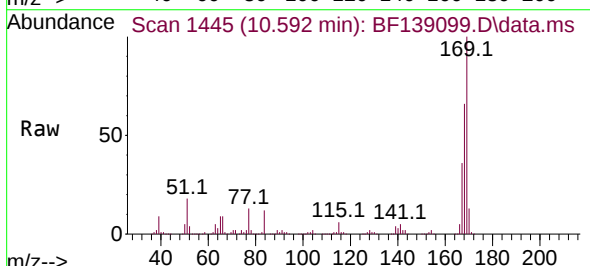
Manual Integrations
APPROVED

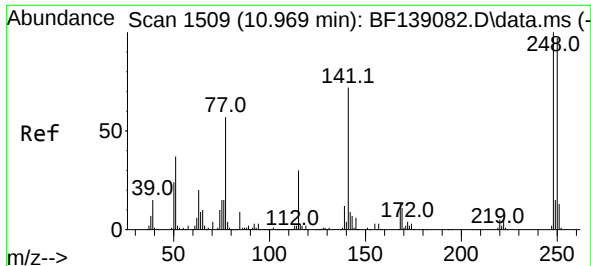
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 55.241 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

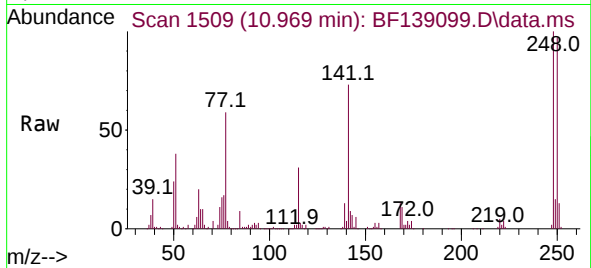
Tgt Ion:169 Resp: 469528
Ion Ratio Lower Upper
169 100
168 66.2 52.4 78.6
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 54.425 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

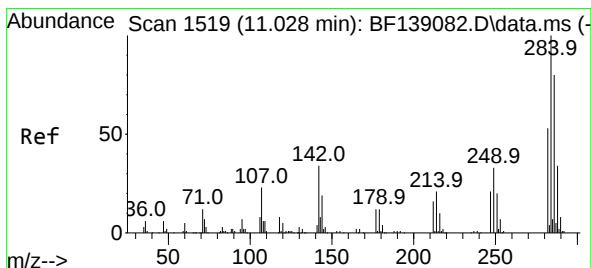
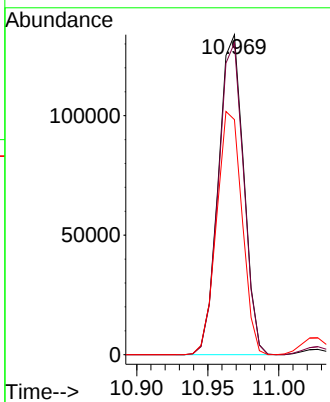
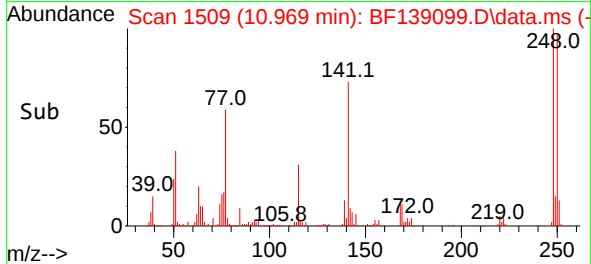
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:248 Resp: 165662
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 73.5 57.9 86.9

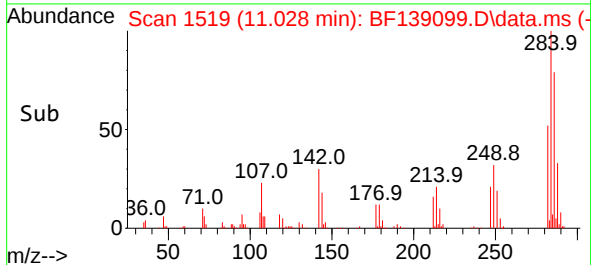
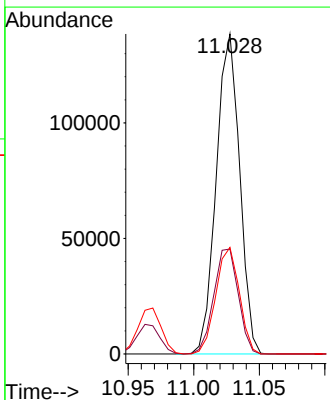
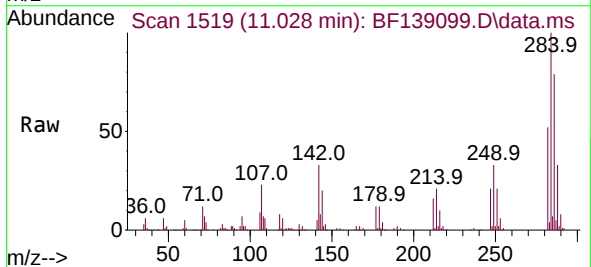
Manual Integrations
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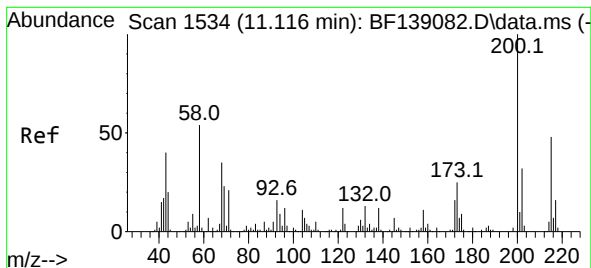
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#68
Hexachlorobenzene
Concen: 52.616 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion:284 Resp: 171820
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 33.3 26.8 40.2





#69

Atrazine

Concen: 58.258 ng

RT: 11.122 min Scan# 15123

Delta R.T. 0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS

Tgt Ion:200 Resp: 15123

Ion Ratio Lower Upper

200 100

173 24.5 5.2 45.2

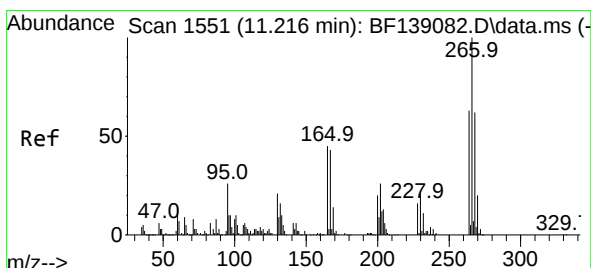
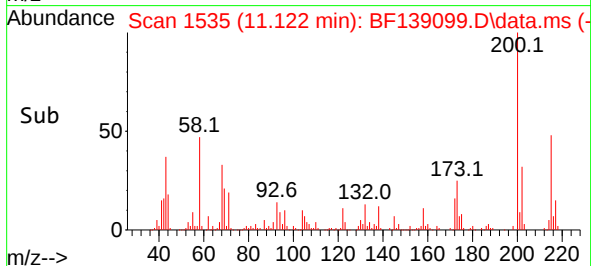
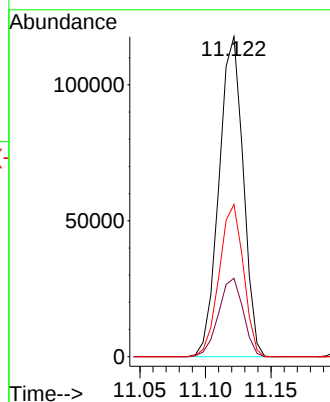
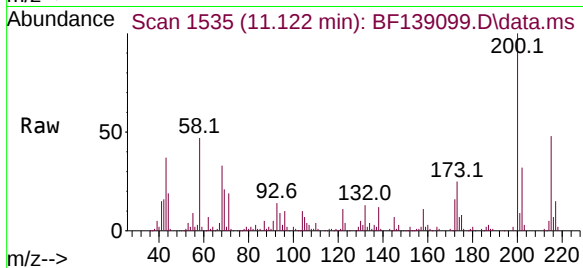
215 47.5 27.9 67.9

