

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139189.D
 Acq On : 27 Aug 2024 16:18
 Operator : RC/JU
 Sample : P3732-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UI-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 17:26:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	89300	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	313751	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	174359	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	273027	20.000	ng	0.00
76) Chrysene-d12	14.051	240	167794	20.000	ng	0.00
86) Perylene-d12	15.521	264	157903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	561357	105.631	ng	0.01
7) Phenol-d6	6.516	99	745205	102.174	ng	0.00
23) Nitrobenzene-d5	7.457	82	464597	82.036	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	174477	116.840	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	767022	68.334	ng	0.00
79) Terphenyl-d14	12.992	244	655348	60.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	105383	41.931	ng	98
3) Pyridine	3.493	79	283455	45.382	ng	99
4) n-Nitrosodimethylamine	3.440	42	169403	46.587	ng	98
6) Aniline	6.551	93	297192	43.469	ng	96
8) 2-Chlorophenol	6.675	128	266405	52.764	ng	98
9) Benzaldehyde	6.440	77	115074	25.208	ng	100
10) Phenol	6.534	94	368689	50.089	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	269998	46.555	ng	99
12) 1,3-Dichlorobenzene	6.834	146	295430	44.371	ng	100
13) 1,4-Dichlorobenzene	6.910	146	299065	44.770	ng	99
14) 1,2-Dichlorobenzene	7.063	146	285303	45.394	ng	98
15) Benzyl Alcohol	7.034	79	278537	50.667	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	403474	47.991	ng	99
17) 2-Methylphenol	7.139	107	223855	48.634	ng	97
18) Hexachloroethane	7.404	117	104967	49.667	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	214904	49.265	ng	99
20) 3+4-Methylphenols	7.292	107	283704	48.321	ng	# 89
22) Acetophenone	7.298	105	381890	47.371	ng	97
24) Nitrobenzene	7.475	77	317719	48.140	ng	96
25) Isophorone	7.710	82	562095	50.189	ng	99
26) 2-Nitrophenol	7.792	139	122886	58.091	ng	97
27) 2,4-Dimethylphenol	7.822	122	207381	62.474	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	316034	48.740	ng	100
29) 2,4-Dichlorophenol	8.028	162	222899	54.402	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	239578	45.343	ng	99
31) Naphthalene	8.198	128	758354	47.270	ng	100
32) Benzoic acid	7.928	122	145496	50.605	ng	99
33) 4-Chloroaniline	8.239	127	95292	17.236	ng	98
34) Hexachlorobutadiene	8.310	225	160562	46.764	ng	100
35) Caprolactam	8.610	113	71216m	56.660	ng	
36) 4-Chloro-3-methylphenol	8.722	107	245743	52.296	ng	100
37) 2-Methylnaphthalene	8.886	142	487294	48.452	ng	100
38) 1-Methylnaphthalene	8.986	142	446284	45.401	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	240143	46.434	ng	98
41) Hexachlorocyclopentadiene	9.039	237	238094	143.374	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	164939	57.038	ng	100

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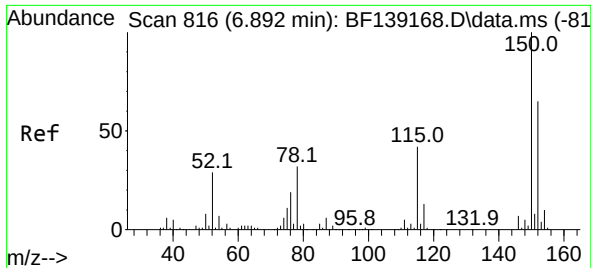
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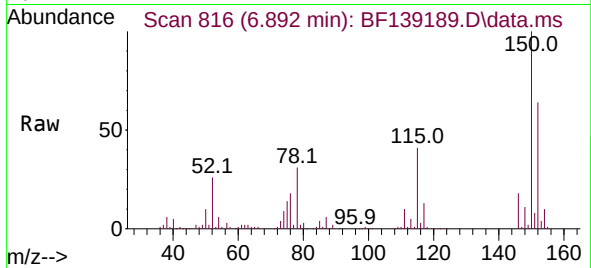
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	167943	55.406	ng	99
46) 1,1'-Biphenyl	9.351	154	597329	47.330	ng	99
47) 2-Chloronaphthalene	9.375	162	463399	46.024	ng	99
48) 2-Nitroaniline	9.469	65	158653	52.863	ng	97
49) Acenaphthylene	9.792	152	723518	50.998	ng	100
50) Dimethylphthalate	9.651	163	556395	55.241	ng	100
51) 2,6-Dinitrotoluene	9.710	165	115138	52.824	ng	92
52) Acenaphthene	9.963	154	494744	53.085	ng	100
53) 3-Nitroaniline	9.875	138	80238	37.561	ng	97
54) 2,4-Dinitrophenol	9.980	184	95124	87.934	ng	# 63
55) Dibenzofuran	10.133	168	660695	48.574	ng	100
56) 4-Nitrophenol	10.033	139	174500	93.906	ng	99
57) 2,4-Dinitrotoluene	10.110	165	151405	54.465	ng	95
58) Fluorene	10.475	166	509987	47.525	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	138918	57.183	ng	99
60) Diethylphthalate	10.351	149	527706	55.638	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	253950	48.222	ng	100
62) 4-Nitroaniline	10.492	138	107361	48.338	ng	97
63) Azobenzene	10.627	77	566551	49.137	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	63188	56.558	ng	97
66) n-Nitrosodiphenylamine	10.586	169	445076	55.043	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	152416	52.540	ng	99
68) Hexachlorobenzene	11.022	284	157476	50.160	ng	98
69) Atrazine	11.110	200	147755	83.776	ng	99
70) Pentachlorophenol	11.216	266	187109	101.512	ng	98
71) Phenanthrene	11.439	178	691636	50.130	ng	100
72) Anthracene	11.486	178	700190	52.062	ng	100
73) Carbazole	11.639	167	569803	47.361	ng	100
74) Di-n-butylphthalate	11.974	149	726745	69.696	ng	100
75) Fluoranthene	12.621	202	598309	44.686	ng	99
77) Benzidine	12.745	184	248123	87.632	ng	99
78) Pyrene	12.851	202	595731	37.797	ng	100
80) Butylbenzylphthalate	13.474	149	226706	67.960	ng	99
81) Benzo(a)anthracene	14.039	228	556098	50.019	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	124442	48.075	ng	98
83) Chrysene	14.074	228	517605	51.612	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	301274	75.679	ng	99
85) Di-n-octyl phthalate	14.645	149	534370	67.459	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	373485	34.592	ng	100
88) Benzo(b)fluoranthene	15.092	252	504481	54.616	ng	99
89) Benzo(k)fluoranthene	15.121	252	484182	57.979	ng	99
90) Benzo(a)pyrene	15.457	252	439960	56.115	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	309143	34.934	ng	98
92) Benzo(g,h,i)perylene	17.445	276	263879	28.829	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

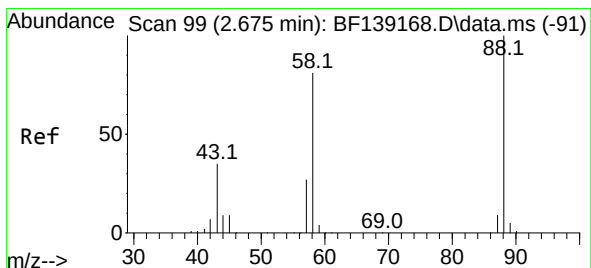
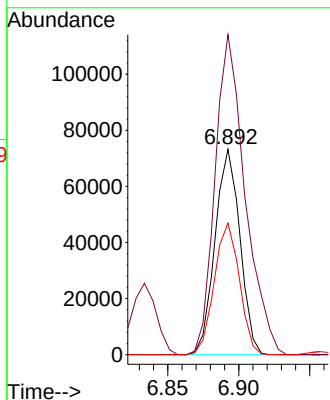
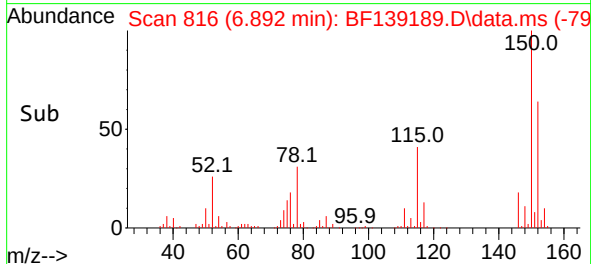
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:152 Resp: 89300
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 64.1 51.8 77.8

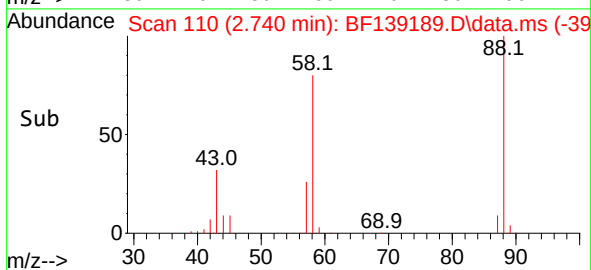
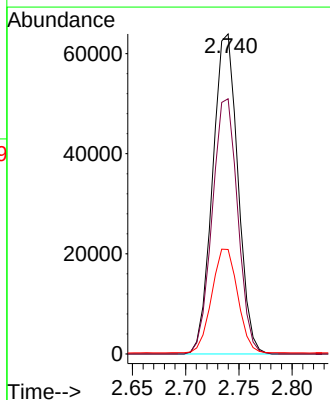
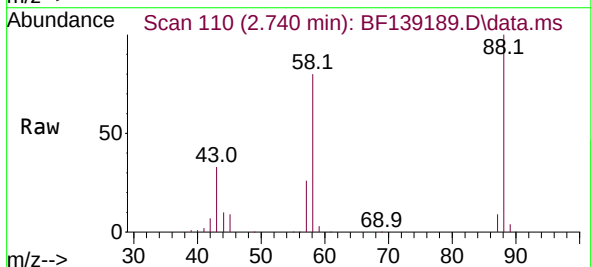
Manual Integrations
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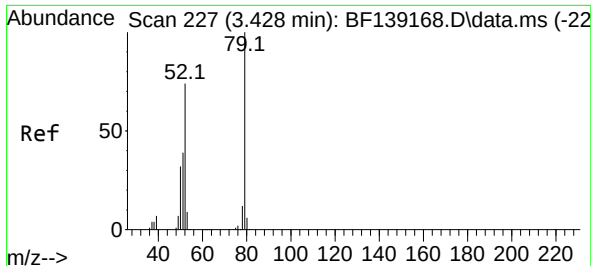
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#2
1,4-Dioxane
Concen: 41.931 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.065 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion: 88 Resp: 105383
Ion Ratio Lower Upper
88 100
58 80.2 65.0 97.6
43 33.5 28.4 42.6





#3

Pyridine

Concen: 45.382 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion: 79 Resp: 28345

Ion Ratio Lower Upper

79 100

52 73.6 59.5 89.3

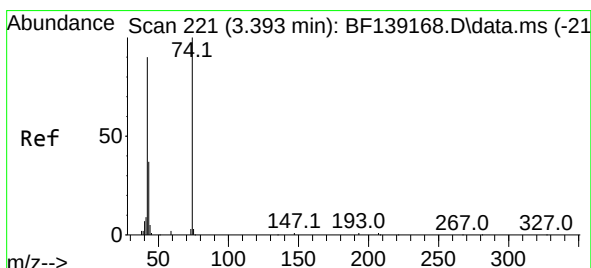
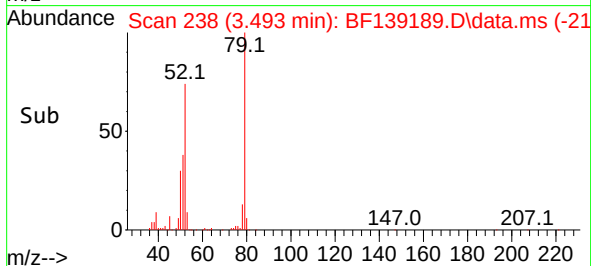
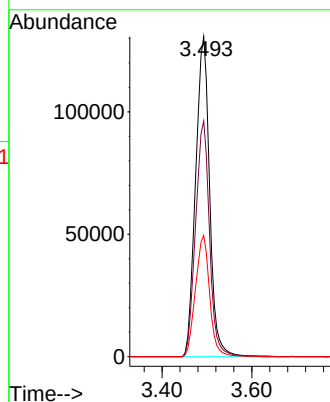
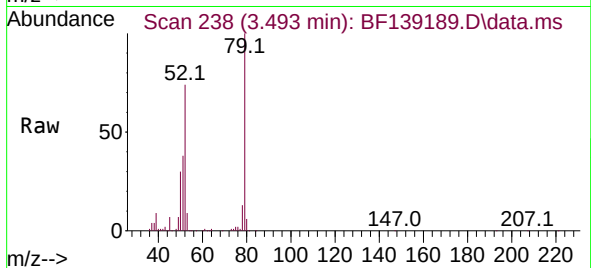
51 37.9 31.4 47.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/28/2024



#4

n-Nitrosodimethylamine

Concen: 46.587 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.047 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

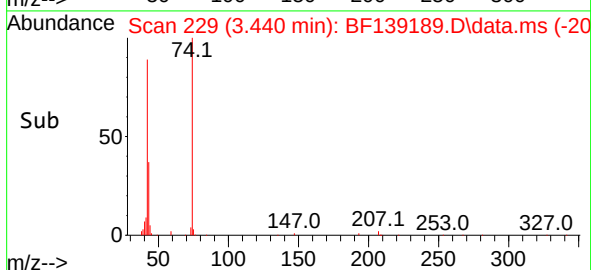
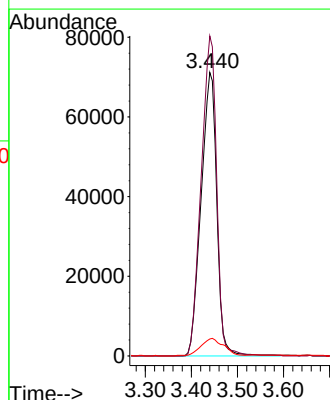
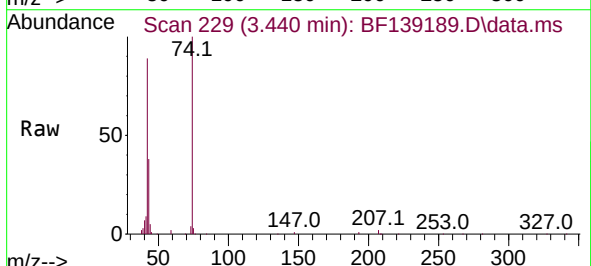
Tgt Ion: 42 Resp: 169403

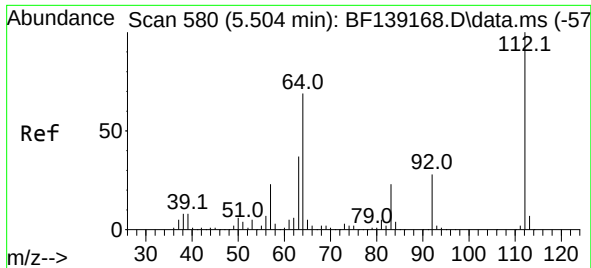
Ion Ratio Lower Upper

42 100

74 112.9 88.6 132.8

44 6.0 5.0 7.4





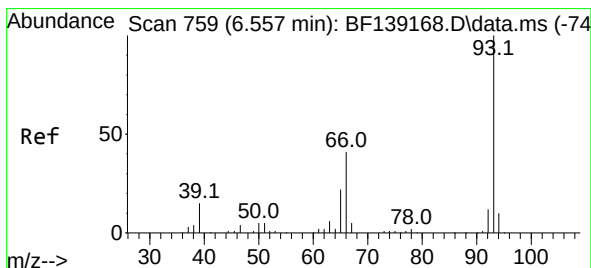
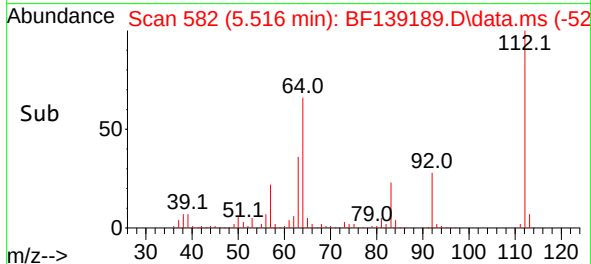
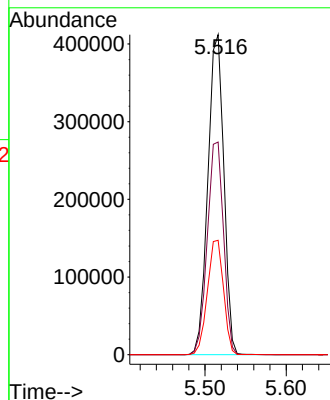
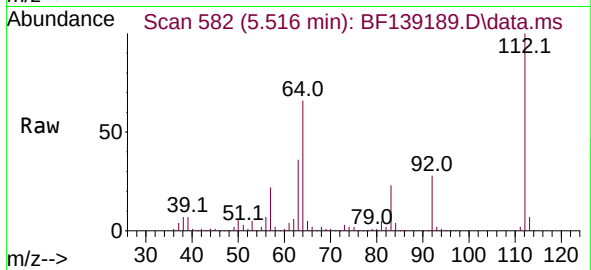
#5
2-Fluorophenol
Concen: 105.631 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion:112 Resp: 56135
Ion Ratio Lower Upper
112 100
64 66.4 55.5 83.3
63 35.8 29.8 44.6

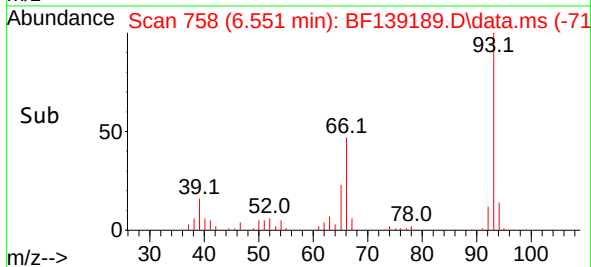
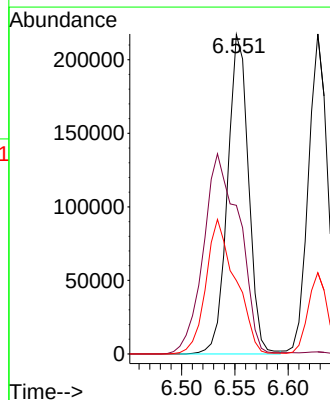
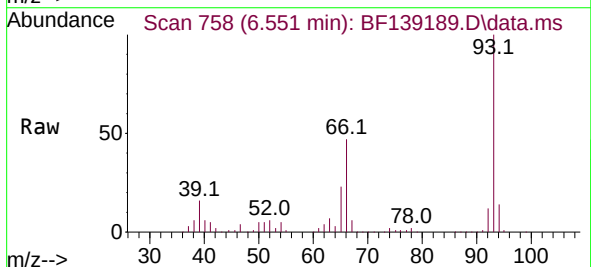
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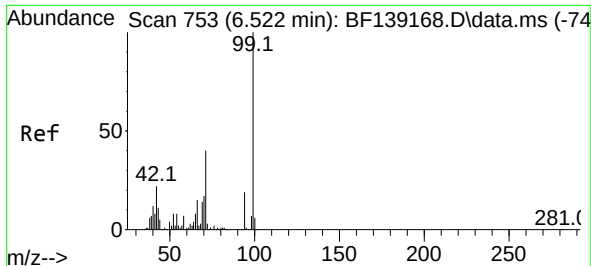
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#6
Aniline
Concen: 43.469 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

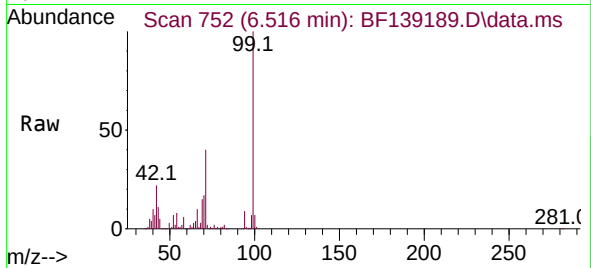
Tgt Ion: 93 Resp: 297192
Ion Ratio Lower Upper
93 100
66 46.5 35.0 52.4
65 23.0 17.2 25.8





#7
Phenol-d6
Concen: 102.174 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

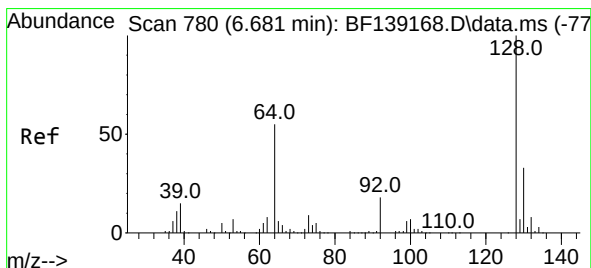
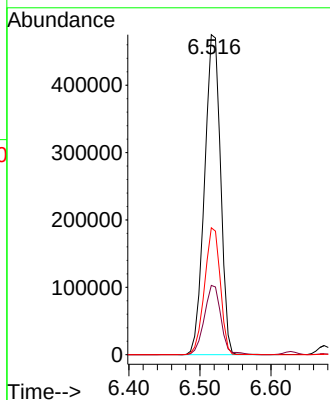
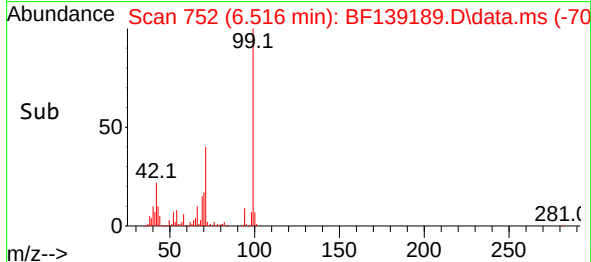
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion: 99 Resp: 745205
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 39.6 31.7 47.5

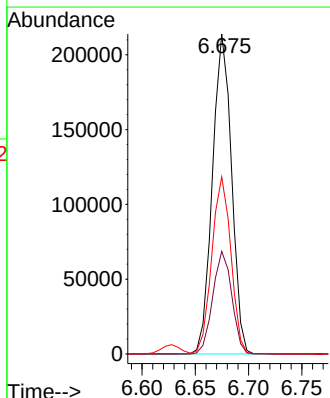
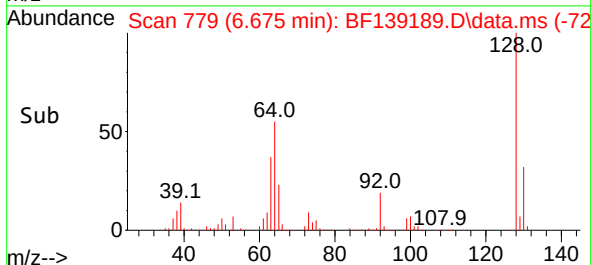
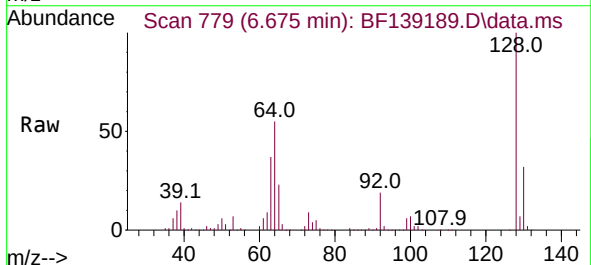
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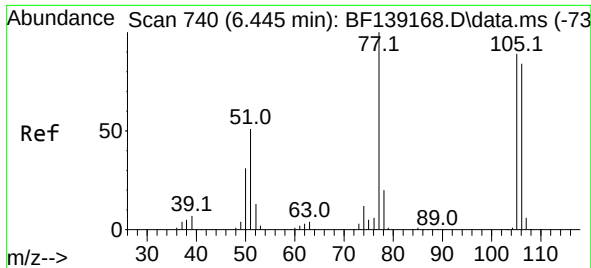
Reviewed By :Yogesh Patel 08/28/2024
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#8
2-Chlorophenol
Concen: 52.764 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:128 Resp: 266405
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 55.4 37.3 77.3





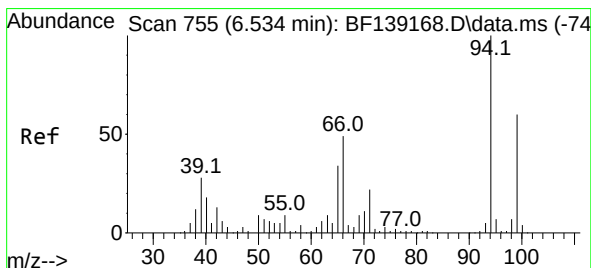
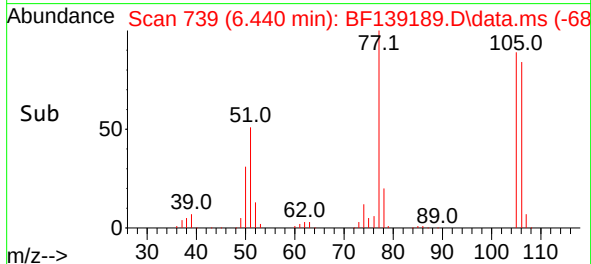
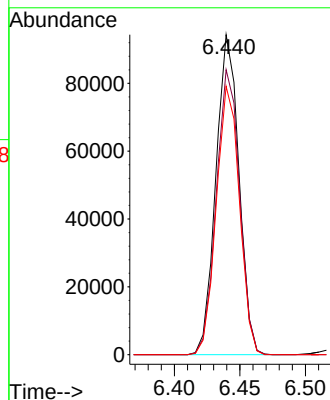
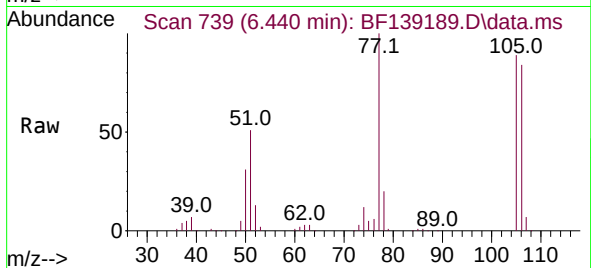
#9
Benzaldehyde
Concen: 25.208 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion: 77 Resp: 115074
Ion Ratio Lower Upper
77 100
105 89.0 68.7 108.7
106 83.8 64.2 104.2

