

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139009.D
 Acq On : 14 Aug 2024 22:47
 Operator : RC/JU
 Sample : P3475-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-1.0-1.5-080524MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024

Quant Time: Aug 15 01:15:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	29660	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	99216	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	44771	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	83010	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	51880	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	42398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	266943	138.930	ng	0.00
7) Phenol-d6	6.487	99	334533	129.679	ng	0.00
23) Nitrobenzene-d5	7.404	82	205200	101.118	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	57063	155.598	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	258814	86.857	ng	-0.02
79) Terphenyl-d14	12.933	244	305957	98.738	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	42484	50.504	ng	97
3) Pyridine	3.399	79	106044	52.039	ng	94
4) n-Nitrosodimethylamine	3.363	42	91532	75.418	ng	# 79
6) Aniline	6.504	93	74804	32.515	ng	# 1
8) 2-Chlorophenol	6.634	128	111154	54.985	ng	97
9) Benzaldehyde	6.398	77	5211	3.370	ng	93
10) Phenol	6.504	94	143465	52.820	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	114170	54.623	ng	98
12) 1,3-Dichlorobenzene	6.775	146	124782	55.143	ng	96
13) 1,4-Dichlorobenzene	6.857	146	127598	55.874	ng	100
14) 1,2-Dichlorobenzene	7.004	146	119158	55.832	ng	98
15) Benzyl Alcohol	6.987	79	106601	57.334	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	197300	54.850	ng	57
17) 2-Methylphenol	7.104	107	85413	51.167	ng	# 83
18) Hexachloroethane	7.345	117	45164	52.540	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	86444	55.481	ng	95
20) 3+4-Methylphenols	7.263	107	110452	51.571	ng	# 62
22) Acetophenone	7.251	105	149735	61.637	ng	99
24) Nitrobenzene	7.422	77	126414	61.218	ng	98
25) Isophorone	7.663	82	209305	60.403	ng	98
26) 2-Nitrophenol	7.739	139	53275	59.966	ng	92
27) 2,4-Dimethylphenol	7.781	122	64767	60.931	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	121989	57.810	ng	98
29) 2,4-Dichlorophenol	7.992	162	74668	54.666	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	90476	57.399	ng	97
31) Naphthalene	8.139	128	289742	55.480	ng	99
32) Benzoic acid	7.916	122	28816	34.487	ng	93
33) 4-Chloroaniline	8.198	127	38488	21.955	ng	95
34) Hexachlorobutadiene	8.251	225	57234	59.947	ng	97
35) Caprolactam	8.557	113	20811m	51.062	ng	
36) 4-Chloro-3-methylphenol	8.686	107	78375	50.208	ng	99
37) 2-Methylnaphthalene	8.828	142	168514	51.092	ng	100
38) 1-Methylnaphthalene	8.928	142	157426	48.709	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	70238	56.476	ng	98
41) Hexachlorocyclopentadiene	8.975	237	6127	23.958	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	43912	57.909	ng	100

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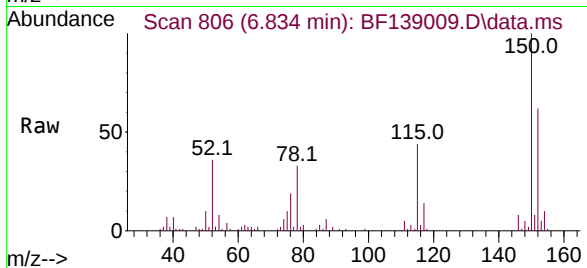
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	44928	54.197	ng	96
46) 1,1'-Biphenyl	9.292	154	191371	54.578	ng	98
47) 2-Chloronaphthalene	9.316	162	151132	57.953	ng	100
48) 2-Nitroaniline	9.422	65	57040	64.519	ng	91
49) Acenaphthylene	9.733	152	225114	60.864	ng	99
50) Dimethylphthalate	9.586	163	178154	62.232	ng	100
51) 2,6-Dinitrotoluene	9.663	165	36738	56.865	ng	89
52) Acenaphthene	9.904	154	136276	54.811	ng	99
53) 3-Nitroaniline	9.833	138	31396	47.008	ng	99
54) 2,4-Dinitrophenol	9.957	184	14643	49.236	ng	# 84
55) Dibenzofuran	10.075	168	205201	58.467	ng	95
56) 4-Nitrophenol	10.016	139	42108	104.842	ng	85
57) 2,4-Dinitrotoluene	10.069	165	50044	60.713	ng	# 75
58) Fluorene	10.416	166	166533	59.585	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	36828	58.110	ng	98
60) Diethylphthalate	10.286	149	165485	60.967	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	78232	56.913	ng	94
62) 4-Nitroaniline	10.451	138	37390	58.910	ng	88
63) Azobenzene	10.569	77	178376	59.252	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	15800	31.199	ng	89
66) n-Nitrosodiphenylamine	10.527	169	138530	53.389	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	46504	51.744	ng	99
68) Hexachlorobenzene	10.963	284	49759	53.622	ng	98
69) Atrazine	11.057	200	44657	66.708	ng	99
70) Pentachlorophenol	11.169	266	42099	100.651	ng	100
71) Phenanthrene	11.380	178	268325	62.776	ng	100
72) Anthracene	11.433	178	263223	62.511	ng	99
73) Carbazole	11.592	167	242657	66.795	ng	98
74) Di-n-butylphthalate	11.910	149	277345	67.911	ng	100
75) Fluoranthene	12.569	202	309421	77.542	ng	99
77) Benzidine	12.698	184	57349	46.216	ng	98
78) Pyrene	12.798	202	310736	63.615	ng	99
80) Butylbenzylphthalate	13.410	149	120819	77.240	ng	98
81) Benzo(a)anthracene	13.986	228	229398	64.211	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	54062	59.134	ng	99
83) Chrysene	14.027	228	193784	60.123	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	154776	67.573	ng	100
85) Di-n-octyl phthalate	14.574	149	218765	51.622	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	148566	48.896	ng	95
88) Benzo(b)fluoranthene	15.039	252	167215	63.622	ng	98
89) Benzo(k)fluoranthene	15.062	252	141163	62.034	ng	99
90) Benzo(a)pyrene	15.404	252	136848	61.901	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	116466	46.696	ng	97
92) Benzo(g,h,i)perylene	17.380	276	110725	42.781	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

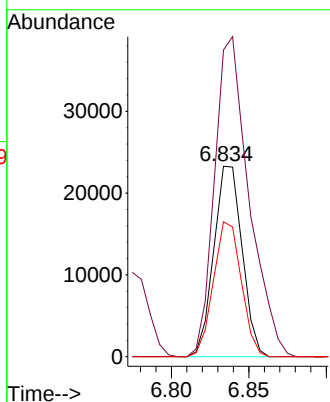
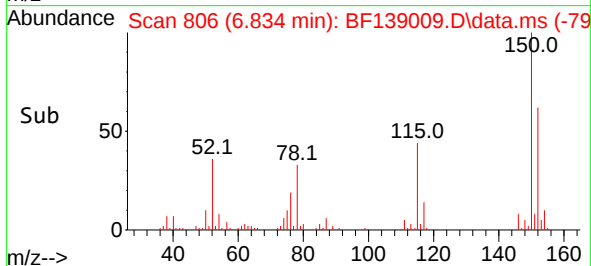
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:152 Resp: 29660
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 70.8 51.7 77.5

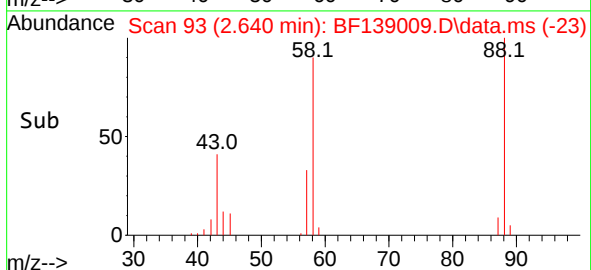
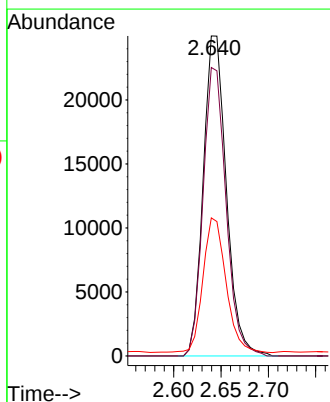
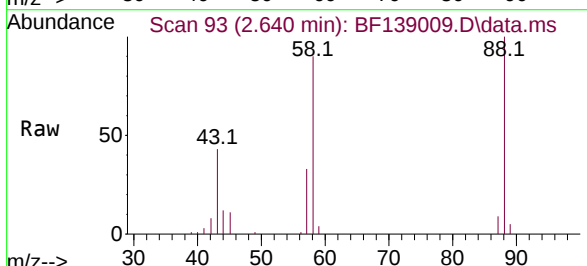
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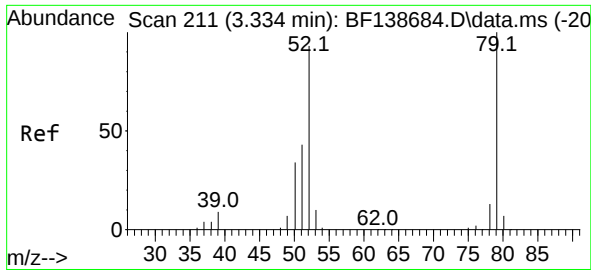
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 50.504 ng
RT: 2.640 min Scan# 93
Delta R.T. 0.065 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

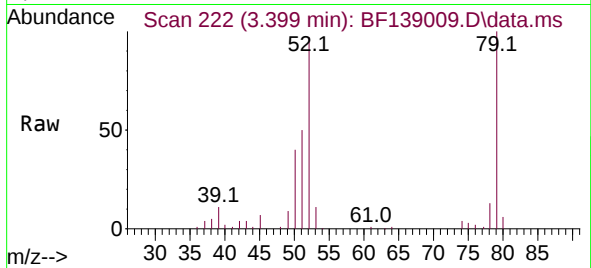
Tgt Ion: 88 Resp: 42484
Ion Ratio Lower Upper
88 100
58 89.4 71.6 107.4
43 41.9 28.7 43.1





#3
Pyridine
Concen: 52.039 ng
RT: 3.399 min Scan# 211
Delta R.T. 0.065 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

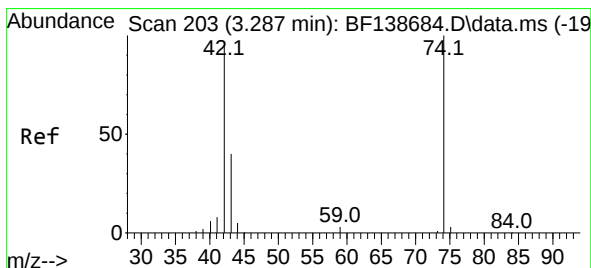
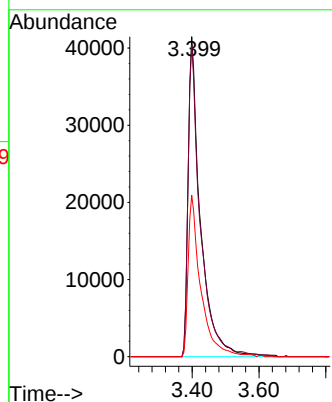
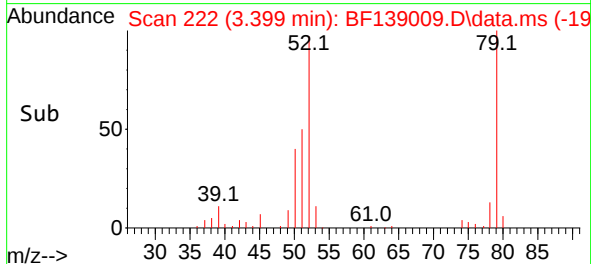
Instrument :
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Tgt Ion: 79 Resp: 10604
Ion Ratio Lower Upper
79 100
52 97.4 74.7 112.1
51 50.5 34.6 51.8

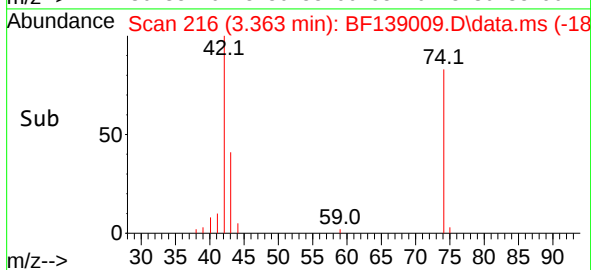
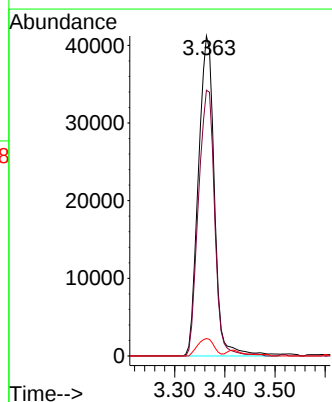
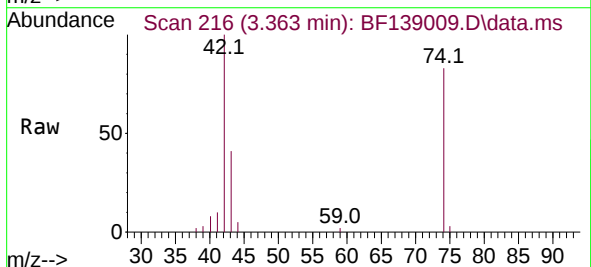
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#4
n-Nitrosodimethylamine
Concen: 75.418 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion: 42 Resp: 91532
Ion Ratio Lower Upper
42 100
74 83.0 84.2 126.4#
44 5.5 4.9 7.3





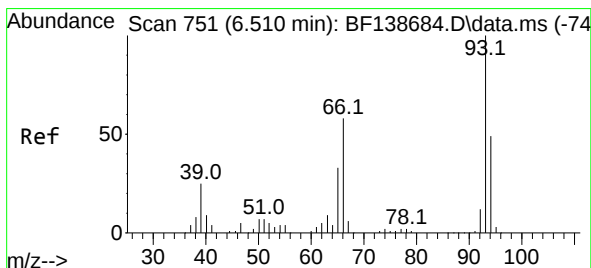
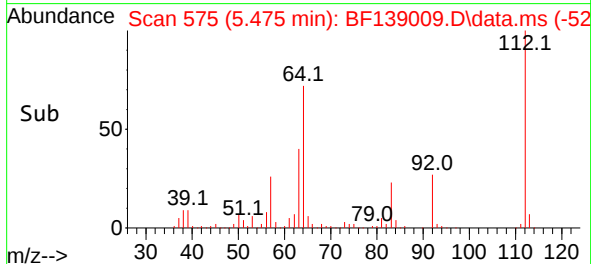
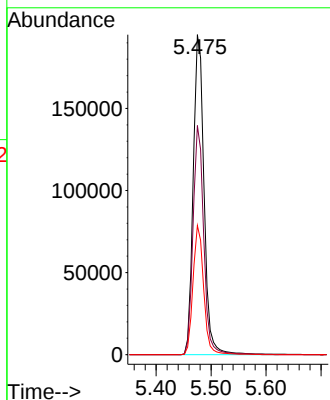
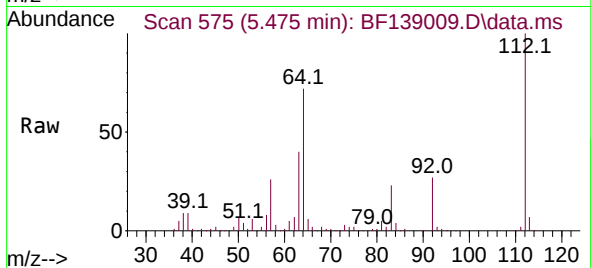
#5
2-Fluorophenol
Concen: 138.930 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:112 Resp: 26694
Ion Ratio Lower Upper
112 100
64 71.6 54.2 81.4
63 40.3 28.7 43.1

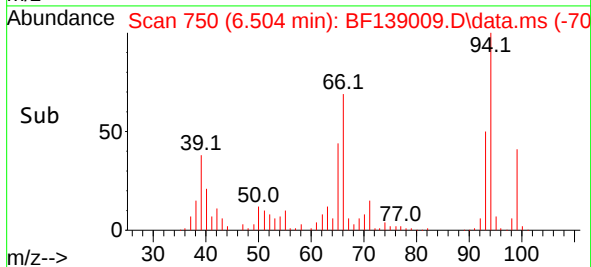
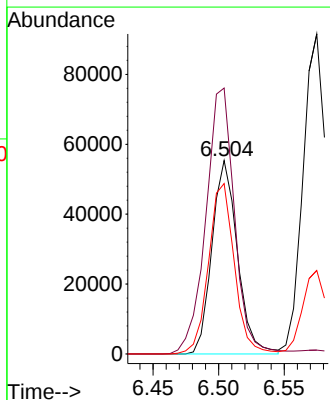
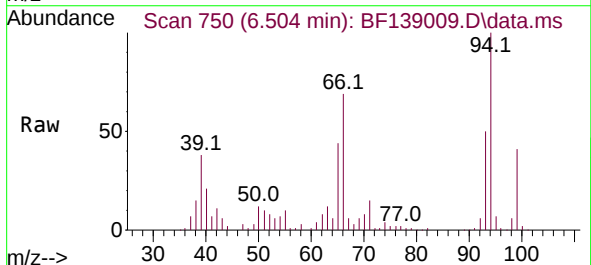
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#6
Aniline
Concen: 32.515 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

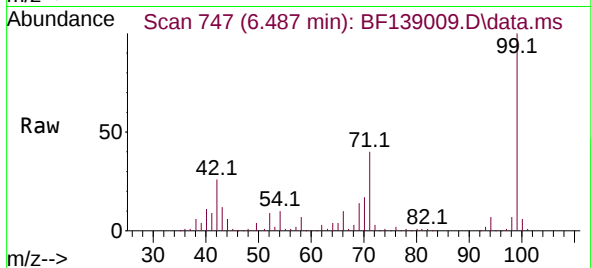
Tgt Ion: 93 Resp: 74804
Ion Ratio Lower Upper
93 100
66 137.5 46.9 70.3#
65 88.1 26.5 39.7#





#7
Phenol-d6
Concen: 129.679 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

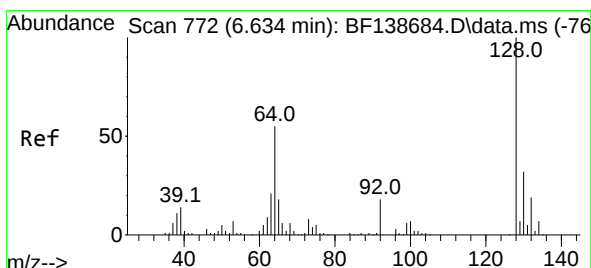
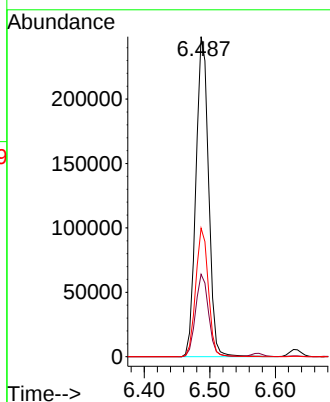
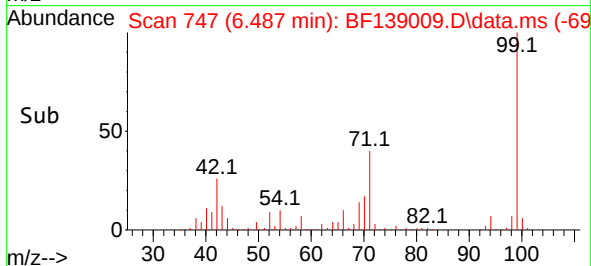
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Tgt Ion: 99 Resp: 33453
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.1 28.1 42.1

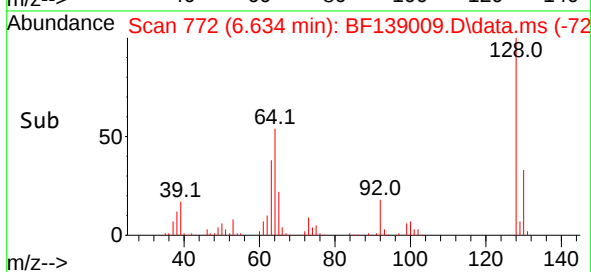
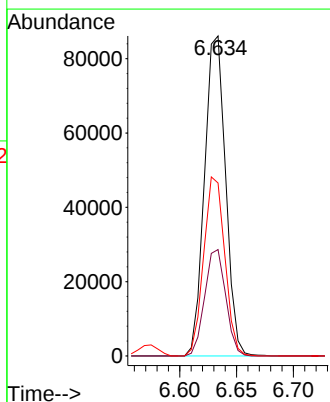
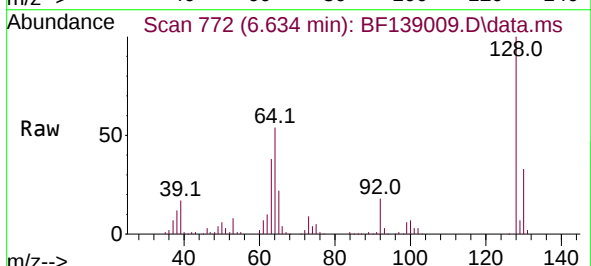
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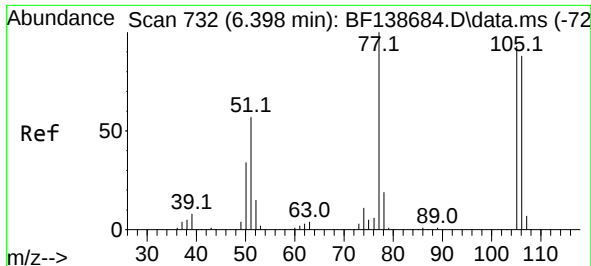
Reviewed By :Jagrut Upadhyay 08/15/2024
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#8
2-Chlorophenol
Concen: 54.985 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:128 Resp: 111154
Ion Ratio Lower Upper
128 100
130 33.2 12.0 52.0
64 54.1 36.3 76.3





#9

Benzaldehyde

Concen: 3.370 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

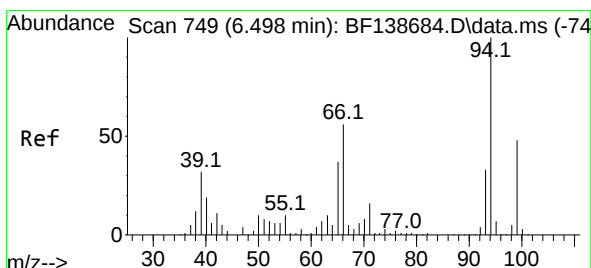
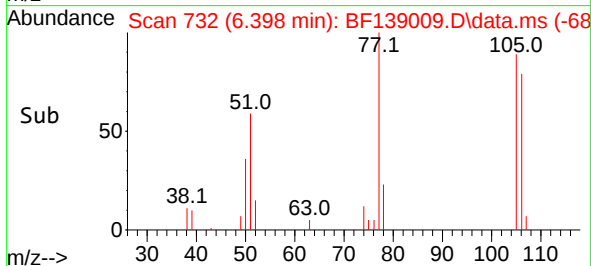
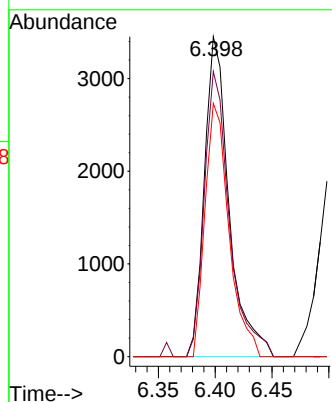
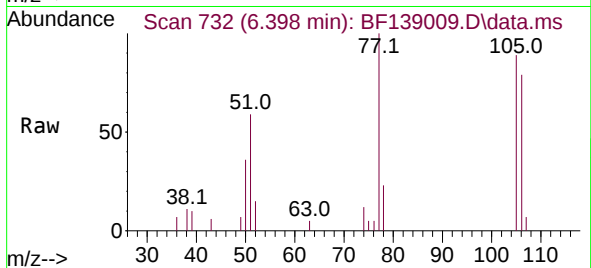
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion: 77	Resp: 521
Ion Ratio	Lower Upper
77 100	
105 89.1	72.9 112.9
106 79.1	68.4 108.4