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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 96.441 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

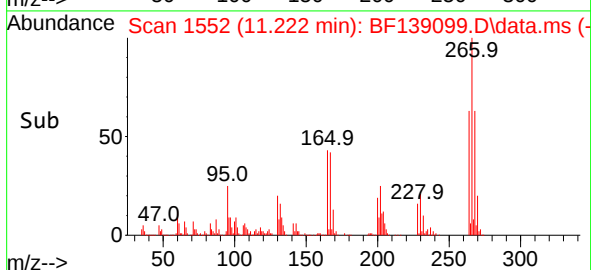
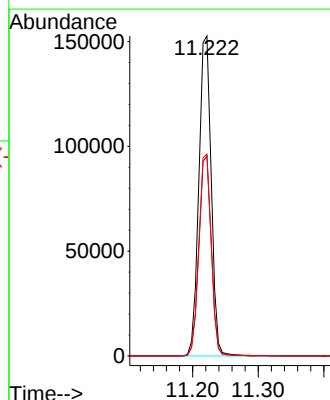
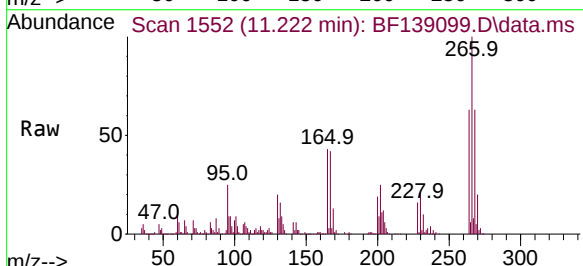
Tgt Ion:266 Resp: 201173

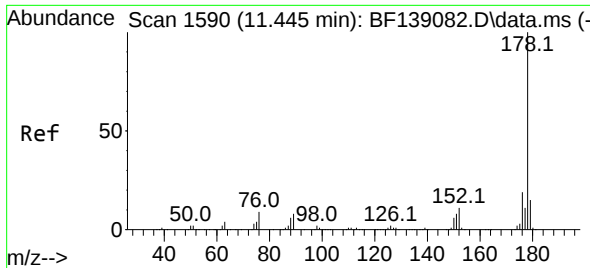
Ion Ratio Lower Upper

266 100

268 62.5 49.5 74.3

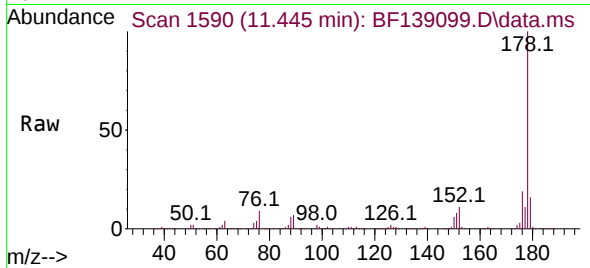
264 63.0 50.0 75.0





#71
Phenanthrene
Concen: 51.977 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

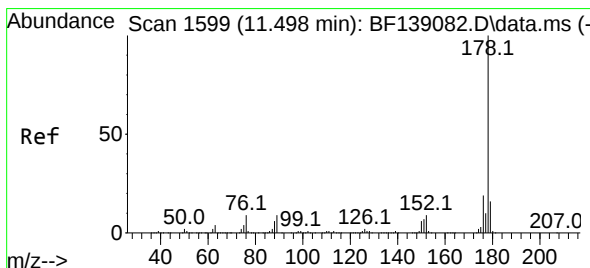
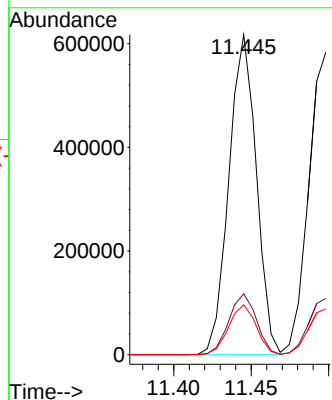
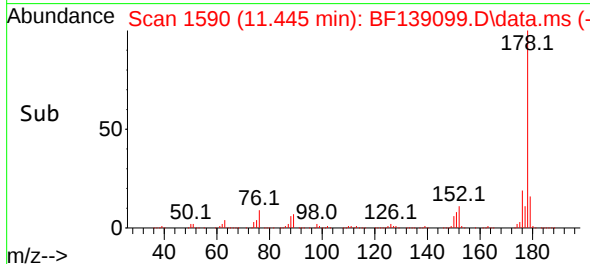
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



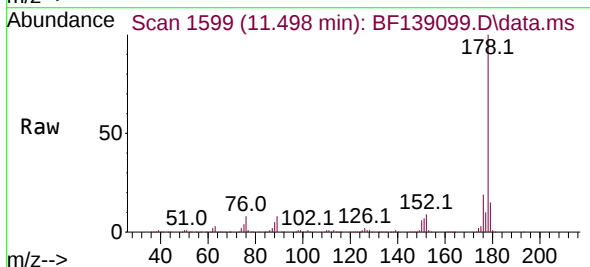
Tgt Ion:178 Resp: 758900
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.3 18.5

Manual Integrations
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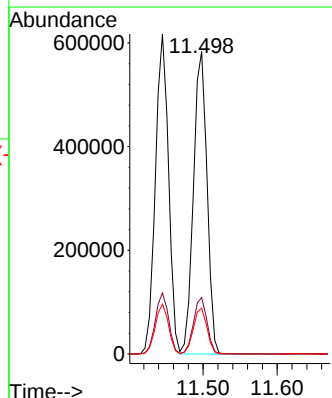
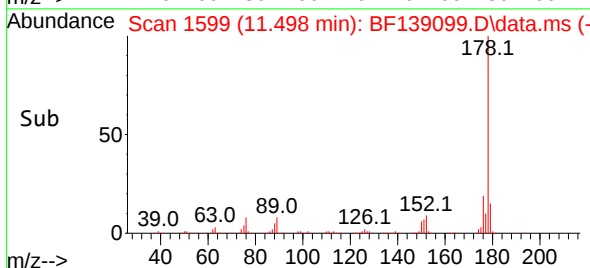
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