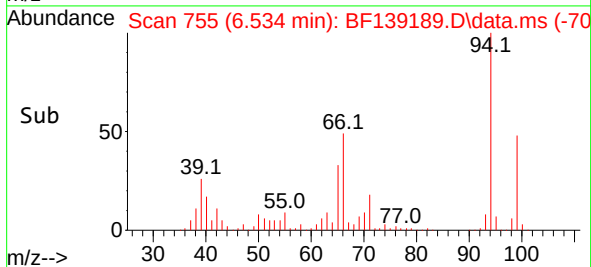
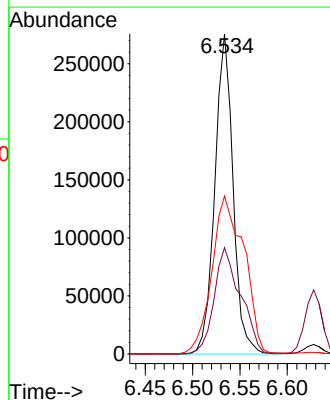
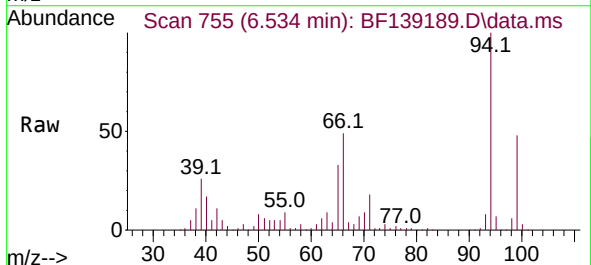
Manual Integrations
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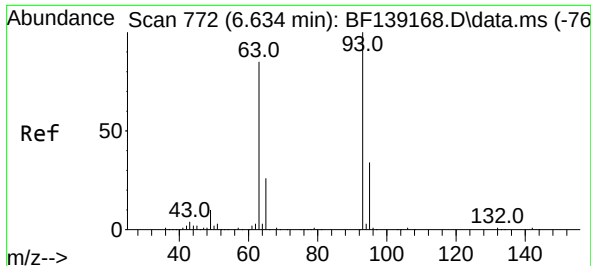
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#10
Phenol
Concen: 50.089 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion: 94 Resp: 368689
Ion Ratio Lower Upper
94 100
65 33.2 14.1 54.1
66 49.4 29.8 69.8





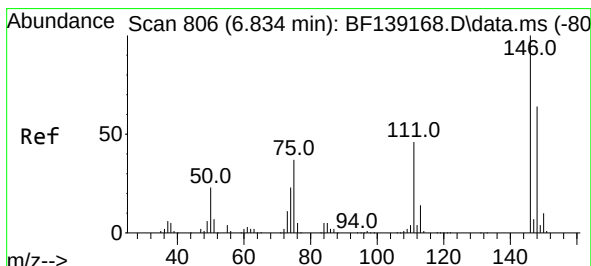
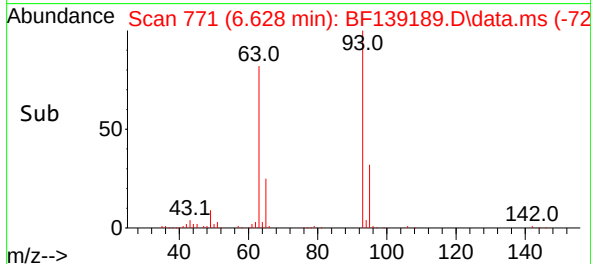
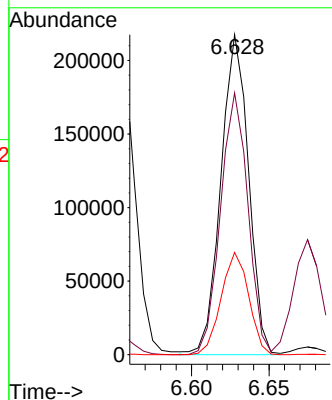
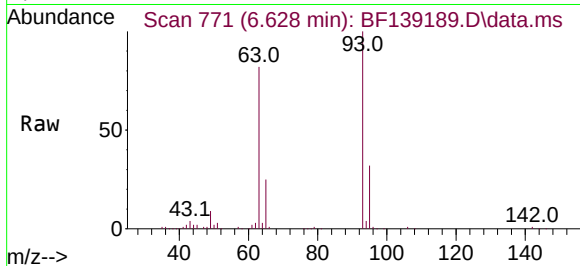
#11
bis(2-Chloroethyl)ether
Concen: 46.555 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion: 93 Resp: 269998
Ion Ratio Lower Upper
93 100
63 81.8 62.4 102.4
95 31.9 12.5 52.5

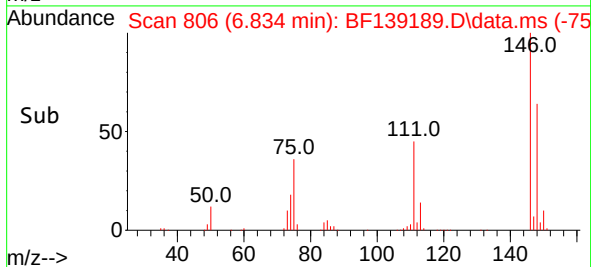
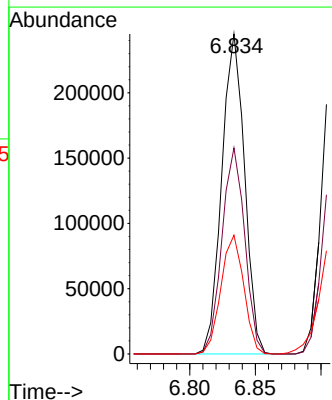
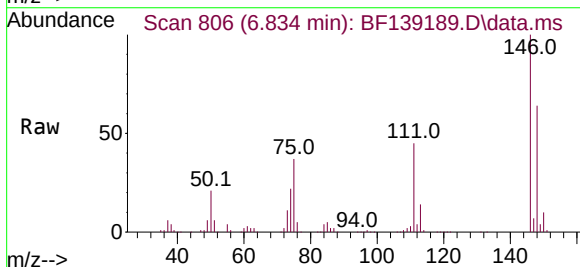
Manual Integrations
APPROVED

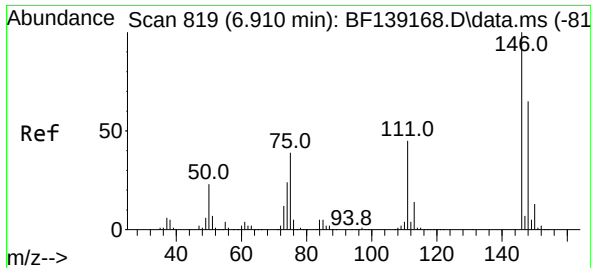
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#12
1,3-Dichlorobenzene
Concen: 44.371 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:146 Resp: 295430
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 37.1 29.9 44.9





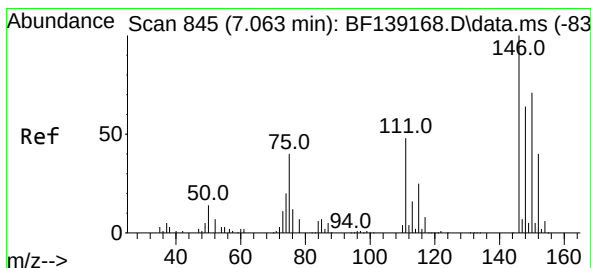
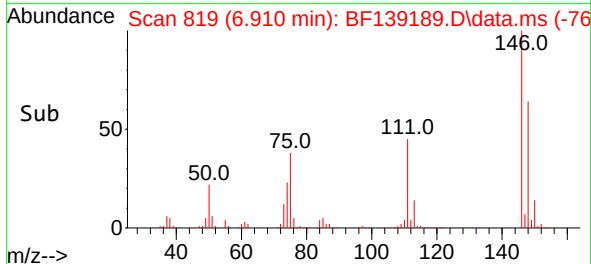
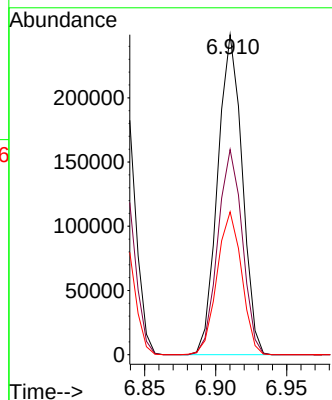
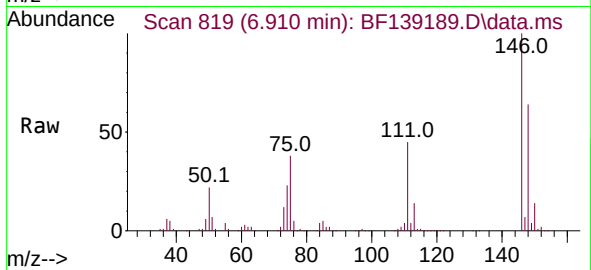
#13
1,4-Dichlorobenzene
Concen: 44.770 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion:146 Resp: 29906
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 44.6 35.8 53.8

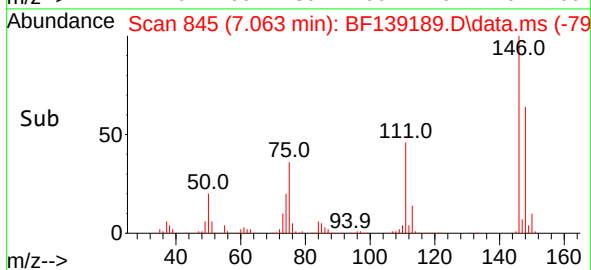
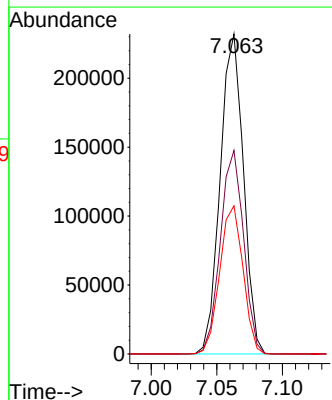
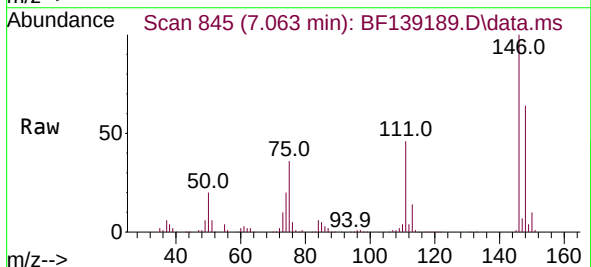
Manual Integrations
APPROVED

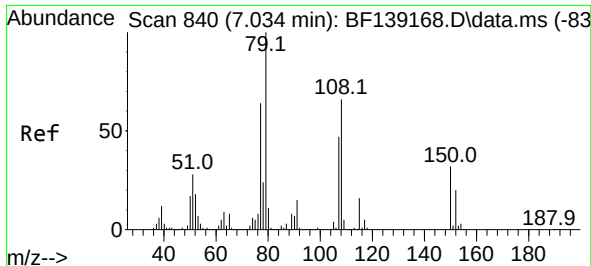
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#14
1,2-Dichlorobenzene
Concen: 45.394 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

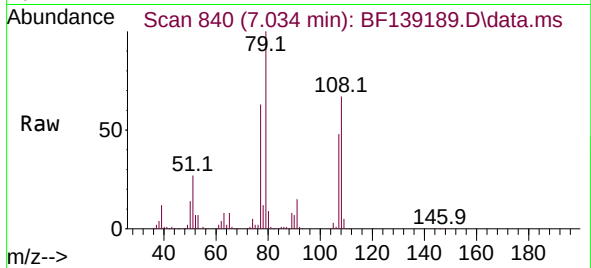
Tgt Ion:146 Resp: 285303
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 46.3 38.6 58.0





#15
Benzyl Alcohol
Concen: 50.667 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

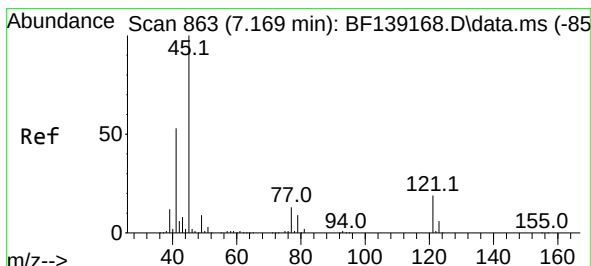
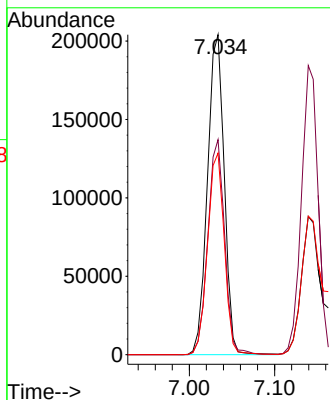
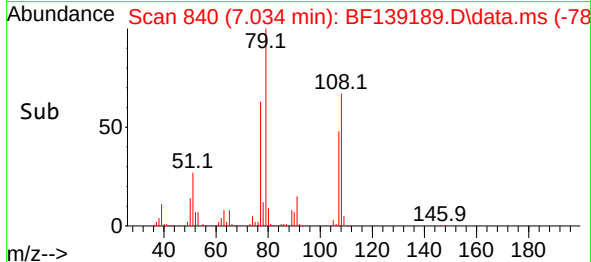
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion: 79 Resp: 27853
Ion Ratio Lower Upper
79 100
108 67.2 52.7 79.1
77 63.0 51.2 76.8

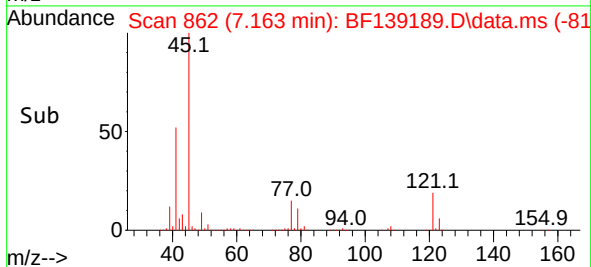
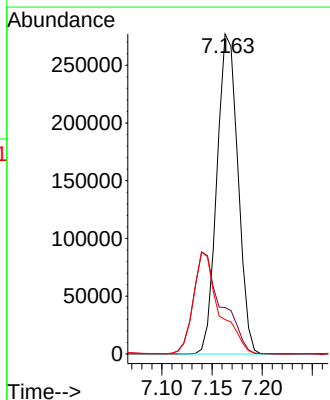
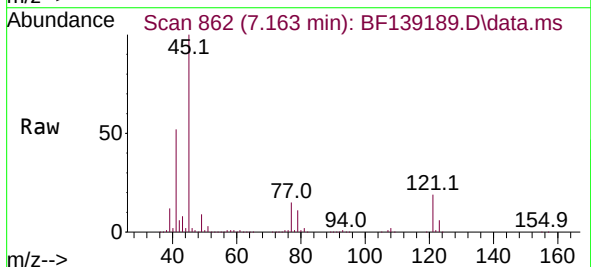
Manual Integrations
APPROVED

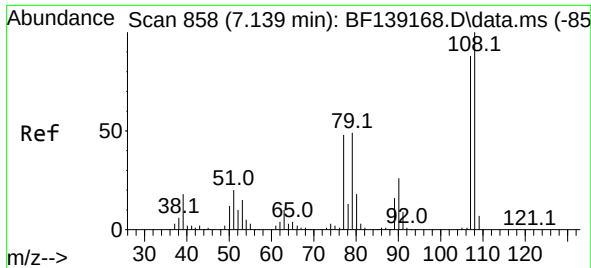
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.991 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

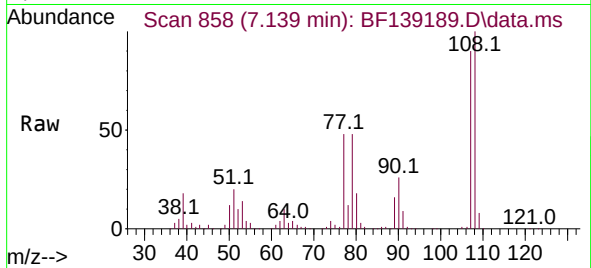
Tgt Ion: 45 Resp: 403474
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 10.7 0.0 30.5





#17
2-Methylphenol
Concen: 48.634 ng
RT: 7.139 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

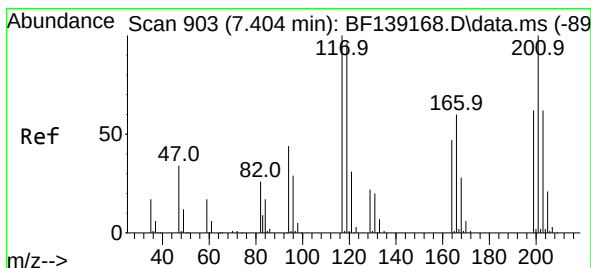
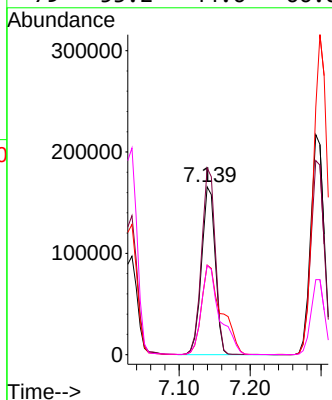
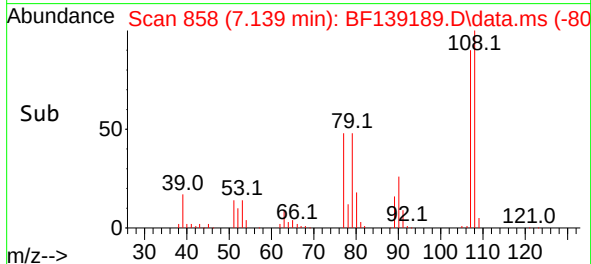
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:107 Resp: 22385
Ion Ratio Lower Upper
107 100
108 111.3 91.4 137.0
77 53.3 44.3 66.5
79 53.2 44.6 66.8

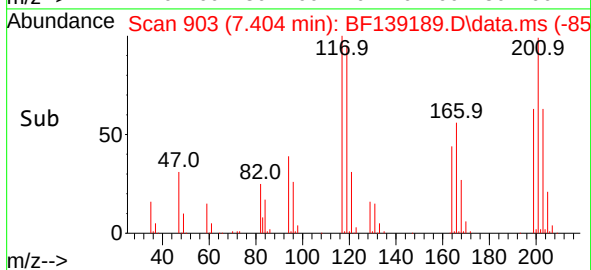
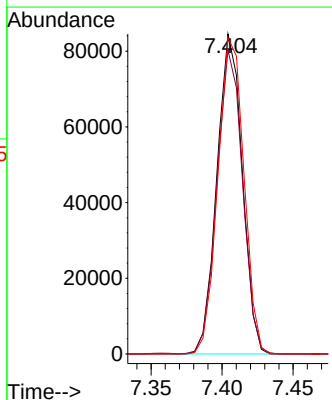
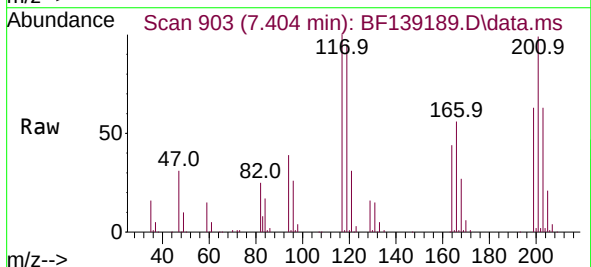
Manual Integrations
APPROVED

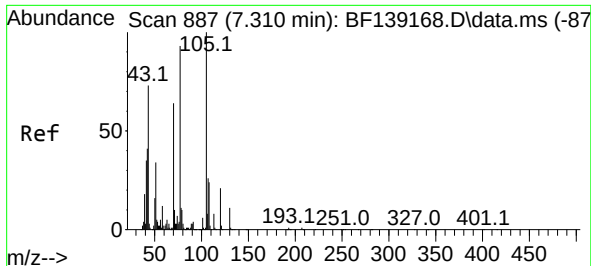
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#18
Hexachloroethane
Concen: 49.667 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

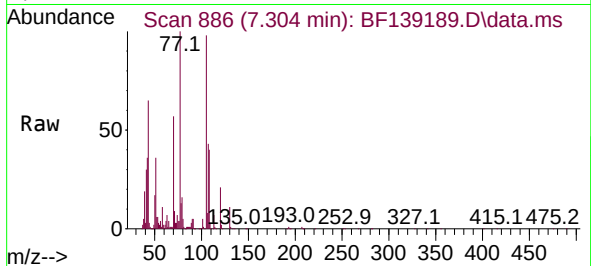
Tgt Ion:117 Resp: 104967
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 98.8 79.7 119.5





#19
n-Nitroso-di-n-propylamine
Concen: 49.265 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

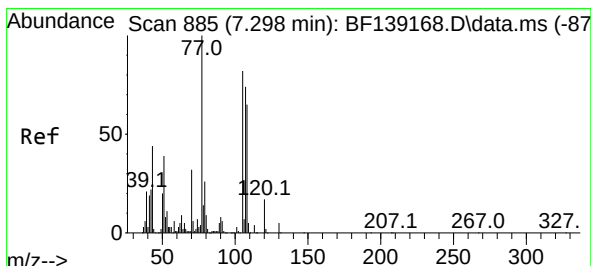
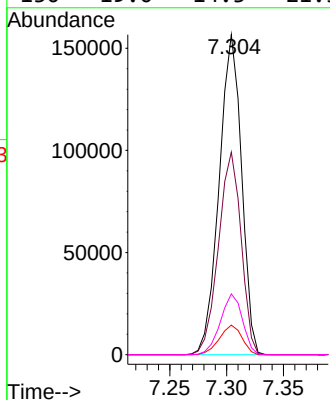
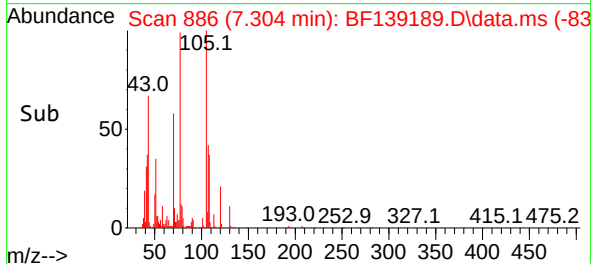
Instrument :
BNA_F
Client SampleId :
UI-5MS



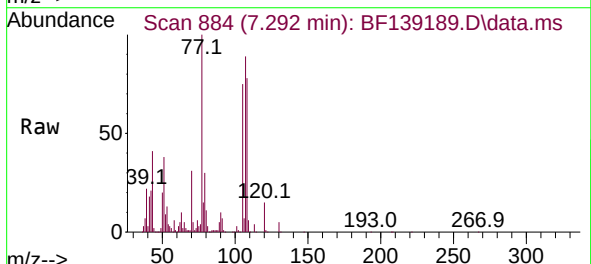
Tgt Ion: 70 Resp: 214904
Ion Ratio Lower Upper
70 100
42 63.3 50.8 76.2
101 9.2 7.4 11.0
130 19.0 14.3 21.5

Manual Integrations
APPROVED

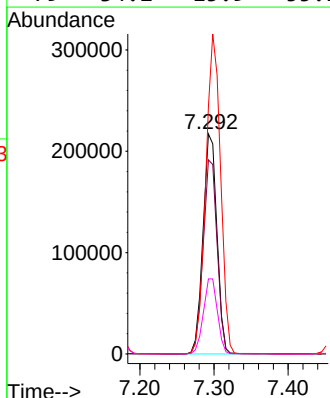
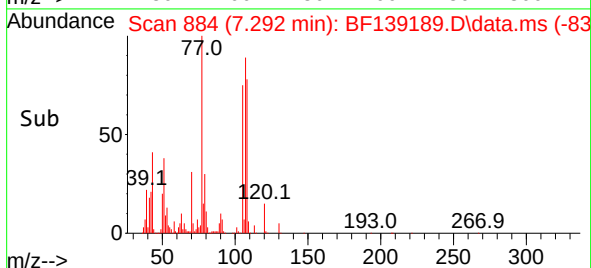
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

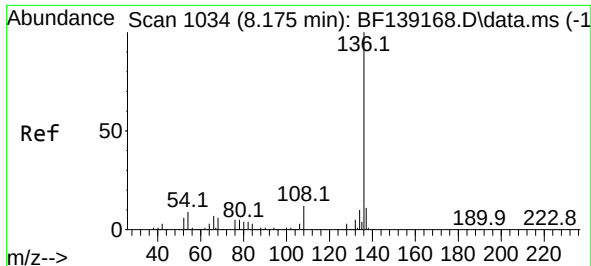


#20
3+4-Methylphenols
Concen: 48.321 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:107 Resp: 283704
Ion Ratio Lower Upper
107 100
108 88.3 68.5 108.5
77 112.5 115.7 155.7#
79 34.2 15.9 55.9





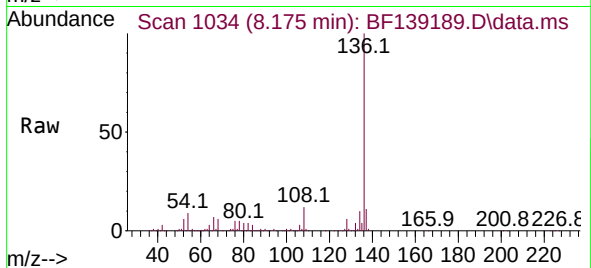
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS



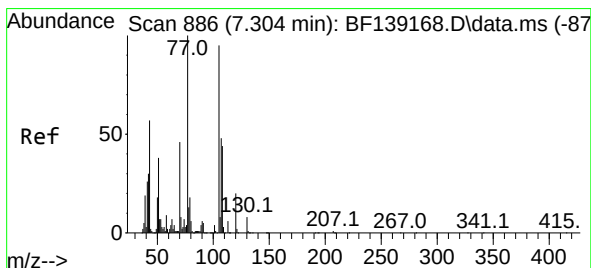
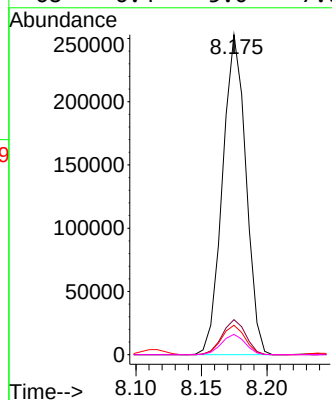
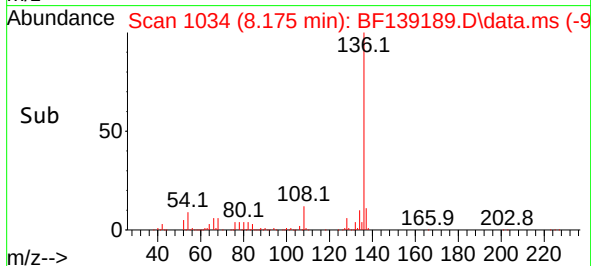
Tgt Ion:136 Resp: 31375
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.2 7.6 11.4
68 6.4 5.0 7.6