Manual Integrations

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#10

Phenol

Concen: 52.820 ng

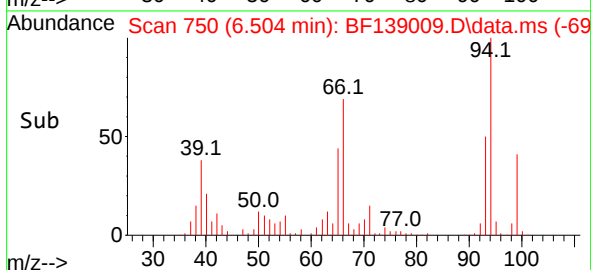
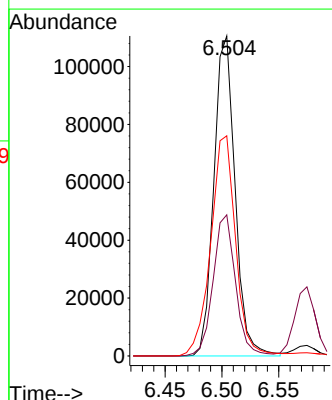
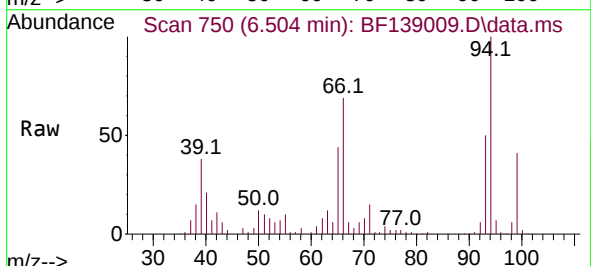
RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

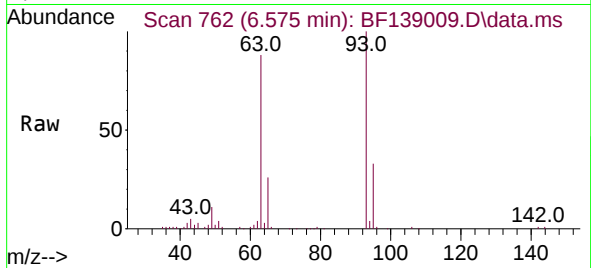
Tgt Ion: 94	Resp: 143465
Ion Ratio	Lower Upper
94 100	
65 44.1	16.9 56.9
66 68.8	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 54.623 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

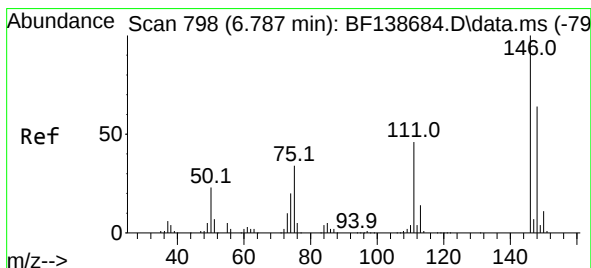
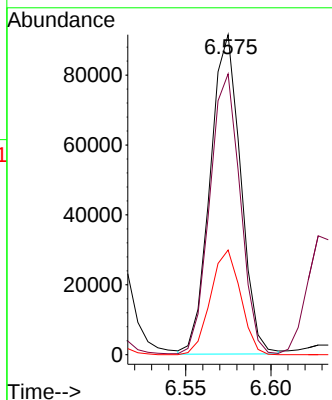
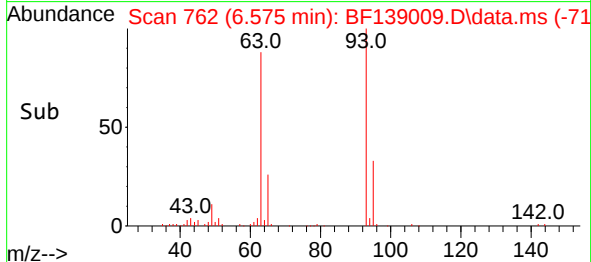
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion: 93 Resp: 114170
Ion Ratio Lower Upper
93 100
63 87.8 65.3 105.3
95 32.7 12.4 52.4

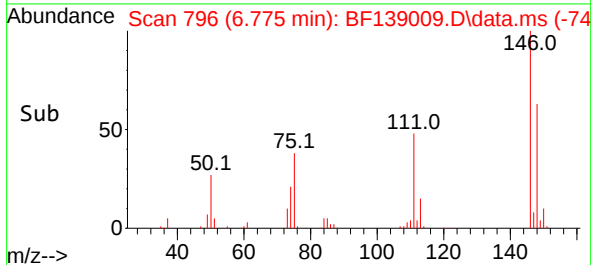
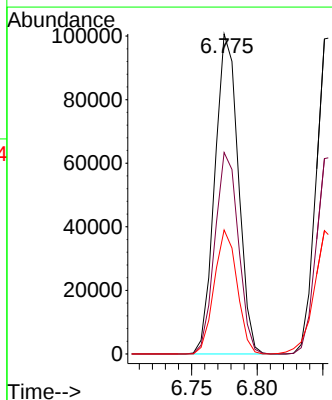
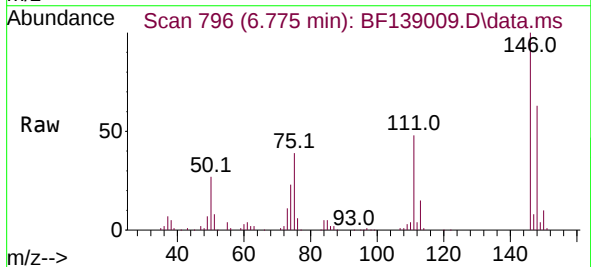
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#12
1,3-Dichlorobenzene
Concen: 55.143 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

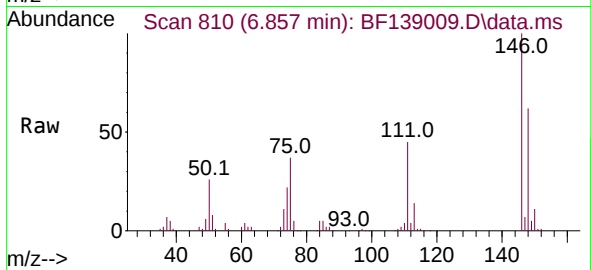
Tgt Ion:146 Resp: 124782
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 38.8 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 55.874 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

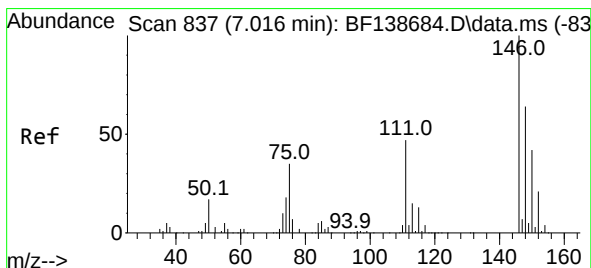
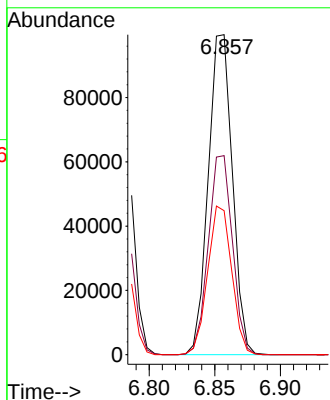
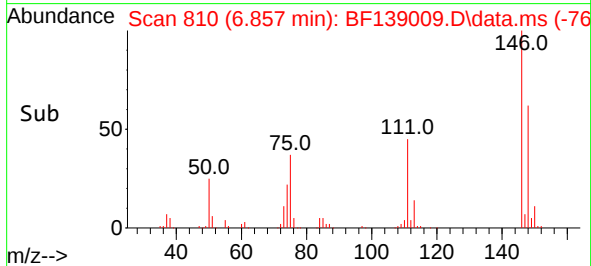
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:146 Resp: 127598
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.2
111 45.0 35.9 53.9

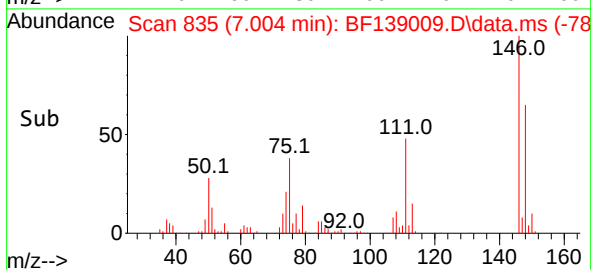
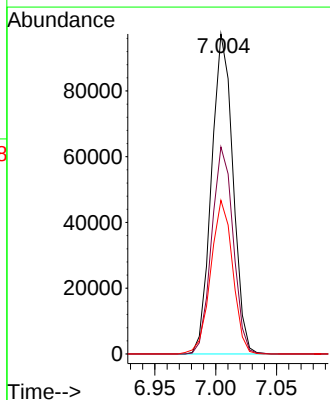
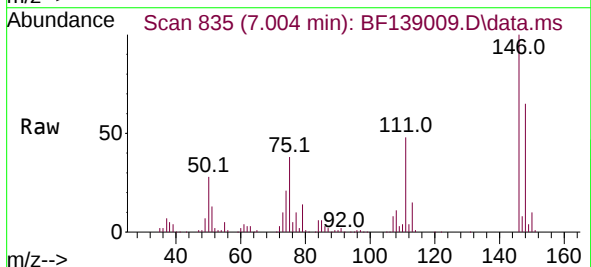
Manual Integrations
APPROVED

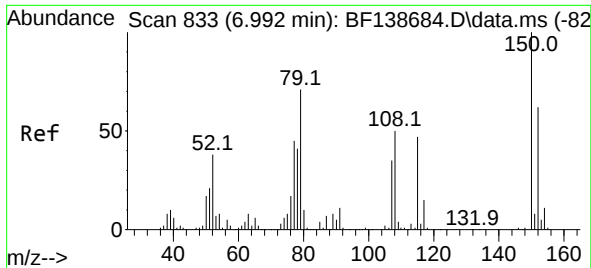
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#14
1,2-Dichlorobenzene
Concen: 55.832 ng
RT: 7.004 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

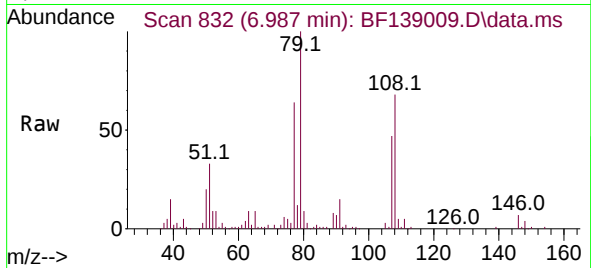
Tgt Ion:146 Resp: 119158
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
111 48.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 57.334 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

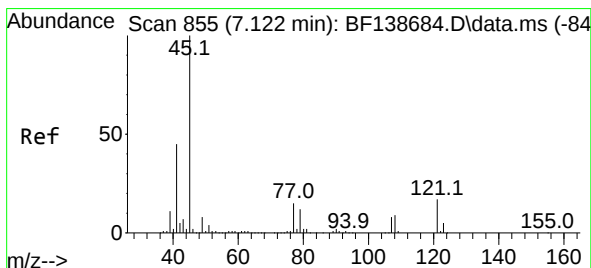
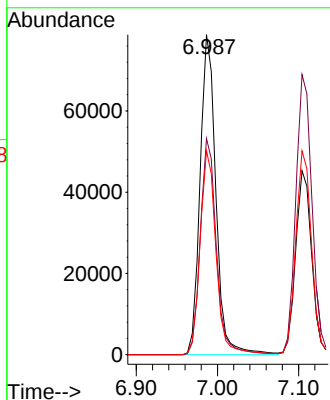
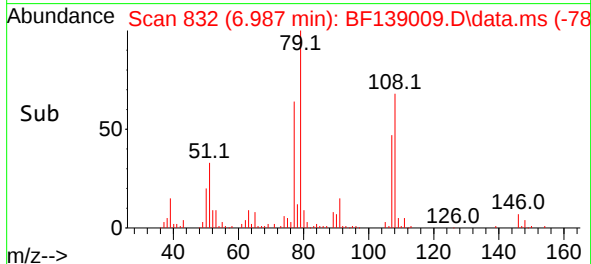
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion: 79 Resp: 10660
Ion Ratio Lower Upper
79 100
108 67.5 56.6 85.0
77 63.7 50.3 75.5

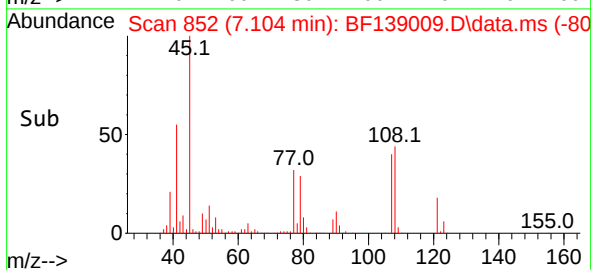
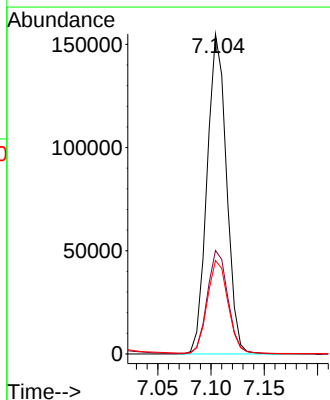
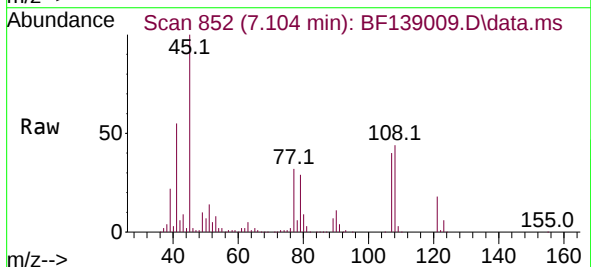
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.850 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

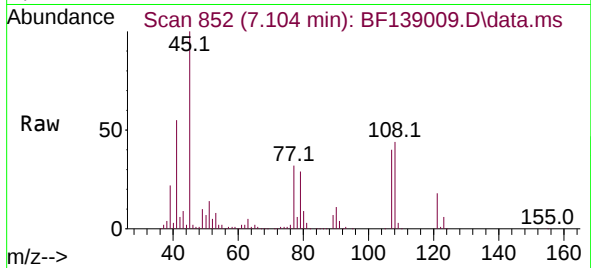
Tgt Ion: 45 Resp: 197300
Ion Ratio Lower Upper
45 100
77 32.4 0.0 34.9
79 29.2 0.0 32.2





#17
2-Methylphenol
Concen: 51.167 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

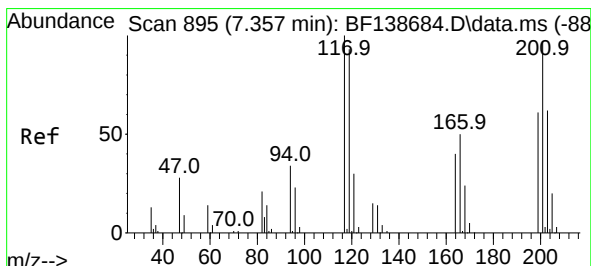
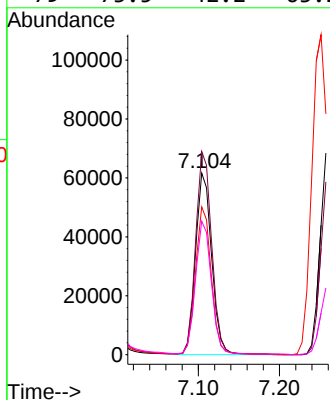
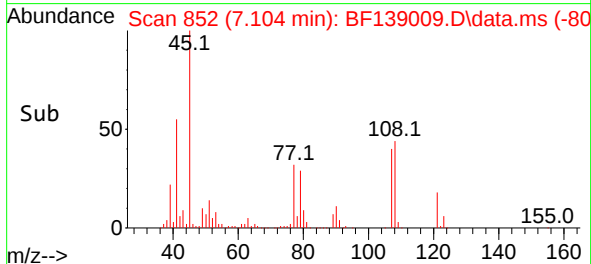
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:107 Resp: 8541
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 81.4 43.0 64.4
79 73.5 42.2 63.2

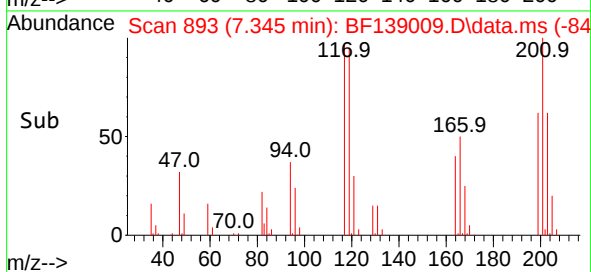
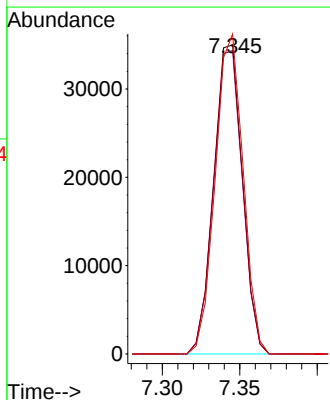
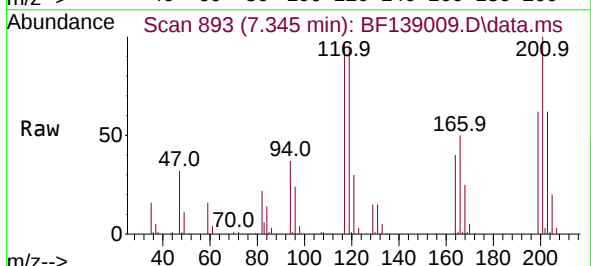
Manual Integrations
APPROVED

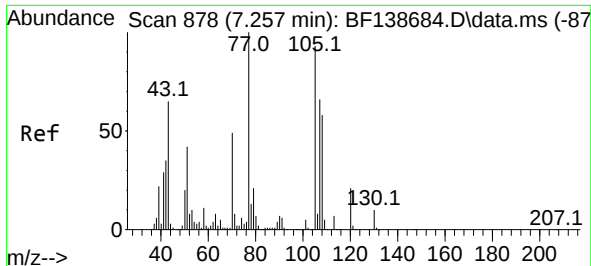
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 52.540 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

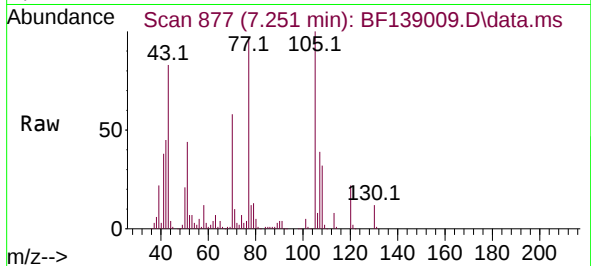
Tgt Ion:117 Resp: 45164
Ion Ratio Lower Upper
117 100
119 98.2 74.6 111.8
201 103.5 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 55.481 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

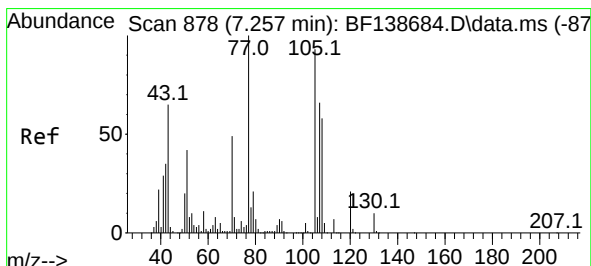
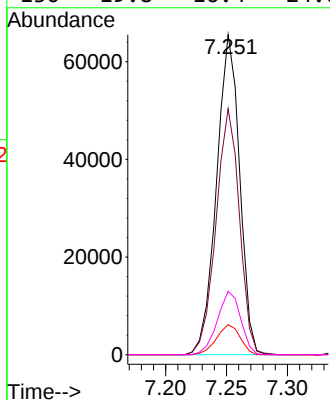
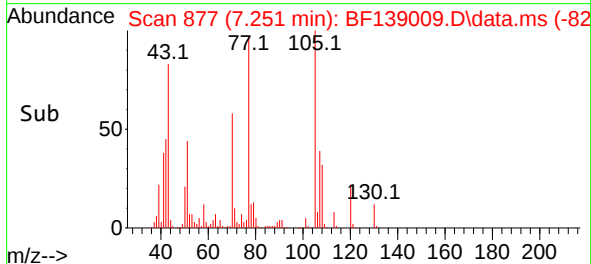
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



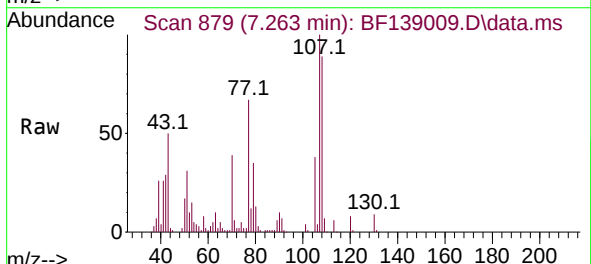
Tgt Ion:	70	Resp:	8644
Ion Ratio	Lower	Upper	
70	100		
42	76.8	57.4	86.0
101	9.4	7.5	11.3
130	19.8	16.4	24.6

Manual Integrations
APPROVED

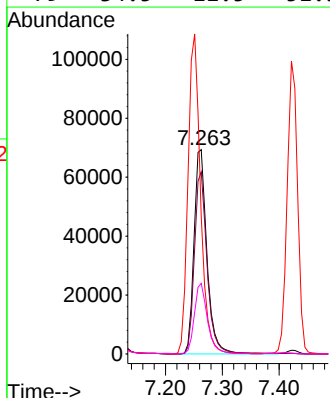
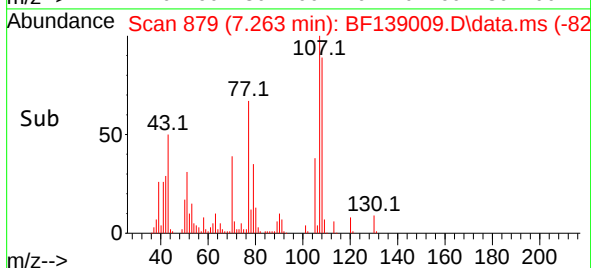
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