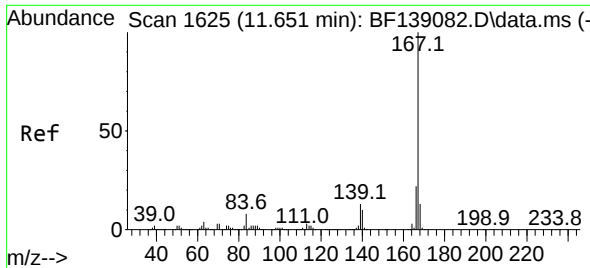


#72
Anthracene
Concen: 51.849 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51



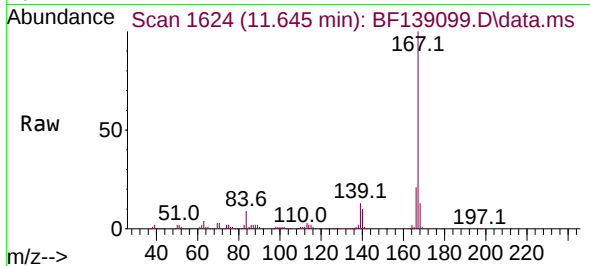
Tgt Ion:178 Resp: 740356
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 43.243 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. -0.006 min
 Lab File: BF139099.D
 Acq: 21 Aug 2024 13:51

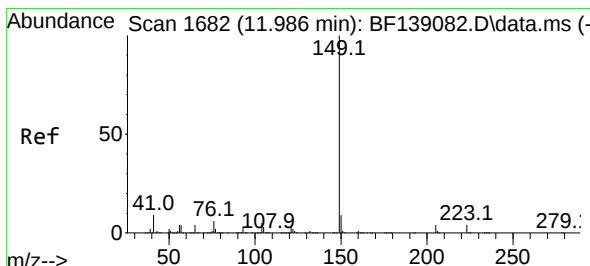
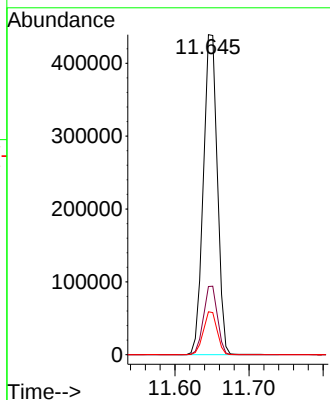
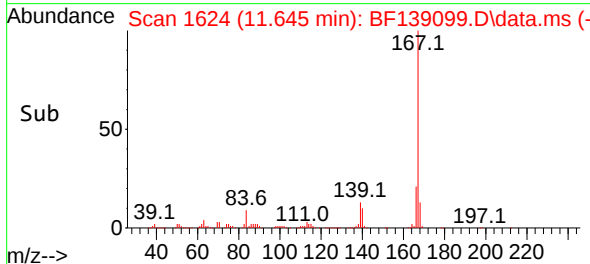
Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MS



Tgt Ion:167 Resp: 57658
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 13.4 10.5 15.7

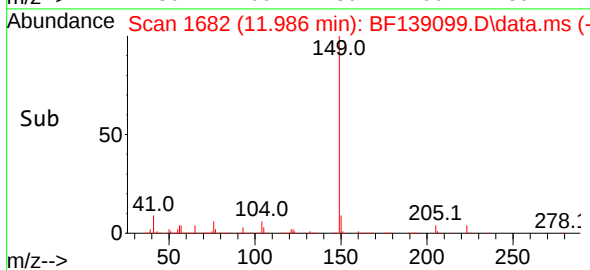
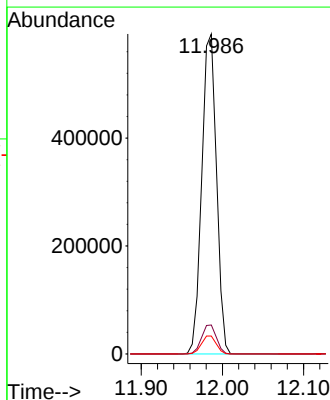
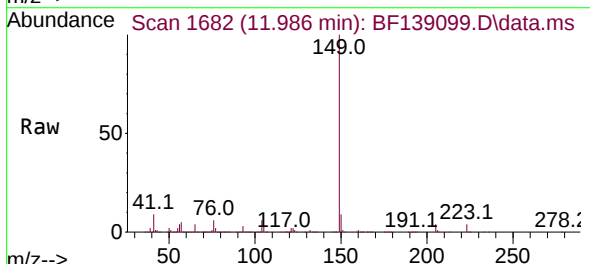
Manual Integrations
 APPROVED

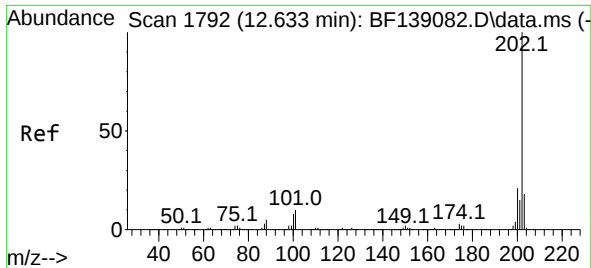
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024



#74
 Di-n-butylphthalate
 Concen: 48.253 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139099.D
 Acq: 21 Aug 2024 13:51

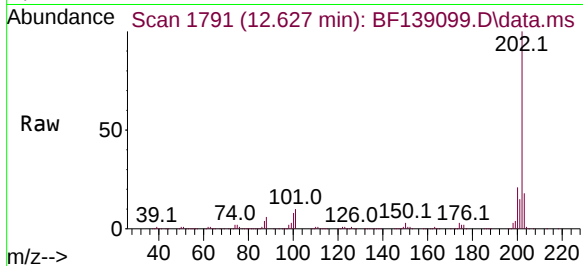
Tgt Ion:149 Resp: 746021
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 41.382 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

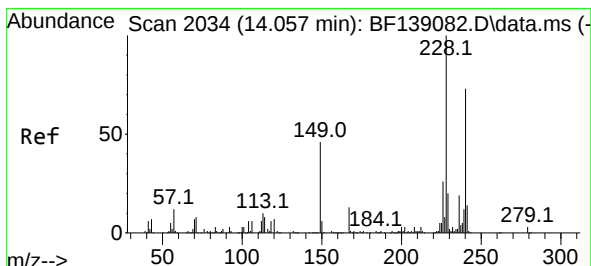
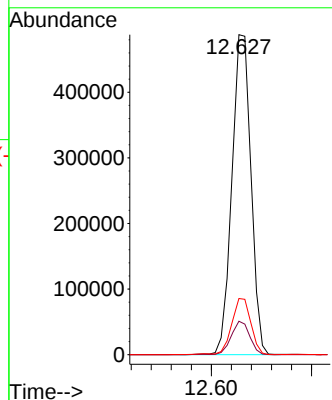
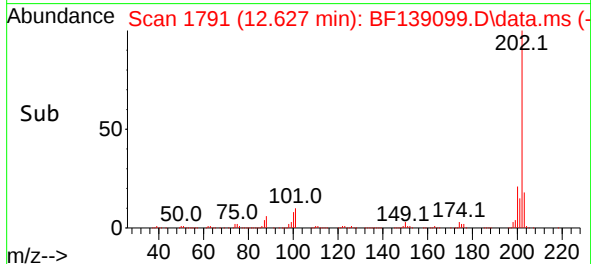
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:202 Resp: 644889
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.5 0.0 37.6