Manual Integrations

APPROVED

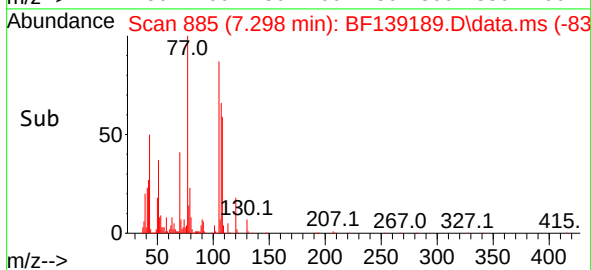
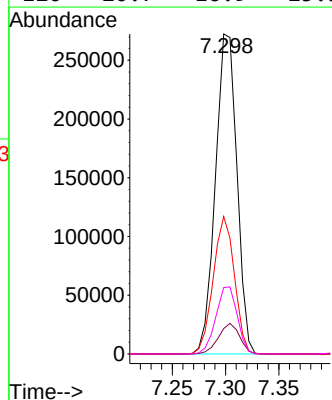
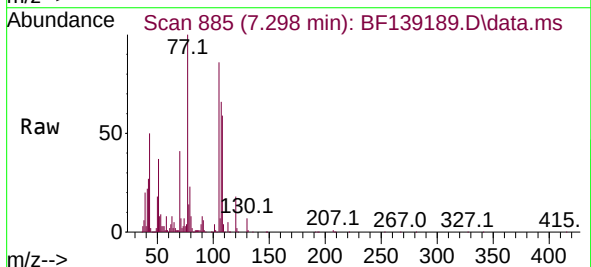
Reviewed By :Yogesh Patel 08/28/2024

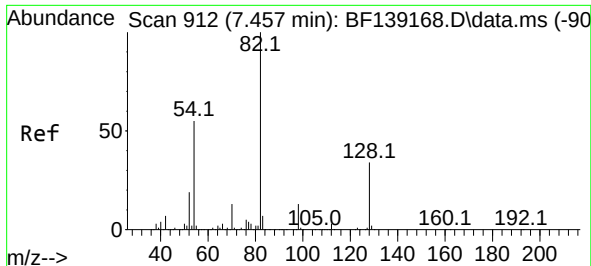
Supervised By :mohammad ahmed 08/28/2024



#22
Acetophenone
Concen: 47.371 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:105 Resp: 381890
Ion Ratio Lower Upper
105 100
71 7.9 6.5 9.7
51 42.9 31.8 47.6
120 20.7 16.9 25.3





#23

Nitrobenzene-d5

Concen: 82.036 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion: 82 Resp: 46459

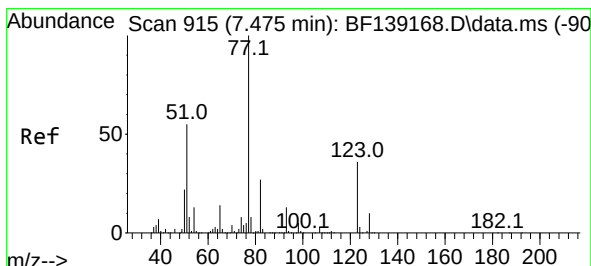
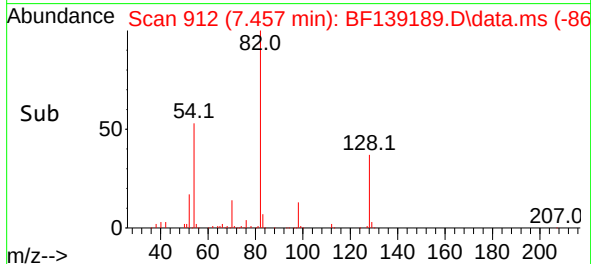
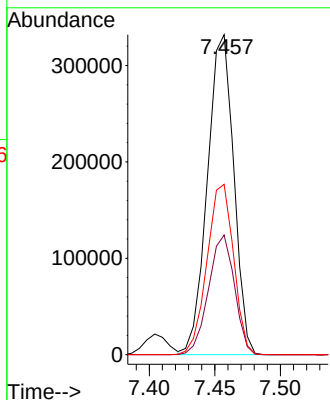
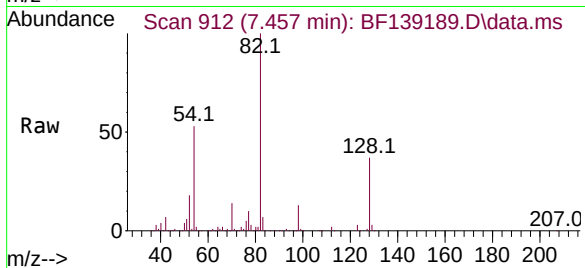
Ion	Ratio	Lower	Upper
82	100		
128	37.4	27.1	40.7
54	53.2	44.2	66.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#24

Nitrobenzene

Concen: 48.140 ng

RT: 7.475 min Scan# 915

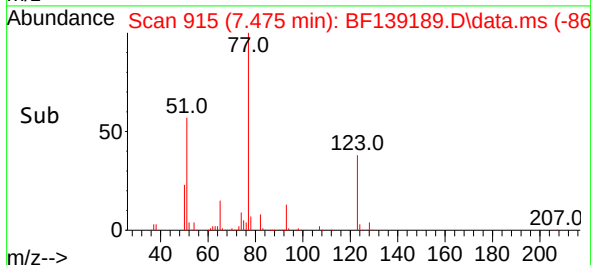
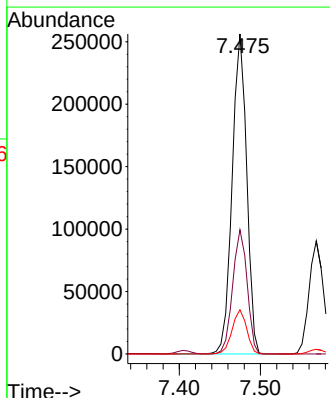
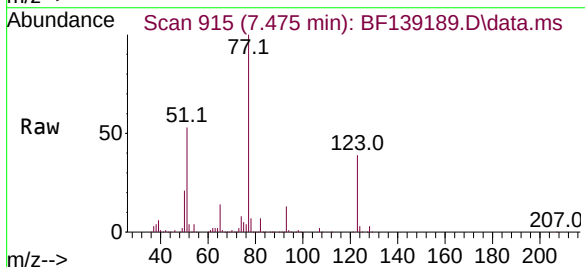
Delta R.T. -0.000 min

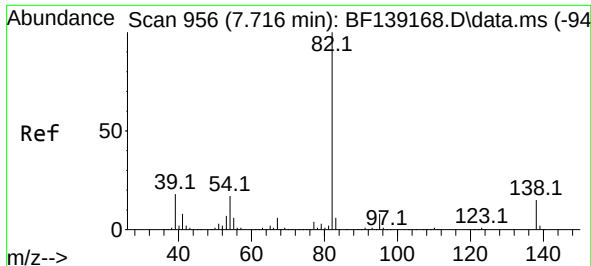
Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Tgt Ion: 77 Resp: 317719

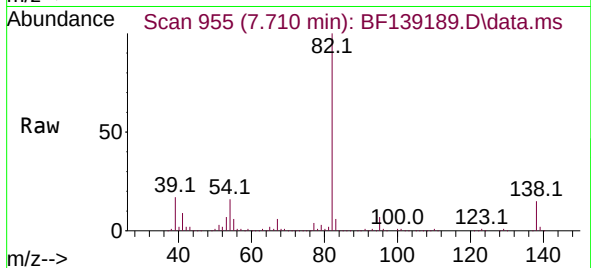
Ion	Ratio	Lower	Upper
77	100		
123	38.8	28.7	43.1
65	13.8	10.9	16.3





#25
Isophorone
Concen: 50.189 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

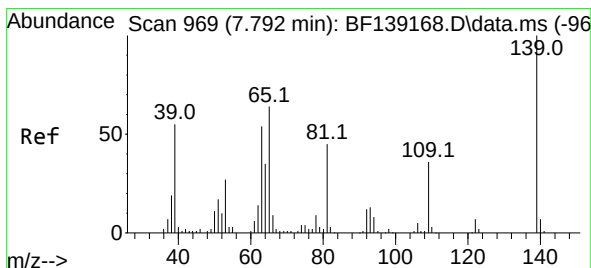
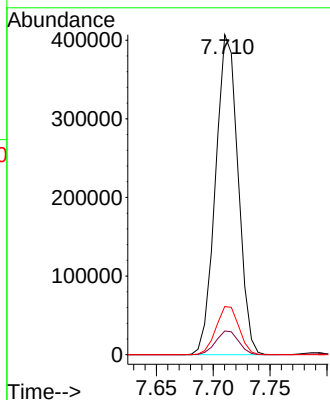
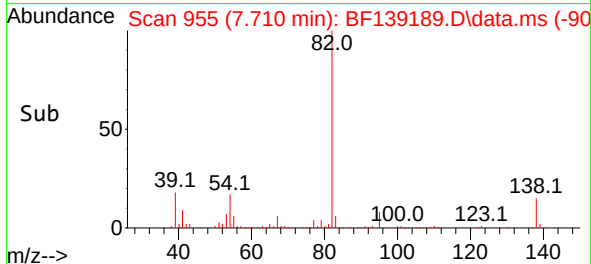
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion: 82 Resp: 56209
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.1 12.2 18.4

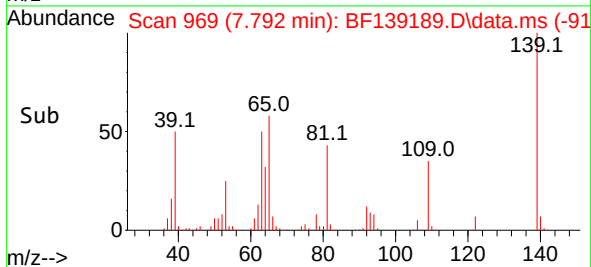
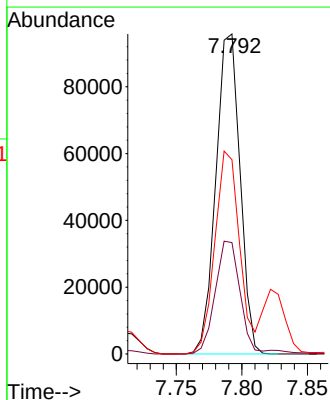
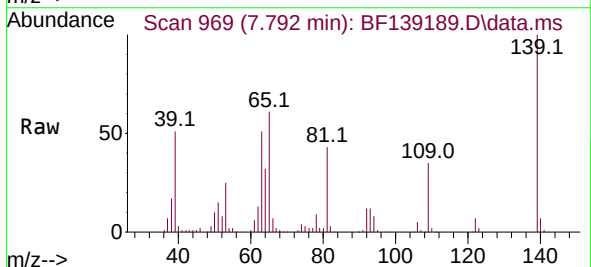
Manual Integrations
APPROVED

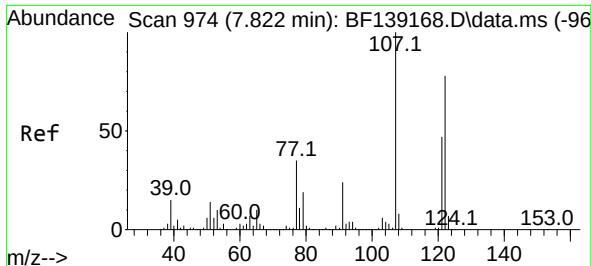
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#26
2-Nitrophenol
Concen: 58.091 ng
RT: 7.792 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

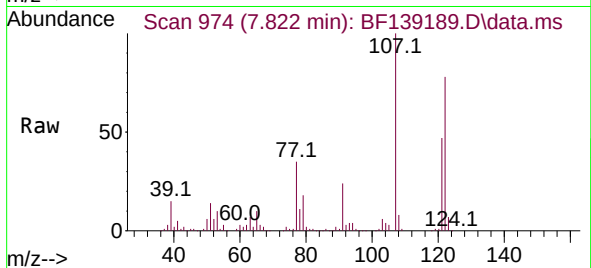
Tgt Ion:139 Resp: 122886
Ion Ratio Lower Upper
139 100
109 34.8 28.9 43.3
65 60.7 51.1 76.7





#27
2,4-Dimethylphenol
Concen: 62.474 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

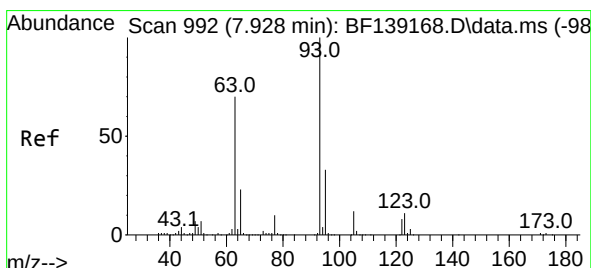
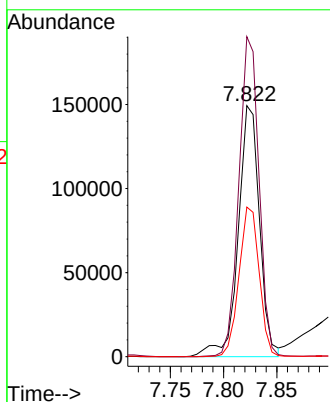
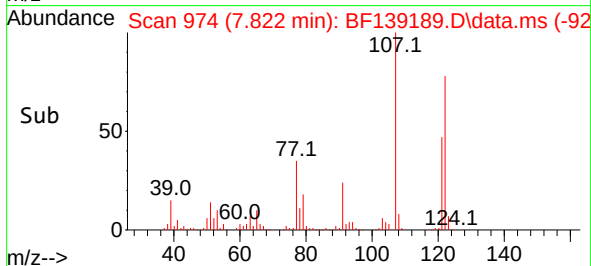
Instrument :
BNA_F
ClientSampleId :
UI-5MS



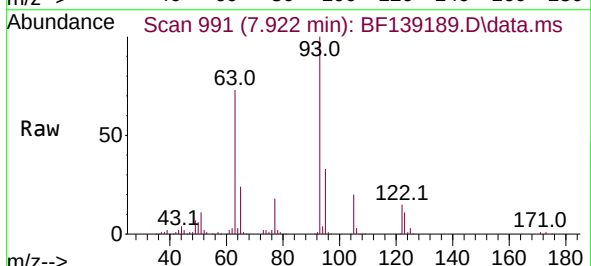
Tgt Ion:122 Resp: 20738
Ion Ratio Lower Upper
122 100
107 127.5 102.1 153.1
121 59.6 47.8 71.6

Manual Integrations
APPROVED

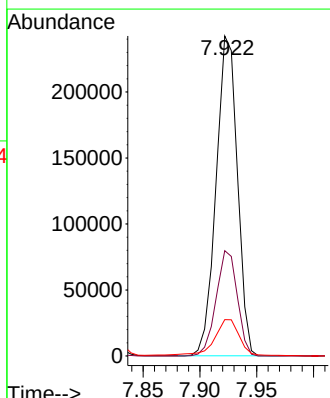
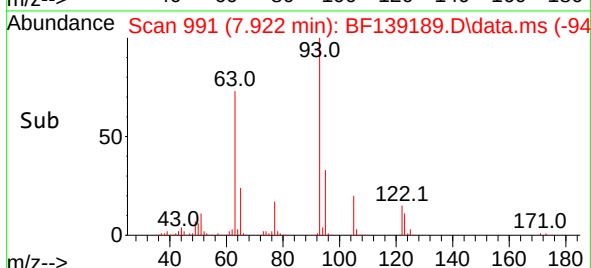
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

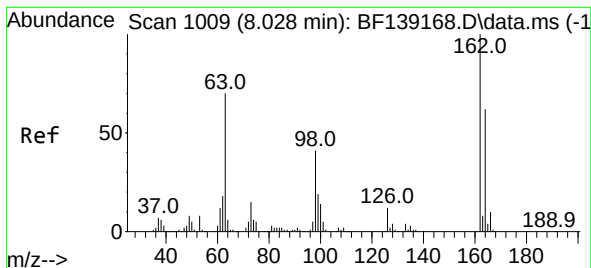


#28
bis(2-Chloroethoxy)methane
Concen: 48.740 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion: 93 Resp: 316034
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.402 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion:162 Resp: 222895

Ion Ratio Lower Upper

162 100

164 63.2 42.3 82.3

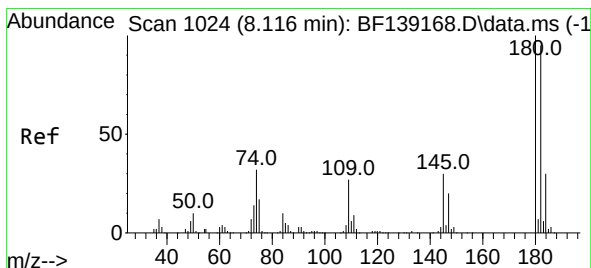
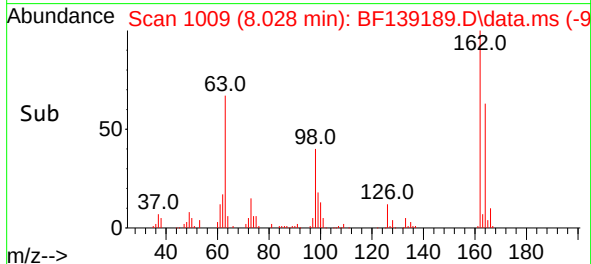
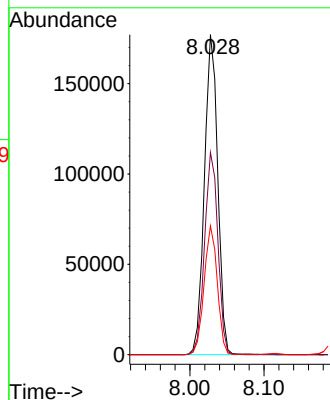
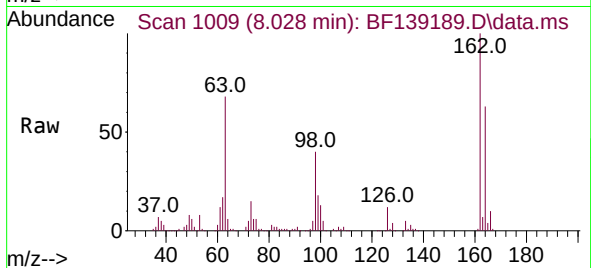
98 40.2 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.343 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

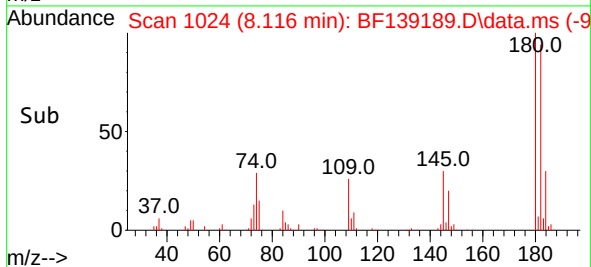
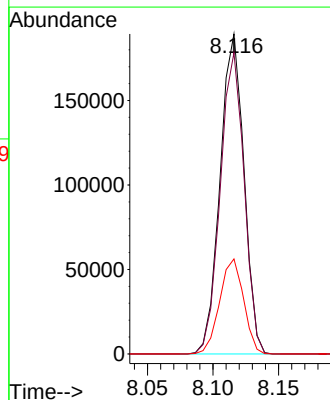
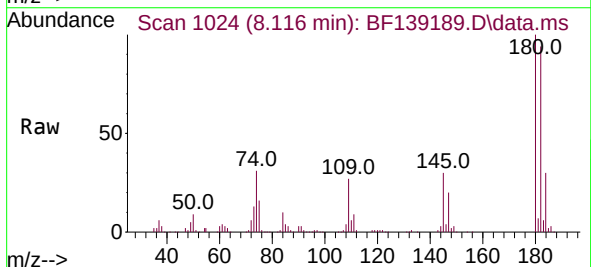
Tgt Ion:180 Resp: 239578

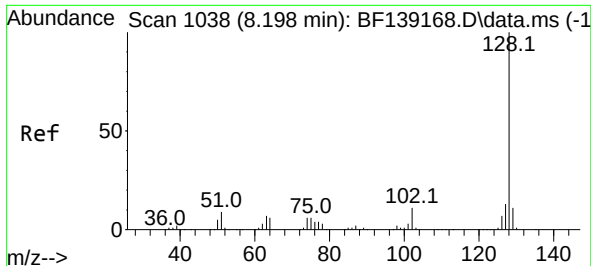
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

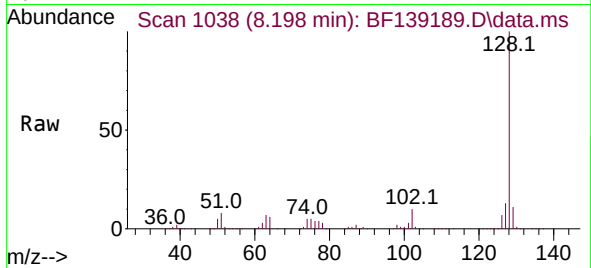
145 29.7 23.6 35.4





#31
Naphthalene
Concen: 47.270 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

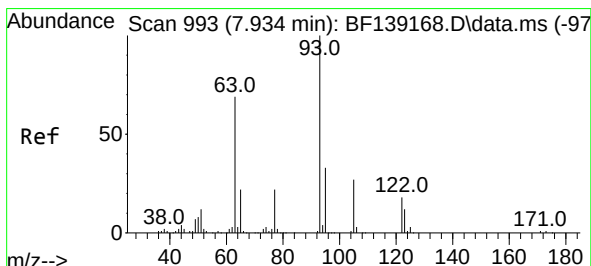
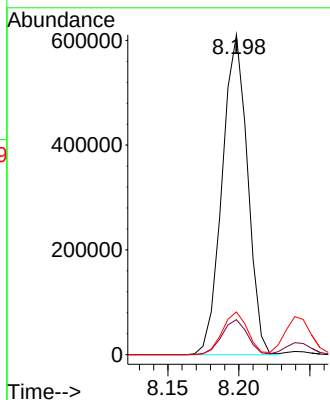
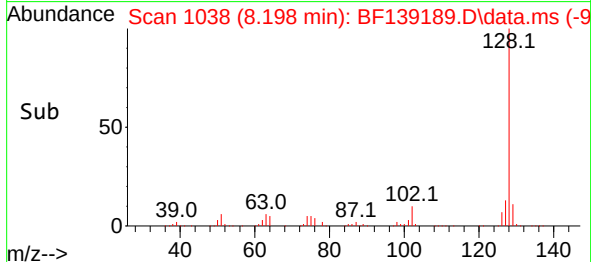
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:128 Resp: 758354
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.7 16.1

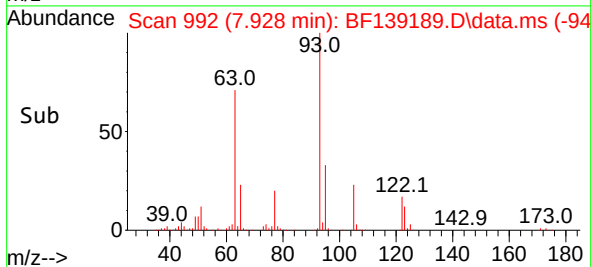
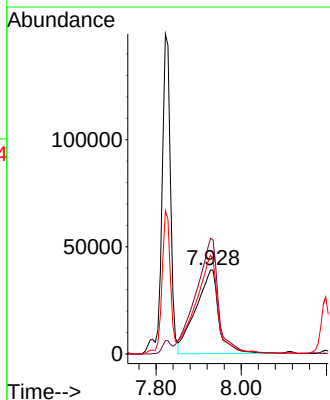
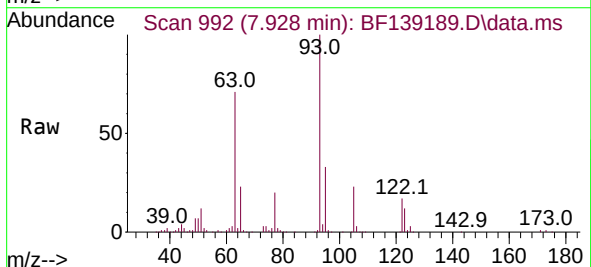
Manual Integrations
APPROVED

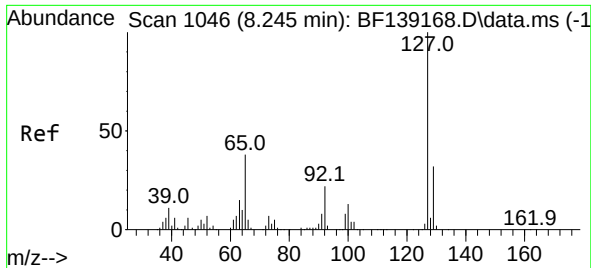
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#32
Benzoic acid
Concen: 50.605 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

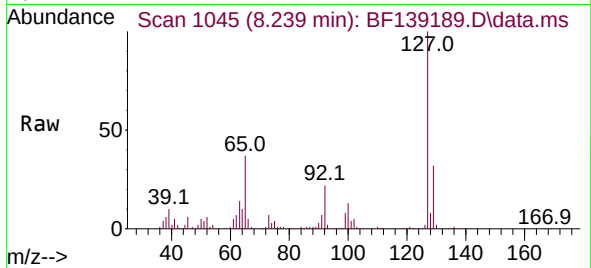
Tgt Ion:122 Resp: 145496
Ion Ratio Lower Upper
122 100
105 137.6 118.9 158.9
77 117.4 96.4 136.4





#33
4-Chloroaniline
Concen: 17.236 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