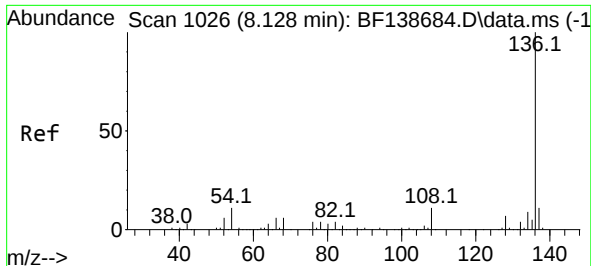


#20
3+4-Methylphenols
Concen: 51.571 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



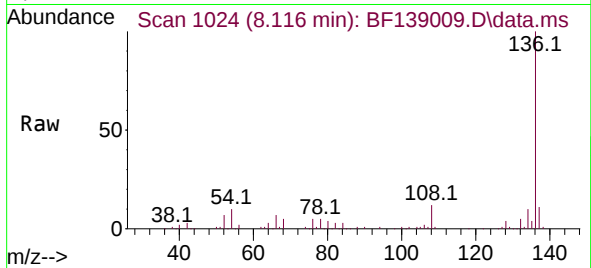
Tgt Ion:	107	Resp:	110452
Ion Ratio	Lower	Upper	
107	100		
108	89.0	68.2	108.2
77	67.2	132.1	172.1#
79	34.5	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

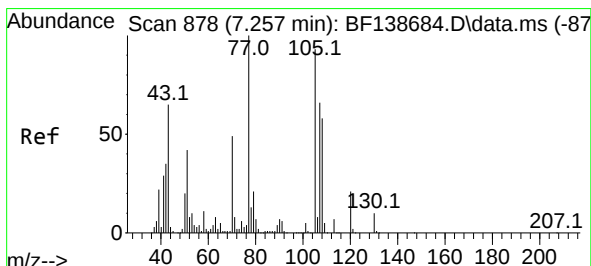
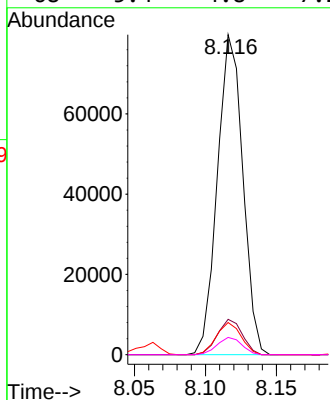
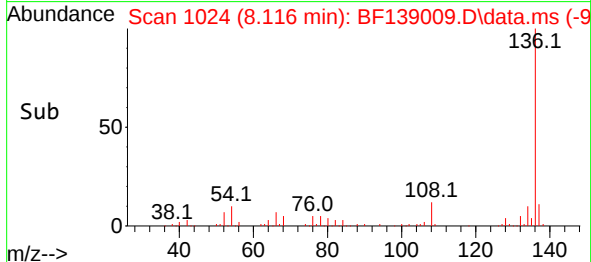
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



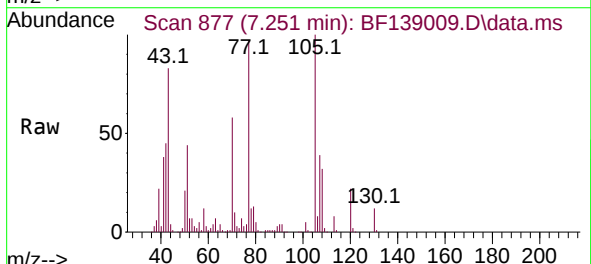
Tgt Ion:136 Resp: 99210
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.0 8.6 12.8
68 5.4 4.8 7.2

Manual Integrations
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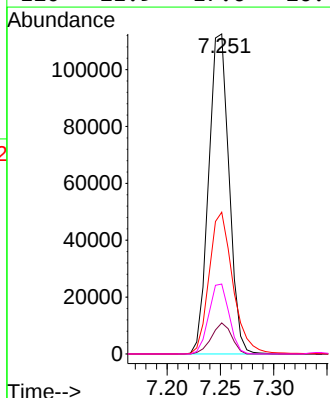
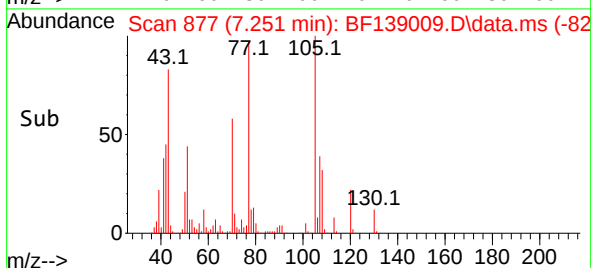
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

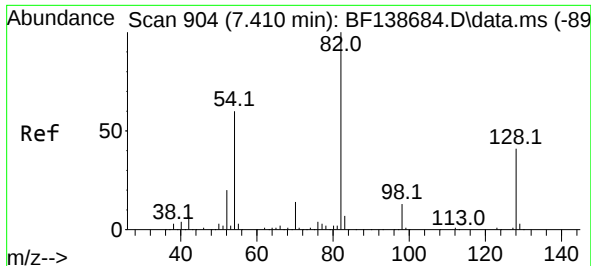


#22
Acetophenone
Concen: 61.637 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



Tgt Ion:105 Resp: 149735
Ion Ratio Lower Upper
105 100
71 9.7 7.2 10.8
51 44.3 35.9 53.9
120 21.9 17.6 26.4





#23

Nitrobenzene-d5

Concen: 101.118 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MSD

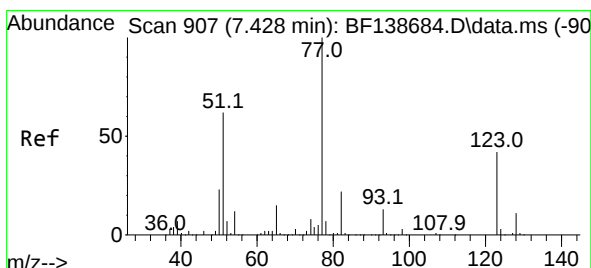
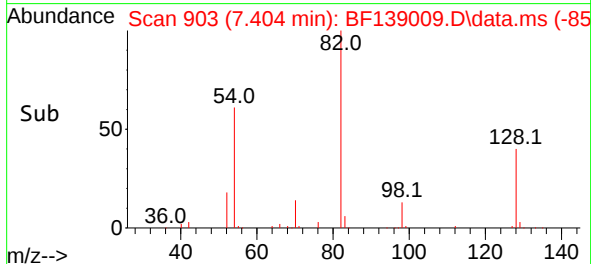
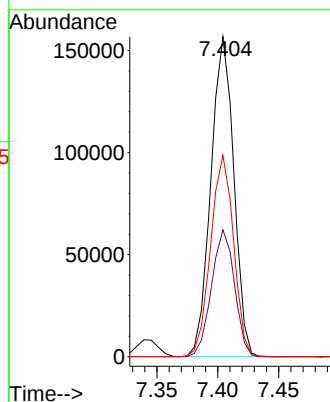
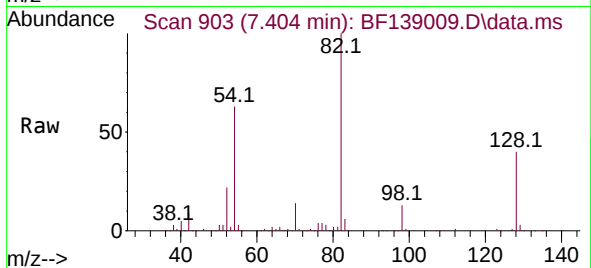
Tgt Ion: 82 Resp: 205200

Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.8	49.2
54	62.9	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#24

Nitrobenzene

Concen: 61.218 ng

RT: 7.422 min Scan# 906

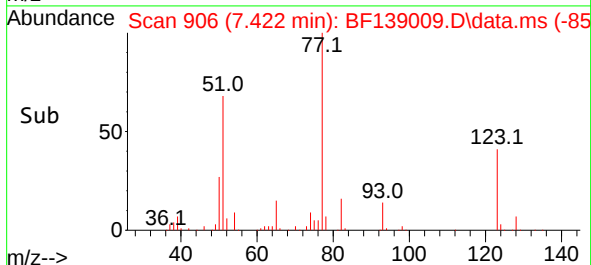
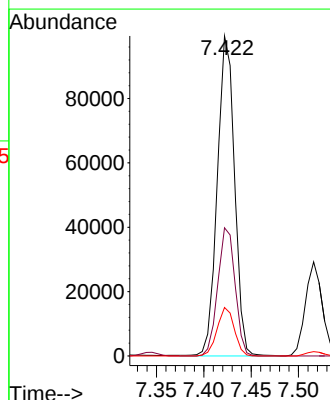
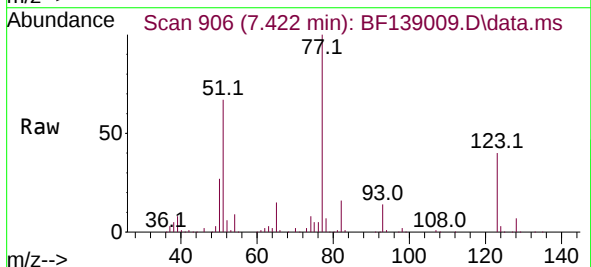
Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Tgt Ion: 77 Resp: 126414

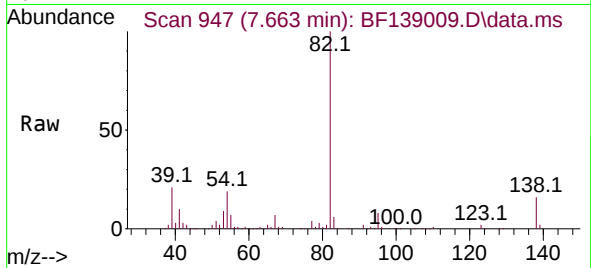
Ion	Ratio	Lower	Upper
77	100		
123	40.1	33.3	49.9
65	15.2	11.9	17.9





#25
Isophorone
Concen: 60.403 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

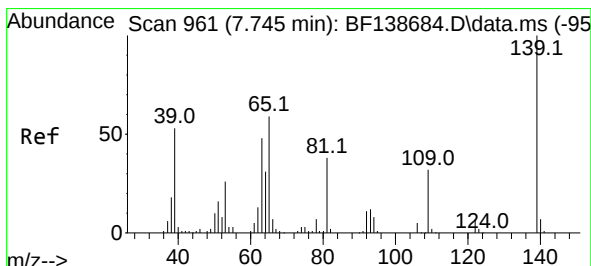
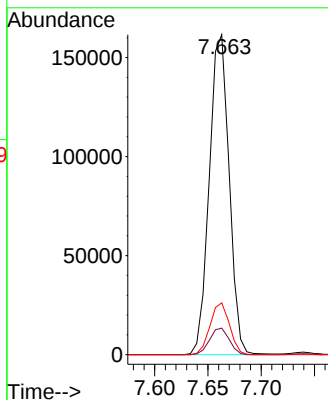
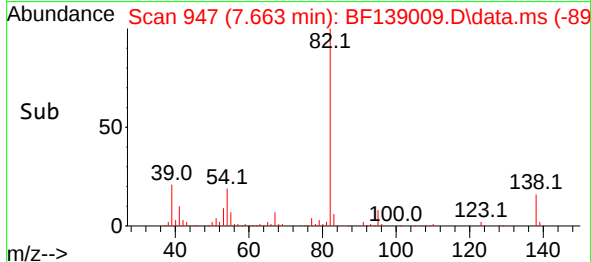
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion: 82 Resp: 20930
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.2 13.7 20.5

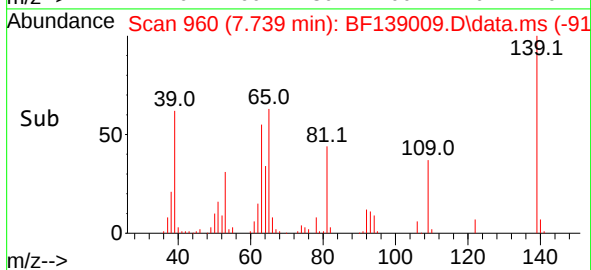
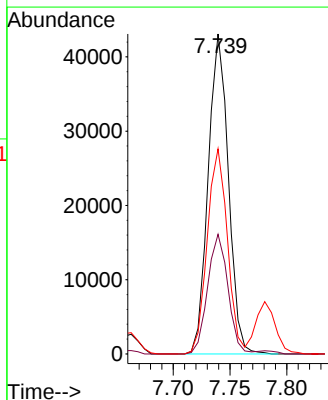
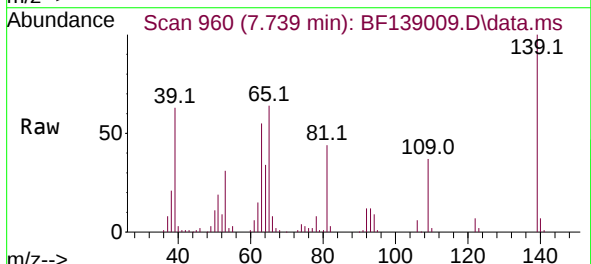
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 59.966 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

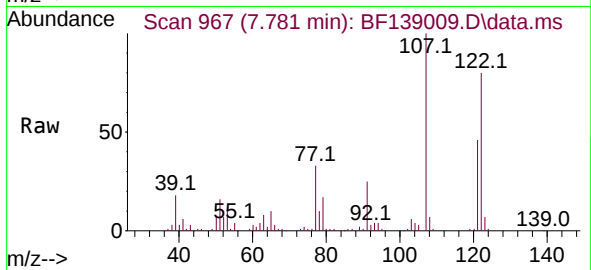
Tgt Ion:139 Resp: 53275
Ion Ratio Lower Upper
139 100
109 37.4 25.9 38.9
65 64.1 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 60.931 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

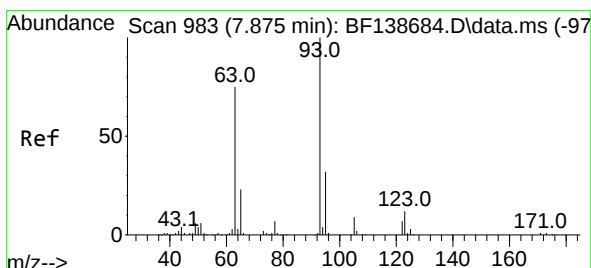
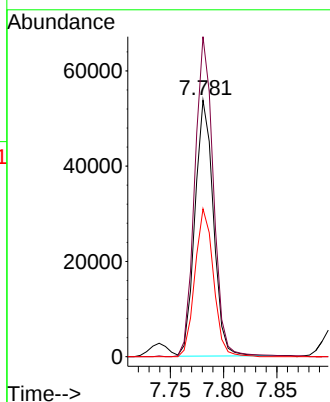
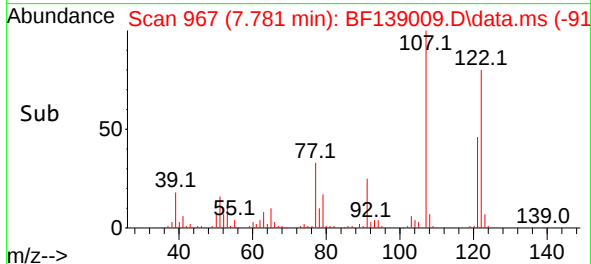
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:122 Resp: 6476
Ion Ratio Lower Upper
122 100
107 124.8 95.0 142.6
121 57.7 47.3 70.9

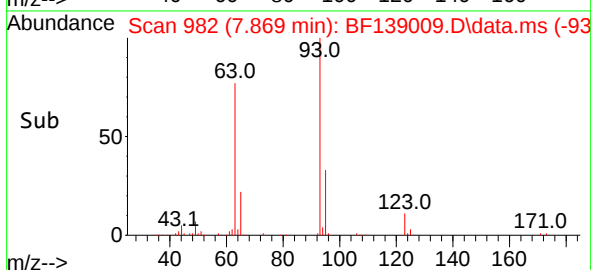
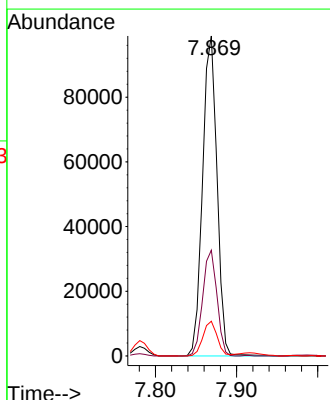
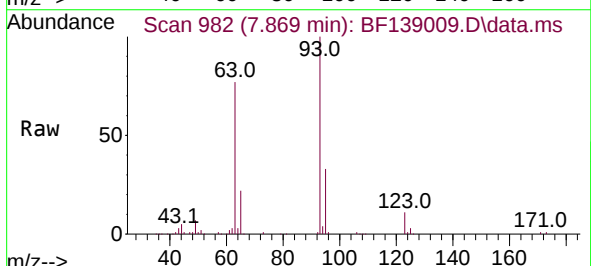
Manual Integrations
APPROVED

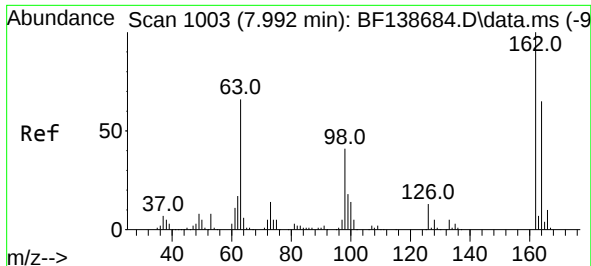
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 57.810 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion: 93 Resp: 121989
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.8
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.666 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF139009.D

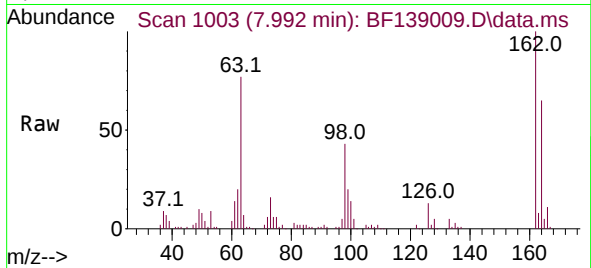
Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MSD

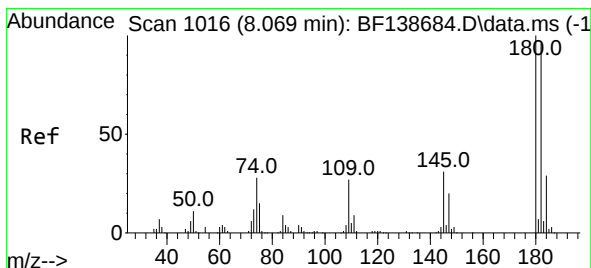
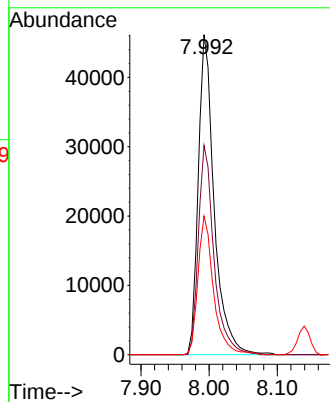
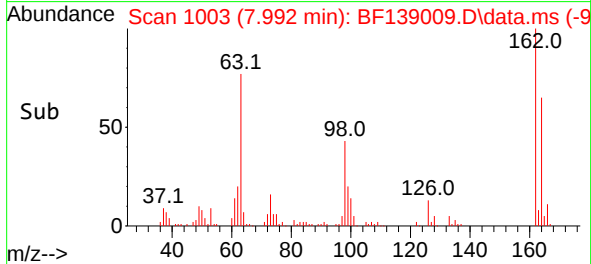


Tgt Ion:162	Resp:	74668
Ion Ratio	Lower	Upper
162	100	
164	65.4	44.7 84.7
98	43.3	20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 57.399 ng

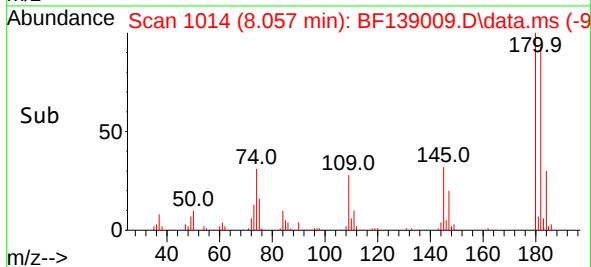
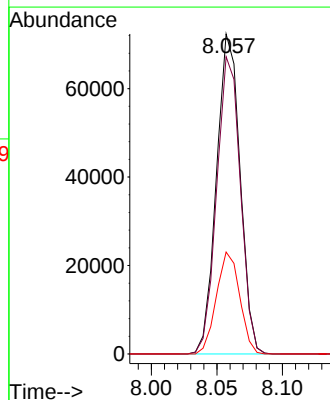
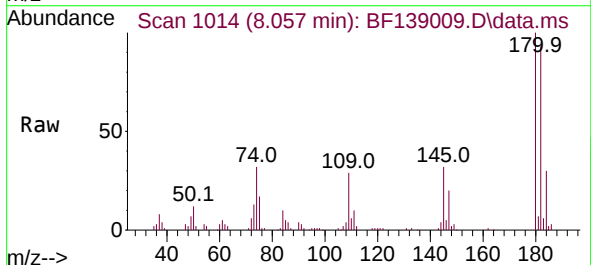
RT: 8.057 min Scan# 1014

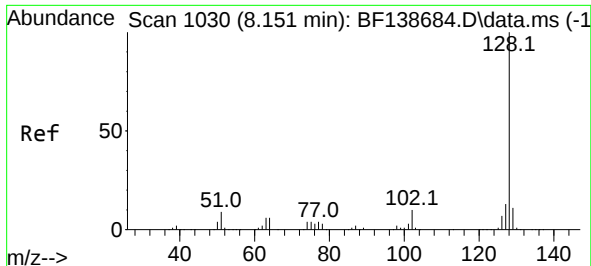
Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

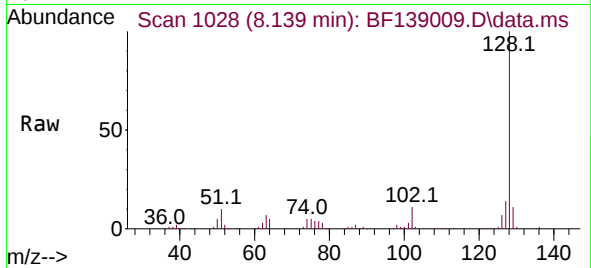
Tgt Ion:180	Resp:	90476
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.9 115.3
145	31.9	25.0 37.4





#31
Naphthalene
Concen: 55.480 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

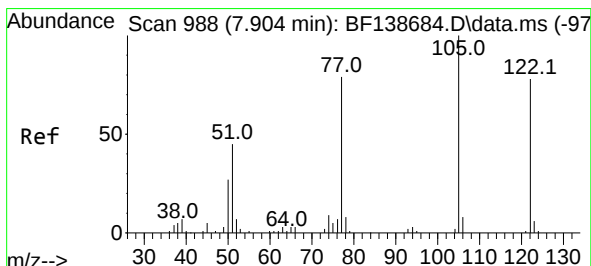
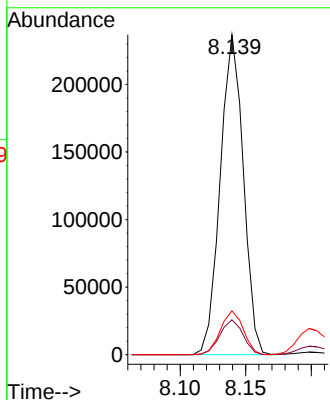
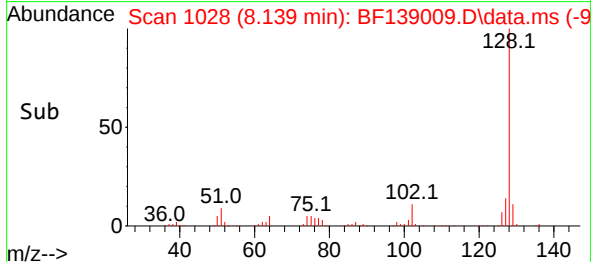
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:128 Resp: 28974
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.7 10.6 16.0