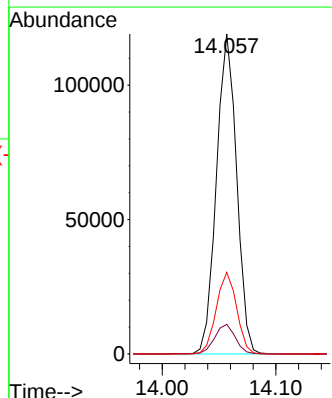
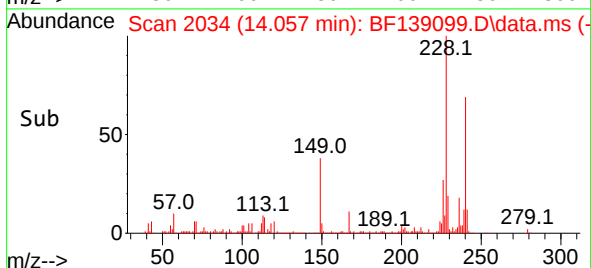
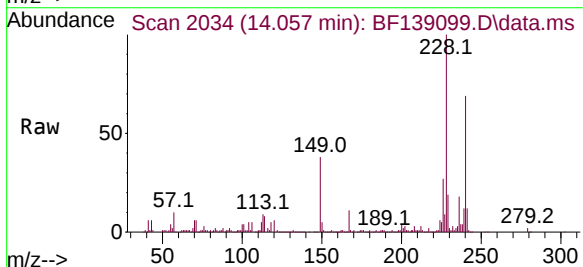
Manual Integrations
APPROVED

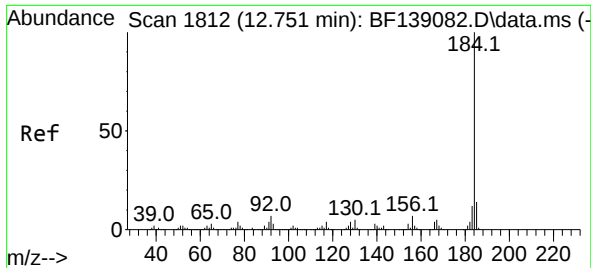
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

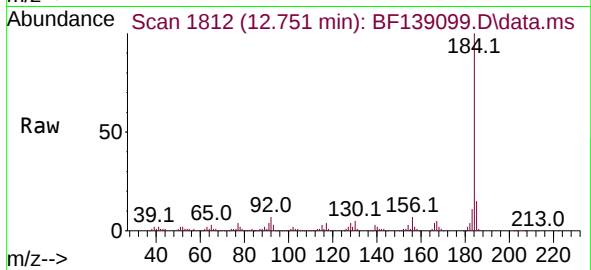
Tgt Ion:240 Resp: 147068
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.5 20.9 31.3





#77
Benzidine
Concen: 60.466 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

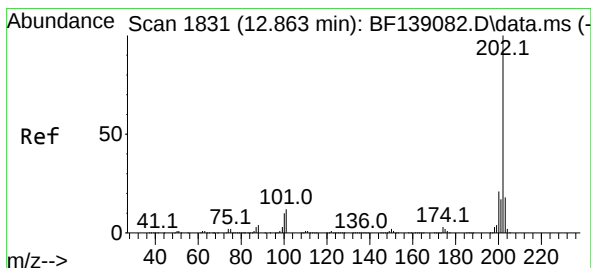
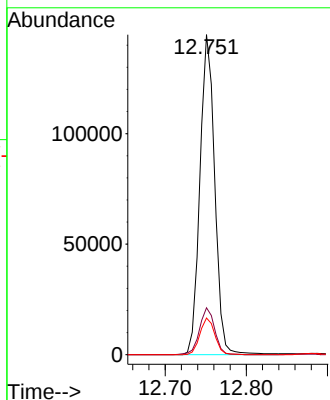
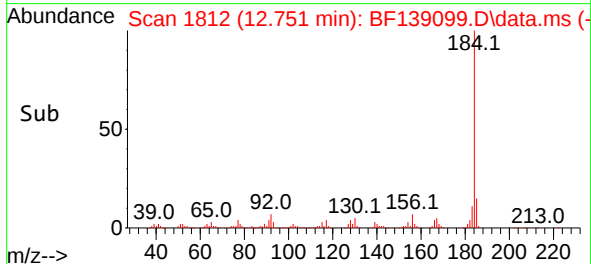
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:184 Resp: 183689
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 11.5 9.8 14.6

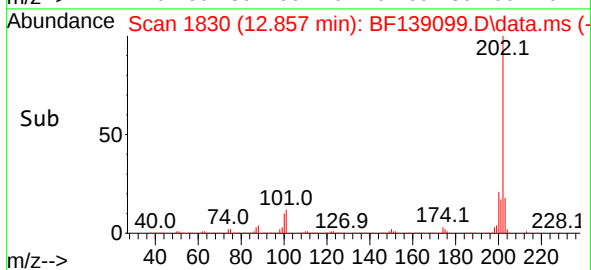
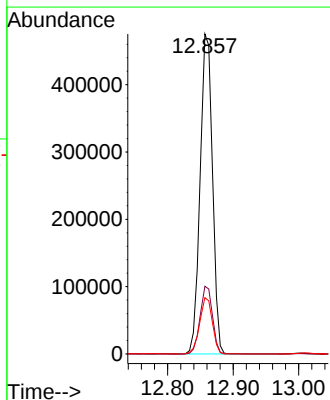
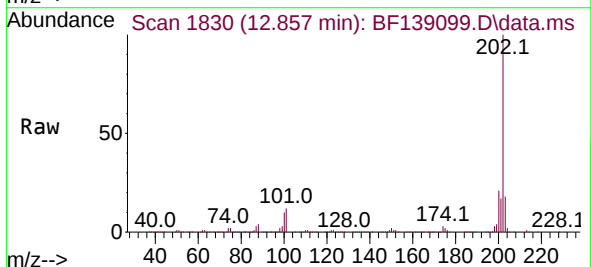
Manual Integrations
APPROVED

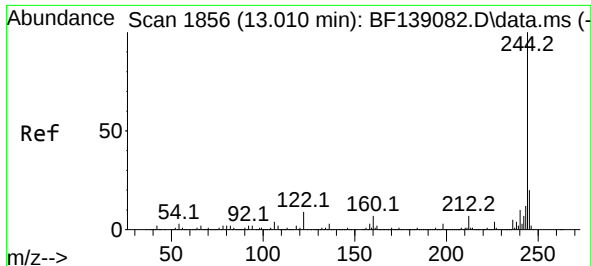
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#78
Pyrene
Concen: 51.002 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

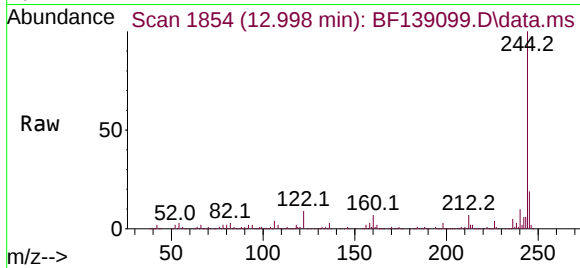
Tgt Ion:202 Resp: 625957
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.6 14.1 21.1