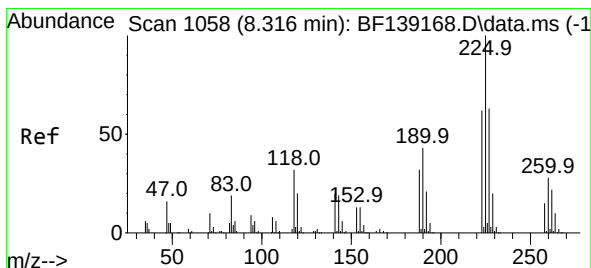
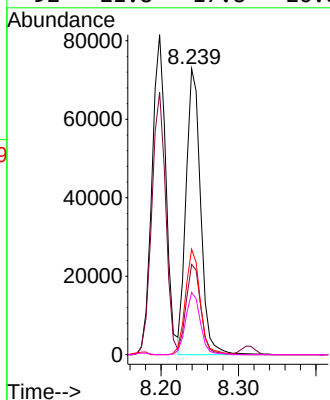
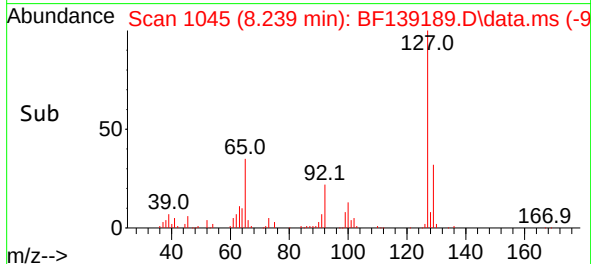
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:127 Resp: 95292
Ion Ratio Lower Upper
127 100
129 31.6 25.7 38.5
65 36.9 30.8 46.2
92 21.8 17.8 26.8

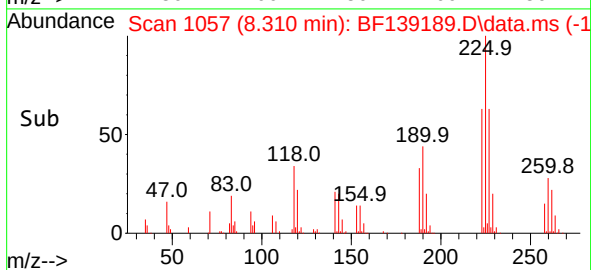
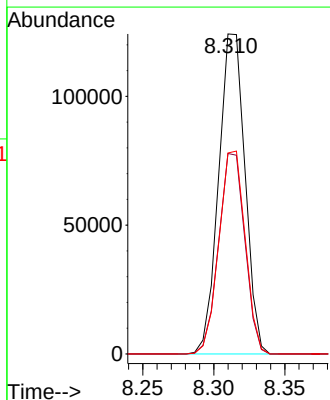
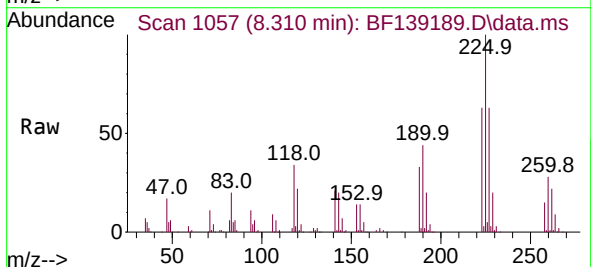
Manual Integrations
APPROVED

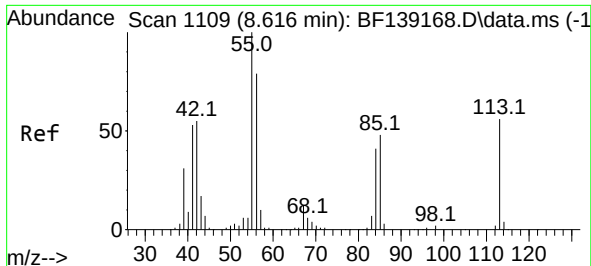
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#34
Hexachlorobutadiene
Concen: 46.764 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:225 Resp: 160562
Ion Ratio Lower Upper
225 100
223 62.7 49.7 74.5
227 62.8 50.3 75.5





#35
Caprolactam
Concen: 56.660 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

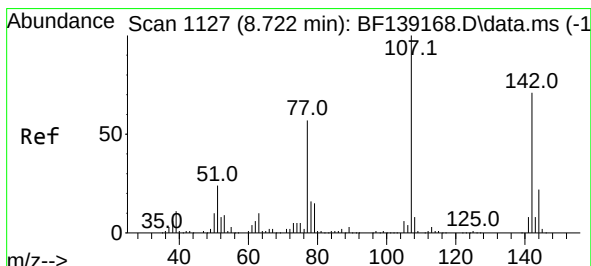
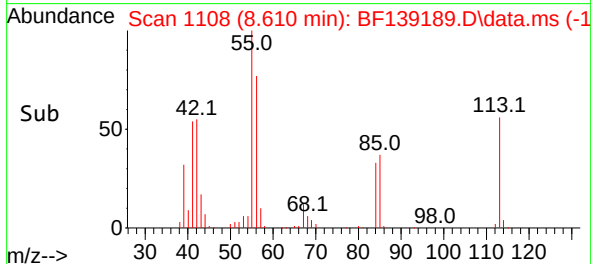
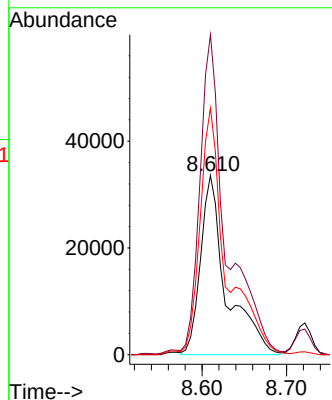
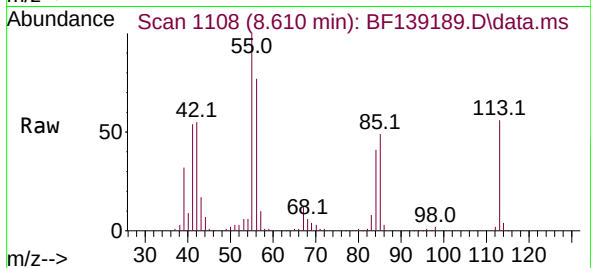
Tgt Ion:113 Resp: 71210
Ion Ratio Lower Upper
113 100
55 178.6 158.0 198.0
56 137.6 119.6 159.6

Manual Integrations

APPROVED

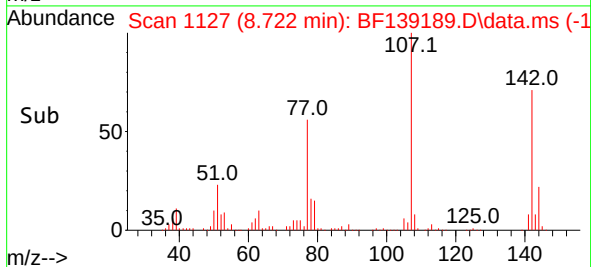
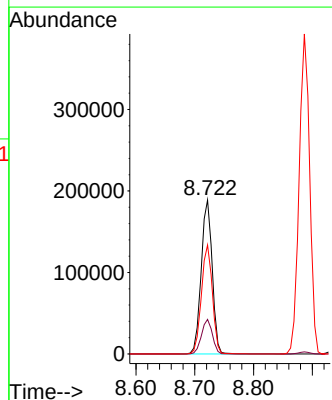
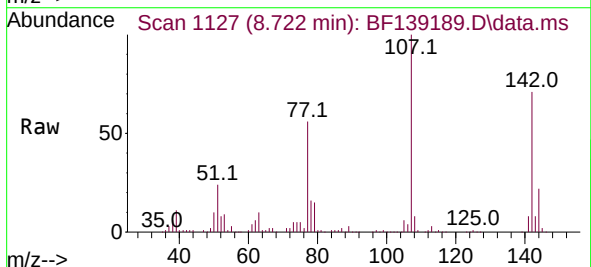
Reviewed By :Yogesh Patel 08/28/2024

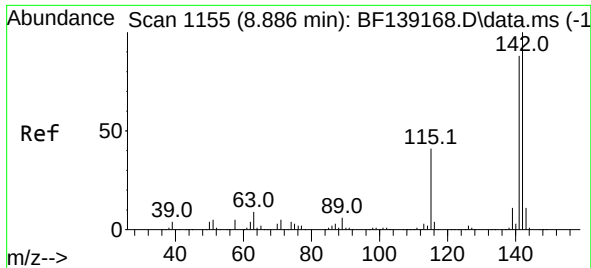
Supervised By :mohammad ahmed 08/28/2024



#36
4-Chloro-3-methylphenol
Concen: 52.296 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

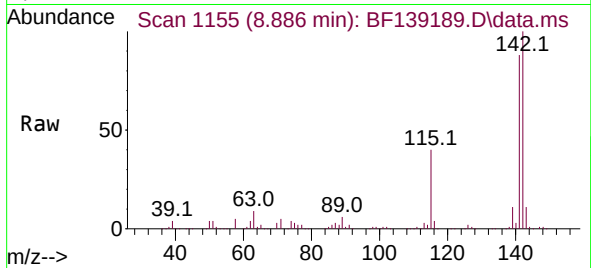
Tgt Ion:107 Resp: 245743
Ion Ratio Lower Upper
107 100
144 22.4 17.8 26.8
142 70.8 56.6 84.8





#37
2-Methylnaphthalene
Concen: 48.452 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

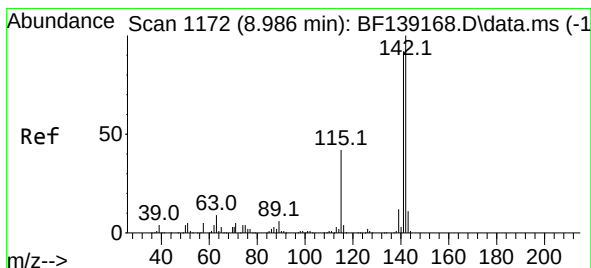
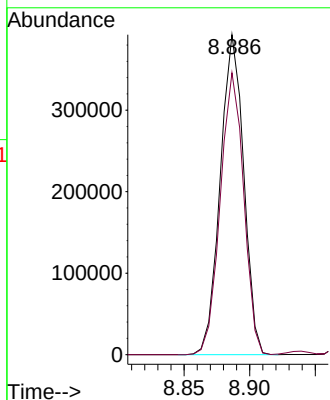
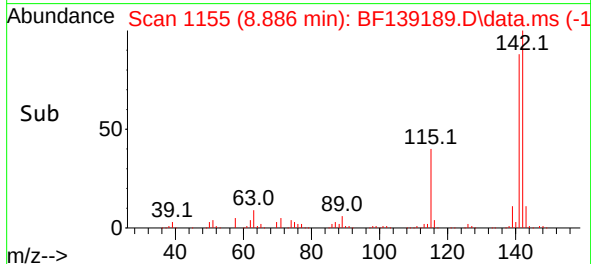
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:142 Resp: 487294
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2

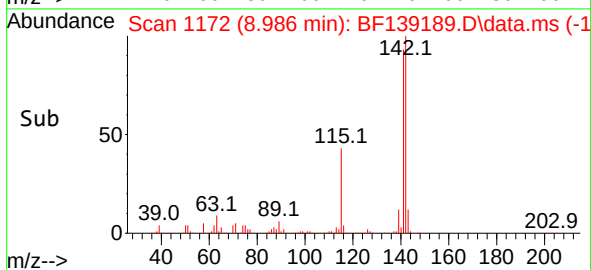
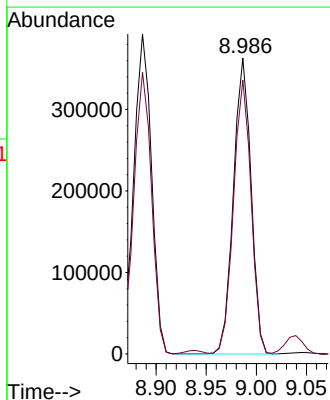
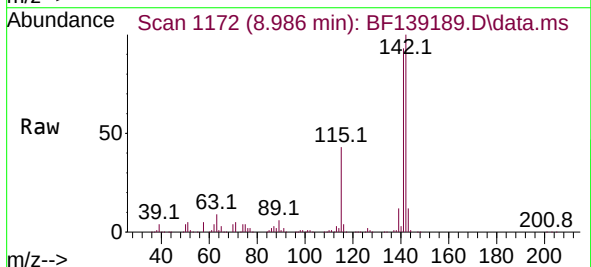
Manual Integrations
APPROVED

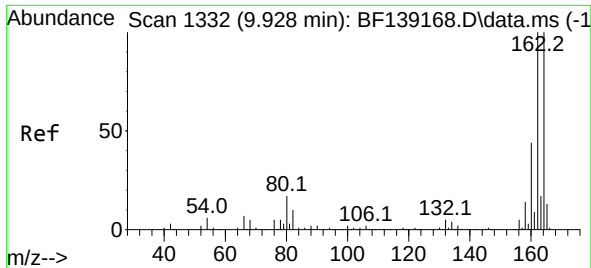
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#38
1-Methylnaphthalene
Concen: 45.401 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:142 Resp: 446284
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.2





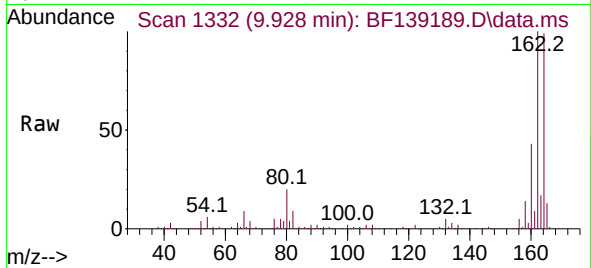
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

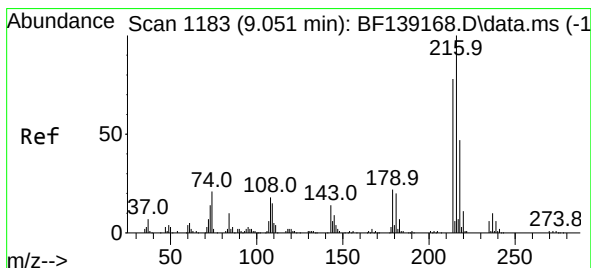
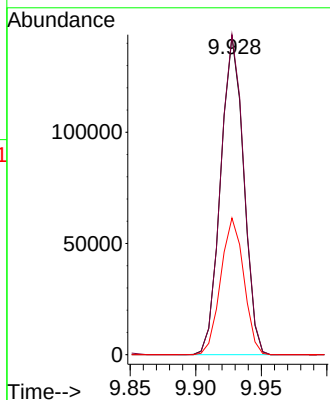
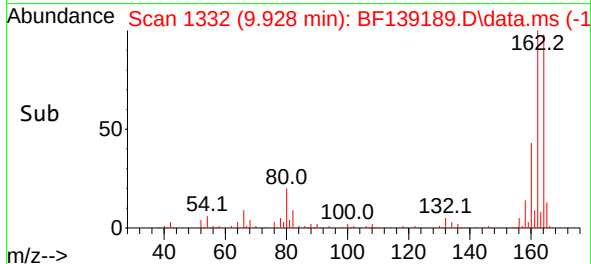


Tgt Ion:164 Resp: 174359
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 43.0 35.0 52.6

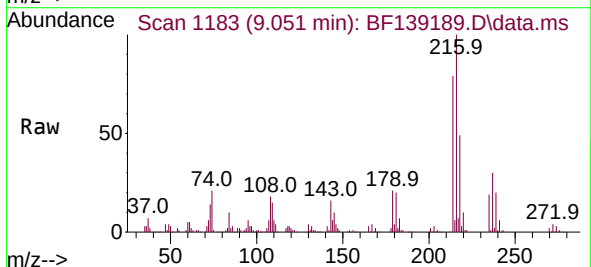
Manual Integrations

APPROVED

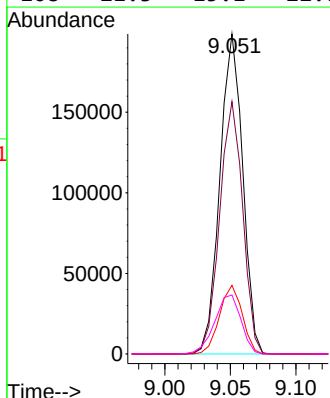
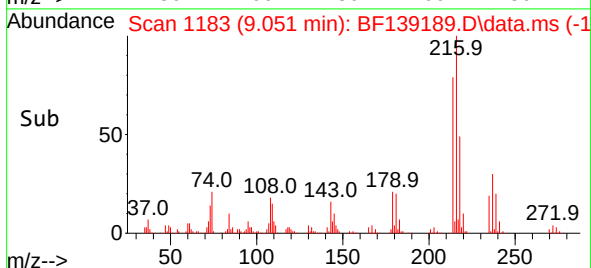
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

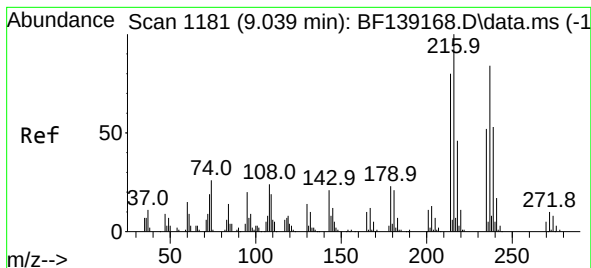


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.434 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:216 Resp: 240143
Ion Ratio Lower Upper
216 100
214 79.4 62.5 93.7
179 21.4 17.5 26.3
108 21.3 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 143.374 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

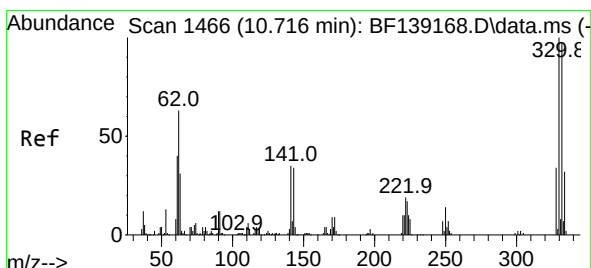
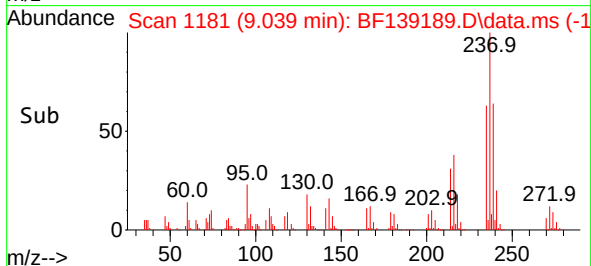
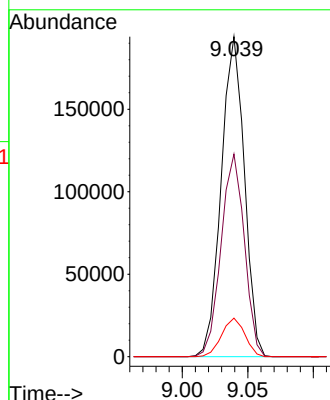
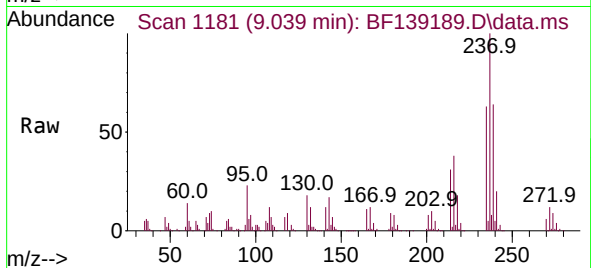
Tgt Ion:	237	Resp:	238094
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.1	82.1
272	12.1	0.0	32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#42

2,4,6-Tribromophenol

Concen: 116.840 ng

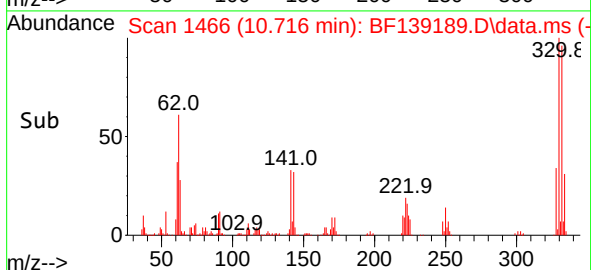
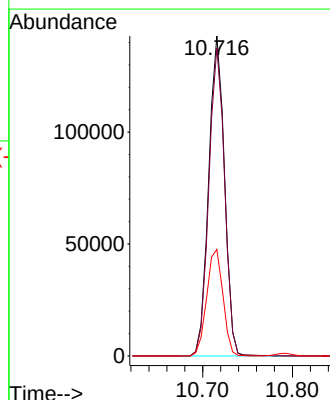
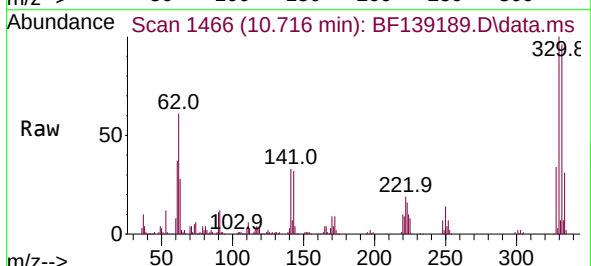
RT: 10.716 min Scan# 1466

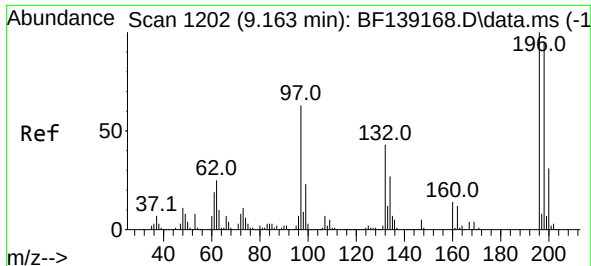
Delta R.T. -0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

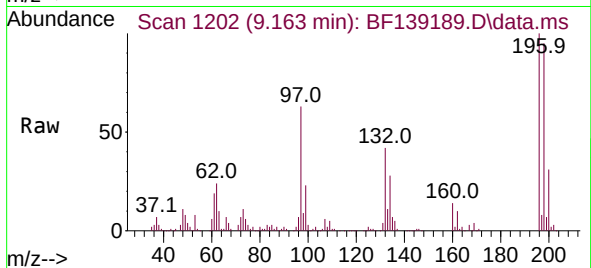
Tgt Ion:	330	Resp:	174477
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.3	115.9
141	34.3	28.8	43.2





#43
2,4,6-Trichlorophenol
Concen: 57.038 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

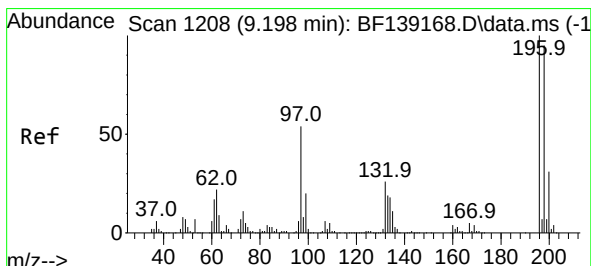
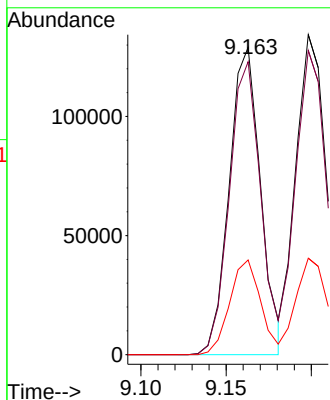
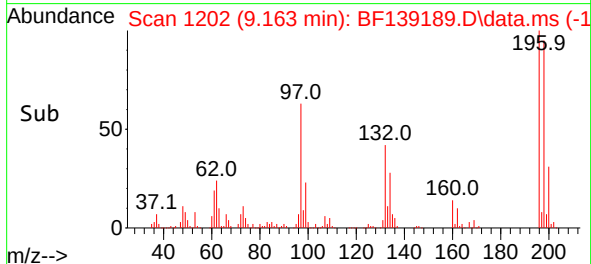
Instrument :
BNA_F
ClientSampleId :
UI-5MS



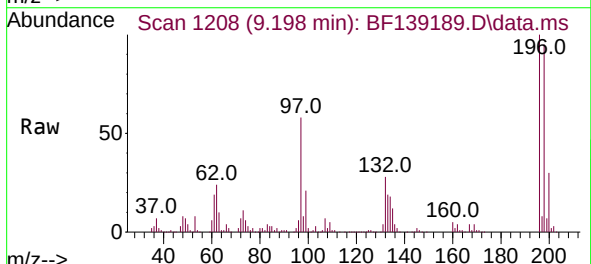
Tgt Ion:196 Resp: 164939
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.8
200 30.8 24.5 36.7

Manual Integrations
APPROVED

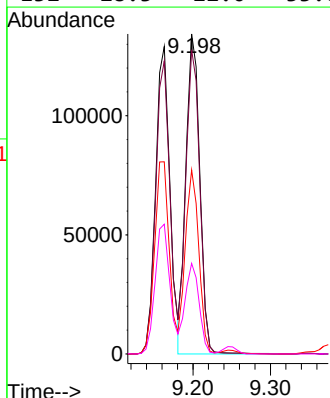
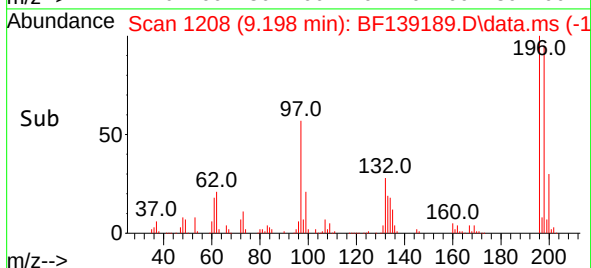
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

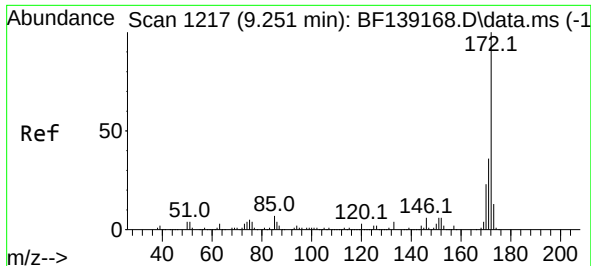


#44
2,4,5-Trichlorophenol
Concen: 55.406 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:196 Resp: 167943
Ion Ratio Lower Upper
196 100
198 95.1 75.7 113.5
97 57.5 44.9 67.3
132 28.3 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 68.334 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion:172 Resp: 76702