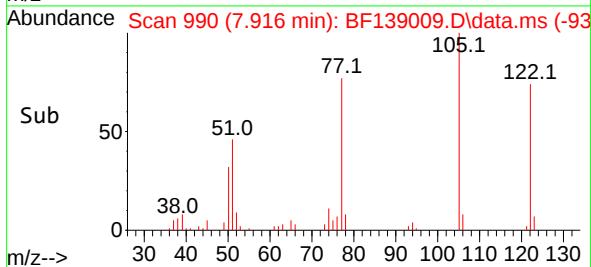
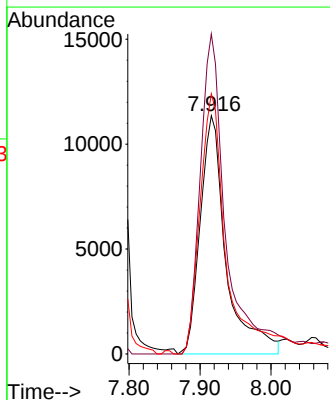
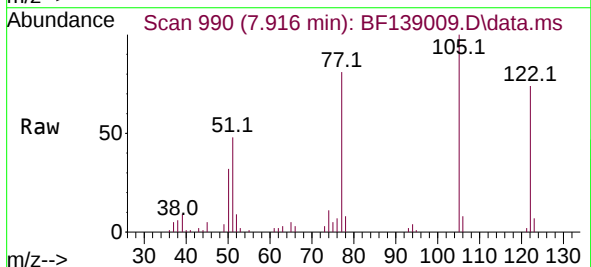
Manual Integrations
APPROVED

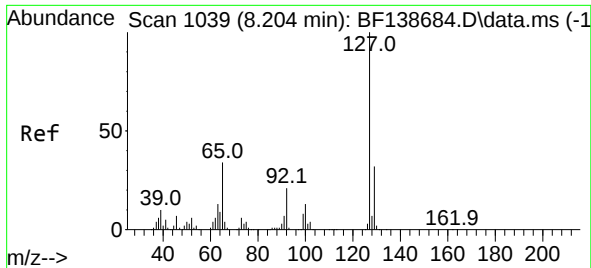
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 34.487 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

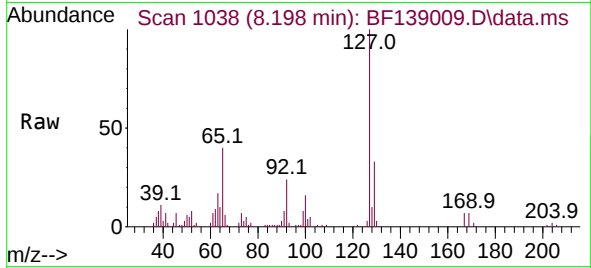
Tgt Ion:122 Resp: 28816
Ion Ratio Lower Upper
122 100
105 134.4 106.7 146.7
77 109.2 81.1 121.1





#33
4-Chloroaniline
Concen: 21.955 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

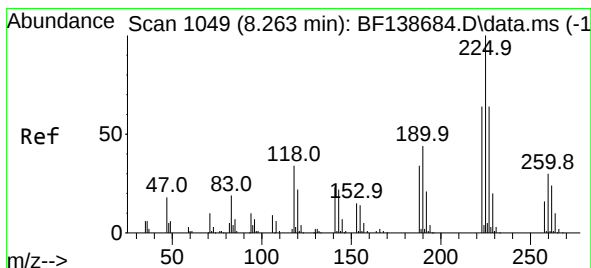
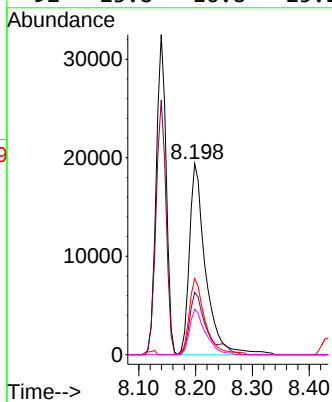
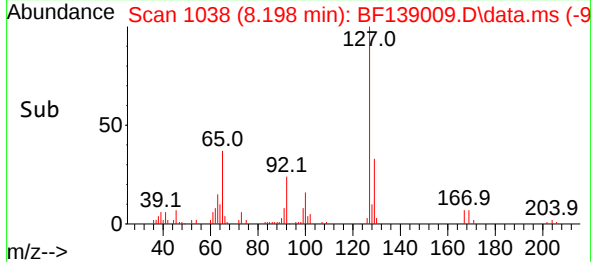
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:	127	Resp:	3848
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.9	38.9
65	39.8	27.6	41.4
92	23.8	16.8	25.2

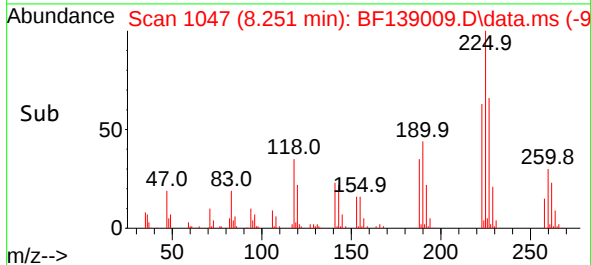
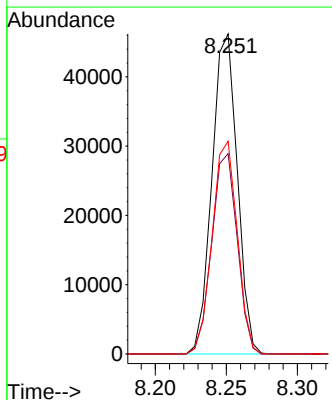
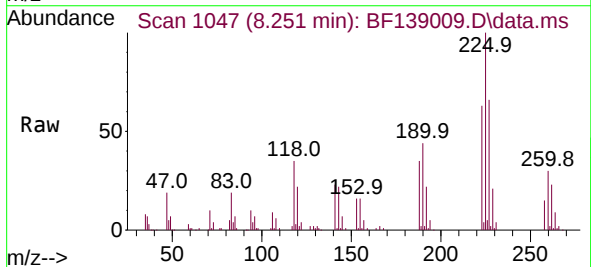
Manual Integrations
APPROVED

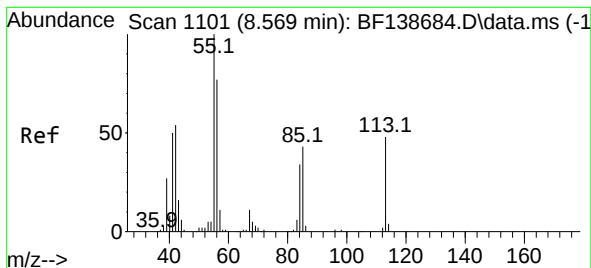
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 59.947 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:	225	Resp:	57234
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.2	76.8
227	66.4	51.1	76.7





#35

Caprolactam

Concen: 51.062 ng m

RT: 8.557 min Scan# 1101

Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

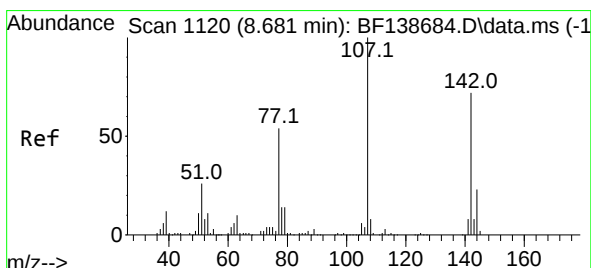
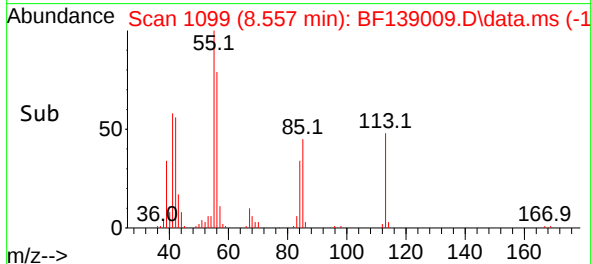
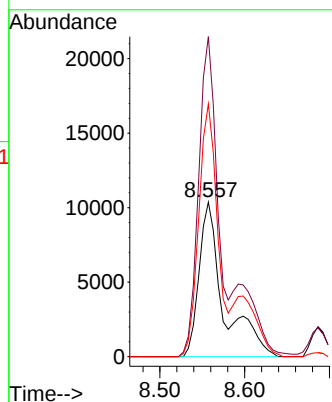
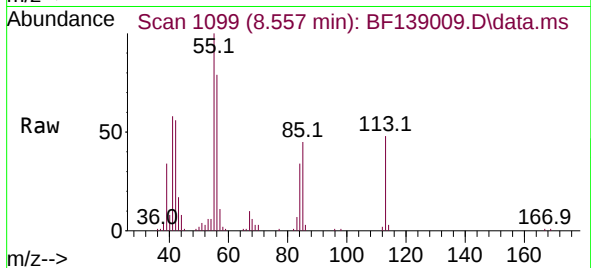
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:	113	Resp:	2081
Ion Ratio	Lower	Upper	
113	100		
55	207.1	186.7	226.7
56	163.7	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#36

4-Chloro-3-methylphenol

Concen: 50.208 ng

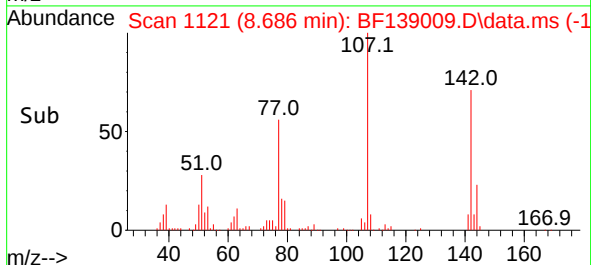
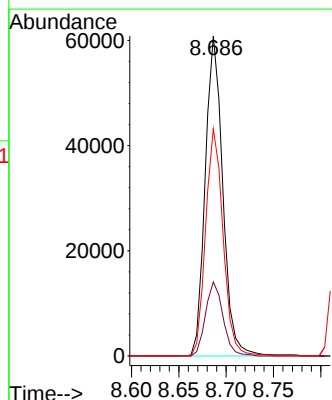
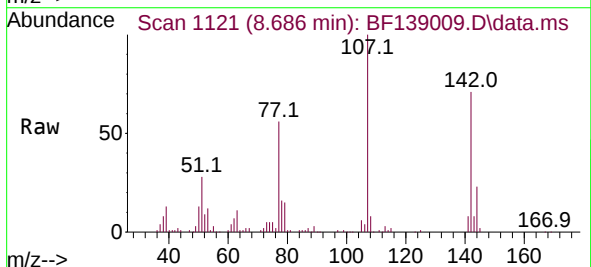
RT: 8.686 min Scan# 1121

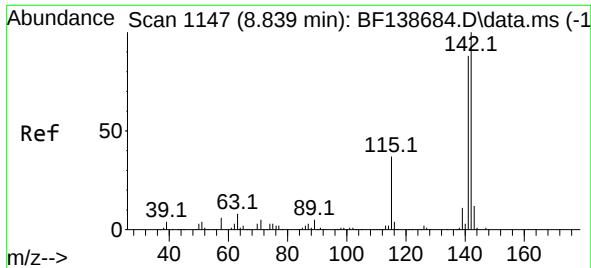
Delta R.T. 0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

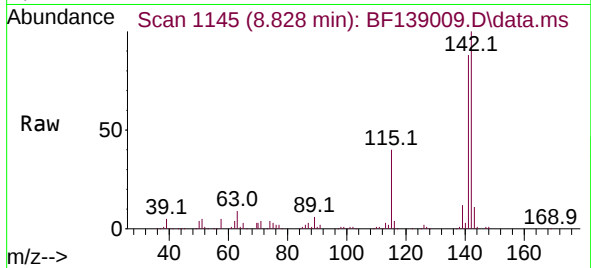
Tgt Ion:	107	Resp:	78375
Ion Ratio	Lower	Upper	
107	100		
144	23.1	18.2	27.2
142	70.9	57.4	86.2





#37
2-Methylnaphthalene
Concen: 51.092 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

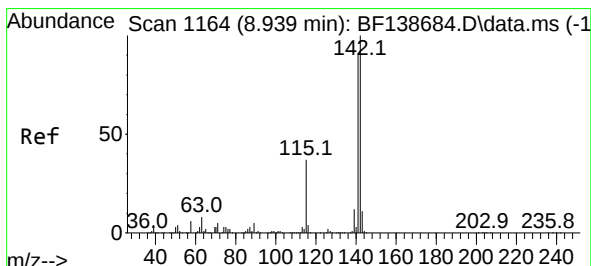
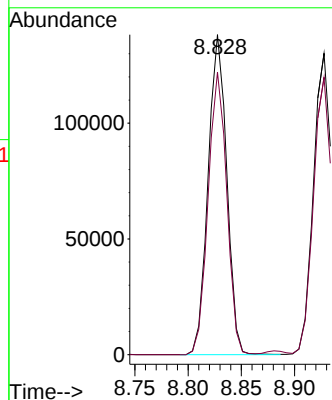
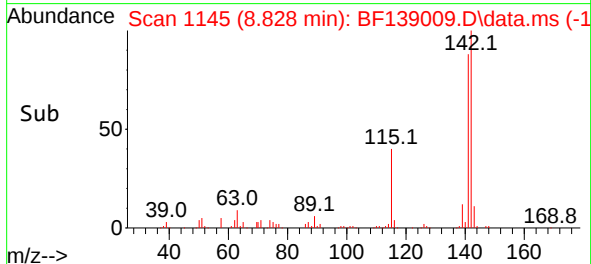
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:142 Resp: 168514
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

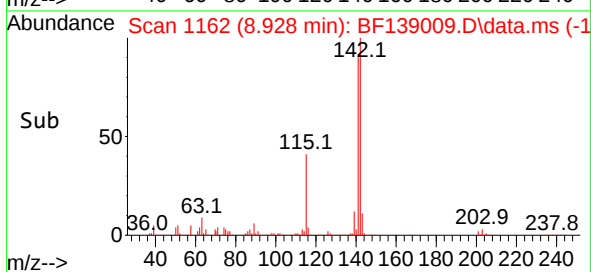
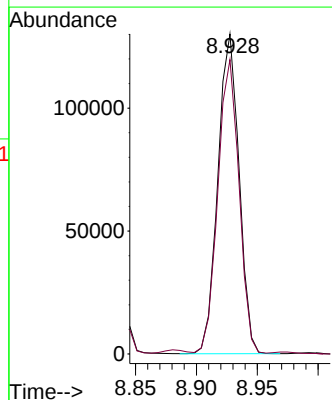
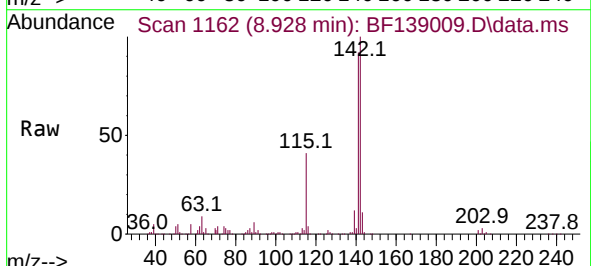
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 48.709 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

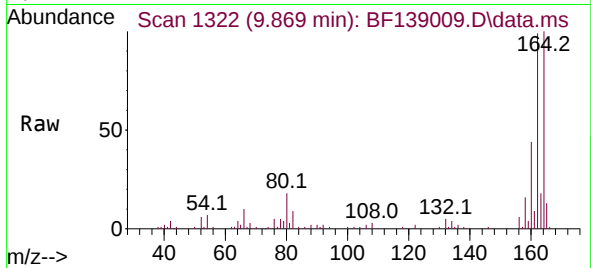
Tgt Ion:142 Resp: 157426
Ion Ratio Lower Upper
142 100
141 92.0 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. -0.011 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

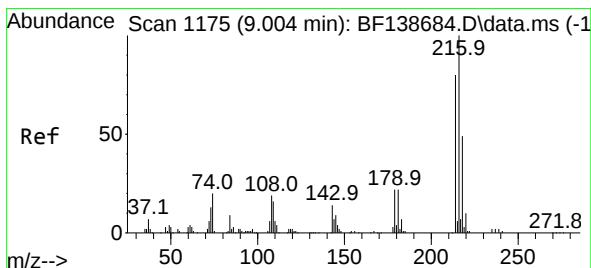
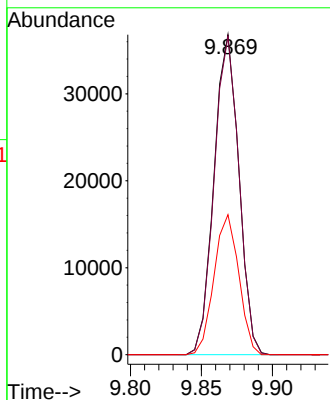
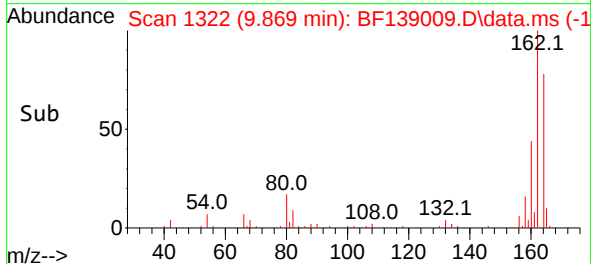
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MSD



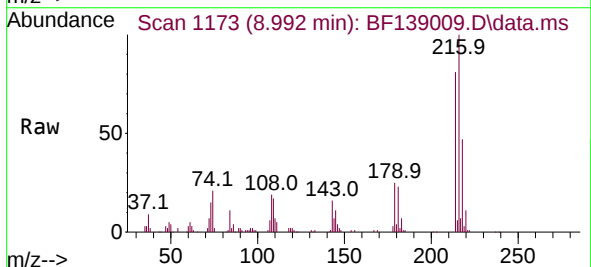
Tgt Ion:164 Resp: 4477
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.8 35.1 52.7

Manual Integrations
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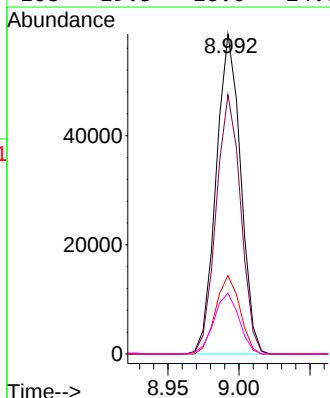
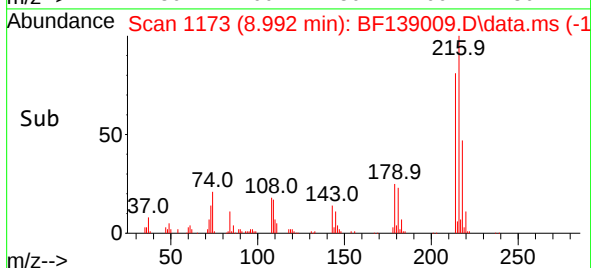
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.476 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



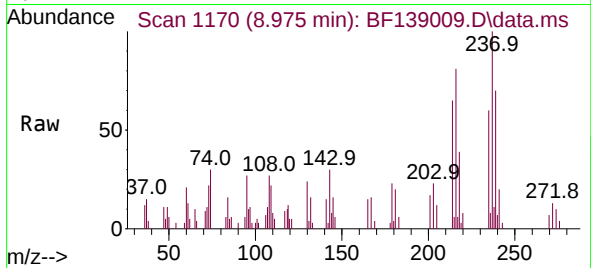
Tgt Ion:216 Resp: 70238
Ion Ratio Lower Upper
216 100
214 80.9 63.9 95.9
179 24.3 17.8 26.6
108 19.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 23.958 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

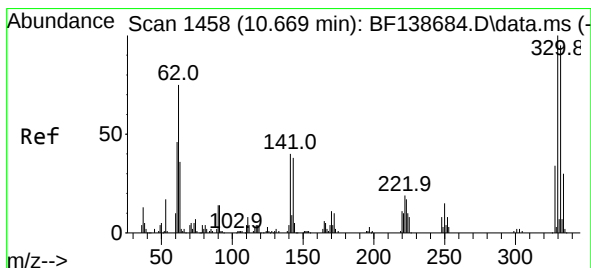
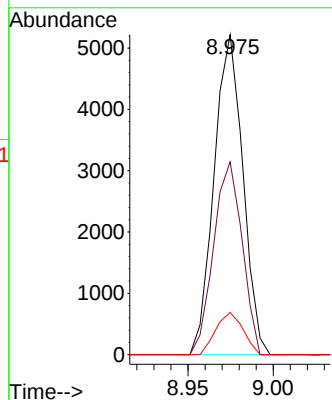
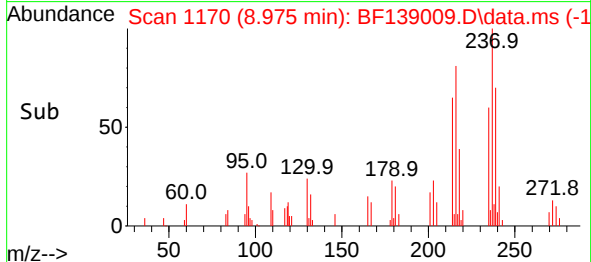
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



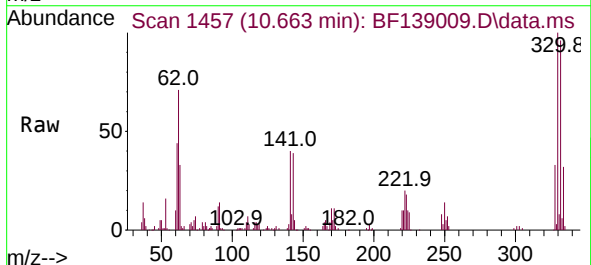
Tgt Ion: 237 Resp: 612
Ion Ratio Lower Upper
237 100
235 60.3 41.8 81.8
272 13.2 0.0 32.2

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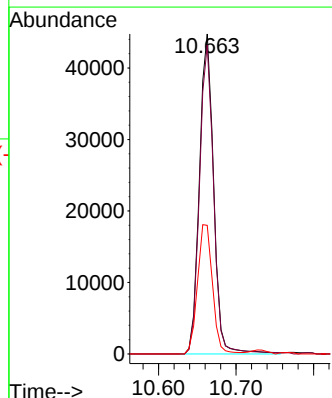
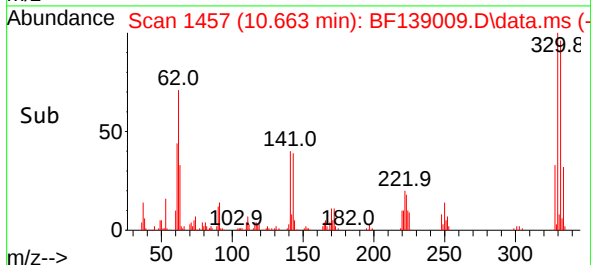
Reviewed By : Jagrut Upadhyay 08/15/2024
Supervised By : mohammad ahmed 08/16/2024