#79
Terphenyl-d14
Concen: 34.645 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

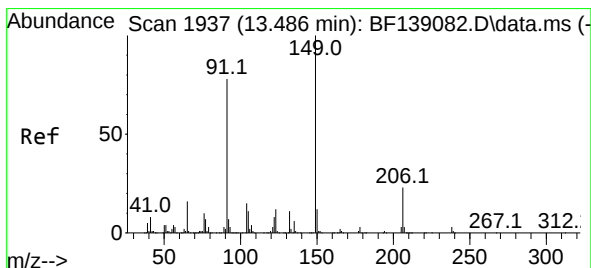
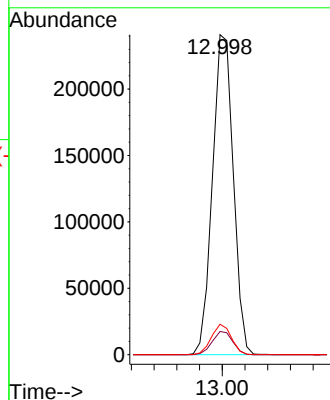
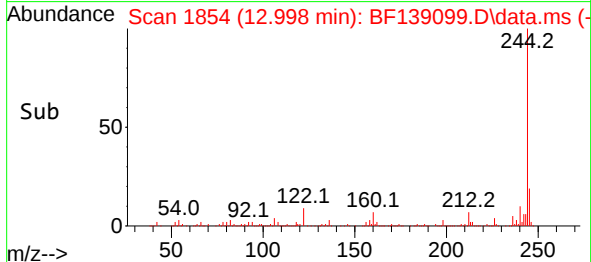
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:244 Resp: 307068
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.5 7.6 11.4

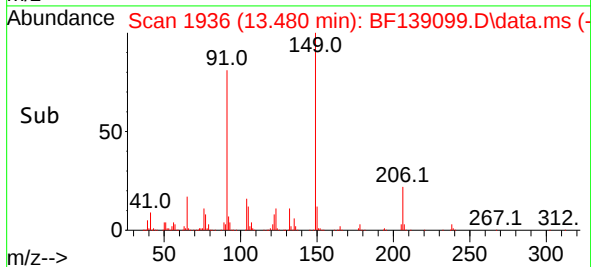
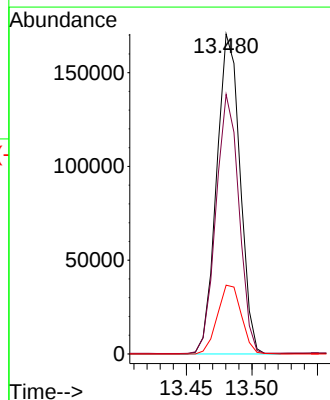
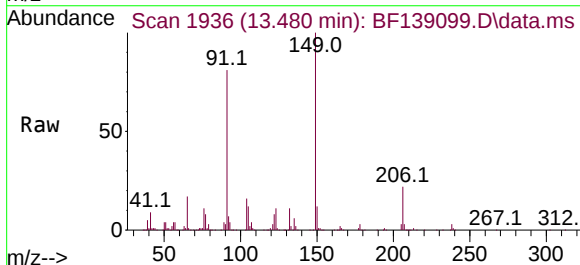
Manual Integrations
APPROVED

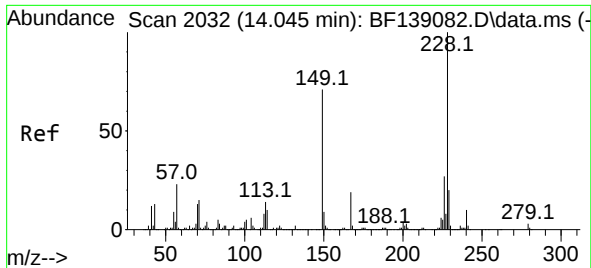
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#80
Butylbenzylphthalate
Concen: 49.822 ng
RT: 13.480 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

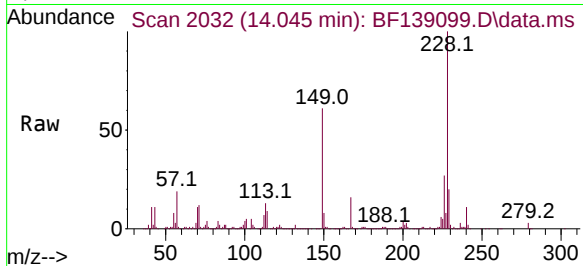
Tgt Ion:149 Resp: 211543
Ion Ratio Lower Upper
149 100
91 81.1 62.1 93.1
206 21.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 52.542 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

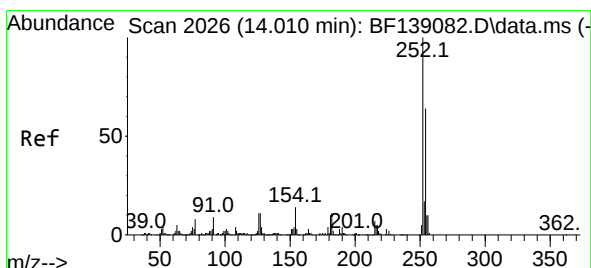
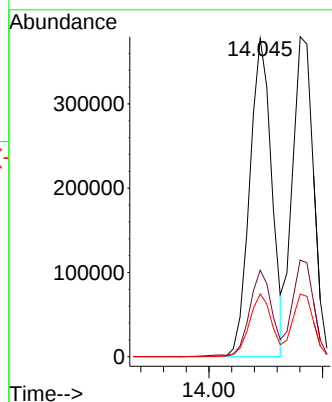
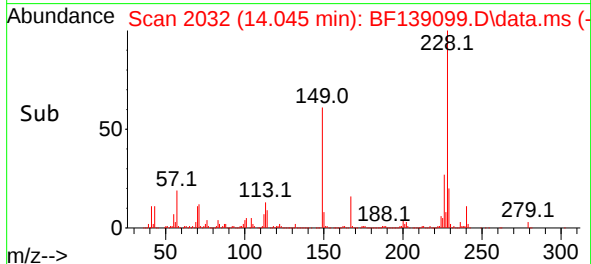
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:228 Resp: 50795
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 16.1 24.1

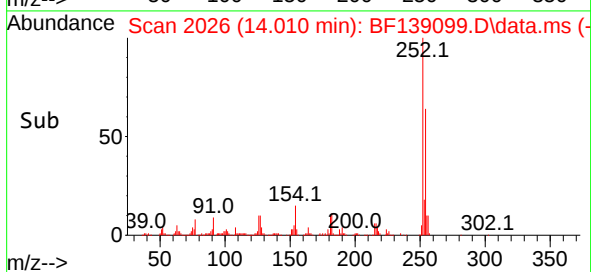
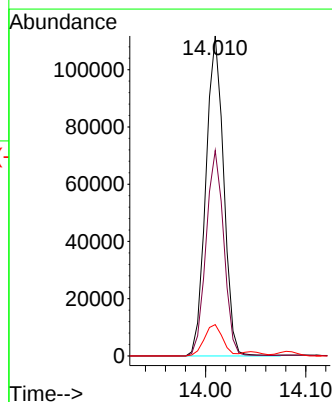
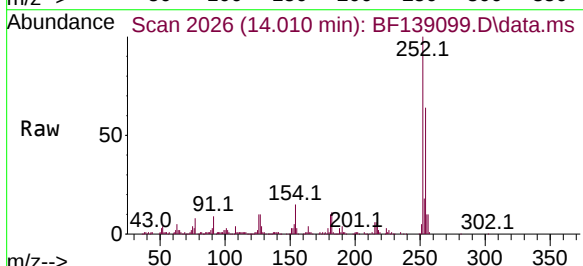
Manual Integrations
APPROVED