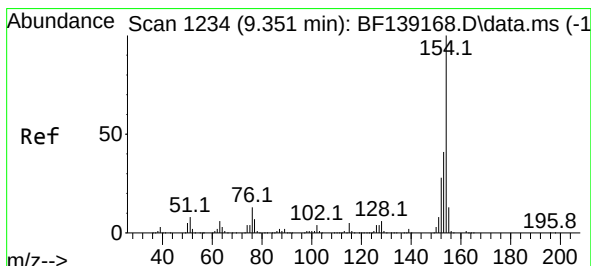
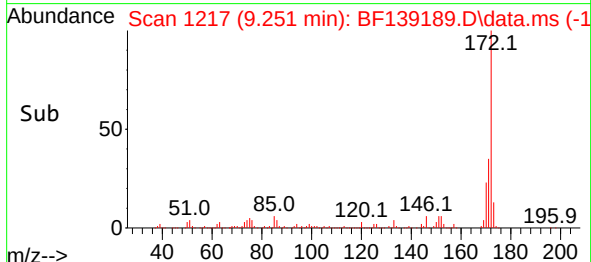
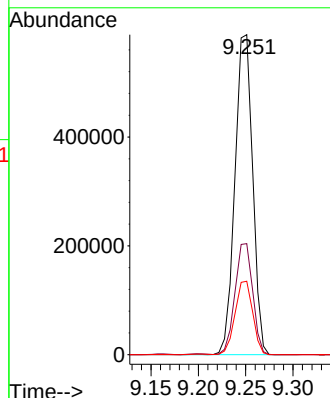
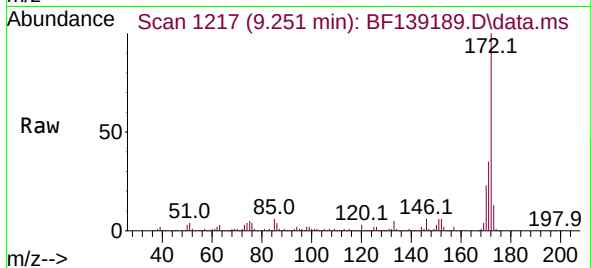
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.9	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#46

1,1'-Biphenyl

Concen: 47.330 ng

RT: 9.351 min Scan# 1234

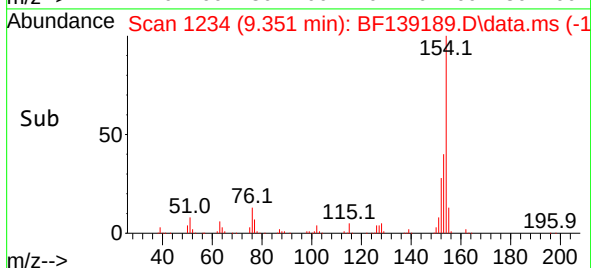
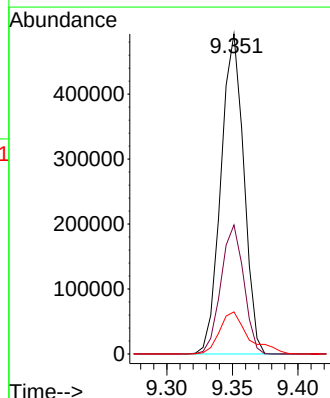
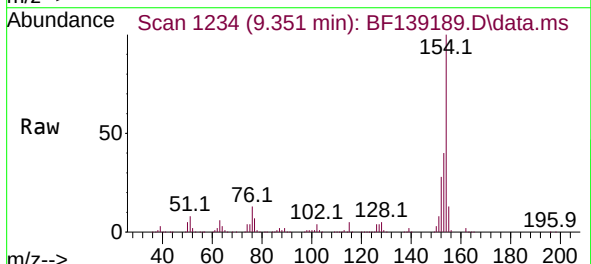
Delta R.T. 0.000 min

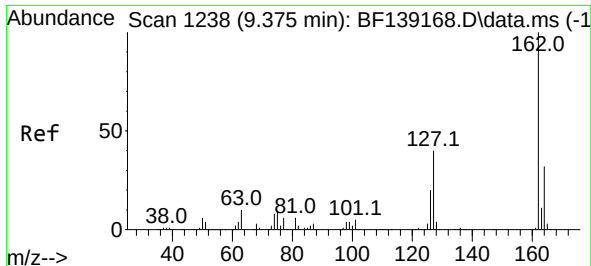
Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Tgt Ion:154 Resp: 597329

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	13.2	0.0	33.4





#47

2-Chloronaphthalene

Concen: 46.024 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion:162 Resp: 463399

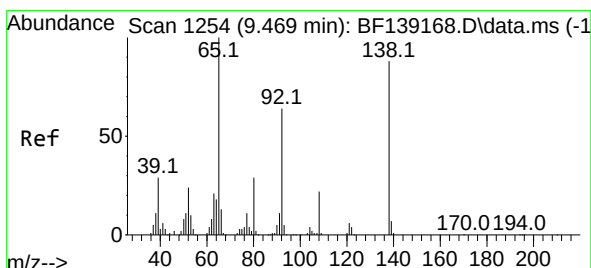
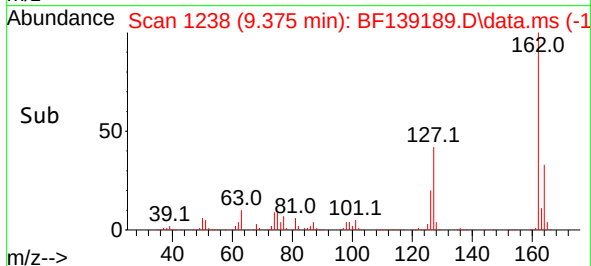
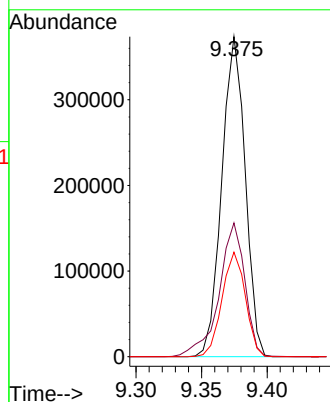
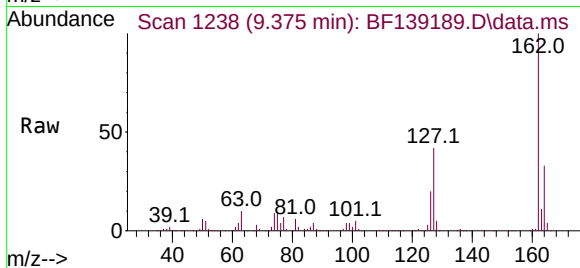
Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.4	48.6
164	32.6	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#48

2-Nitroaniline

Concen: 52.863 ng

RT: 9.469 min Scan# 1254

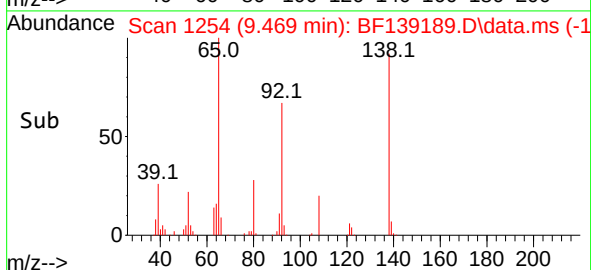
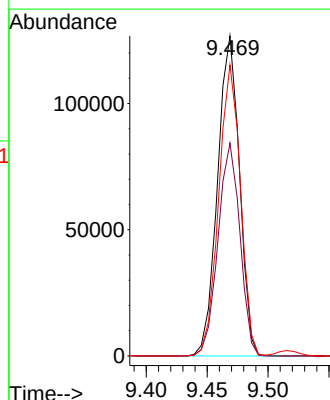
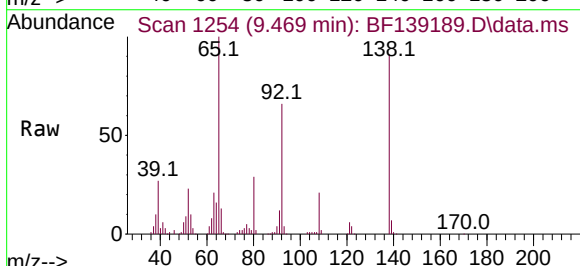
Delta R.T. -0.000 min

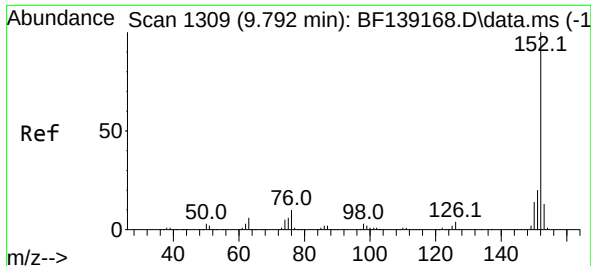
Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Tgt Ion: 65 Resp: 158653

Ion	Ratio	Lower	Upper
65	100		
92	66.5	51.2	76.8
138	90.9	70.0	105.0





#49

Acenaphthylene

Concen: 50.998 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF139189.D

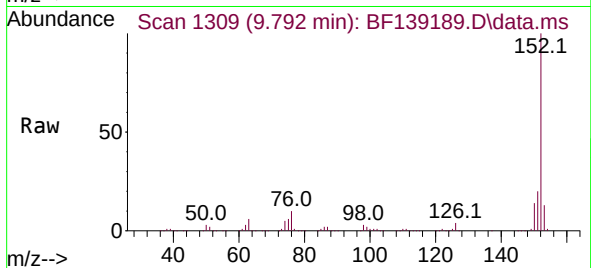
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS



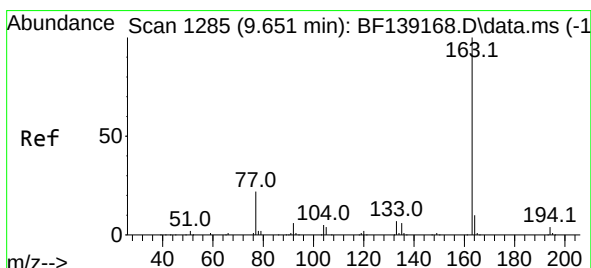
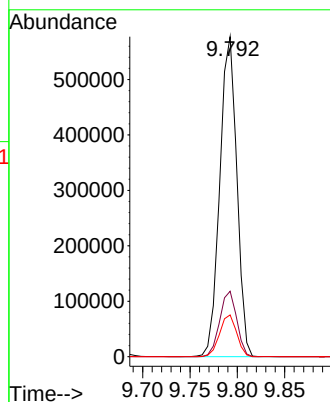
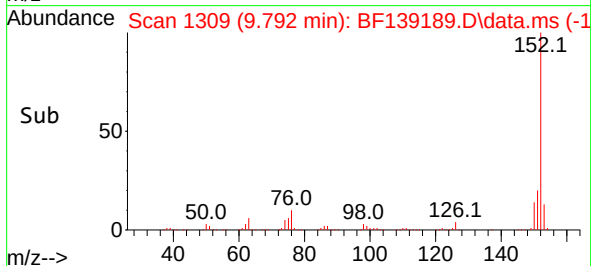
Tgt Ion:	152	Resp:	723518
Ion Ratio	100	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#50

Dimethylphthalate

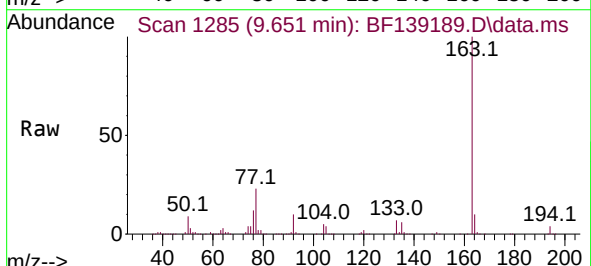
Concen: 55.241 ng

RT: 9.651 min Scan# 1285

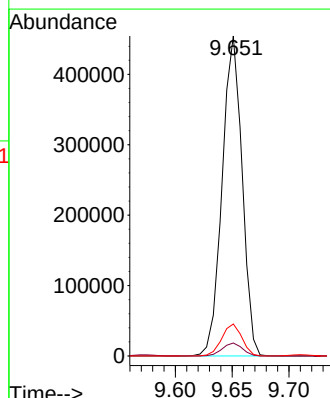
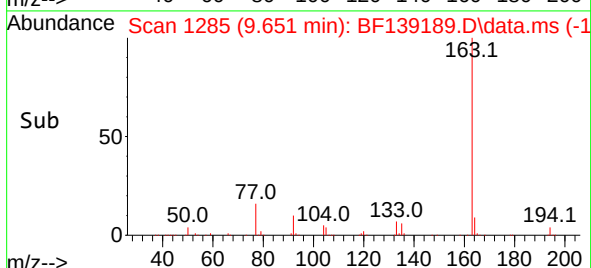
Delta R.T. 0.000 min

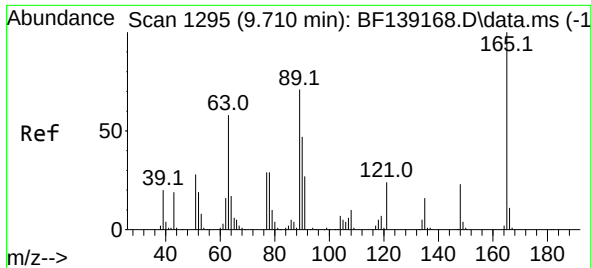
Lab File: BF139189.D

Acq: 27 Aug 2024 16:18



Tgt Ion:	163	Resp:	556395
Ion Ratio	100	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.1	12.1





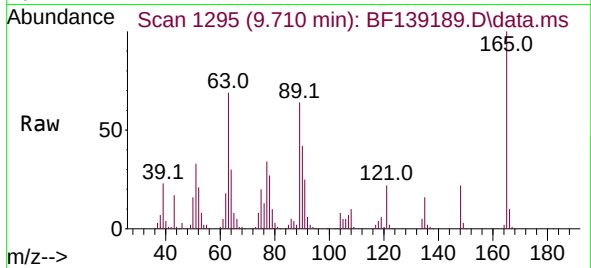
#51
2,6-Dinitrotoluene
Concen: 52.824 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS



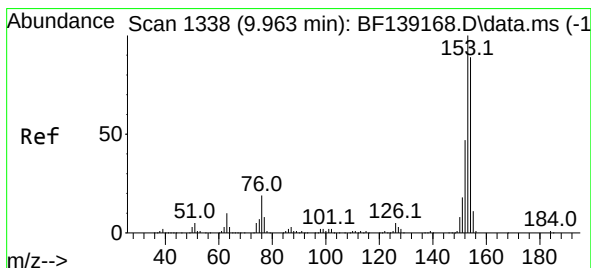
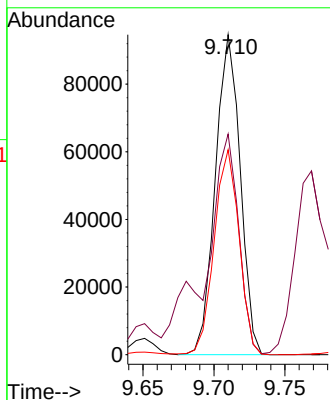
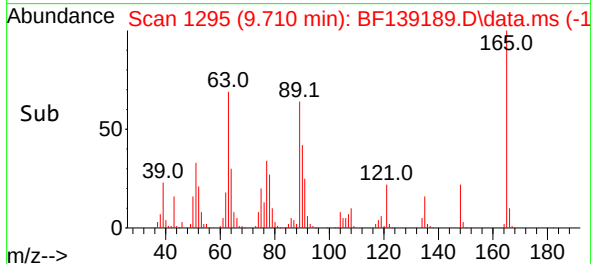
Tgt Ion:165 Resp: 115138
Ion Ratio Lower Upper
165 100
63 69.0 60.1 90.1
89 64.1 57.0 85.6

Manual Integrations

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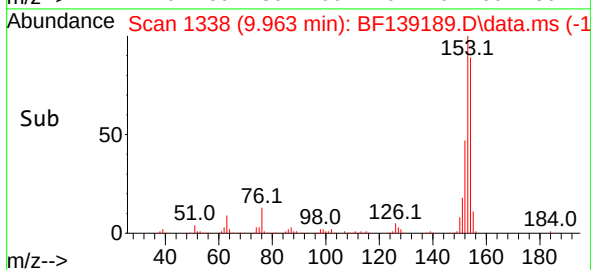
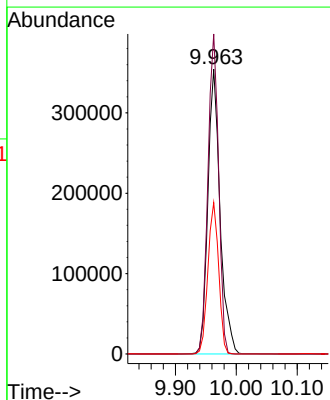
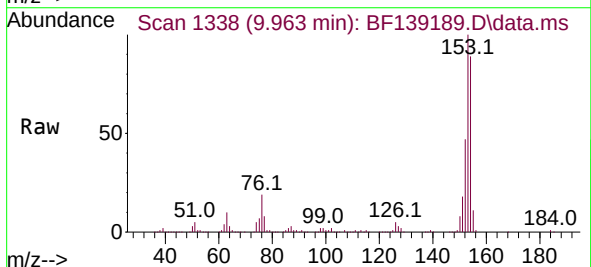
Reviewed By :Yogesh Patel 08/28/2024

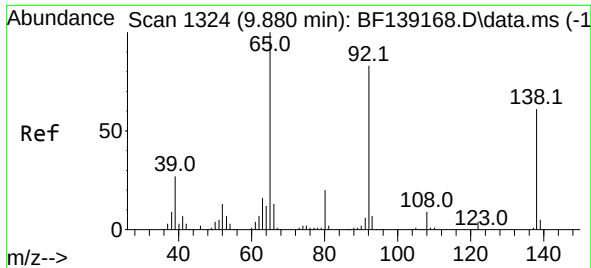
Supervised By :mohammad ahmed 08/28/2024



#52
Acenaphthene
Concen: 53.085 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:154 Resp: 494744
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 53.1 42.4 63.6





#53
3-Nitroaniline
Concen: 37.561 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

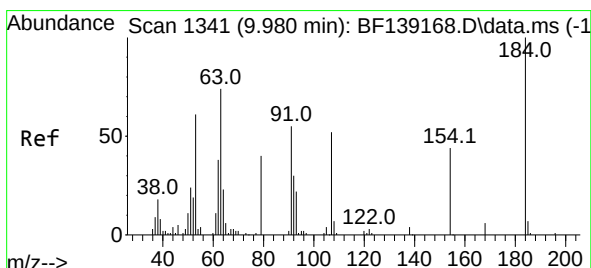
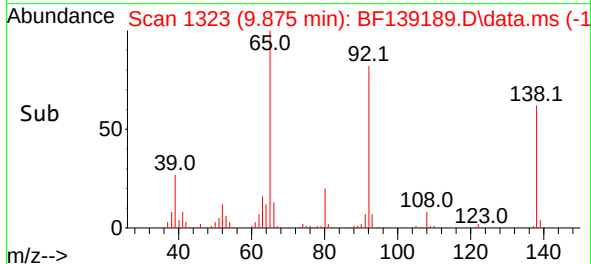
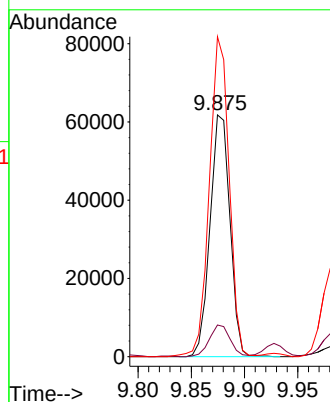
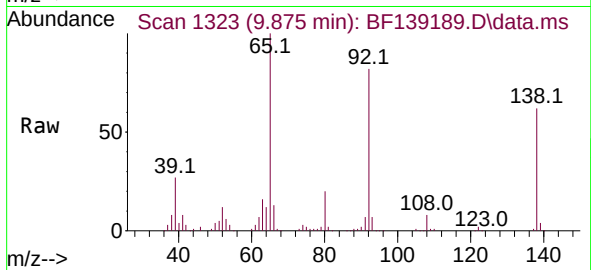
UI-5MS

Tgt Ion:138 Resp: 80238
Ion Ratio Lower Upper
138 100
108 13.1 11.8 17.6
92 132.3 108.2 162.2

Manual Integrations

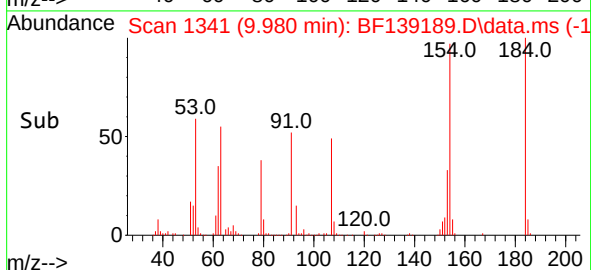
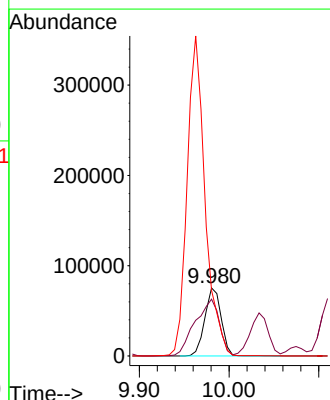
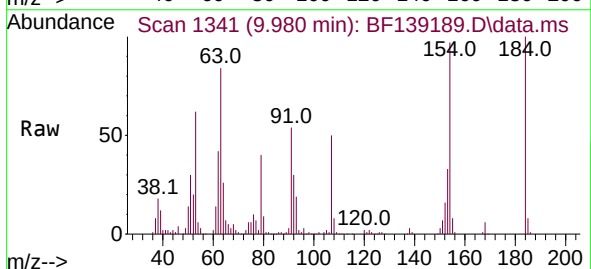
APPROVED

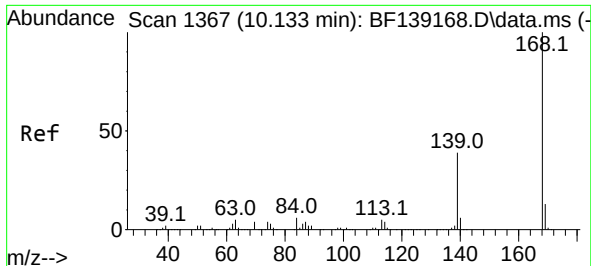
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#54
2,4-Dinitrophenol
Concen: 87.934 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

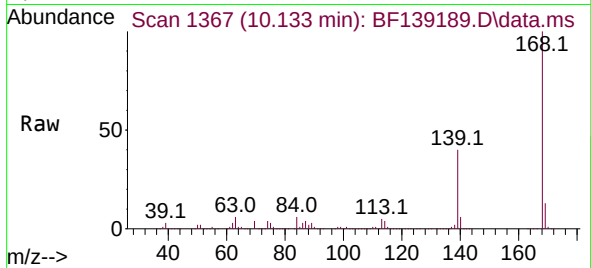
Tgt Ion:184 Resp: 95124
Ion Ratio Lower Upper
184 100
63 83.6 72.1 108.1
154 96.5 135.3 202.9#





#55
Dibenzenofuran
Concen: 48.574 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

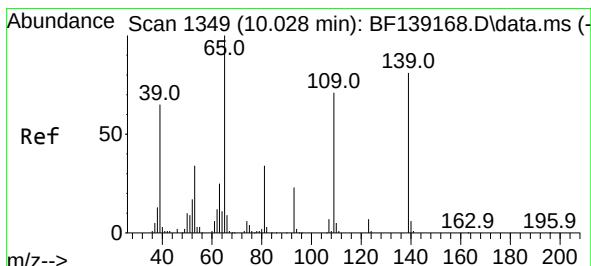
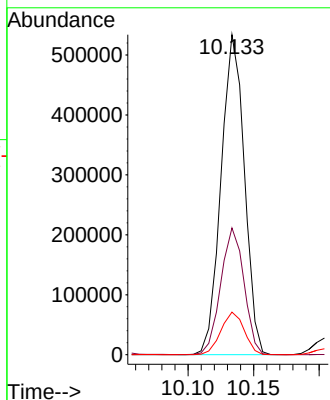
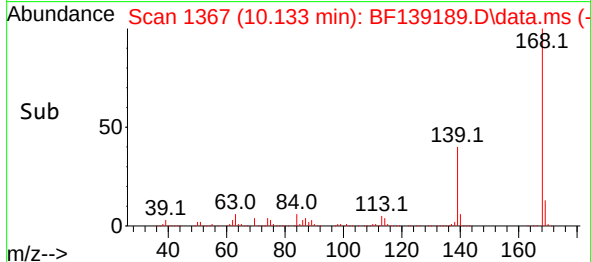
Instrument :
BNA_F
ClientSampleId :
UI-5MS



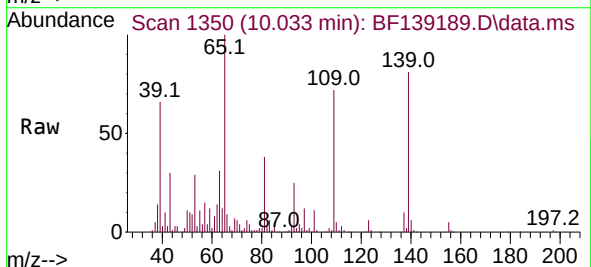
Tgt Ion:168 Resp: 66069
Ion Ratio Lower Upper
168 100
139 39.6 31.5 47.3
169 13.3 10.7 16.1

Manual Integrations
APPROVED

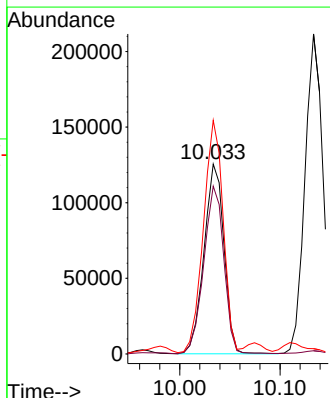
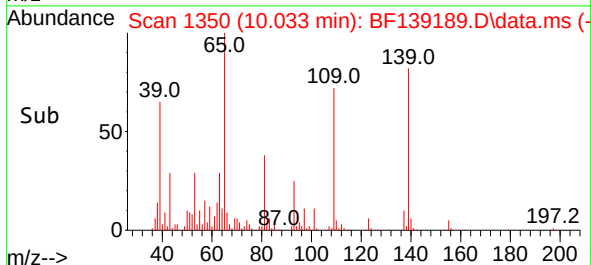
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

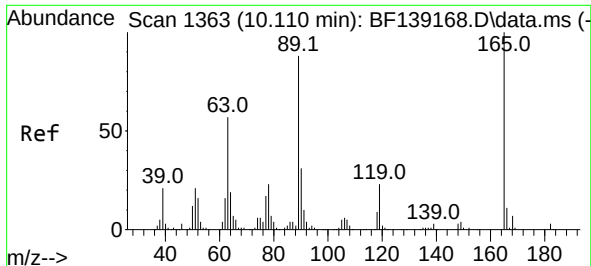


#56
4-Nitrophenol
Concen: 93.906 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:139 Resp: 174500
Ion Ratio Lower Upper
139 100
109 88.3 68.2 108.2
65 123.0 104.7 144.7