#42
2,4,6-Tribromophenol
Concen: 155.598 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



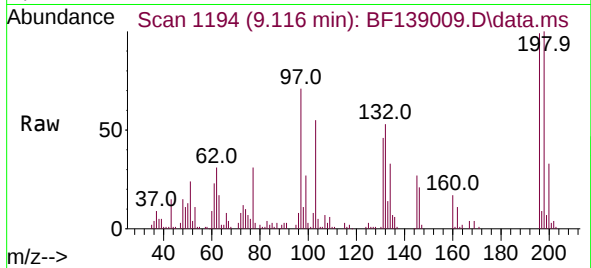
Tgt Ion: 330 Resp: 57063
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 42.5 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 57.909 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

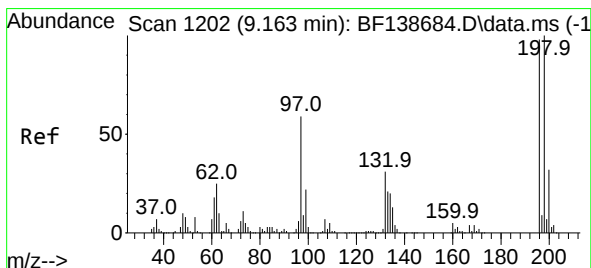
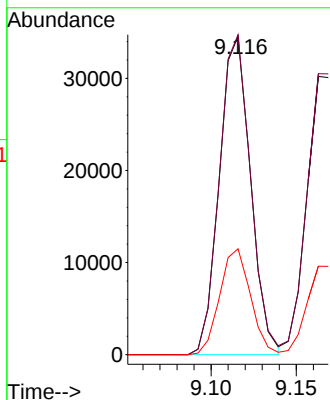
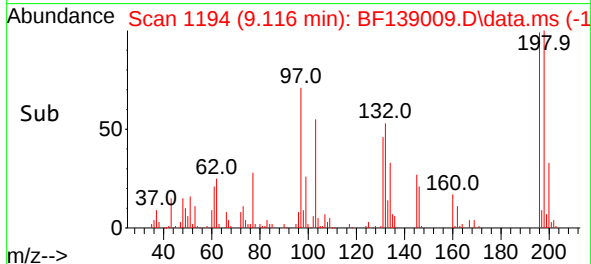
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



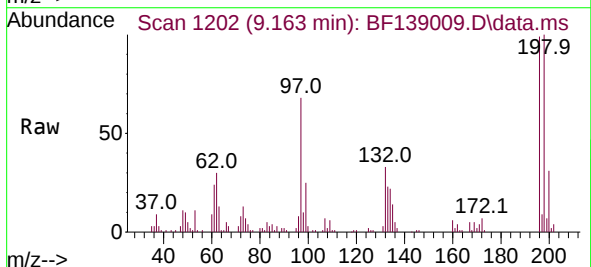
Tgt Ion:196 Resp: 43912
Ion Ratio Lower Upper
196 100
198 100.5 80.5 120.7
200 33.3 25.9 38.9

Manual Integrations
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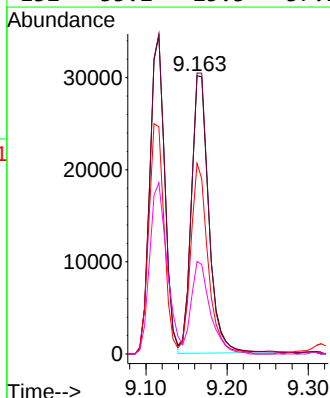
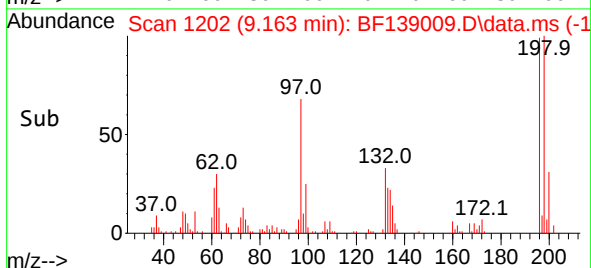
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

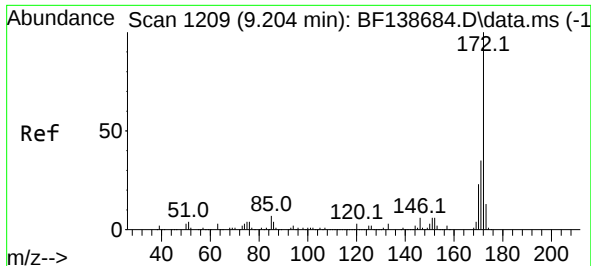


#44
2,4,5-Trichlorophenol
Concen: 54.197 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



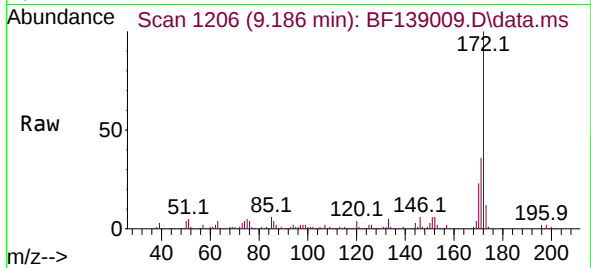
Tgt Ion:196 Resp: 44928
Ion Ratio Lower Upper
196 100
198 101.0 81.2 121.8
97 68.5 47.8 71.6
132 33.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.857 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

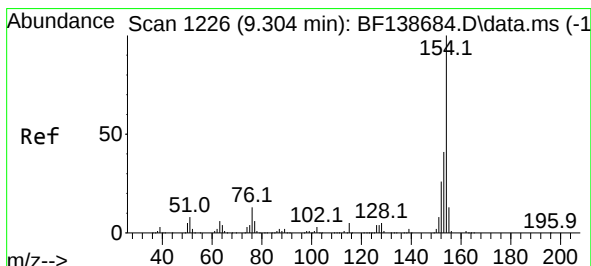
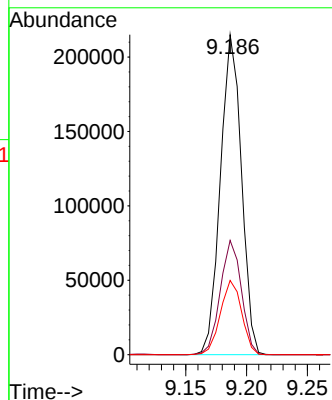
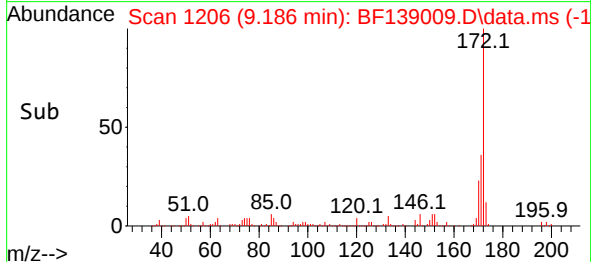
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:172 Resp: 258814
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 18.8 28.2

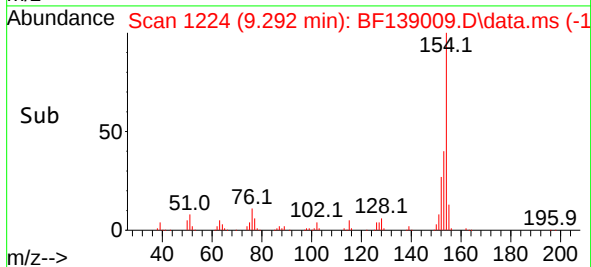
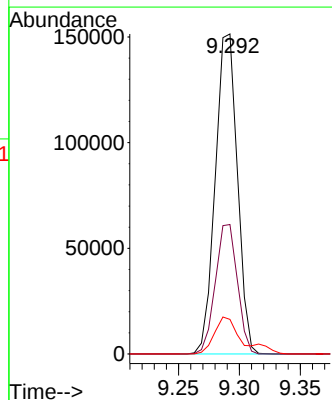
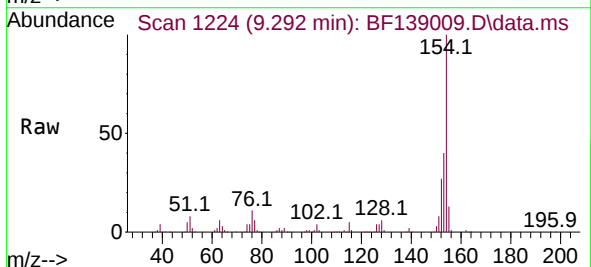
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 54.578 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:154 Resp: 191371
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 10.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 57.953 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

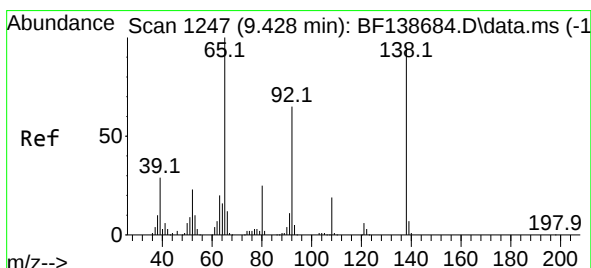
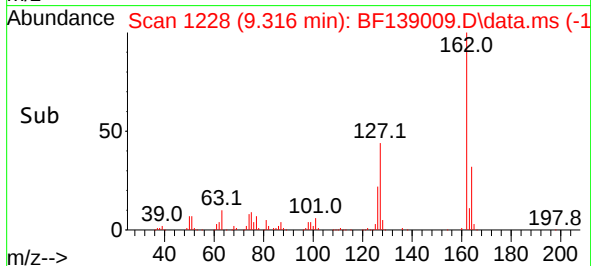
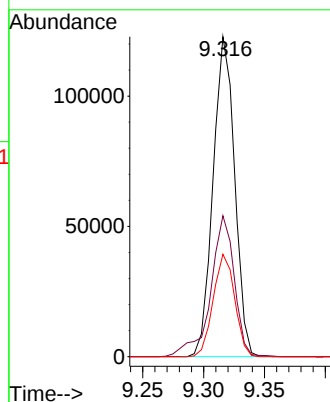
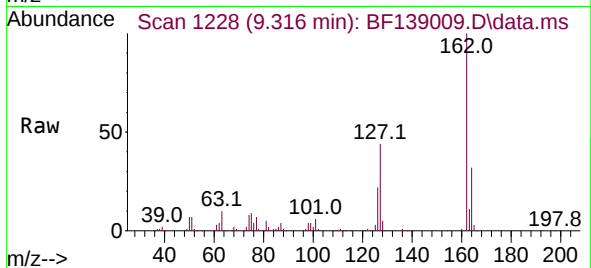
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:162 Resp: 15113
 Ion Ratio Lower Upper
 162 100
 127 44.0 35.4 53.2
 164 32.0 25.6 38.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#48

2-Nitroaniline

Concen: 64.519 ng

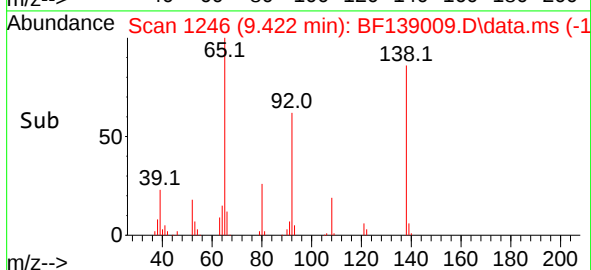
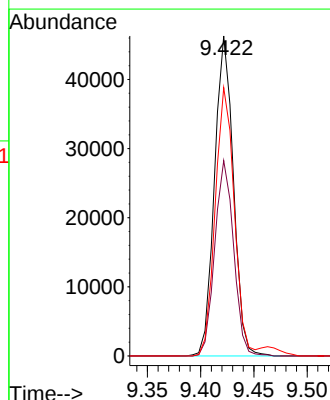
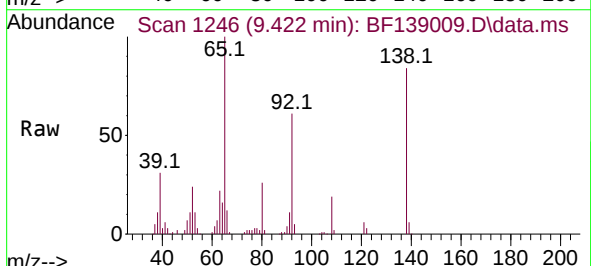
RT: 9.422 min Scan# 1246

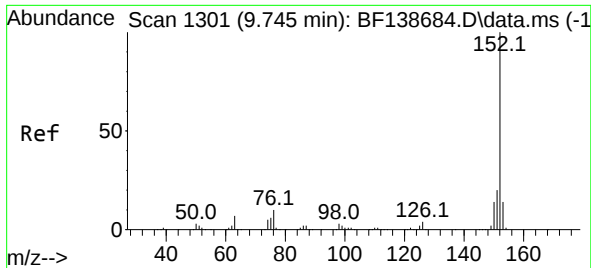
Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

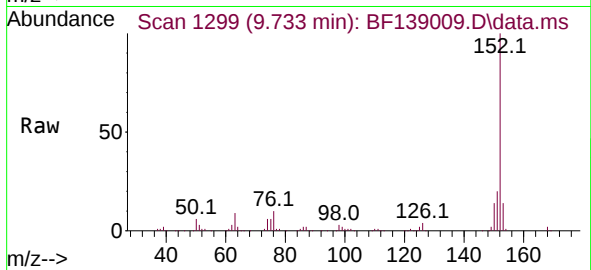
Tgt Ion: 65 Resp: 57040
 Ion Ratio Lower Upper
 65 100
 92 61.1 52.0 78.0
 138 83.9 76.2 114.4





#49
Acenaphthylene
Concen: 60.864 ng
RT: 9.733 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

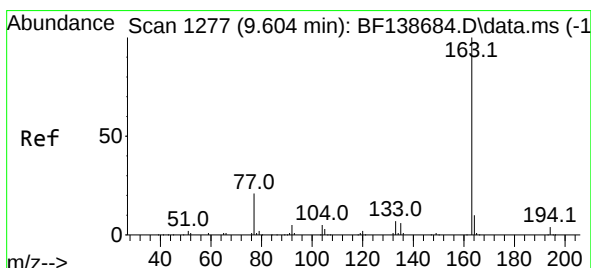
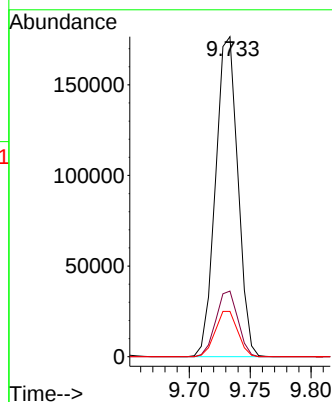
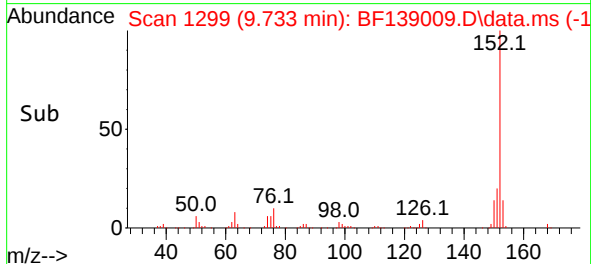
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



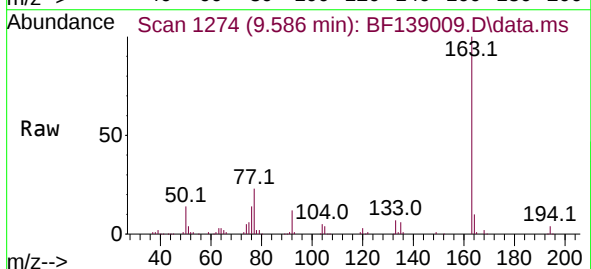
Tgt Ion:152 Resp: 225114
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.2 11.0 16.4

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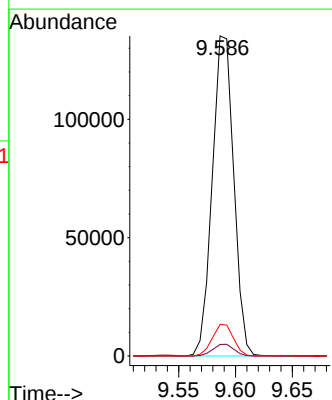
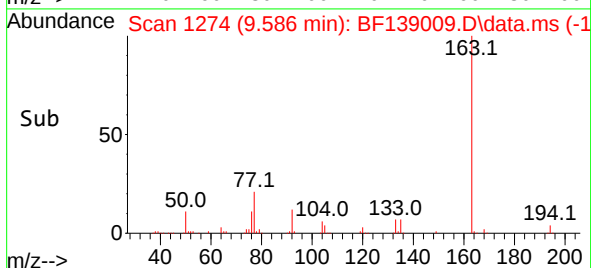
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

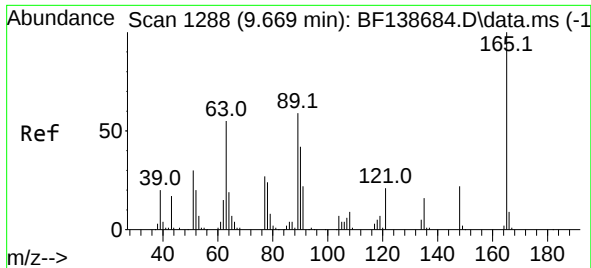


#50
Dimethylphthalate
Concen: 62.232 ng
RT: 9.586 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



Tgt Ion:163 Resp: 178154
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.9 7.8 11.8





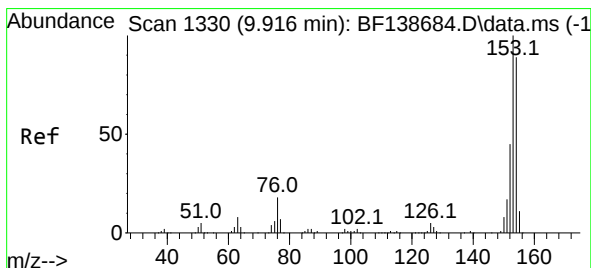
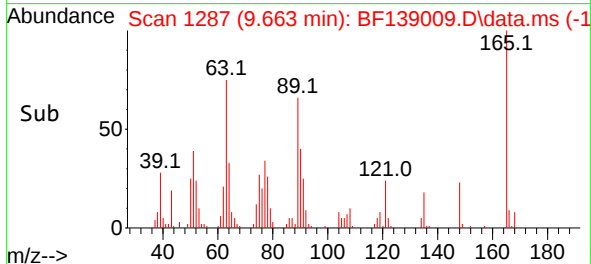
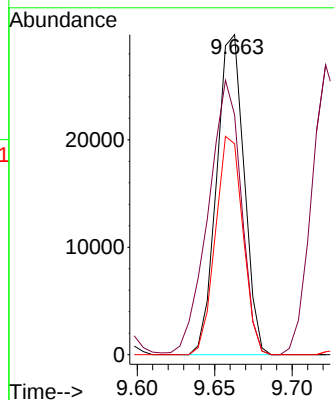
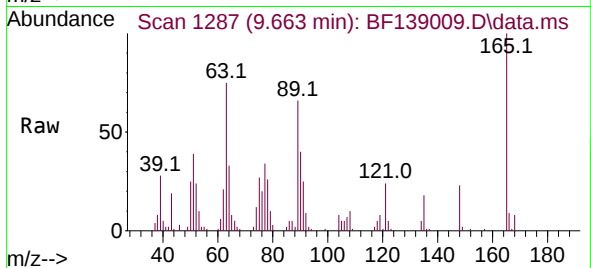
#51
2,6-Dinitrotoluene
Concen: 56.865 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:165 Resp: 36738
Ion Ratio Lower Upper
165 100
63 75.0 52.0 78.0
89 65.9 47.0 70.6

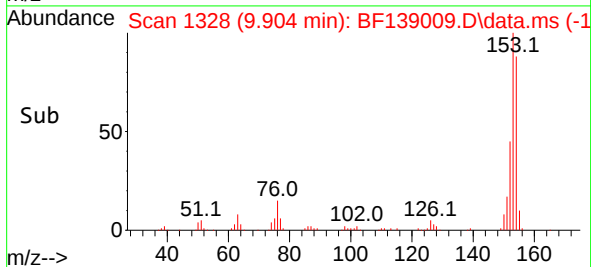
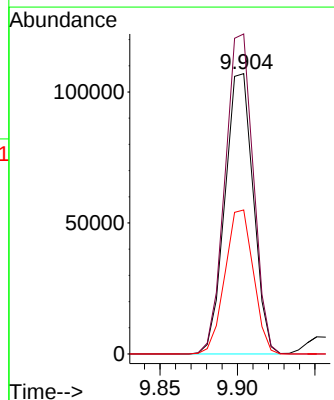
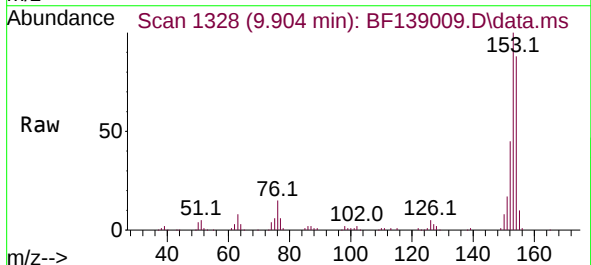
Manual Integrations
APPROVED

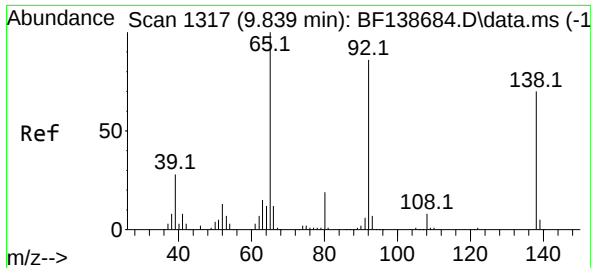
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 54.811 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

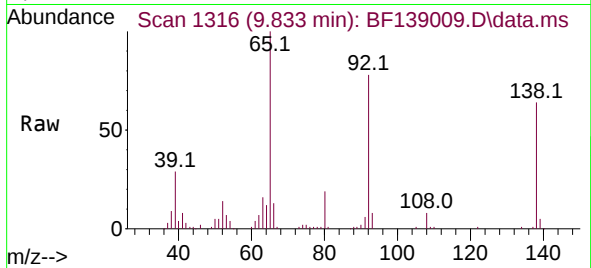
Tgt Ion:154 Resp: 136276
Ion Ratio Lower Upper
154 100
153 114.1 89.9 134.9
152 51.3 40.6 60.8





#53
3-Nitroaniline
Concen: 47.008 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