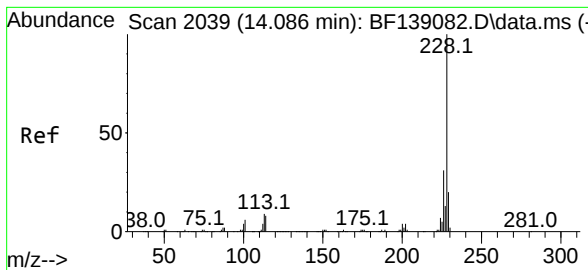
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#82
3,3'-Dichlorobenzidine
Concen: 51.135 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

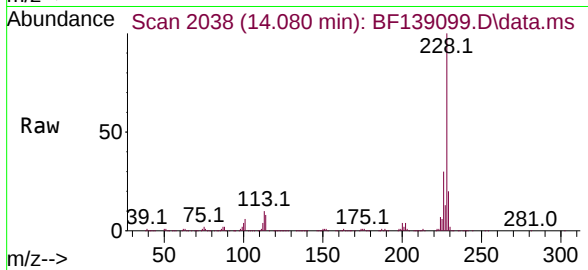
Tgt Ion:252 Resp: 138182
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 9.8 8.6 12.8





#83
Chrysene
Concen: 55.609 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

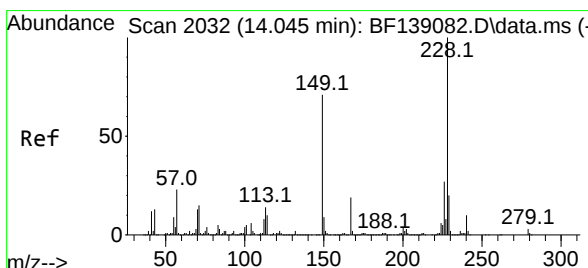
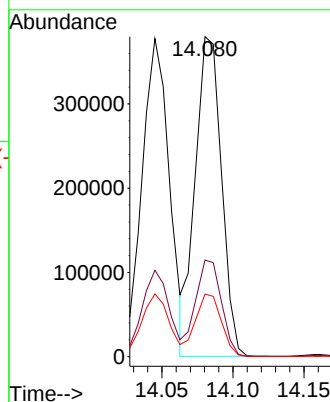
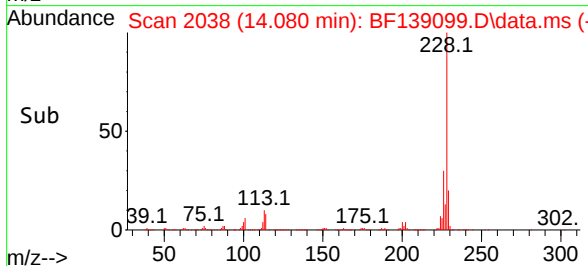
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:228 Resp: 48729
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 19.5 15.8 23.8

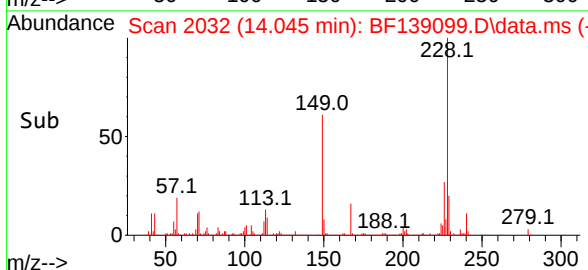
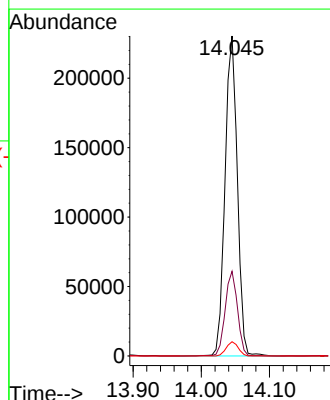
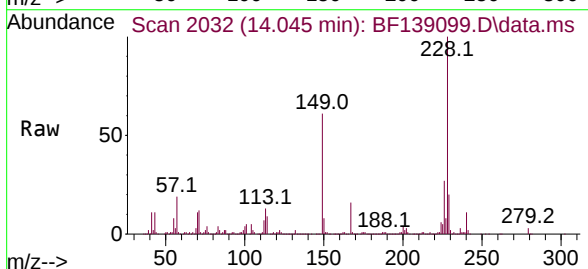
Manual Integrations
APPROVED

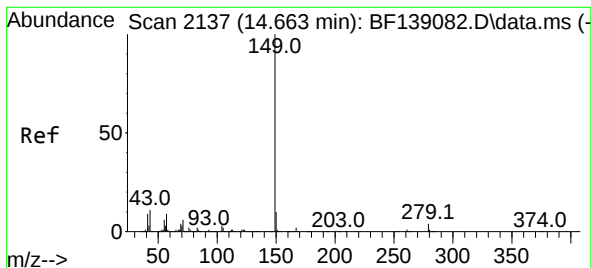
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.416 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

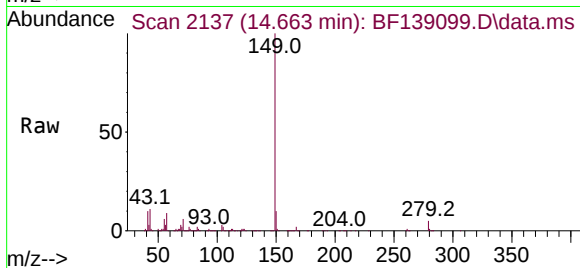
Tgt Ion:149 Resp: 289421
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.6
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 62.367 ng
RT: 14.663 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

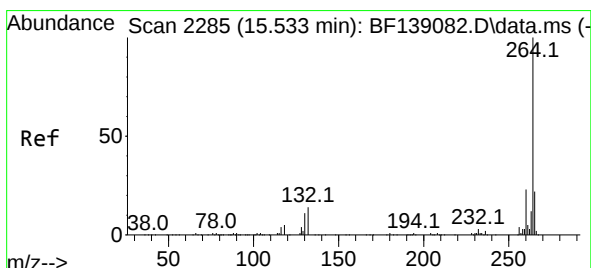
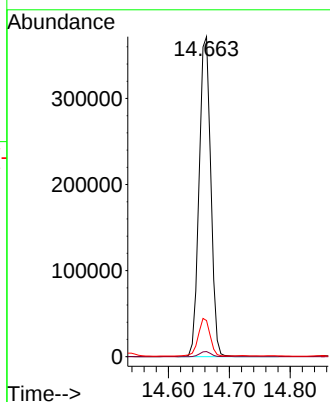
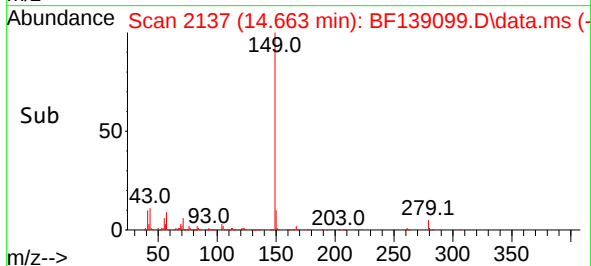
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:149 Resp: 492722
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.6 14.4