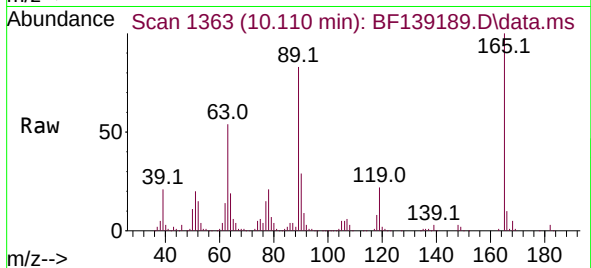
#57
2,4-Dinitrotoluene
Concen: 54.465 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

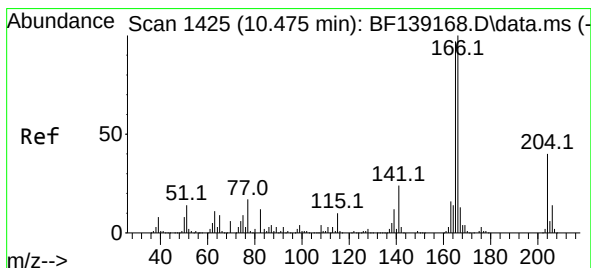
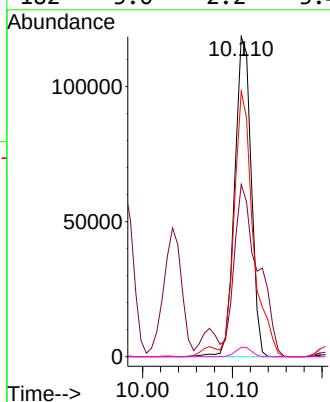
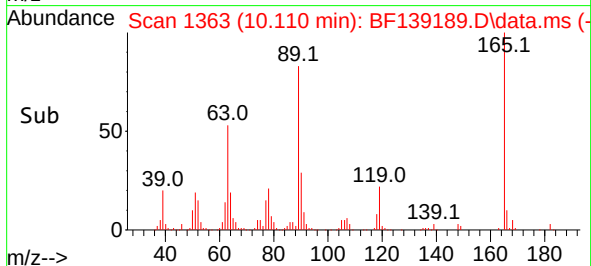


Tgt Ion:165 Resp: 151409
Ion Ratio Lower Upper
165 100
63 53.8 46.2 69.2
89 82.9 70.2 105.4
182 3.0 2.2 3.4

Manual Integrations

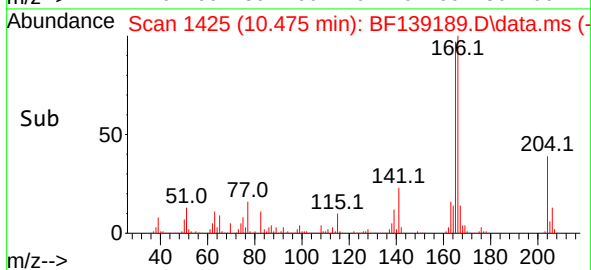
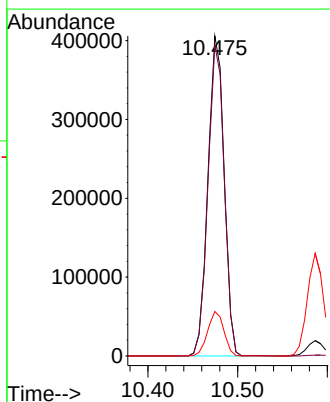
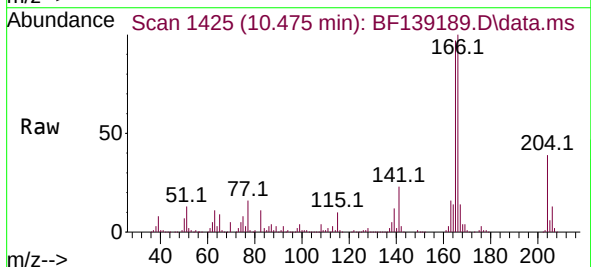
APPROVED

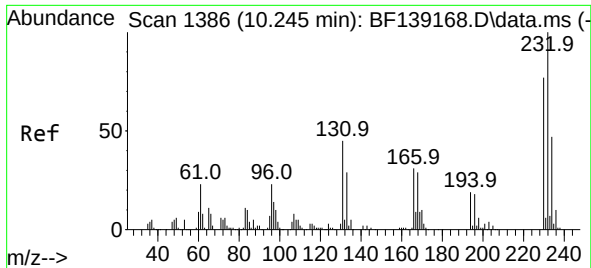
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#58
Fluorene
Concen: 47.525 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

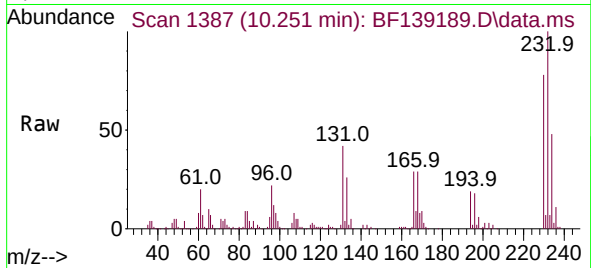
Tgt Ion:166 Resp: 509987
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.8
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.183 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

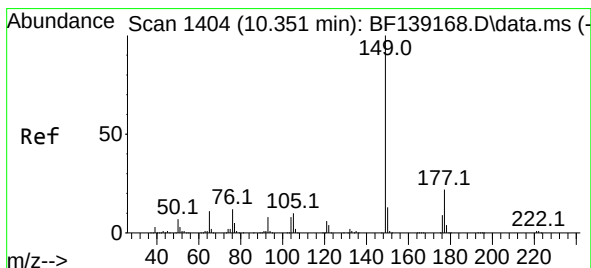
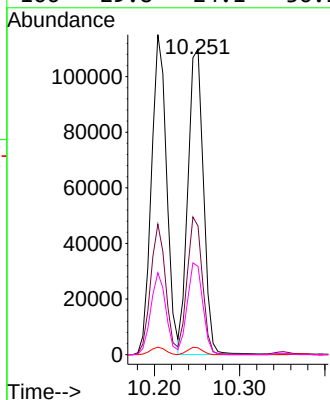
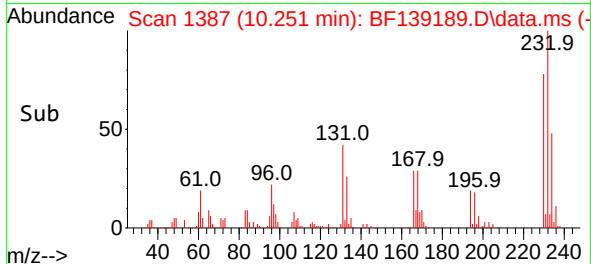
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:232 Resp: 138918
Ion Ratio Lower Upper
232 100
131 44.0 34.9 52.3
130 2.3 1.9 2.9
166 29.8 24.1 36.1

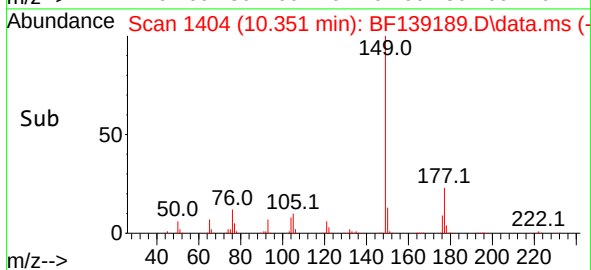
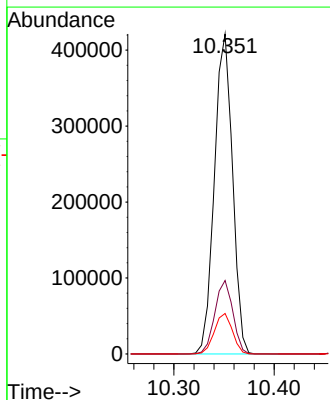
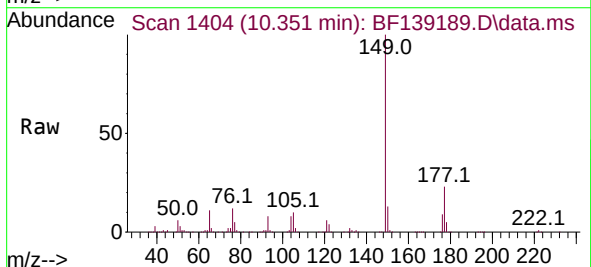
Manual Integrations
APPROVED

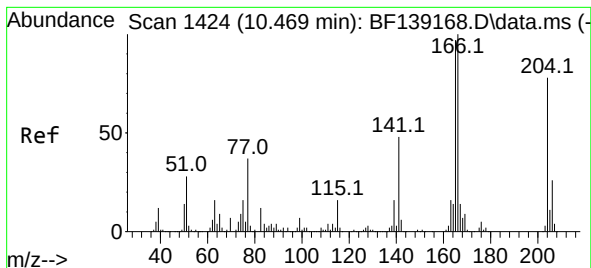
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#60
Diethylphthalate
Concen: 55.638 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

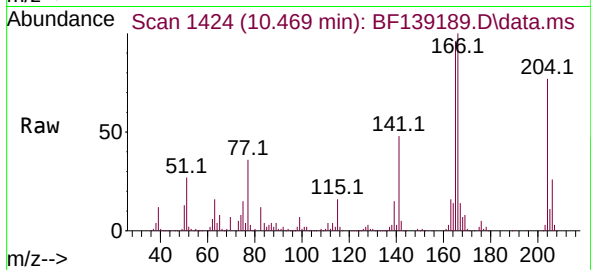
Tgt Ion:149 Resp: 527706
Ion Ratio Lower Upper
149 100
177 22.9 18.0 27.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.222 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

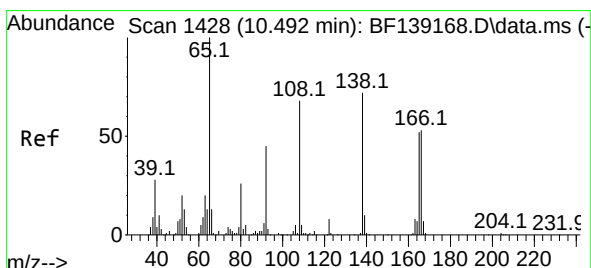
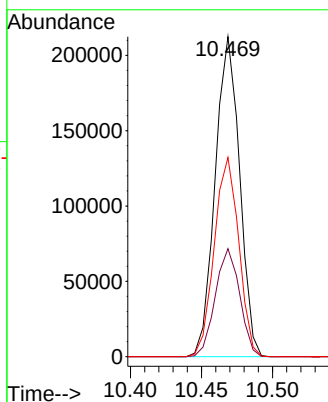
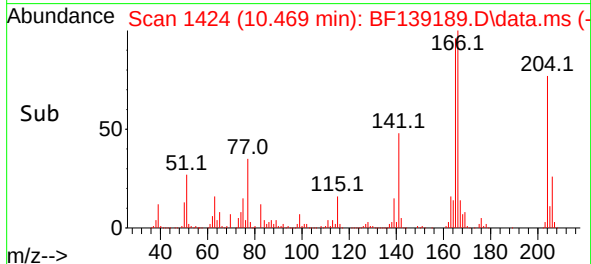
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:204 Resp: 253950
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 62.2 49.6 74.4

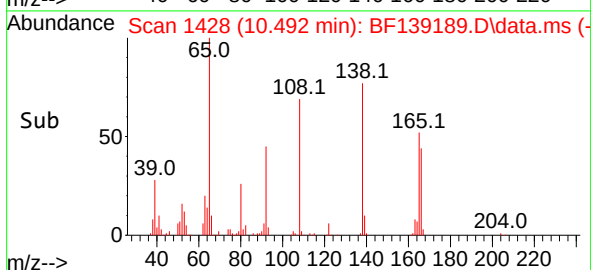
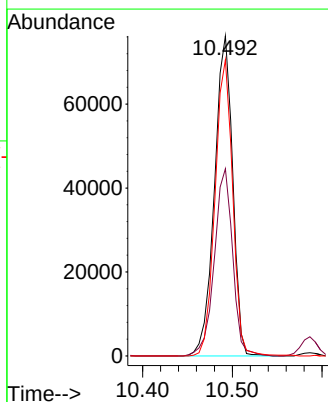
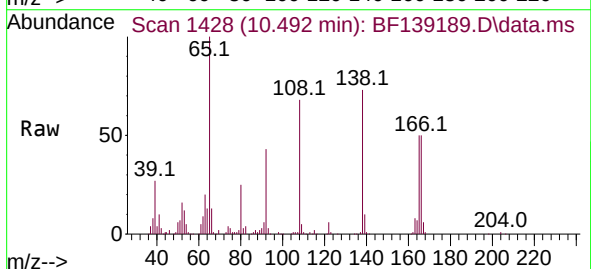
Manual Integrations
APPROVED

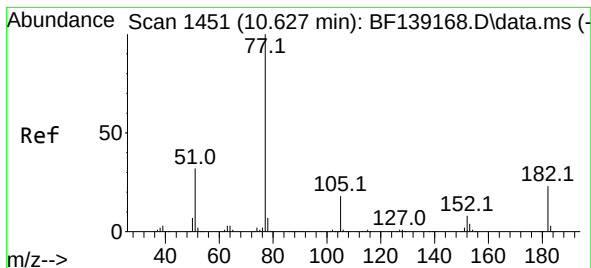
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#62
4-Nitroaniline
Concen: 48.338 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

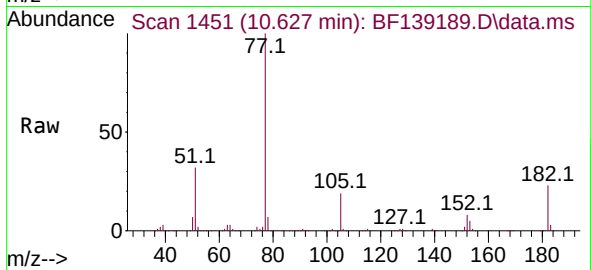
Tgt Ion:138 Resp: 107361
Ion Ratio Lower Upper
138 100
92 58.5 42.4 82.4
108 92.6 74.0 114.0





#63
Azobenzene
Concen: 49.137 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

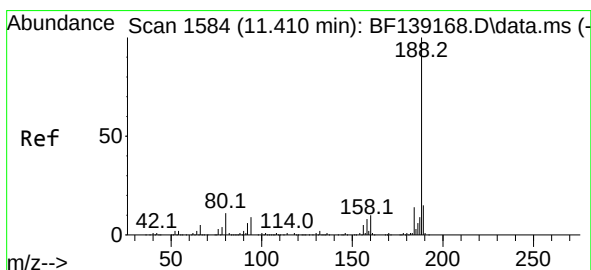
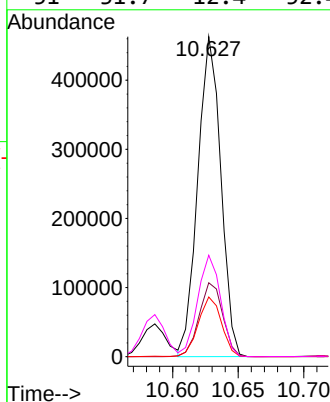
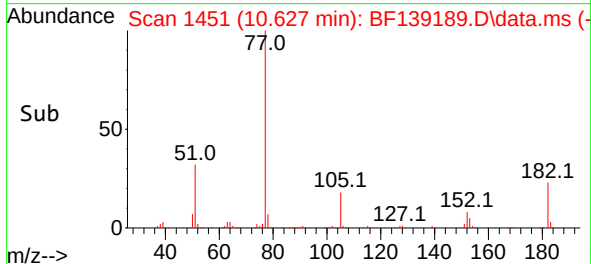
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion: 77 Resp: 56655
Ion Ratio Lower Upper
77 100
182 23.1 2.4 42.4
105 18.7 0.0 38.2
51 31.7 12.4 52.4

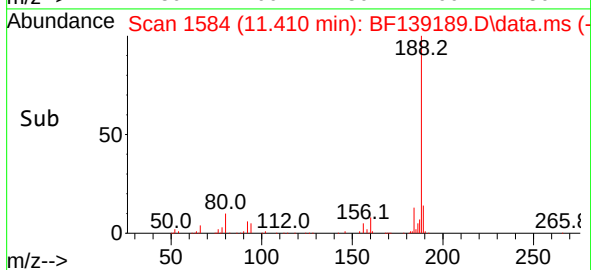
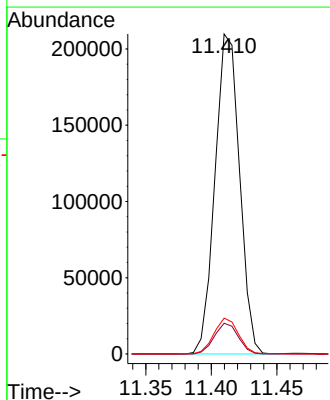
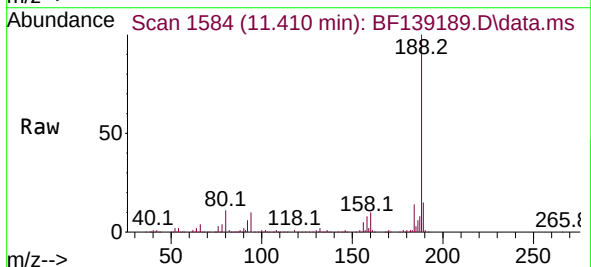
Manual Integrations
APPROVED

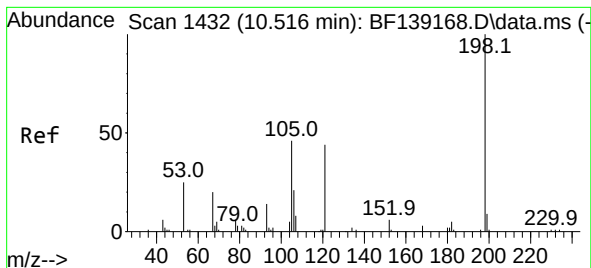
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Tgt Ion:188 Resp: 273027
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 11.2 8.9 13.3





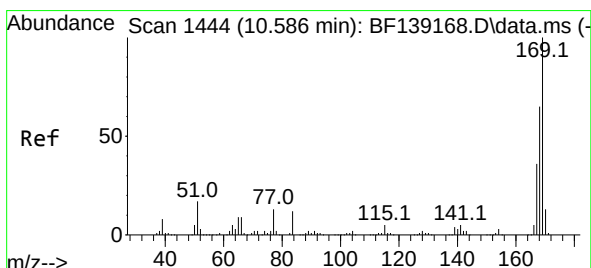
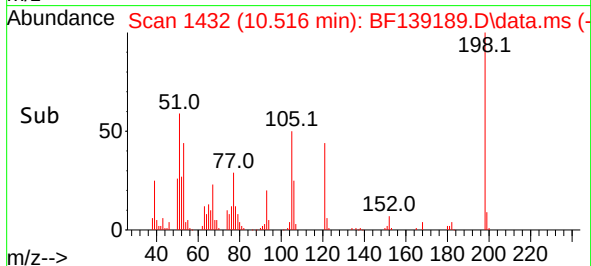
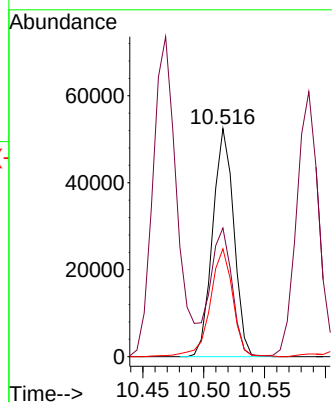
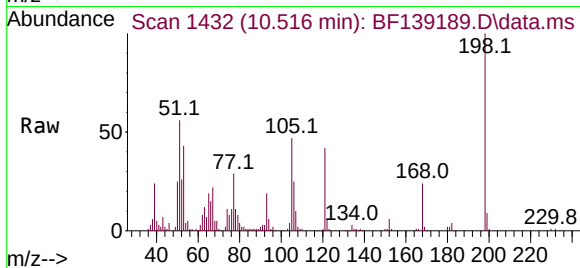
#65
4,6-Dinitro-2-methylphenol
Concen: 56.558 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion:198 Resp: 63188
Ion Ratio Lower Upper
198 100
51 56.4 39.2 79.2
105 47.3 29.3 69.3

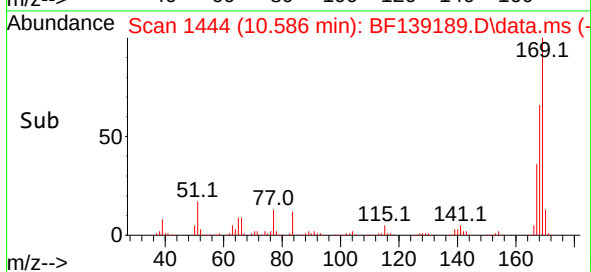
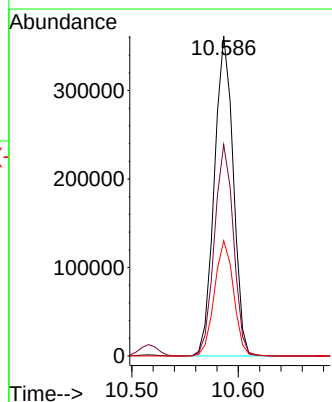
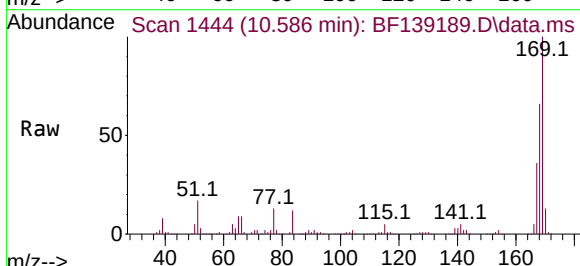
Manual Integrations
APPROVED

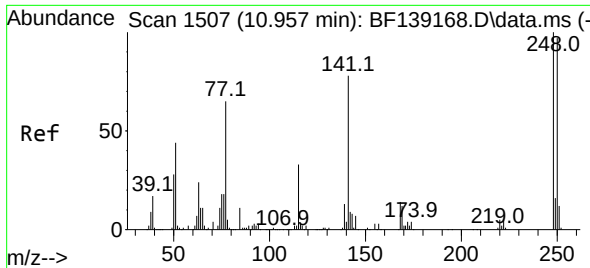
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#66
n-Nitrosodiphenylamine
Concen: 55.043 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

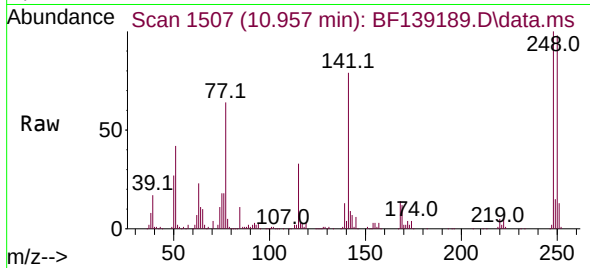
Tgt Ion:169 Resp: 445076
Ion Ratio Lower Upper
169 100
168 66.0 52.3 78.5
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 52.540 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

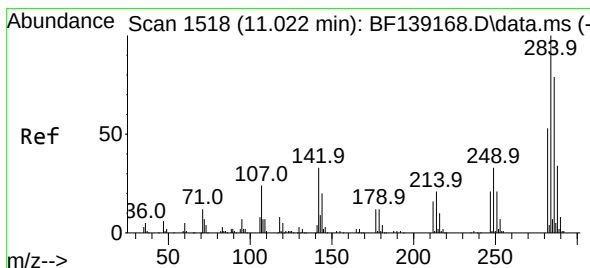
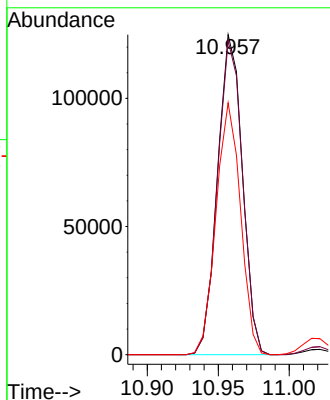
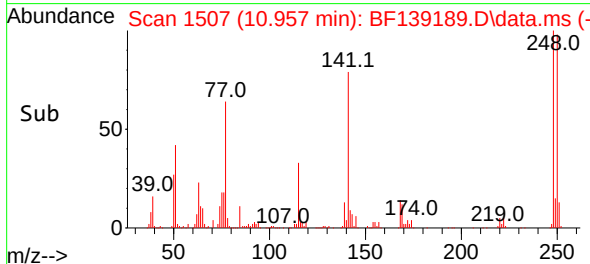
Instrument :
BNA_F
ClientSampleId :
UI-5MS



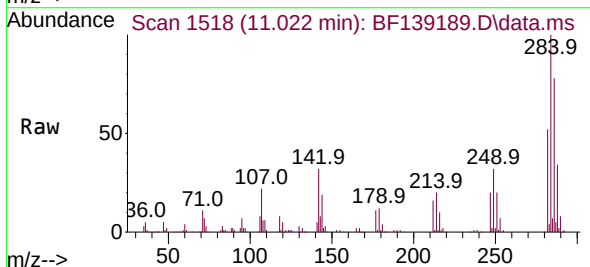
Tgt Ion:248 Resp: 152410
Ion Ratio Lower Upper
248 100
250 98.1 78.0 117.0
141 78.7 62.6 94.0

Manual Integrations
APPROVED

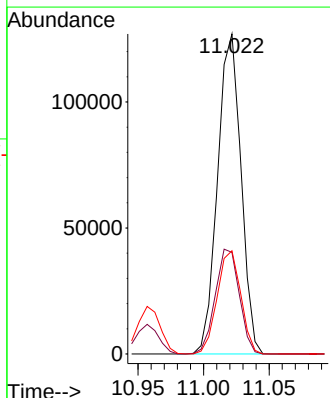
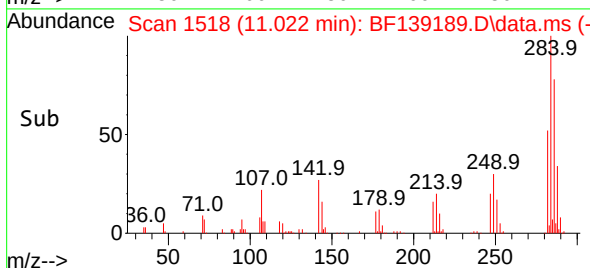
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