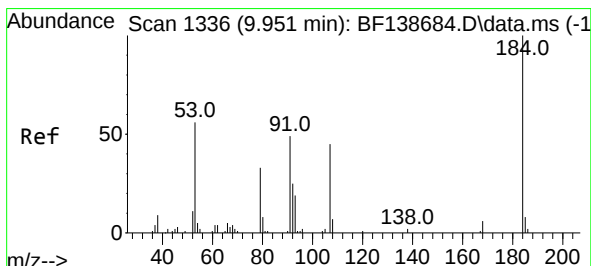
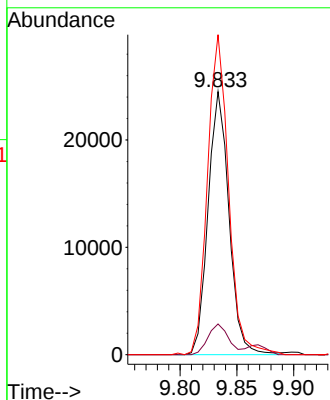
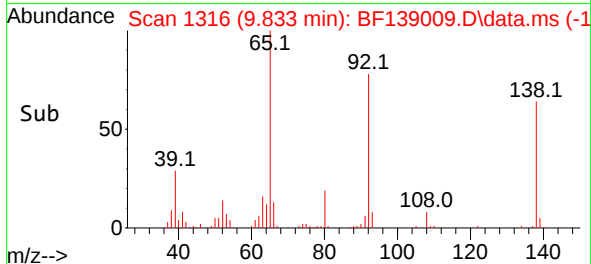
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:138 Resp: 31390
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 121.6 98.7 148.1

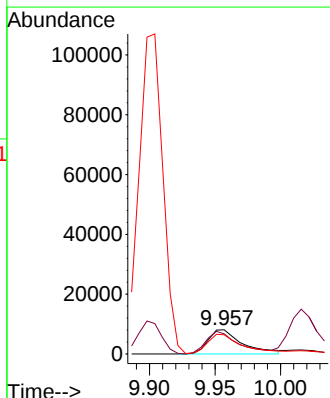
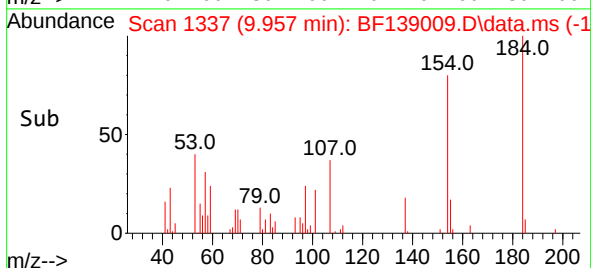
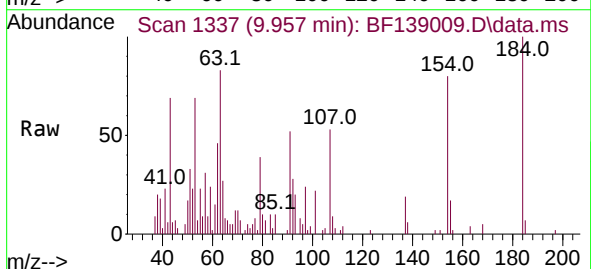
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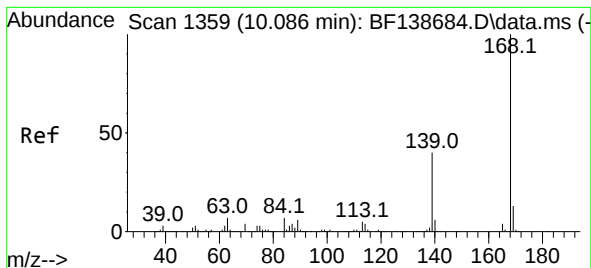
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 49.236 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

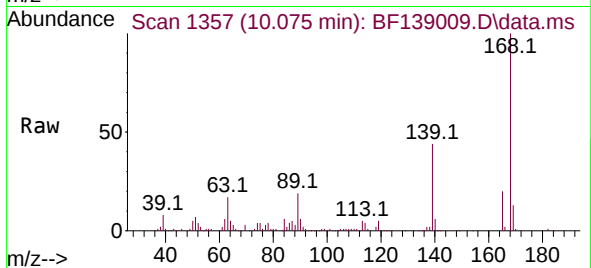
Tgt Ion:184 Resp: 14643
Ion Ratio Lower Upper
184 100
63 83.3 57.5 86.3
154 79.6 51.7 77.5#





#55
Dibenzenofuran
Concen: 58.467 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

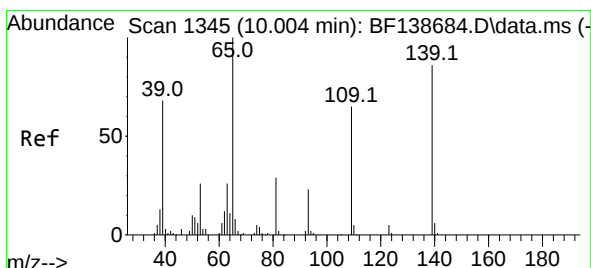
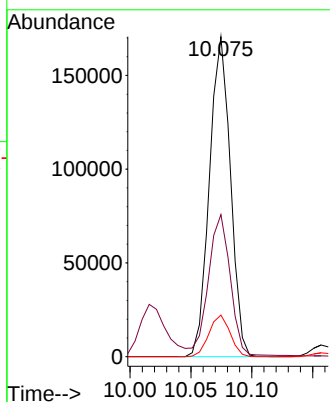
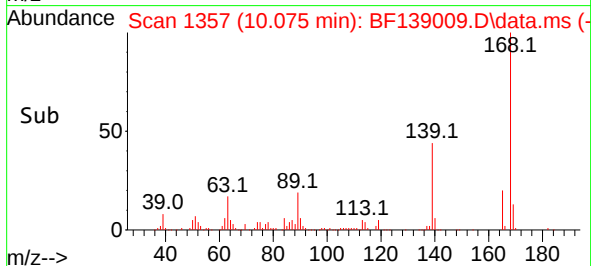
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:168 Resp: 20520
Ion Ratio Lower Upper
168 100
139 44.4 32.6 49.0
169 13.0 10.7 16.1

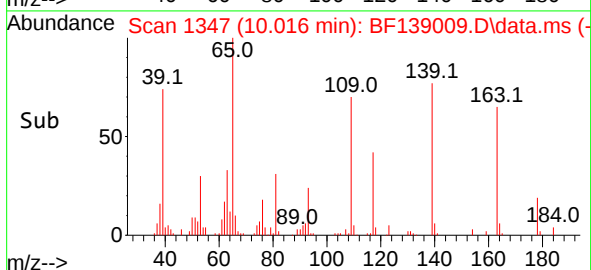
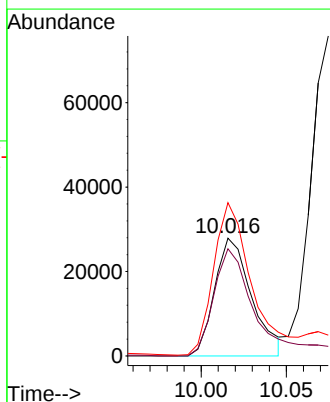
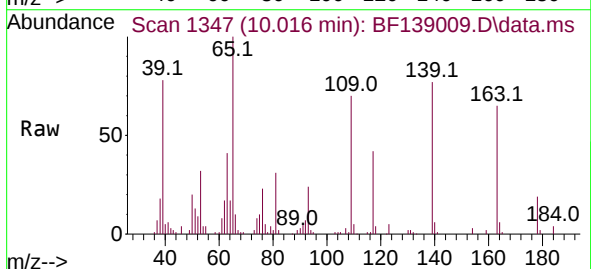
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#56
4-Nitrophenol
Concen: 104.842 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

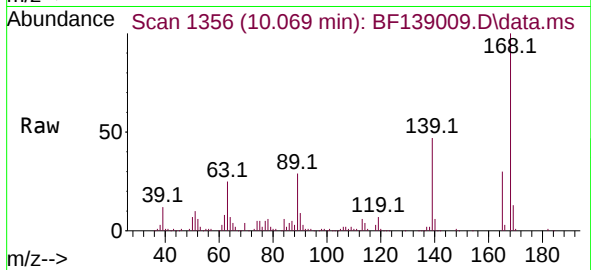
Tgt Ion:139 Resp: 42108
Ion Ratio Lower Upper
139 100
109 91.1 55.5 95.5
65 130.1 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 60.713 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

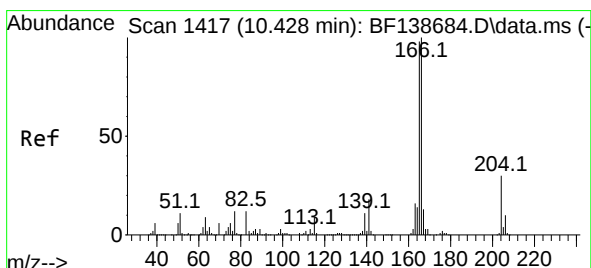
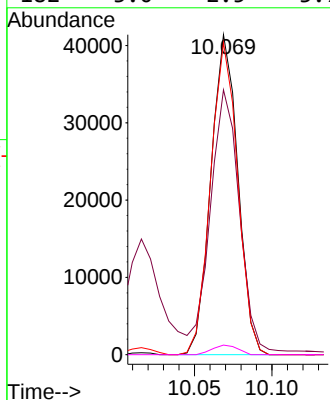
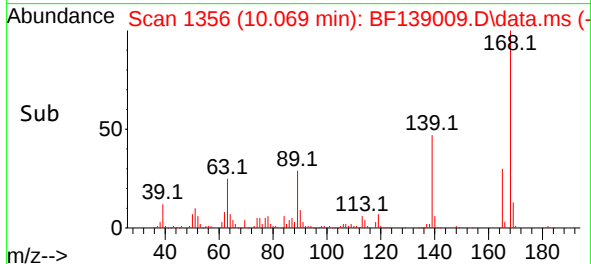
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:165 Resp: 50044
Ion Ratio Lower Upper
165 100
63 82.7 46.3 69.5
89 97.5 64.2 96.4
182 3.0 2.5 3.7

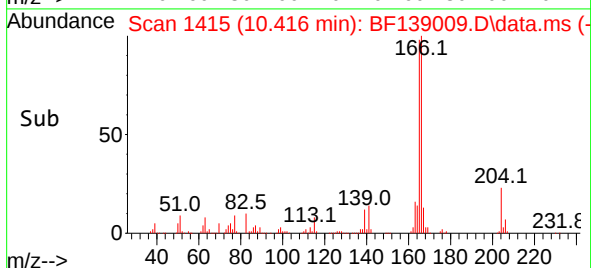
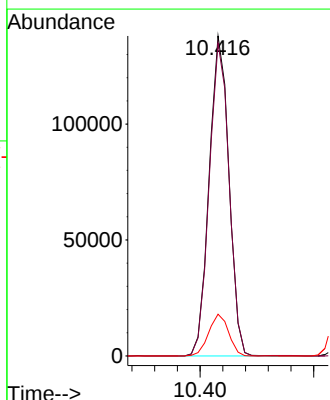
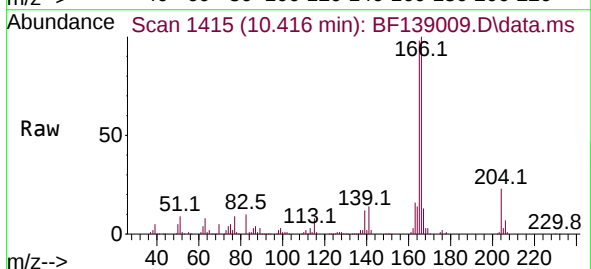
Manual Integrations
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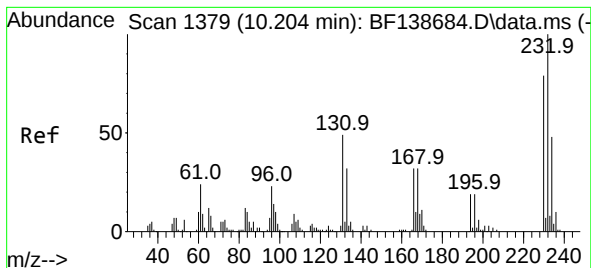
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 59.585 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

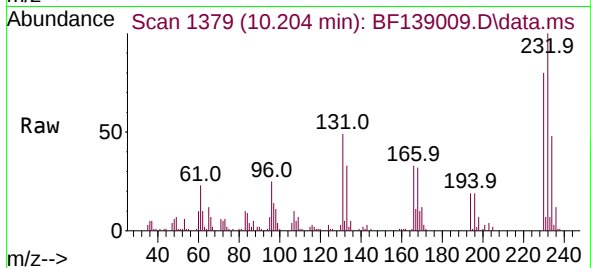
Tgt Ion:166 Resp: 166533
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.110 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

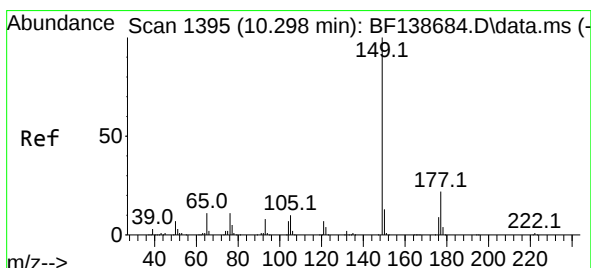
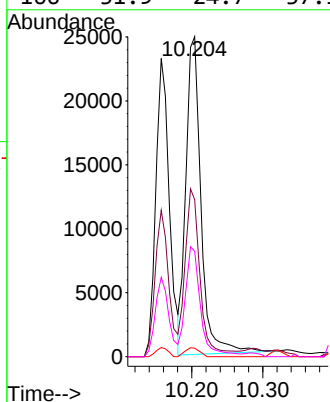
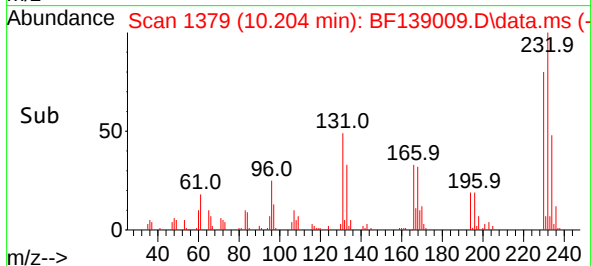
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



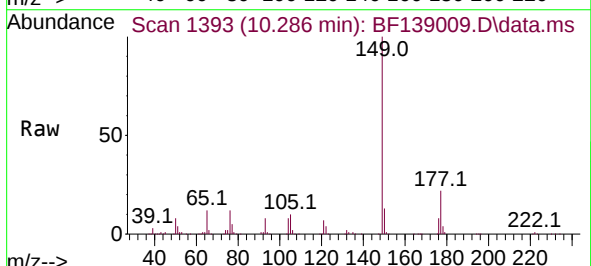
Tgt Ion:232 Resp: 36828
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.4
130 2.7 2.0 3.0
166 31.9 24.7 37.1

Manual Integrations
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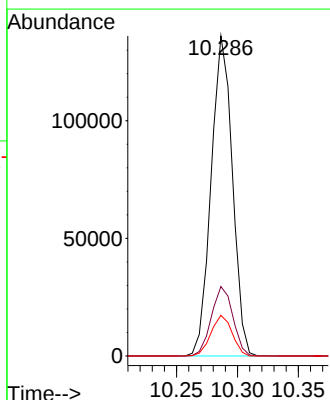
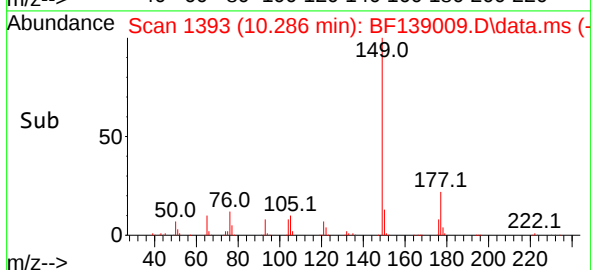
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

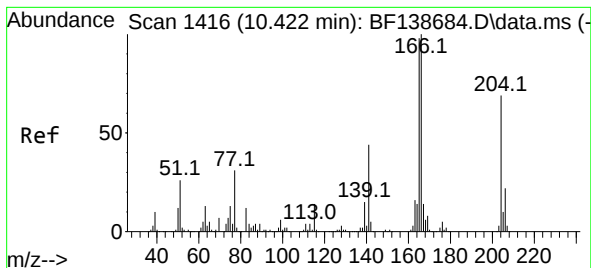


#60
Diethylphthalate
Concen: 60.967 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



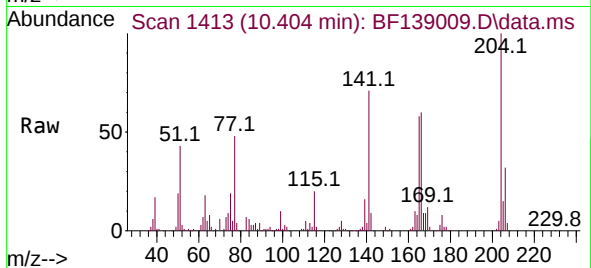
Tgt Ion:149 Resp: 165485
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 56.913 ng
RT: 10.404 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

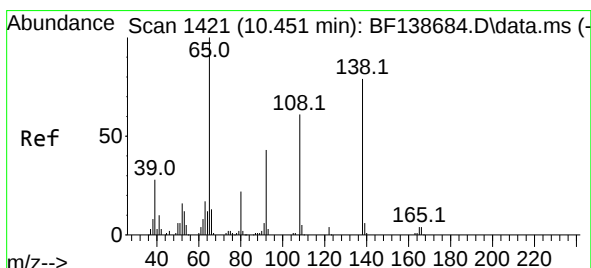
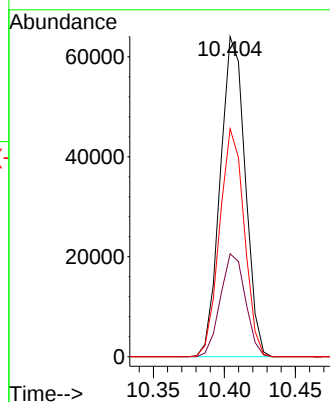
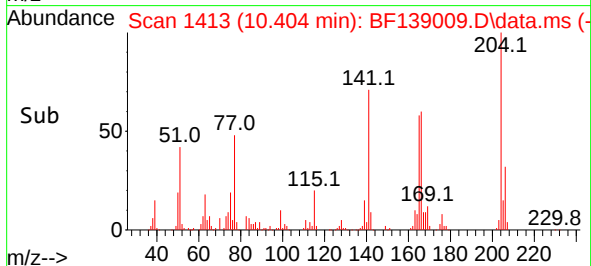
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:204 Resp: 7823
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 71.2 51.4 77.0

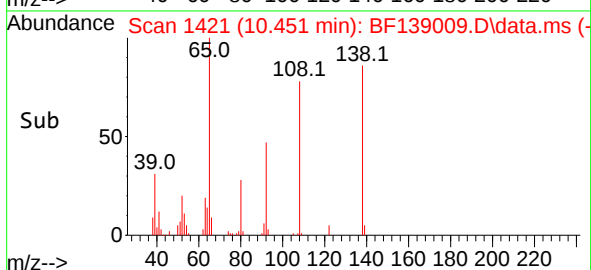
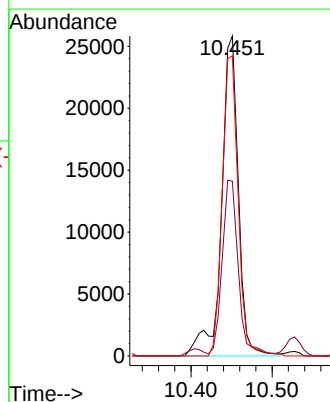
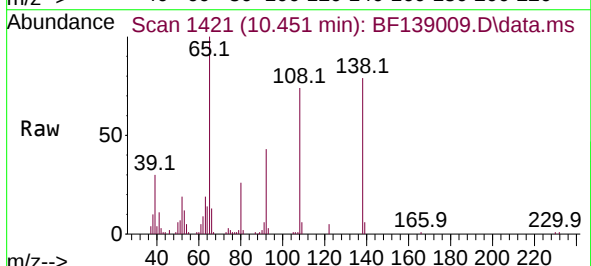
Manual Integrations
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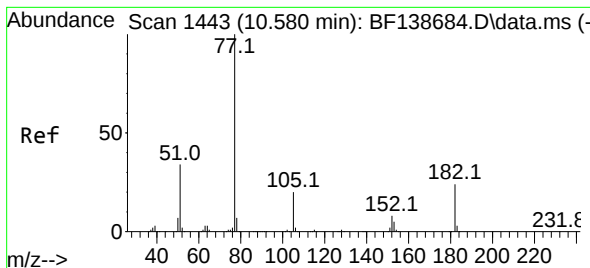
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#62
4-Nitroaniline
Concen: 58.910 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

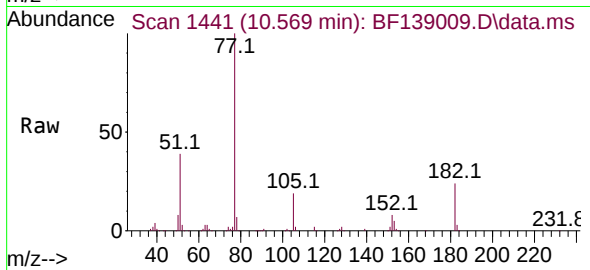
Tgt Ion:138 Resp: 37390
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 93.8 56.2 96.2





#63
Azobenzene
Concen: 59.252 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

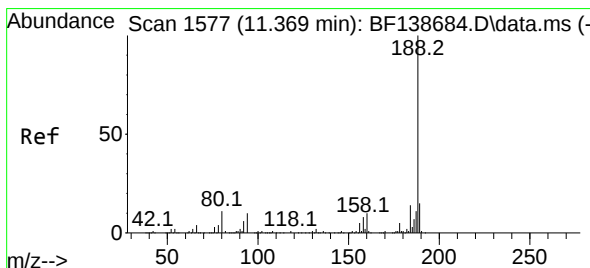
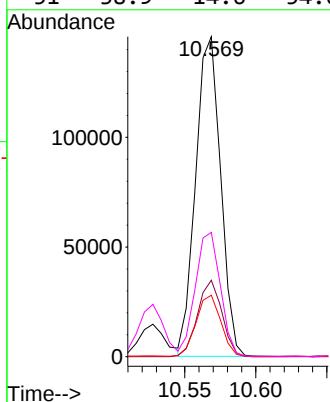
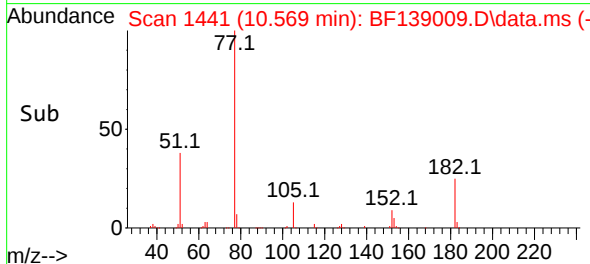
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion: 77 Resp: 178370
Ion Ratio Lower Upper
77 100
182 23.9 3.4 43.4
105 19.2 0.2 40.2
51 38.9 14.6 54.6

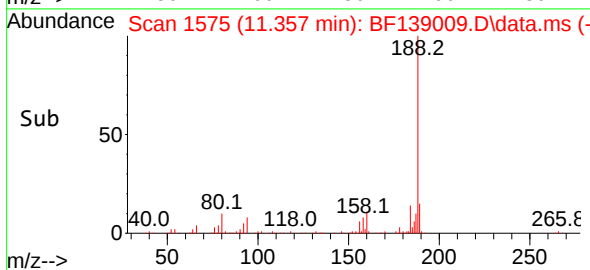
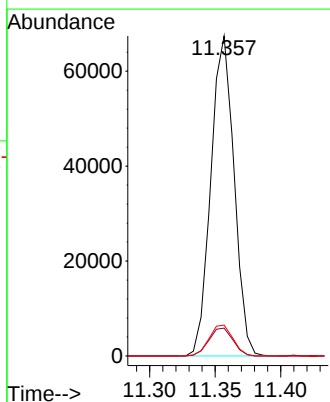
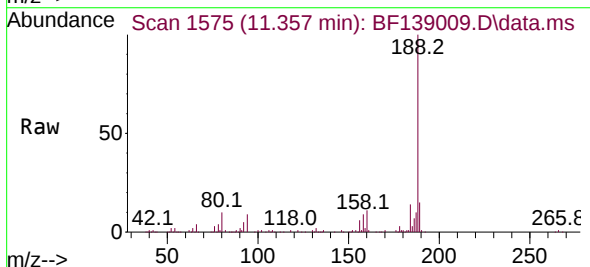
Manual Integrations
APPROVED