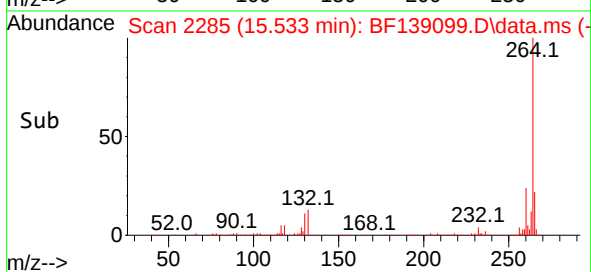
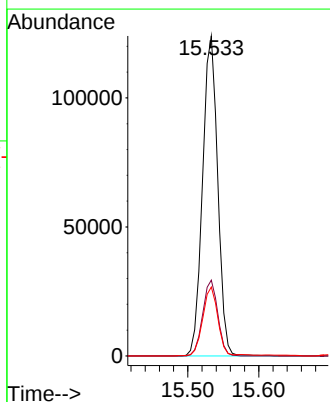
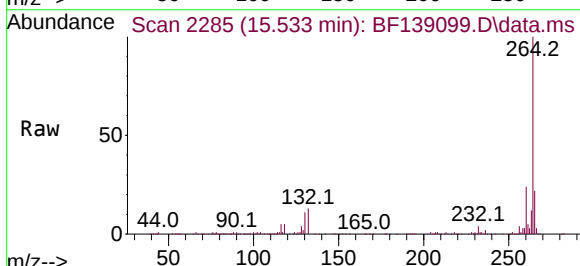
Manual Integrations
APPROVED

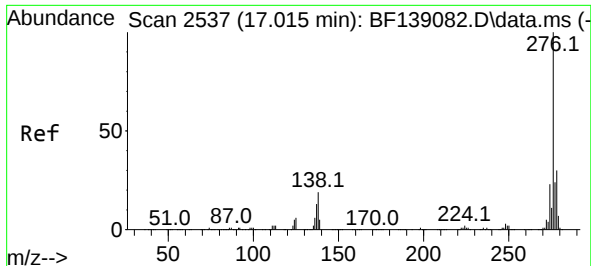
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

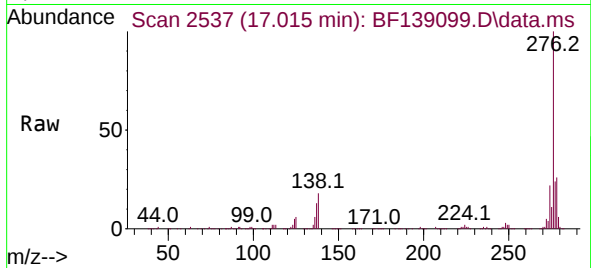
Tgt Ion:264 Resp: 184340
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.086 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

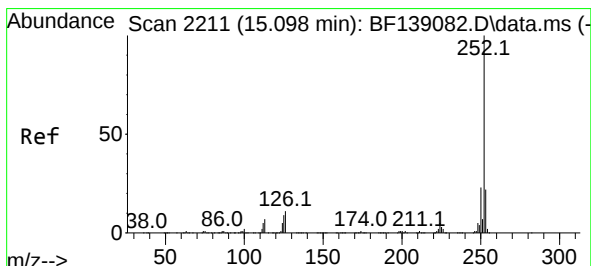
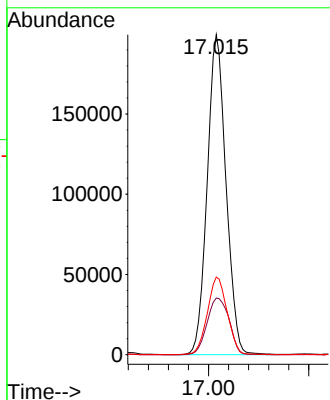
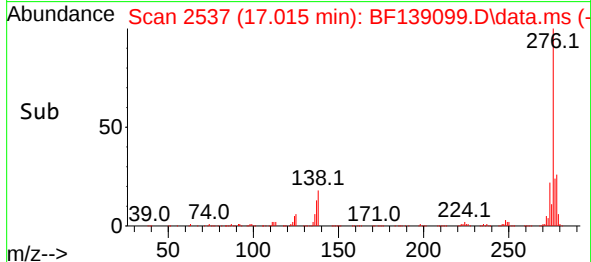
Instrument :
BNA_F
ClientSampleId :
S-906-J-0-0.5-081624MS



Tgt Ion:276 Resp: 518784
Ion Ratio Lower Upper
276 100
138 20.8 17.3 25.9
277 25.6 20.2 30.4

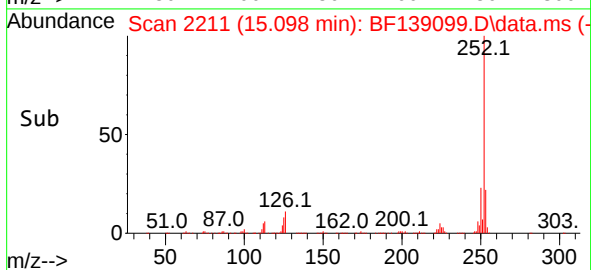
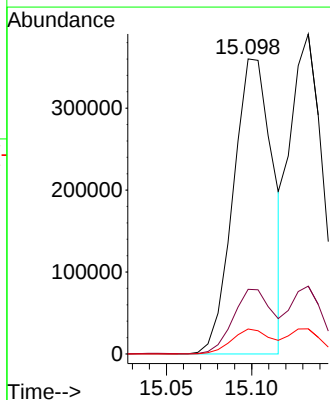
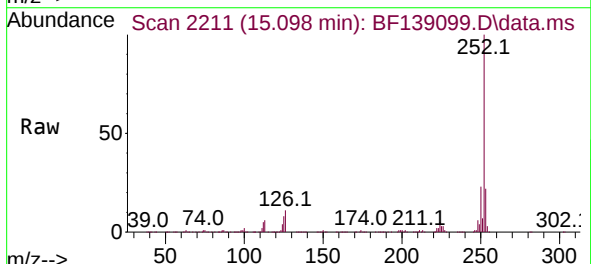
Manual Integrations
APPROVED

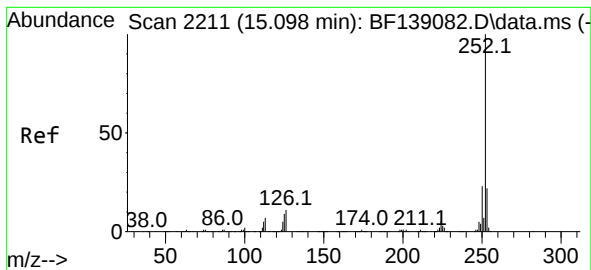
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#88
Benzo(b)fluoranthene
Concen: 48.242 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF139099.D
Acq: 21 Aug 2024 13:51