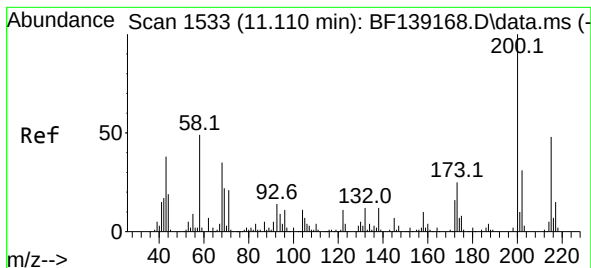


#68
Hexachlorobenzene
Concen: 50.160 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:284 Resp: 157476
Ion Ratio Lower Upper
284 100
142 31.7 26.6 40.0
249 32.2 26.5 39.7





#69

Atrazine

Concen: 83.776 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion:200 Resp: 14775

Ion Ratio Lower Upper

200 100

173 25.5 4.7 44.7

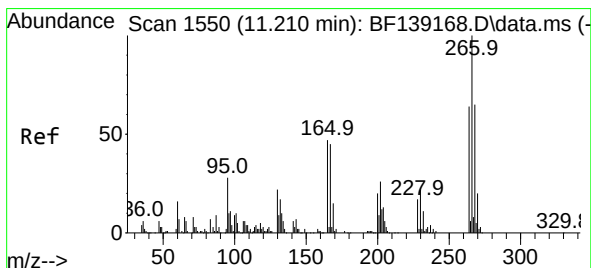
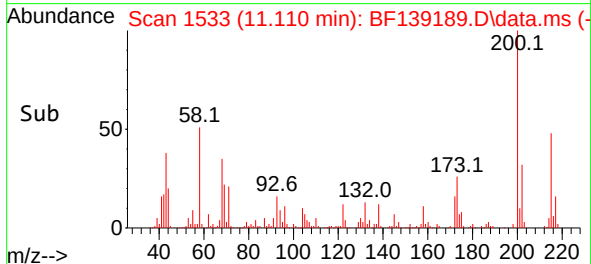
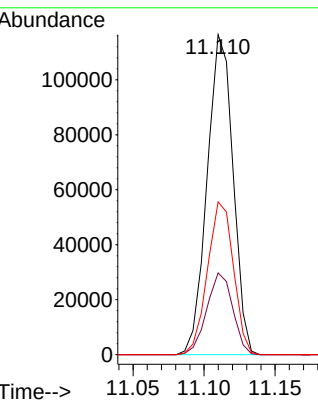
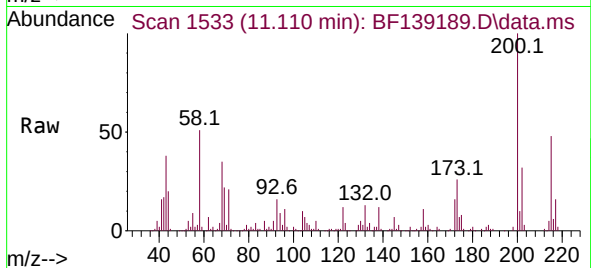
215 47.8 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#70

Pentachlorophenol

Concen: 101.512 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

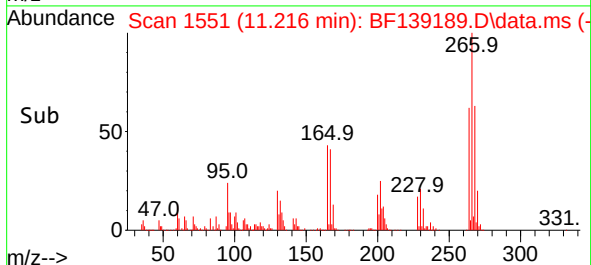
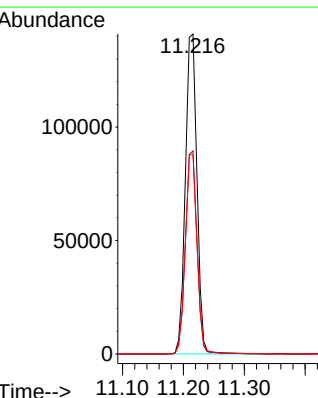
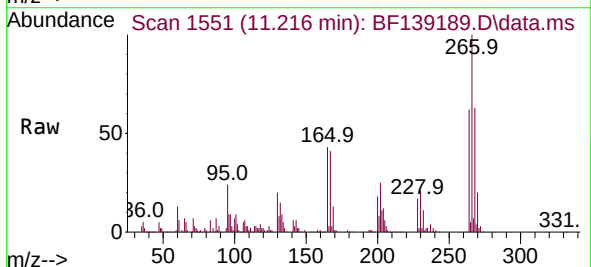
Tgt Ion:266 Resp: 187109

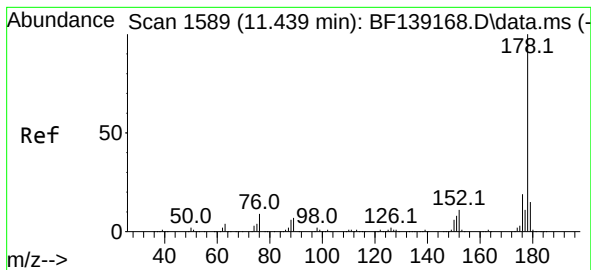
Ion Ratio Lower Upper

266 100

268 63.4 51.8 77.8

264 62.2 51.0 76.6





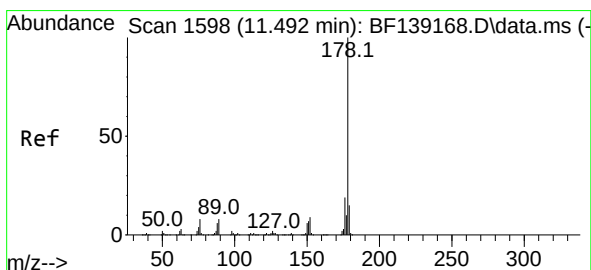
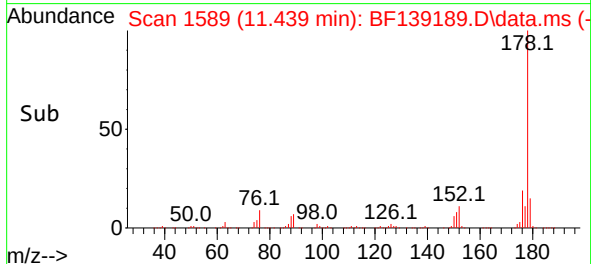
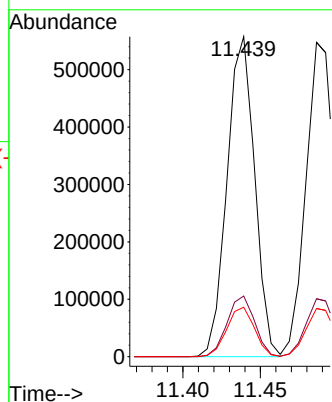
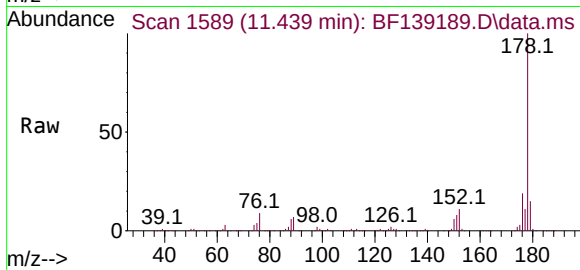
#71
Phenanthrene
Concen: 50.130 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

Instrument :
BNA_F
ClientSampleId :
UI-5MS

Tgt Ion:178 Resp: 691630
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.4

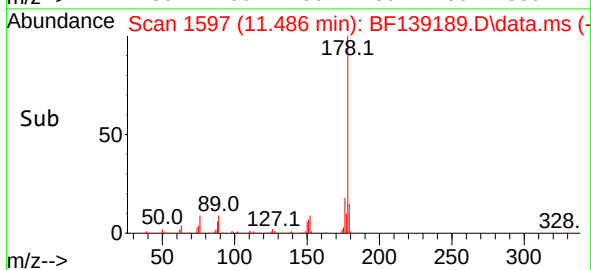
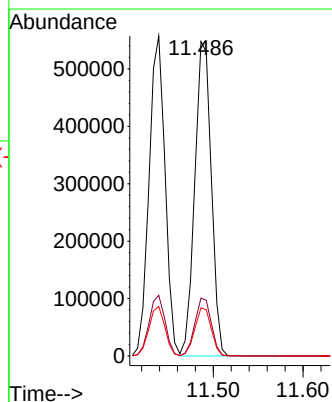
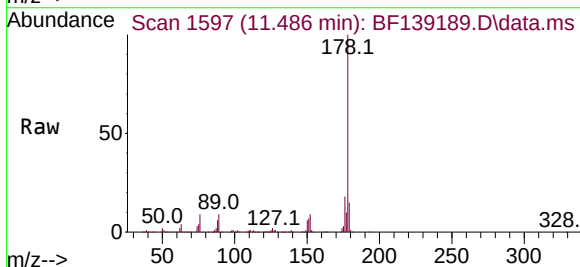
Manual Integrations
APPROVED

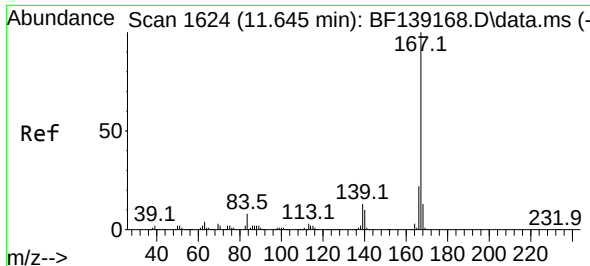
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#72
Anthracene
Concen: 52.062 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

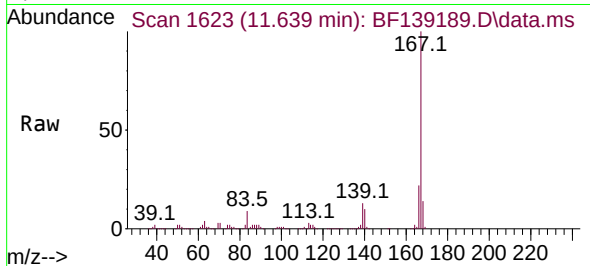
Tgt Ion:178 Resp: 700190
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 47.361 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18

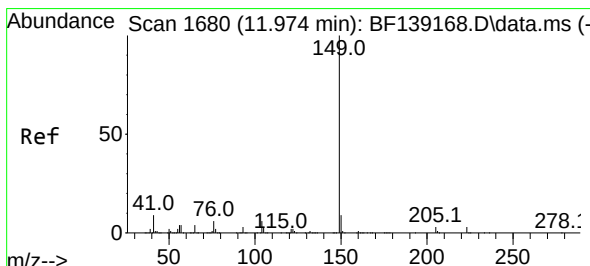
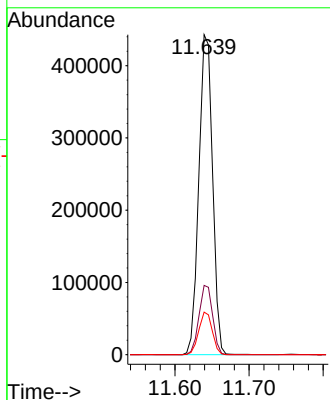
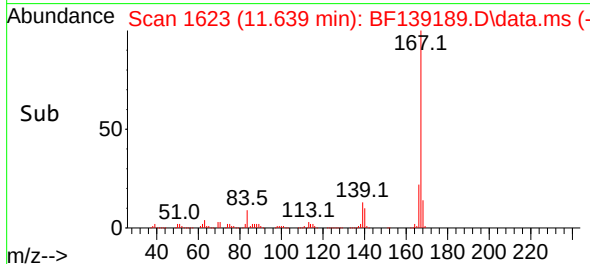
Instrument :
 BNA_F
 ClientSampleId :
 UI-5MS



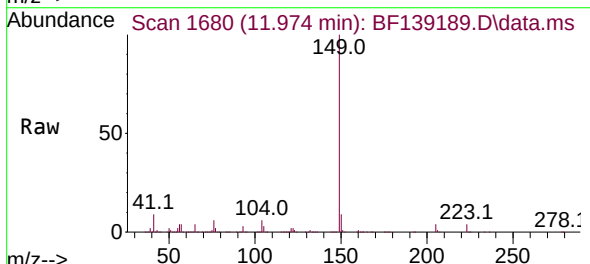
Tgt Ion:167 Resp: 56980
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.3 10.3 15.5

Manual Integrations
 APPROVED

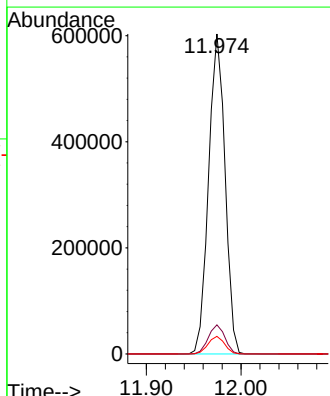
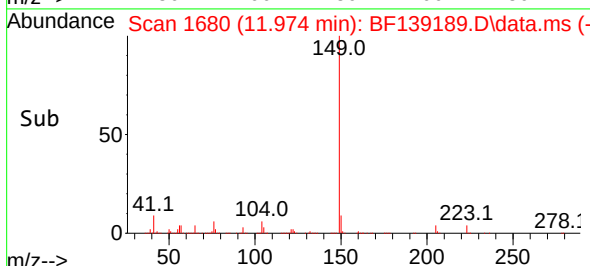
Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

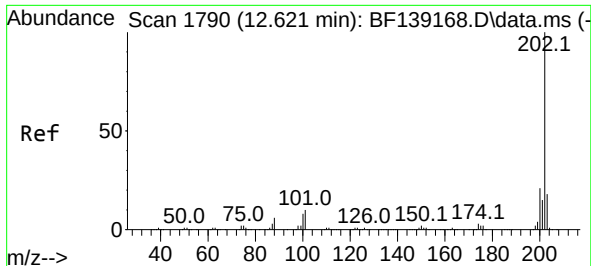


#74
 Di-n-butylphthalate
 Concen: 69.696 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18



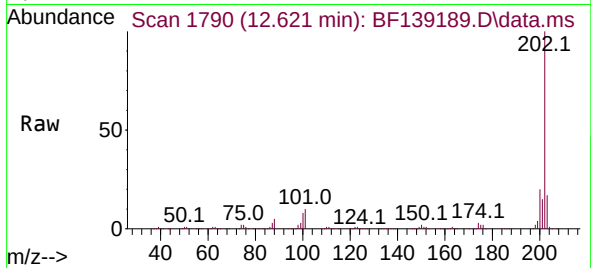
Tgt Ion:149 Resp: 726745
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 44.686 ng
RT: 12.621 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

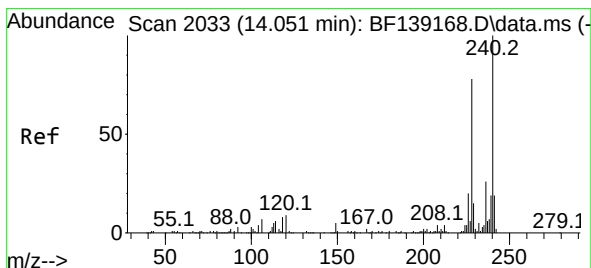
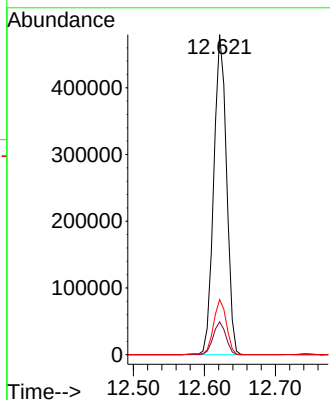
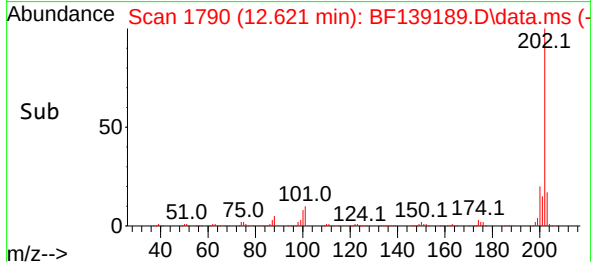
Instrument :
BNA_F
ClientSampleId :
UI-5MS



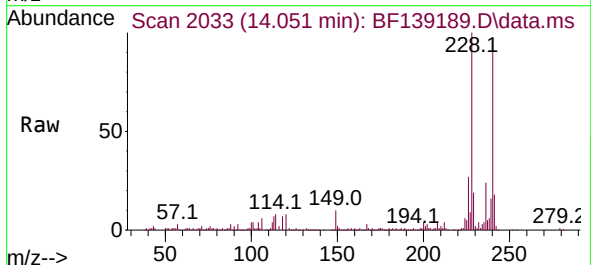
Tgt Ion:202 Resp: 598309
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.1
203 17.2 0.0 37.6

Manual Integrations
APPROVED

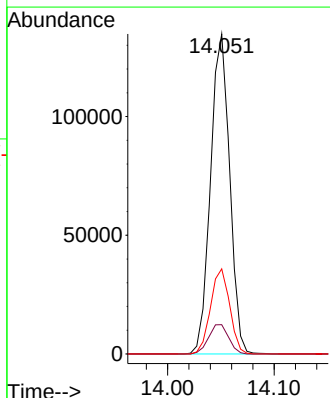
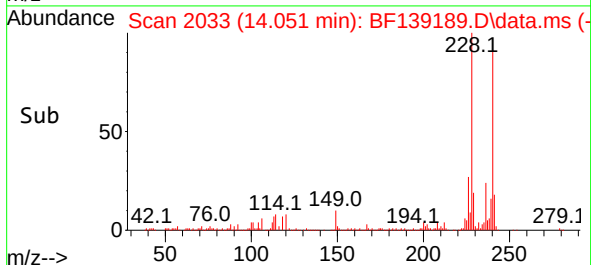
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

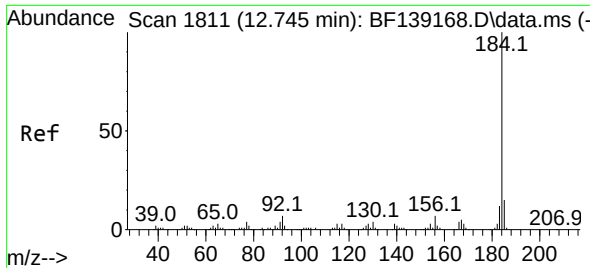


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



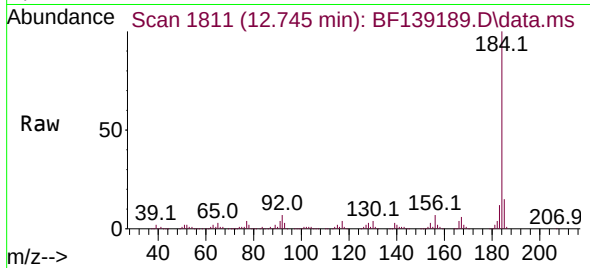
Tgt Ion:240 Resp: 167794
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 26.6 20.9 31.3





#77
Benzidine
Concen: 87.632 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

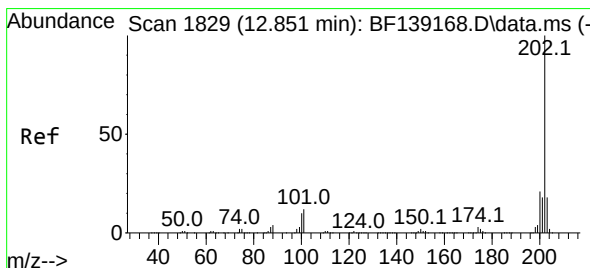
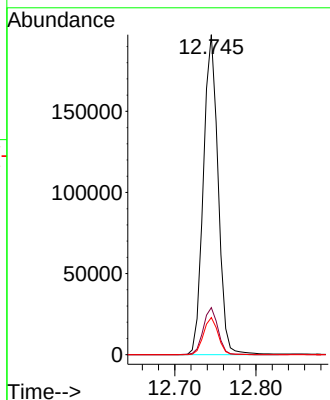
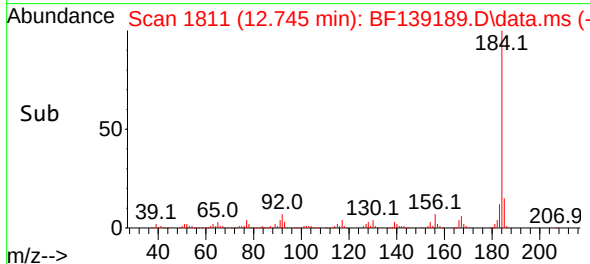
Instrument :
BNA_F
ClientSampleId :
UI-5MS



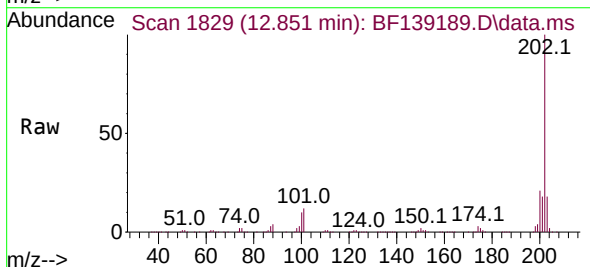
Tgt Ion:184 Resp: 24812
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 11.6 9.4 14.0

Manual Integrations
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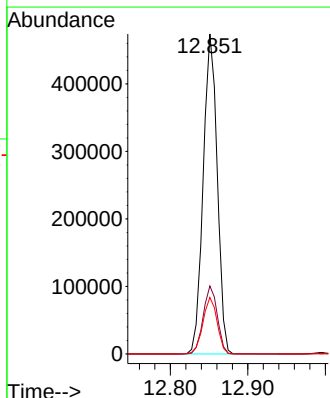
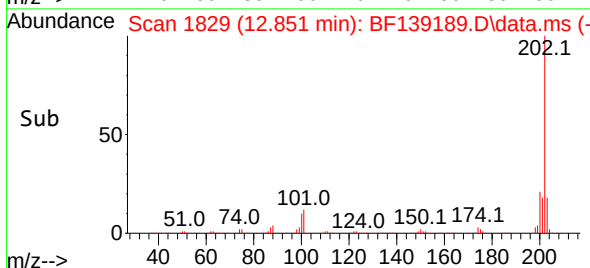
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

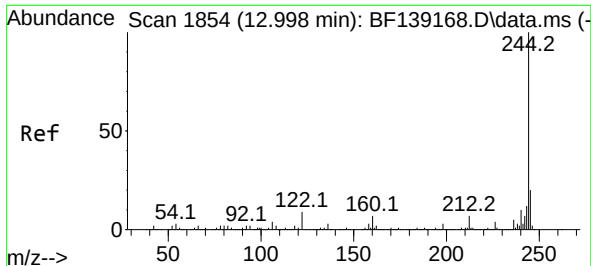


#78
Pyrene
Concen: 37.797 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



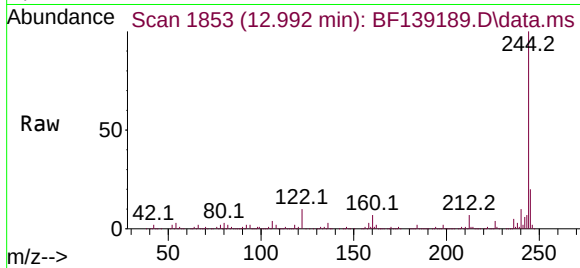
Tgt Ion:202 Resp: 595731
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 60.941 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18

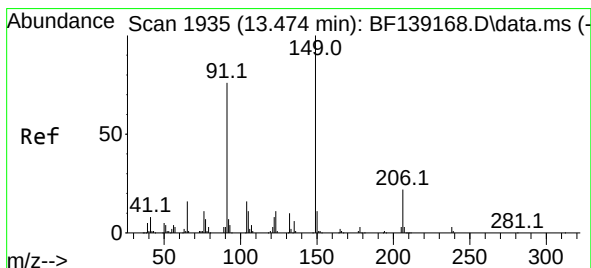
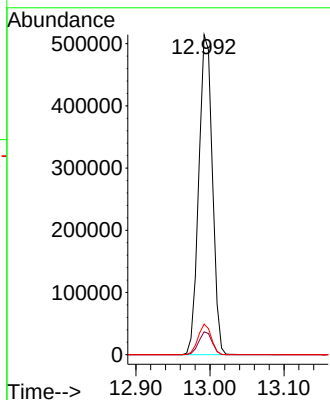
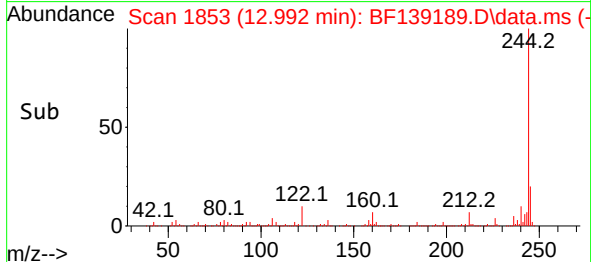
Instrument :
 BNA_F
 ClientSampleId :
 UI-5MS



Tgt Ion:244 Resp: 655348
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.6 7.6 11.4

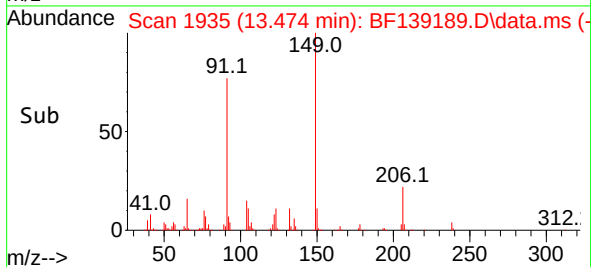
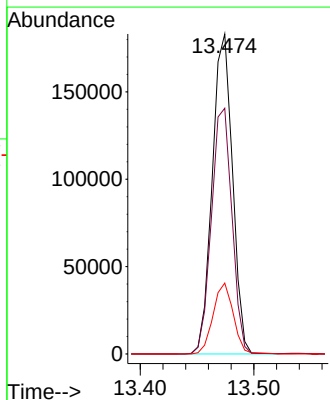
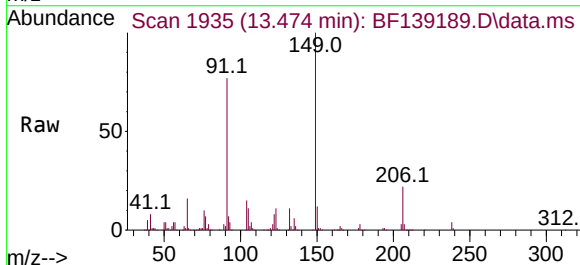
Manual Integrations
 APPROVED