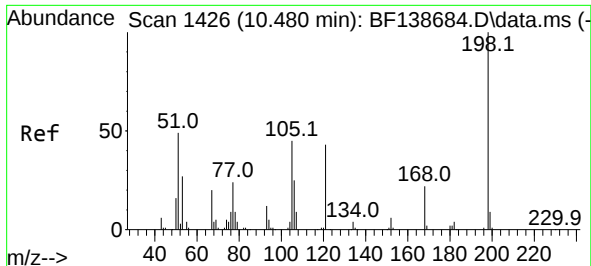
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

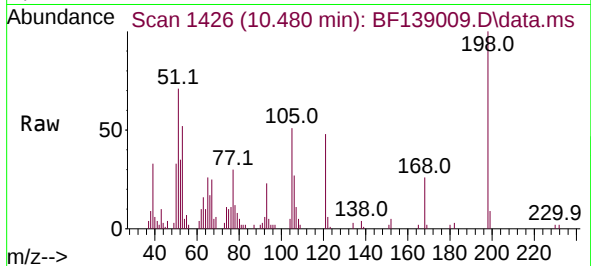
Tgt Ion:188 Resp: 83010
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.6 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 31.199 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

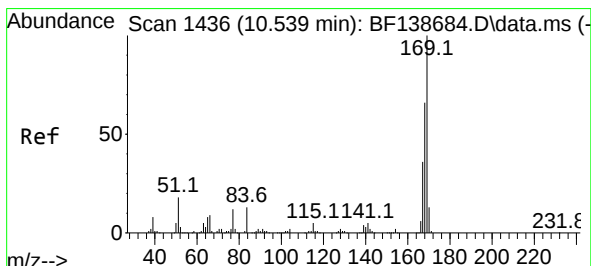
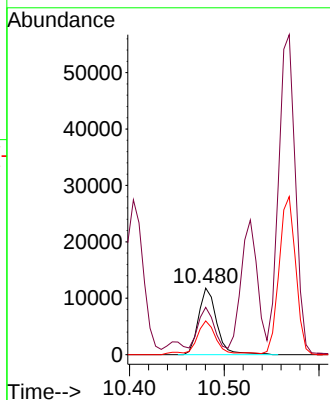
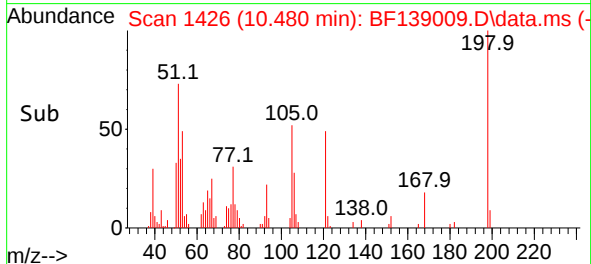
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



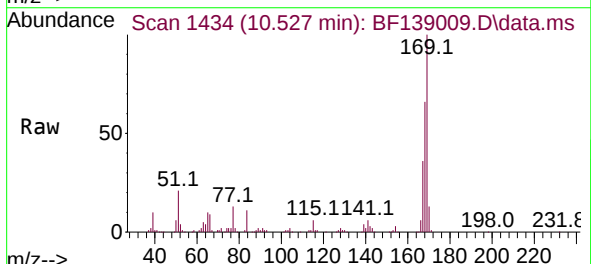
Tgt Ion:198 Resp: 15800
Ion Ratio Lower Upper
198 100
51 71.2 39.9 79.9
105 50.7 26.1 66.1

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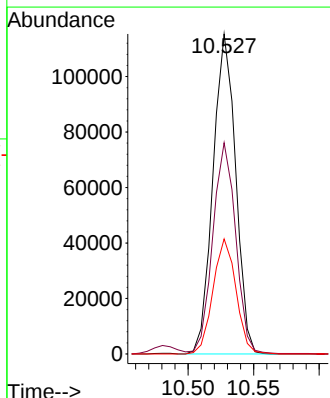
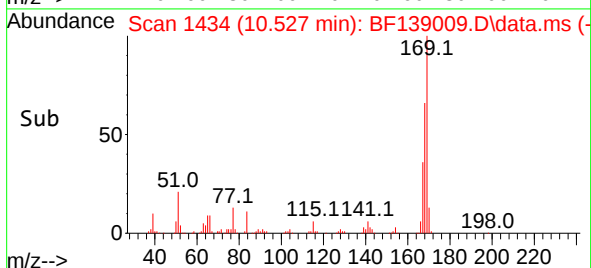
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 53.389 ng
RT: 10.527 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



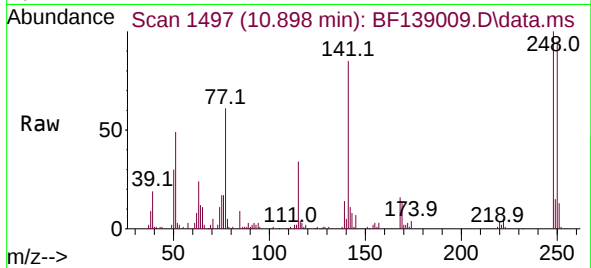
Tgt Ion:169 Resp: 138530
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.744 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

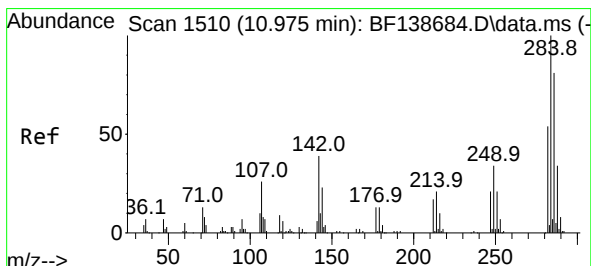
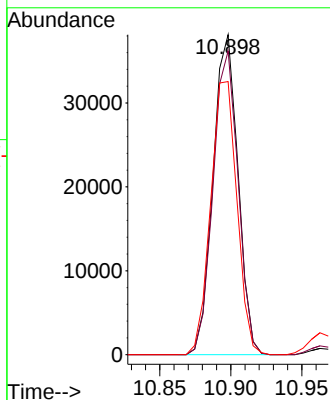
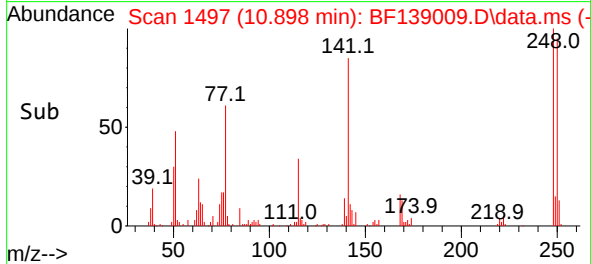
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:248 Resp: 46504
Ion Ratio Lower Upper
248 100
250 94.9 77.7 116.5
141 85.4 68.0 102.0

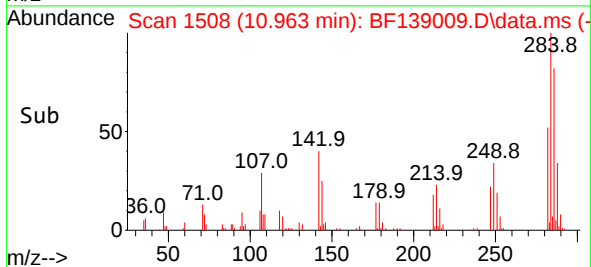
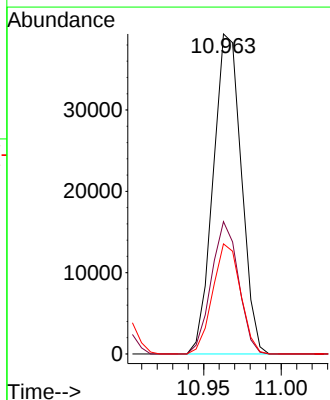
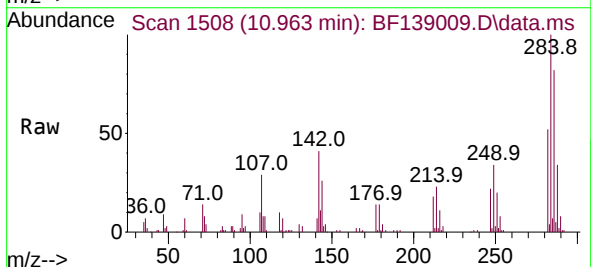
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#68
Hexachlorobenzene
Concen: 53.622 ng
RT: 10.963 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:284 Resp: 49759
Ion Ratio Lower Upper
284 100
142 41.3 31.3 46.9
249 34.4 27.2 40.8





#69

Atrazine

Concen: 66.708 ng

RT: 11.057 min Scan# 11057

Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

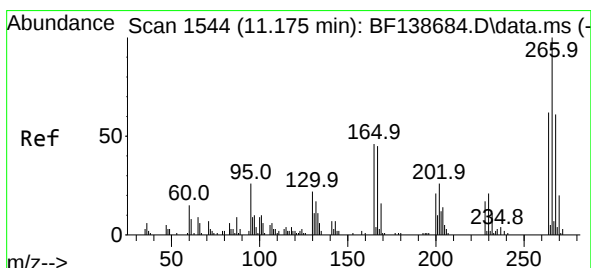
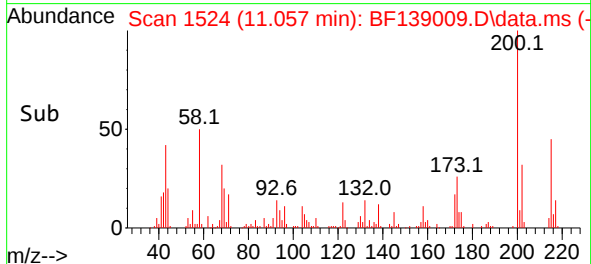
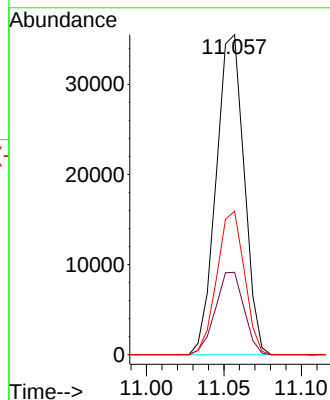
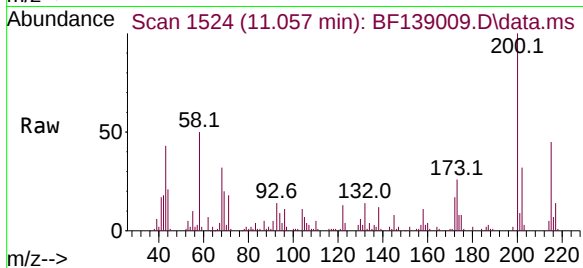
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:200 Resp: 4465
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.0 46.0
 215 44.9 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
 Supervised By :mohammad ahmed 08/16/2024



#70

Pentachlorophenol

Concen: 100.651 ng

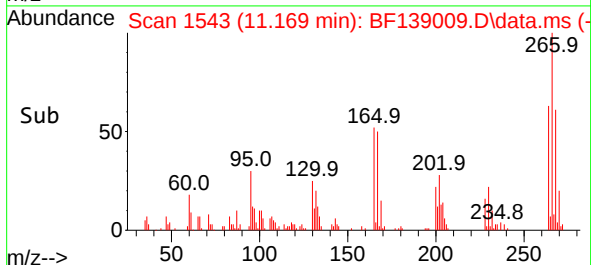
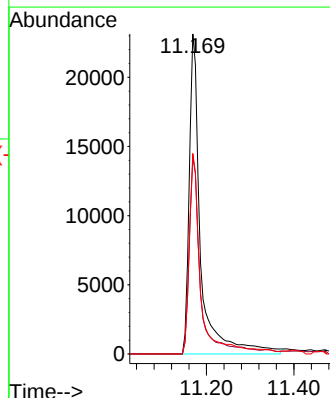
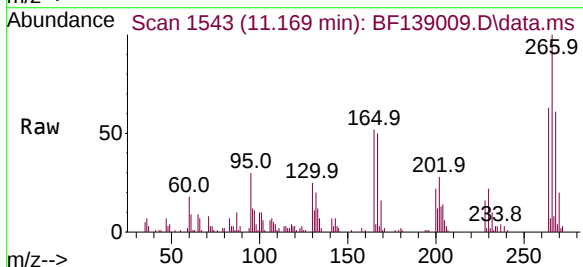
RT: 11.169 min Scan# 1543

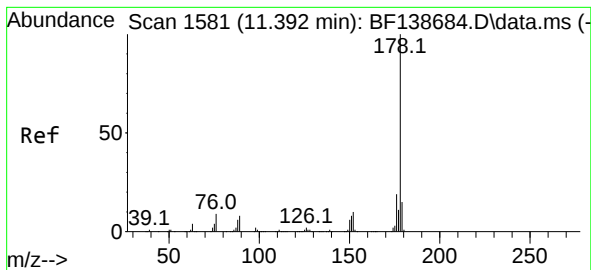
Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Tgt Ion:266 Resp: 42099
 Ion Ratio Lower Upper
 266 100
 268 61.5 49.2 73.8
 264 62.6 49.8 74.6





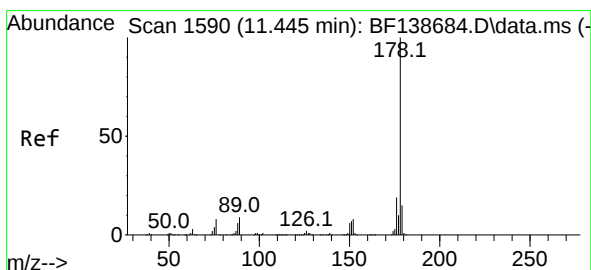
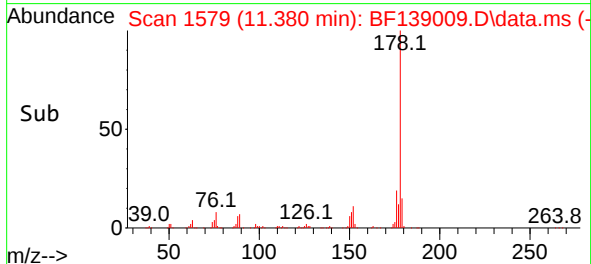
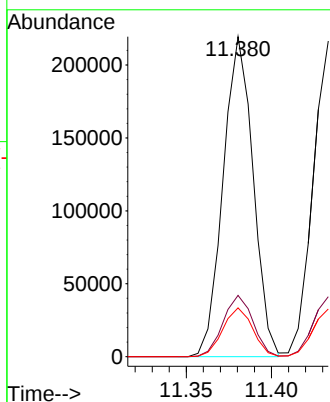
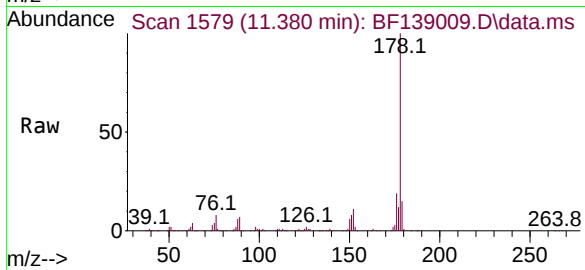
#71
Phenanthrene
Concen: 62.776 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:178 Resp: 268325
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

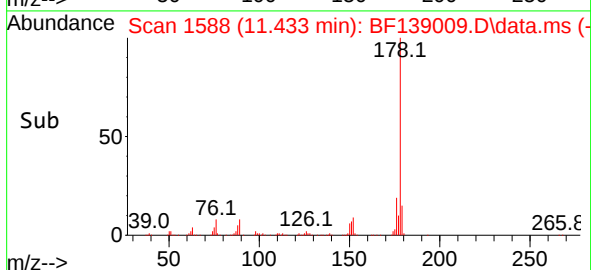
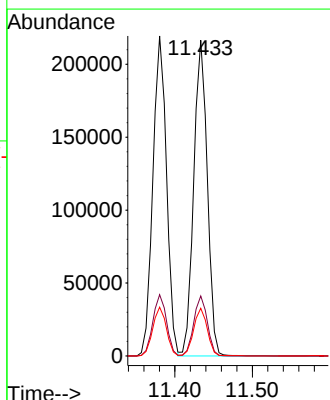
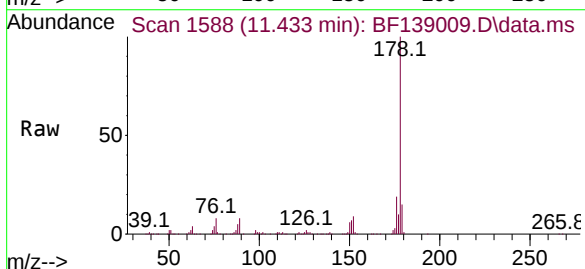
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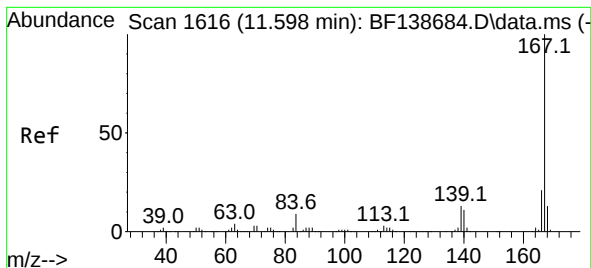
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#72
Anthracene
Concen: 62.511 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:178 Resp: 263223
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.1 12.4 18.6





#73

Carbazole

Concen: 66.795 ng

RT: 11.592 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF139009.D

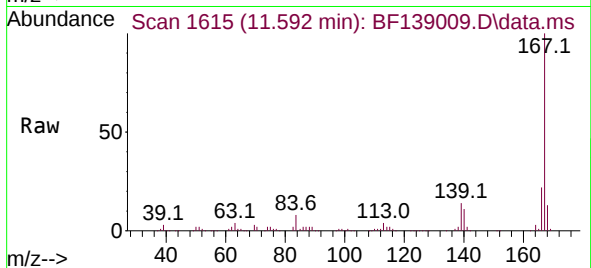
Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MSD

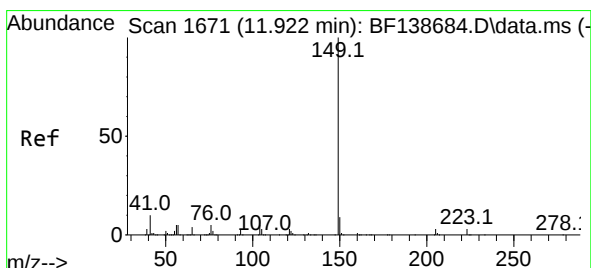
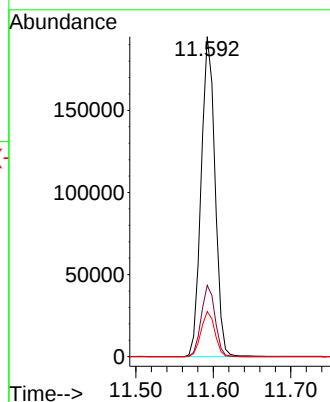
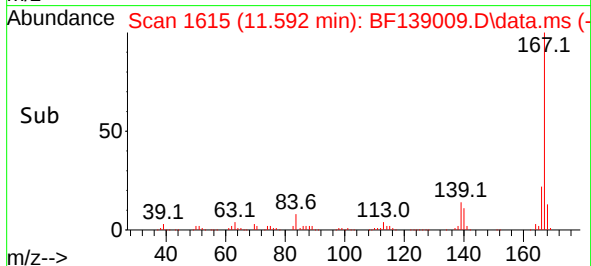


Tgt Ion:167	Resp: 24265
Ion Ratio	Lower Upper
167	100
166	22.3 17.2 25.8
139	14.1 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#74

Di-n-butylphthalate

Concen: 67.911 ng

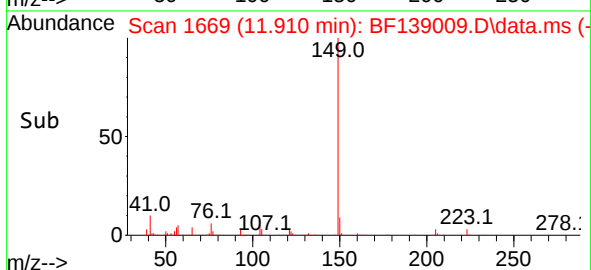
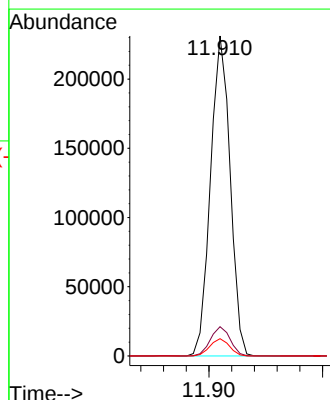
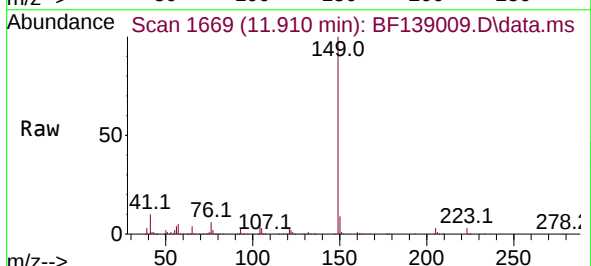
RT: 11.910 min Scan# 1669

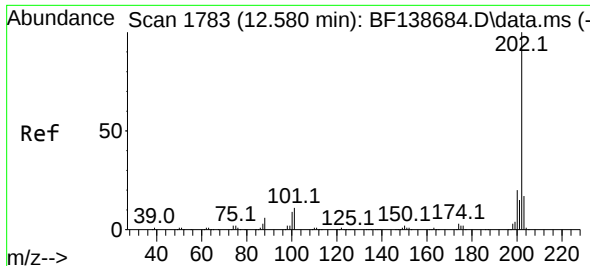
Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

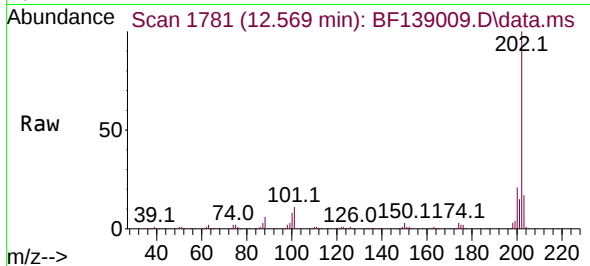
Tgt Ion:149	Resp: 277345
Ion Ratio	Lower Upper
149	100
150	9.2 7.4 11.0
104	5.4 4.1 6.1





#75
Fluoranthene
Concen: 77.542 ng
RT: 12.569 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