Tgt Ion:252 Resp: 579764
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 51.313 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS

Tgt Ion:252 Resp: 513609

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

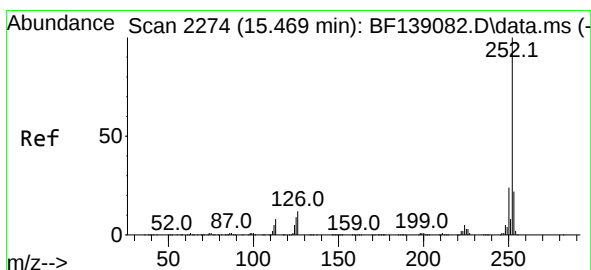
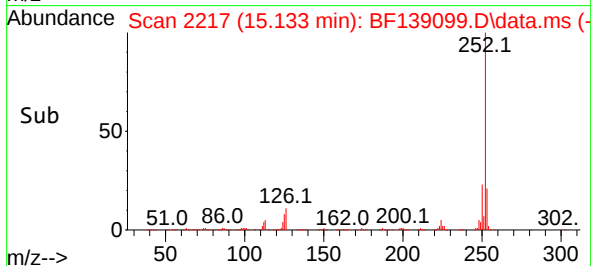
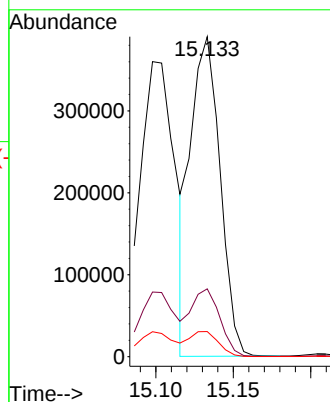
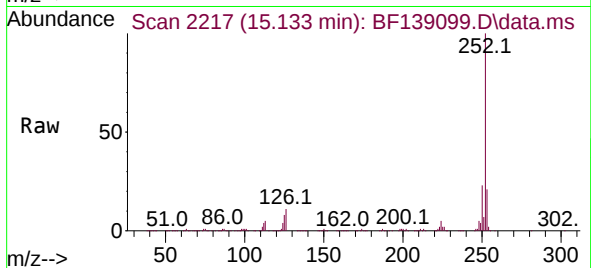
125 7.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#90

Benzo(a)pyrene

Concen: 55.866 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

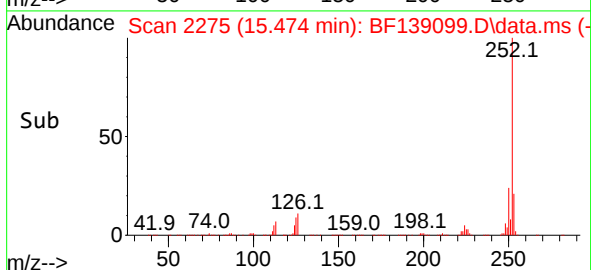
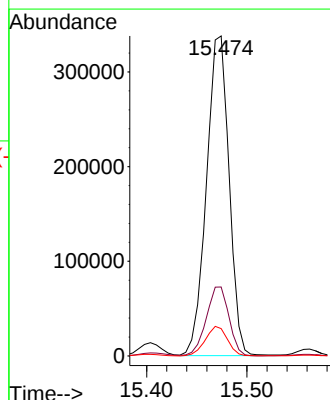
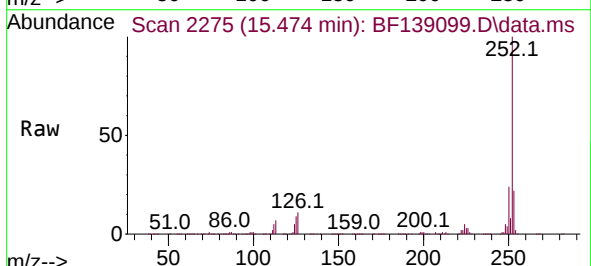
Tgt Ion:252 Resp: 530504

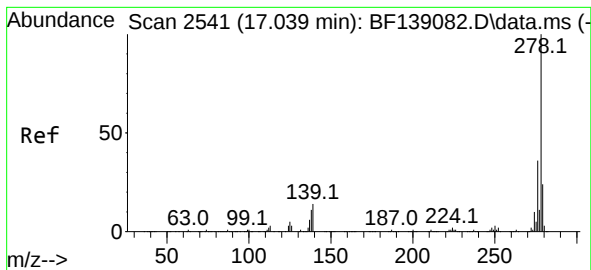
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 8.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 47.532 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139099.D

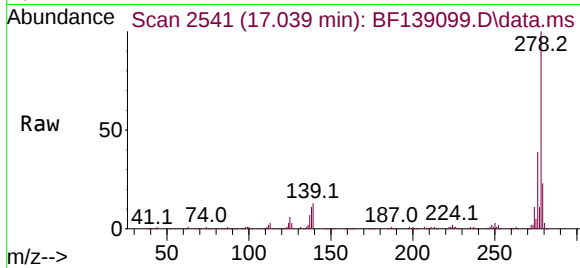
Acq: 21 Aug 2024 13:51

Instrument :

BNA_F

ClientSampleId :

S-906-J-0-0.5-081624MS



Tgt Ion:278 Resp: 420952

Ion Ratio Lower Upper

278 100

139 13.4 10.8 16.2

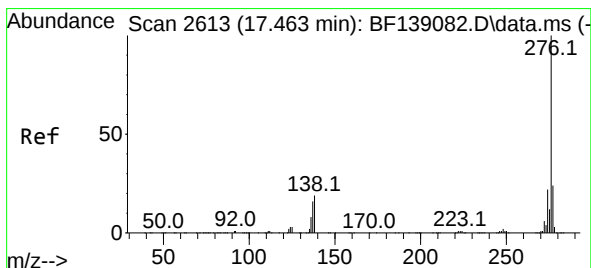
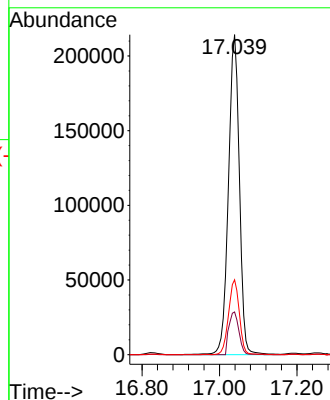
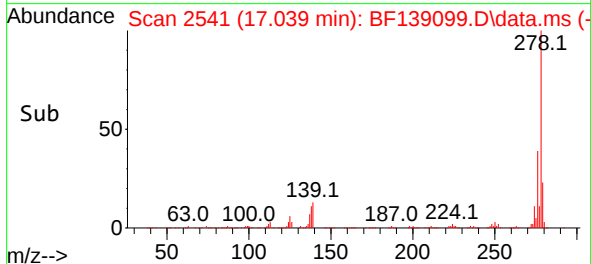
279 23.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#92

Benzo(g,h,i)perylene

Concen: 35.917 ng

RT: 17.462 min Scan# 2613

Delta R.T. -0.001 min

Lab File: BF139099.D

Acq: 21 Aug 2024 13:51

Tgt Ion:276 Resp: 355854

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 17.4 15.0 22.4