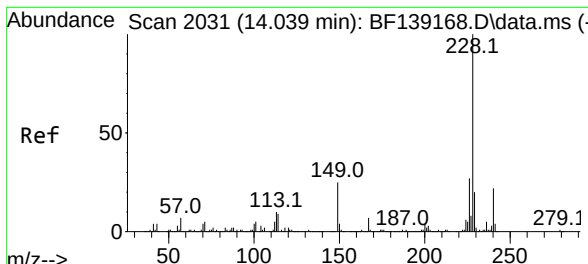
Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024



#80
 Butylbenzylphthalate
 Concen: 67.960 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18

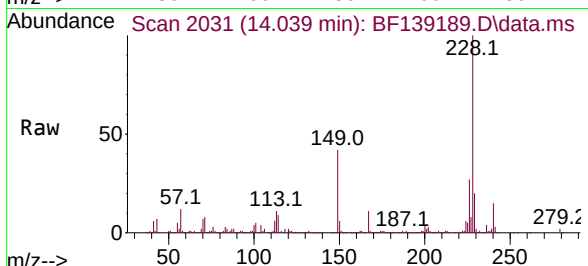
Tgt Ion:149 Resp: 226706
 Ion Ratio Lower Upper
 149 100
 91 76.8 60.9 91.3
 206 22.2 17.7 26.5





#81
 Benzo(a)anthracene
 Concen: 50.019 ng
 RT: 14.039 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18

Instrument : BNA_F
 ClientSampleId : UI-5MS

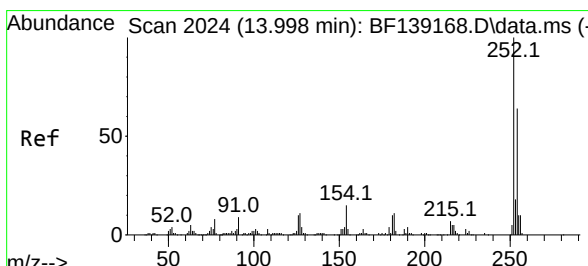
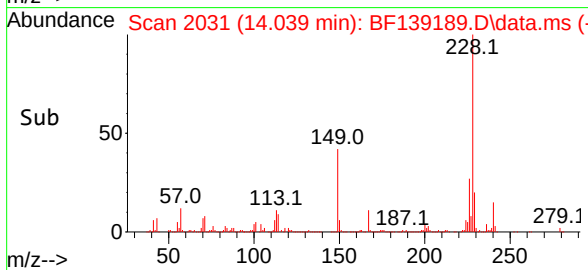
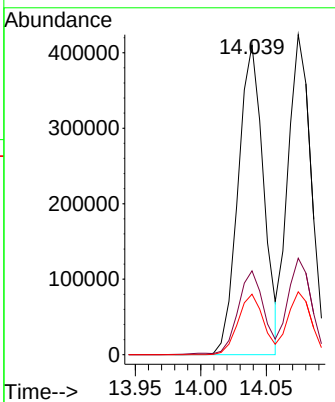


Tgt Ion:228 Resp: 556098

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.5	15.7	23.5

Manual Integrations
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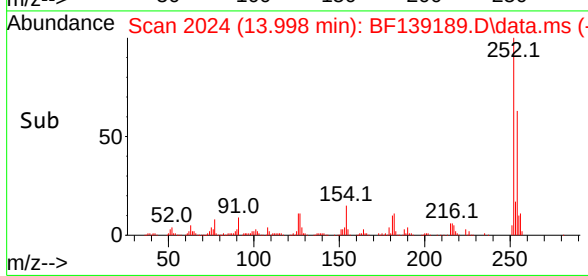
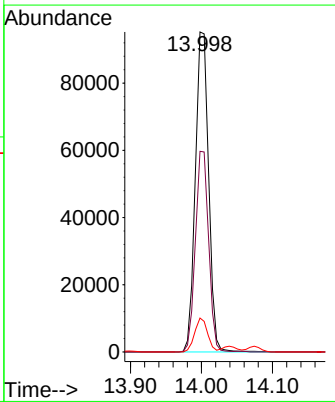
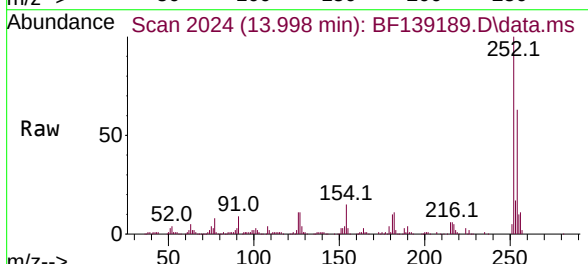
Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

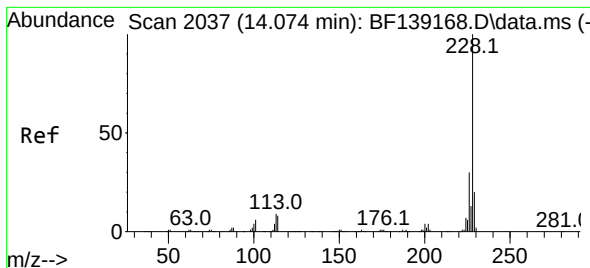


#82
 3,3'-Dichlorobenzidine
 Concen: 48.075 ng
 RT: 13.998 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: BF139189.D
 Acq: 27 Aug 2024 16:18

Tgt Ion:252 Resp: 124442

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.0
126	10.6	8.2	12.2





#83

Chrysene

Concen: 51.612 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

Instrument :

BNA_F

ClientSampleId :

UI-5MS

Tgt Ion:228 Resp: 51760

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

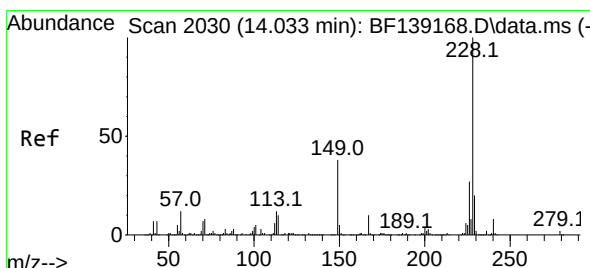
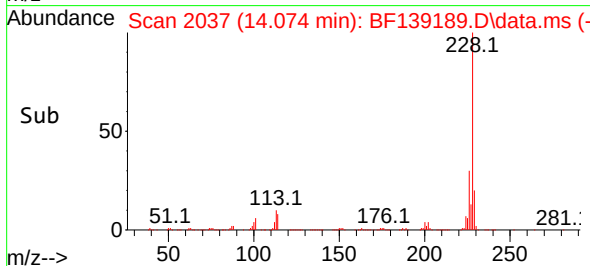
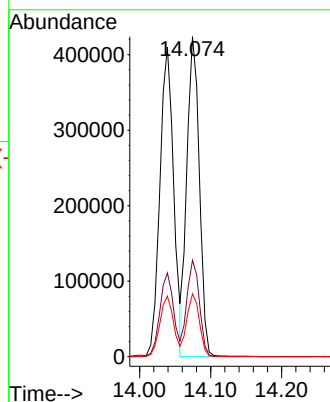
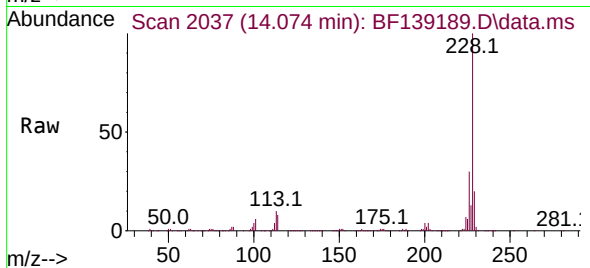
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/28/2024

Supervised By :mohammad ahmed 08/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.679 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139189.D

Acq: 27 Aug 2024 16:18

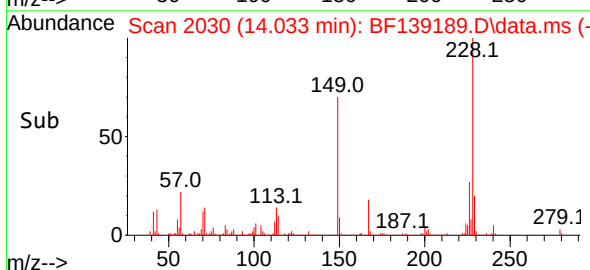
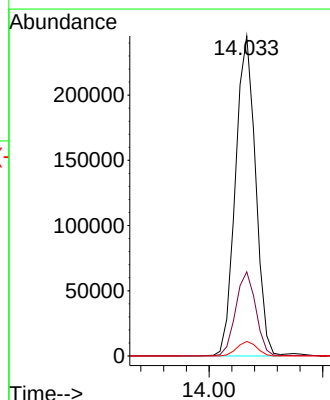
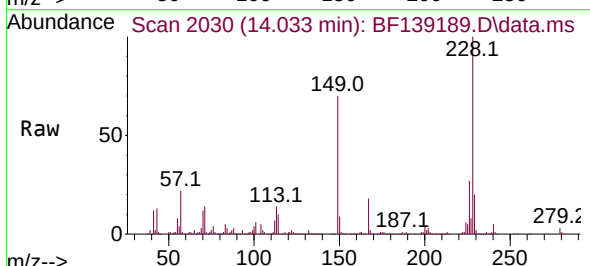
Tgt Ion:149 Resp: 301274

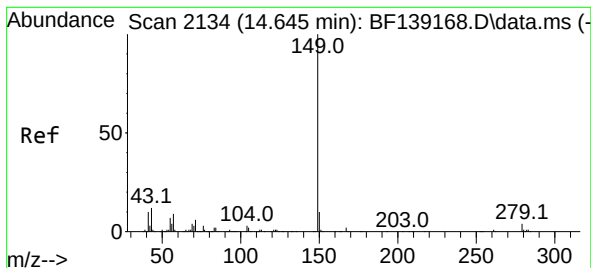
Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

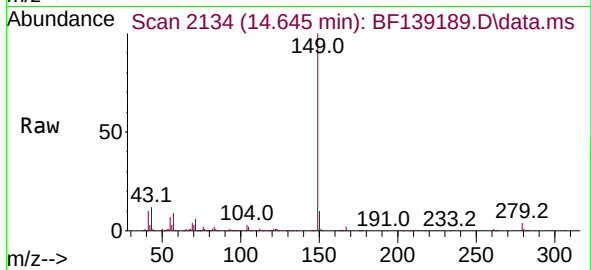
279 4.6 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 67.459 ng
RT: 14.645 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

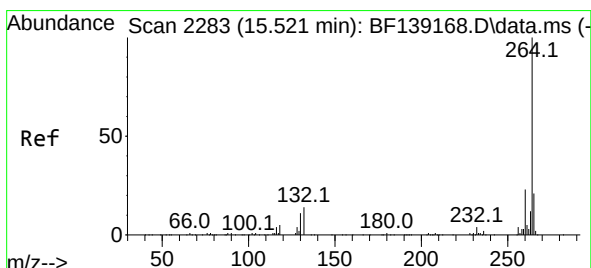
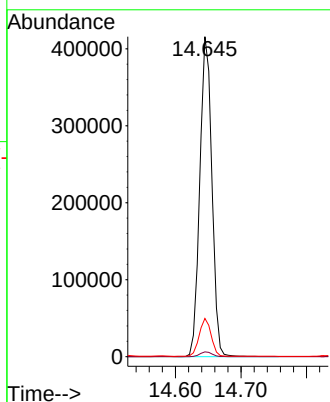
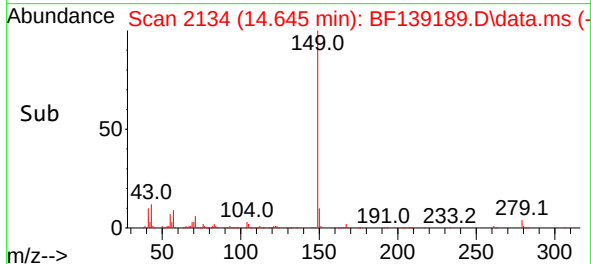
Instrument :
BNA_F
ClientSampleId :
UI-5MS



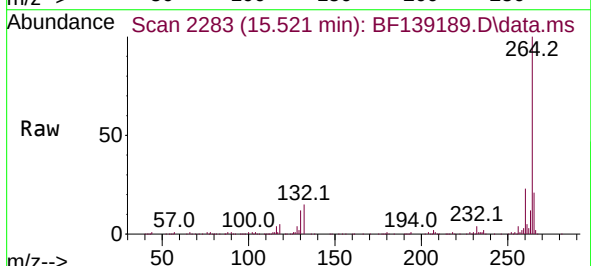
Tgt Ion:149 Resp: 534370
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.7 9.9 14.9

Manual Integrations
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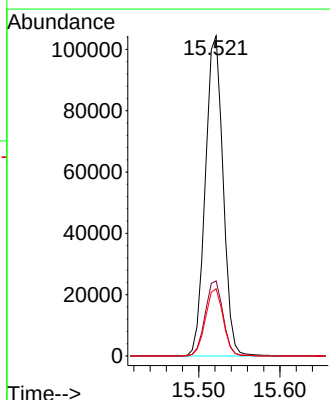
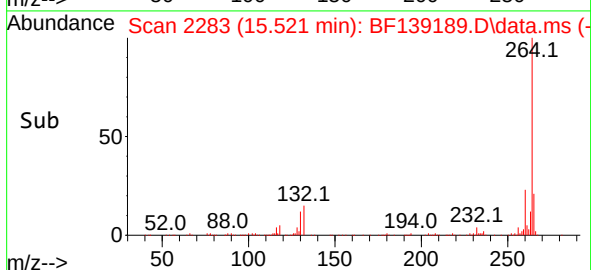
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

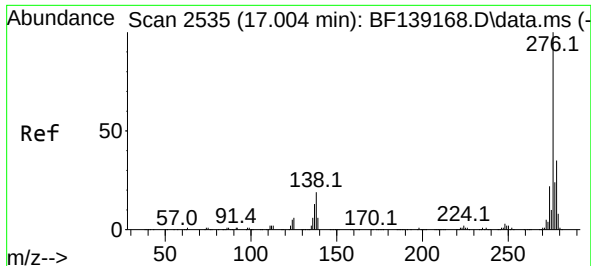


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



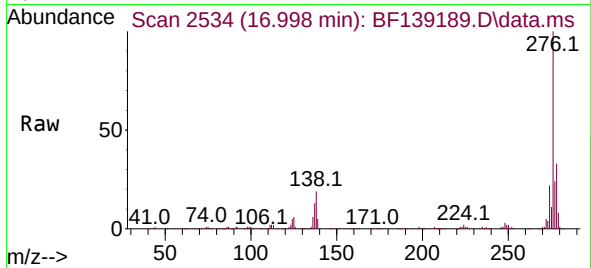
Tgt Ion:264 Resp: 157903
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.592 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

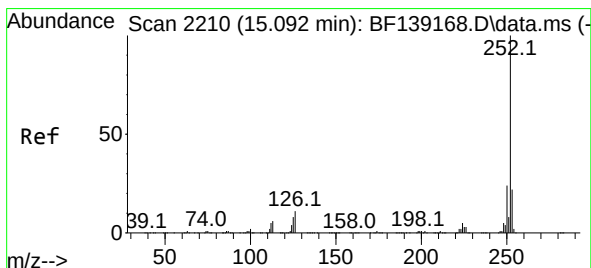
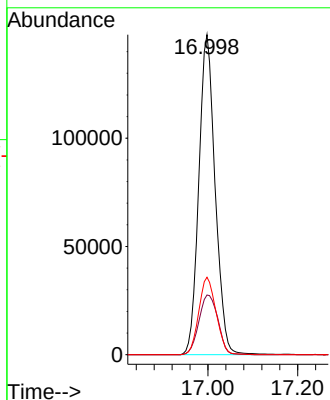
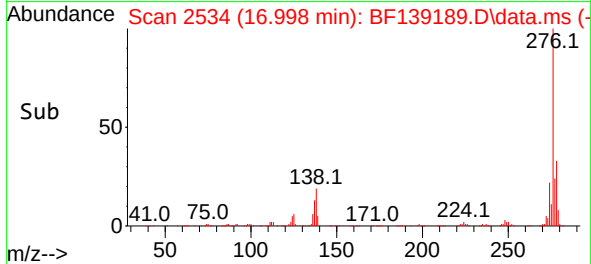
Instrument :
BNA_F
ClientSampleId :
UI-5MS



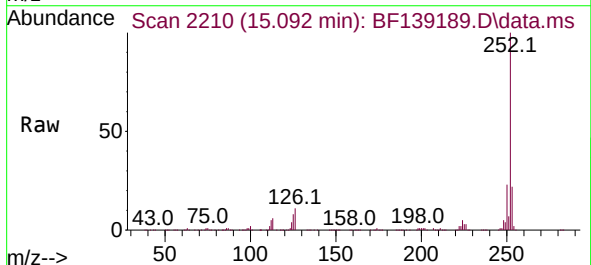
Tgt Ion:276 Resp: 37348
Ion Ratio Lower Upper
276 100
138 21.7 17.4 26.2
277 25.6 20.3 30.5

Manual Integrations
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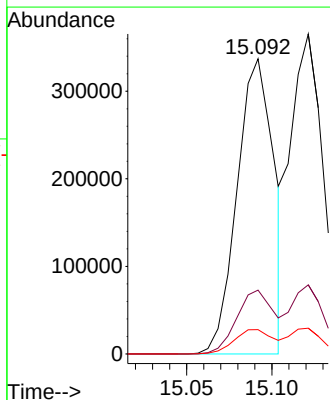
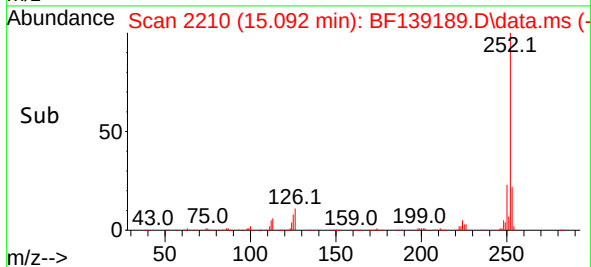
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024

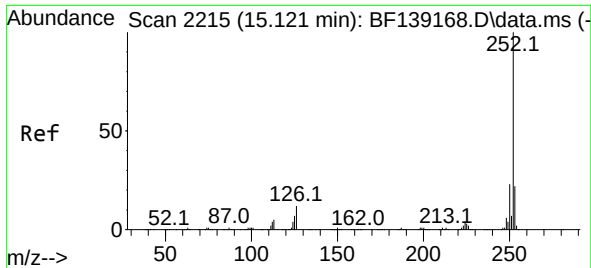


#88
Benzo(b)fluoranthene
Concen: 54.616 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



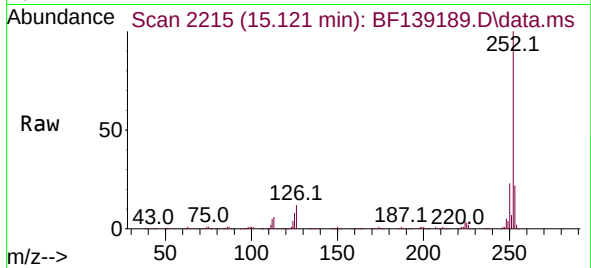
Tgt Ion:252 Resp: 504481
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 8.2 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 57.979 ng
RT: 15.121 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

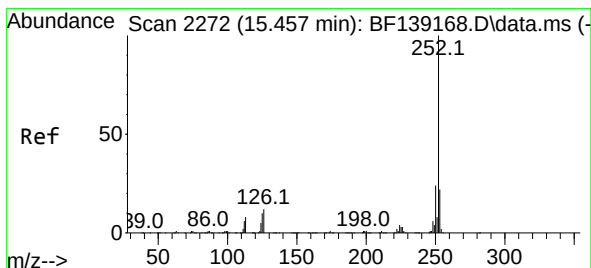
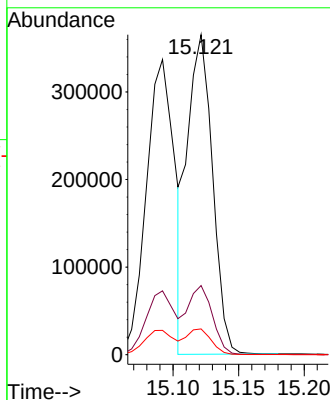
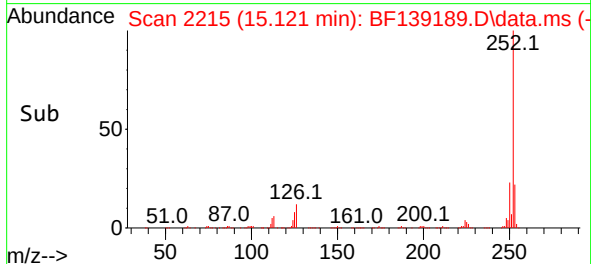
Instrument :
BNA_F
ClientSampleId :
UI-5MS



Tgt Ion:252 Resp: 48418
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 8.1 6.5 9.7

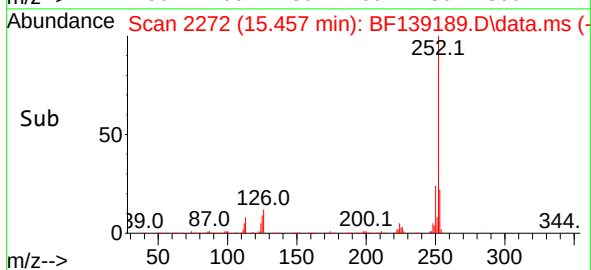
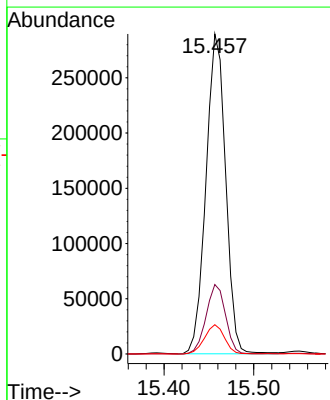
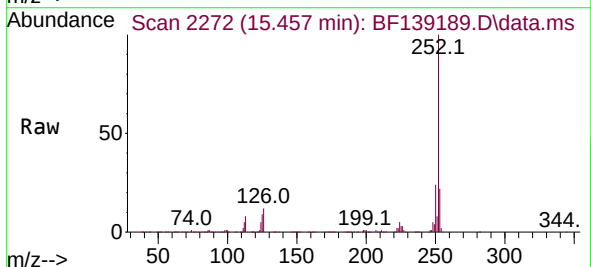
Manual Integrations
APPROVED

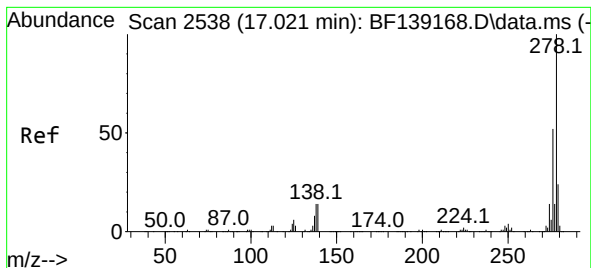
Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#90
Benzo(a)pyrene
Concen: 56.115 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

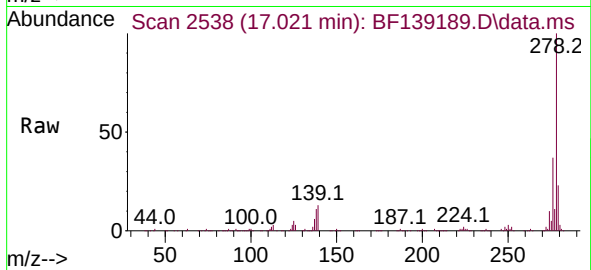
Tgt Ion:252 Resp: 439960
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.2 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 34.934 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18

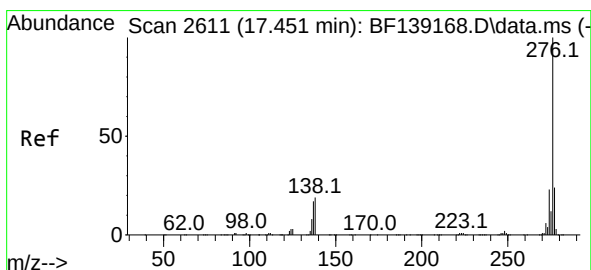
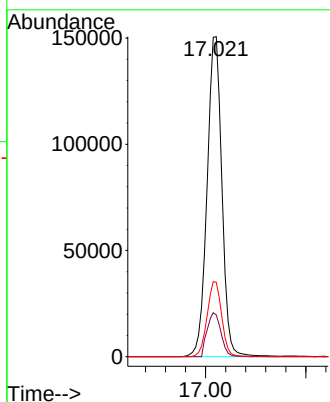
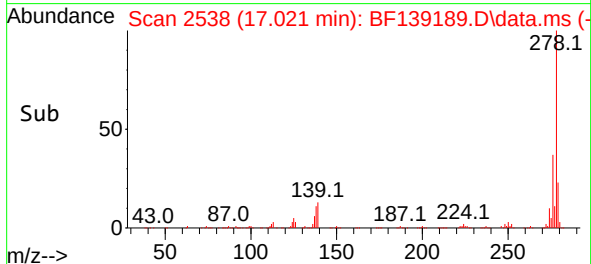
Instrument :
BNA_F
ClientSampleId :
UI-5MS



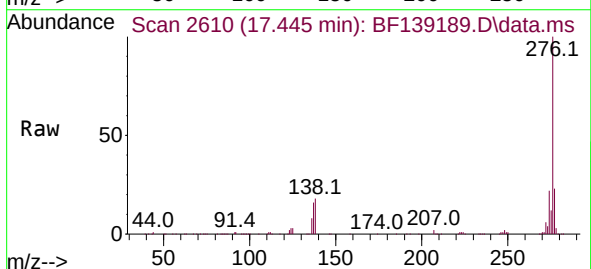
Tgt Ion:278 Resp: 30914
Ion Ratio Lower Upper
278 100
139 13.0 11.2 16.8
279 23.3 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/28/2024
Supervised By :mohammad ahmed 08/28/2024



#92
Benzo(g,h,i)perylene
Concen: 28.829 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF139189.D
Acq: 27 Aug 2024 16:18



Tgt Ion:276 Resp: 263879
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 18.1 15.0 22.6