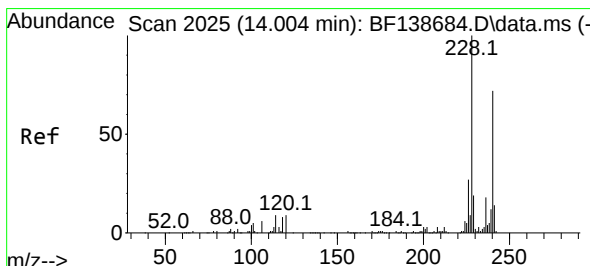
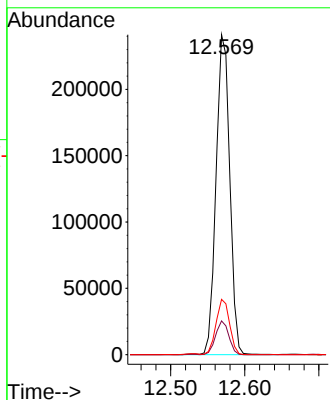
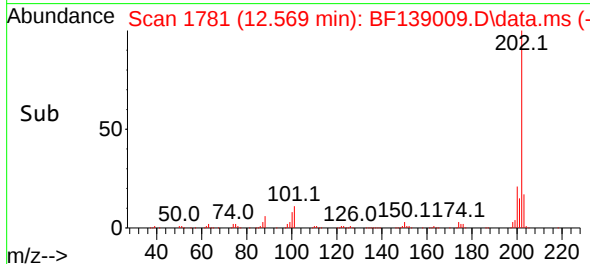
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:202 Resp: 30942
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.3 0.0 37.3

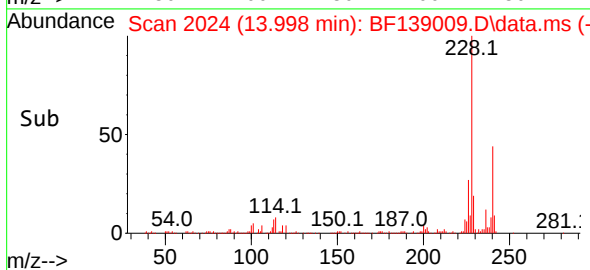
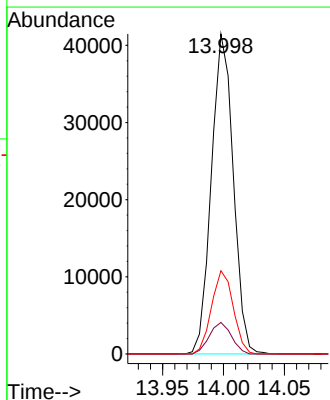
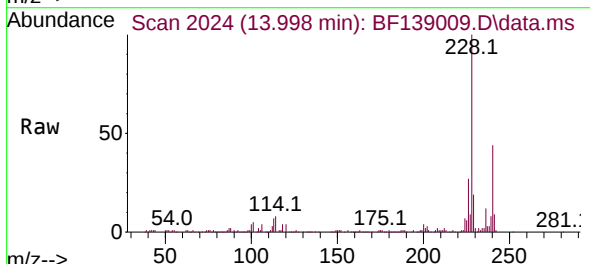
Manual Integrations
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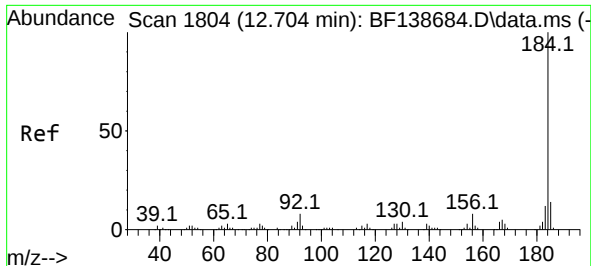
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

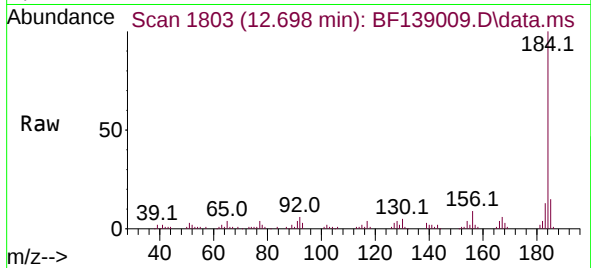
Tgt Ion:240 Resp: 51880
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 26.0 19.8 29.8





#77
Benzidine
Concen: 46.216 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

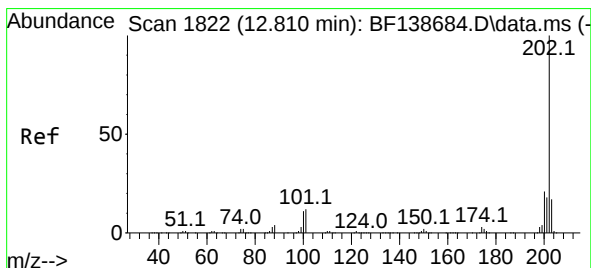
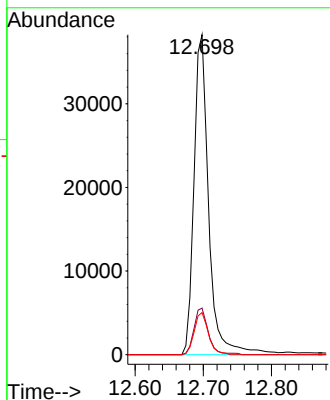
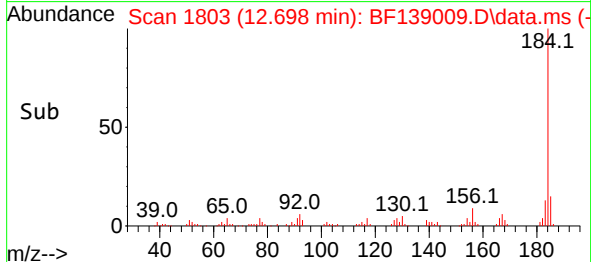
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:184 Resp: 57349
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 13.2 9.6 14.4

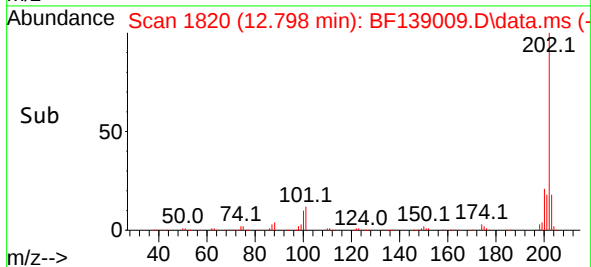
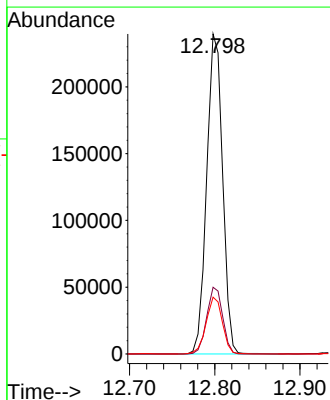
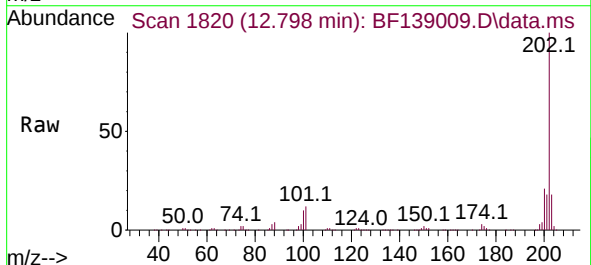
Manual Integrations
APPROVED

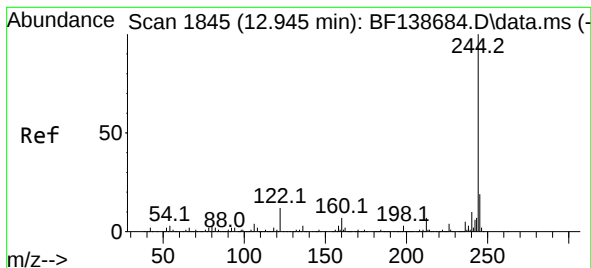
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#78
Pyrene
Concen: 63.615 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:202 Resp: 310736
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 98.738 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

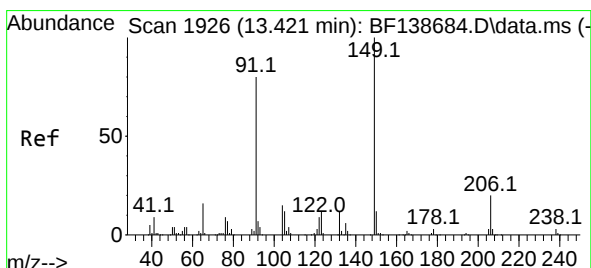
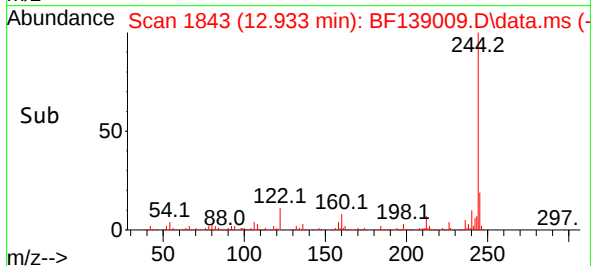
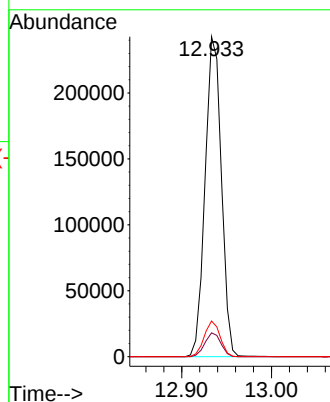
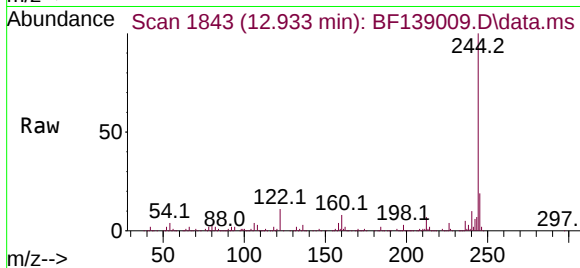
S-866-N-S0-1.0-1.5-080524MSD

Tgt Ion:244	Resp: 30595
Ion Ratio	Lower Upper
244	100
212	7.4 5.4 8.2
122	11.2 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#80

Butylbenzylphthalate

Concen: 77.240 ng

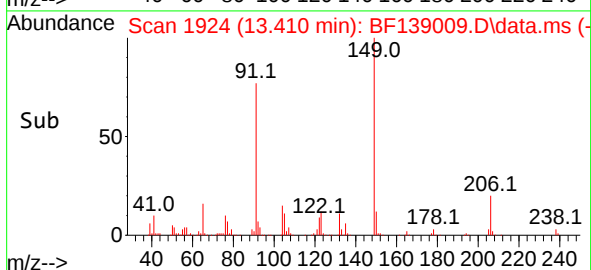
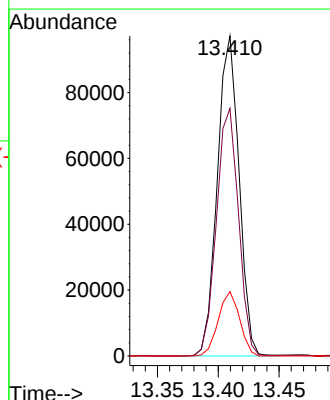
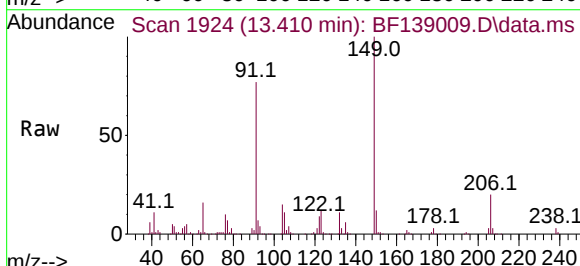
RT: 13.410 min Scan# 1924

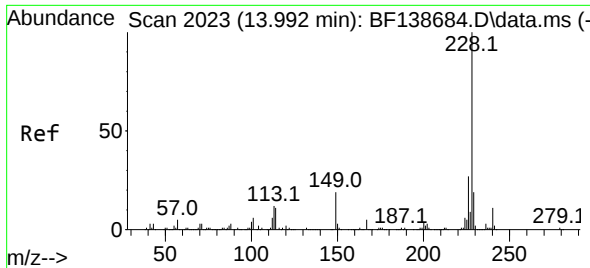
Delta R.T. -0.012 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

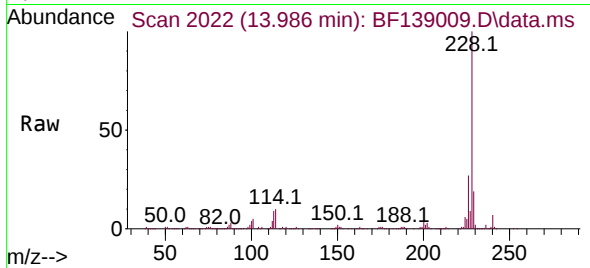
Tgt Ion:149	Resp: 120819
Ion Ratio	Lower Upper
149	100
91	77.3 63.7 95.5
206	20.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 64.211 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

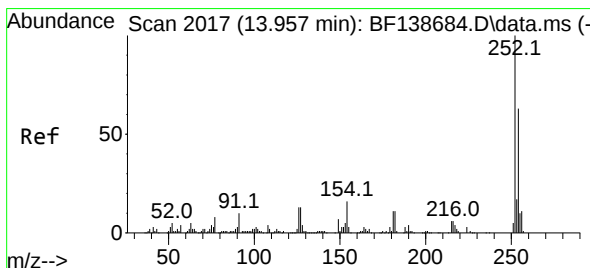
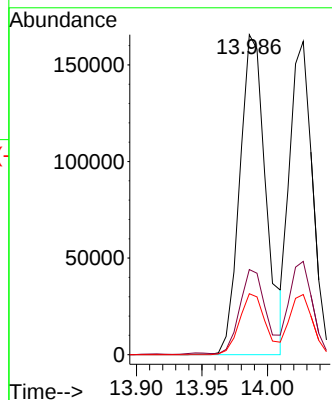
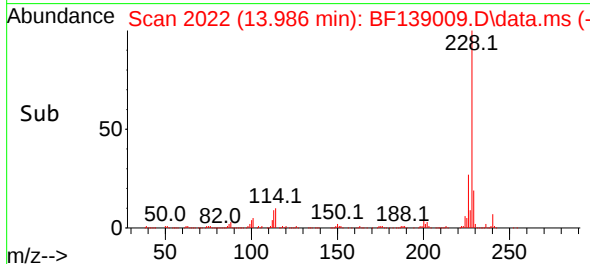
Instrument : BNA_F
ClientSampleId : S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:228 Resp: 229398
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 19.1 15.4 23.0

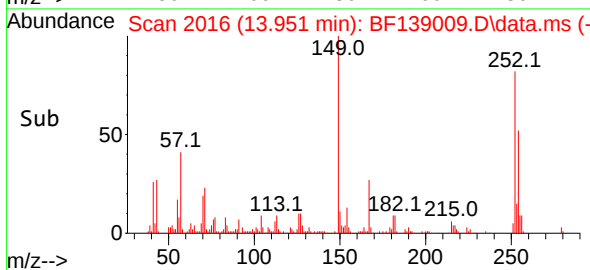
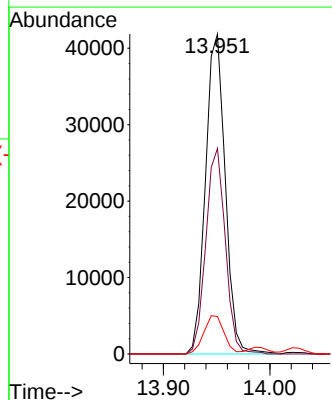
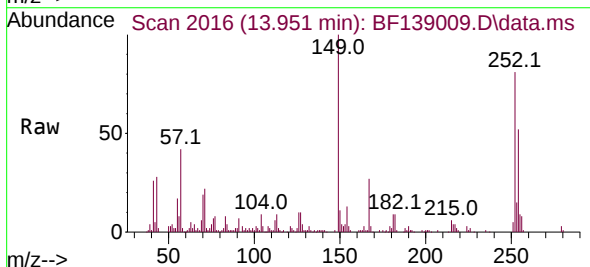
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#82
3,3'-Dichlorobenzidine
Concen: 59.134 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

Tgt Ion:252 Resp: 54062
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 11.7 10.2 15.2





#83

Chrysene

Concen: 60.123 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139009.D

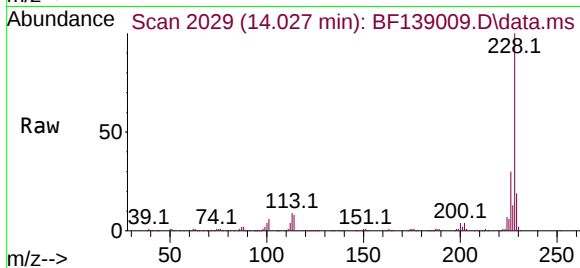
Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MSD



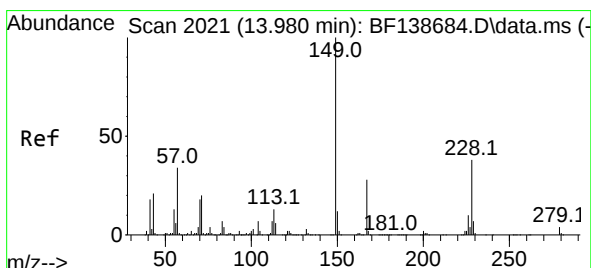
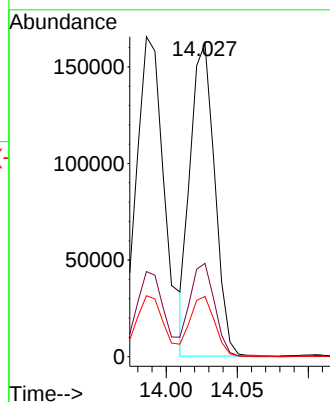
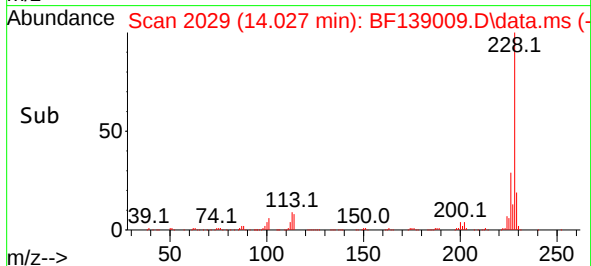
Tgt Ion:228 Resp: 193784

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.7	35.5
229	19.2	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.573 ng

RT: 13.963 min Scan# 2018

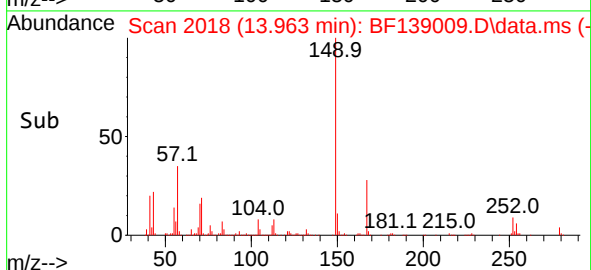
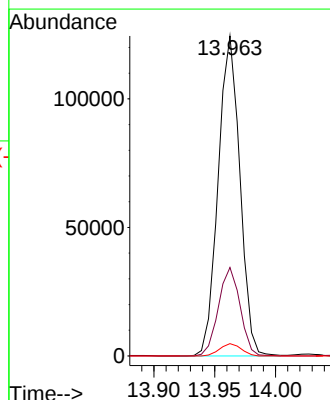
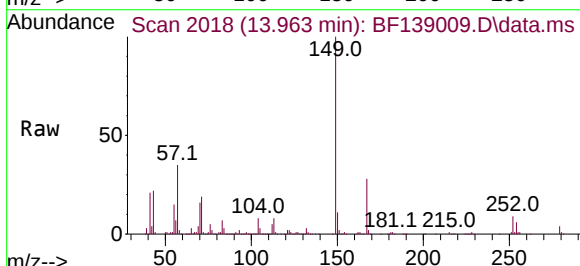
Delta R.T. -0.018 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

Tgt Ion:149 Resp: 154776

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.8	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 51.622 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139009.D

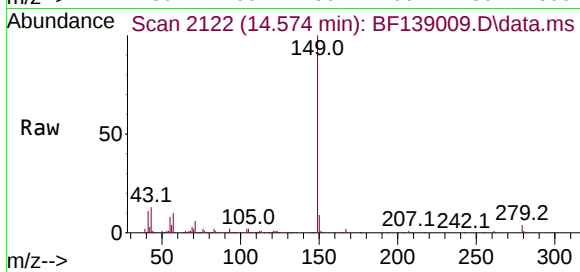
Acq: 14 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-1.0-1.5-080524MSD



Tgt Ion:149 Resp: 21876

Ion Ratio Lower Upper

149 100

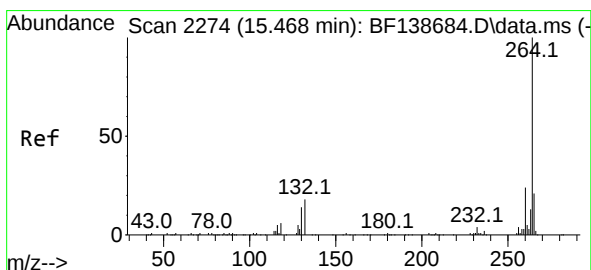
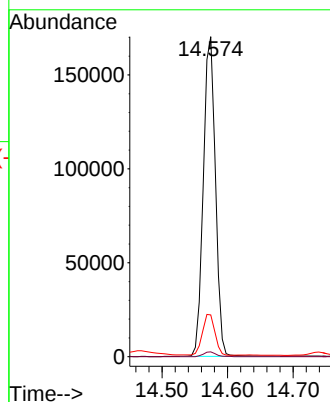
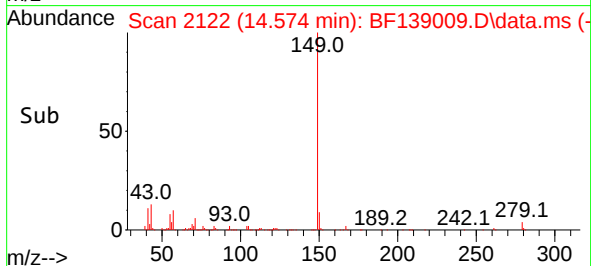
167 1.6 1.4 2.0

43 13.2 10.4 15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139009.D

Acq: 14 Aug 2024 22:47

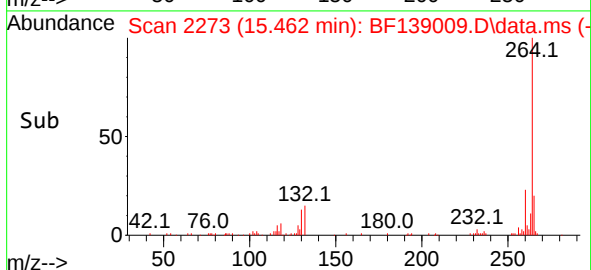
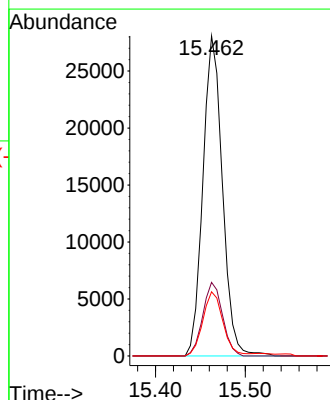
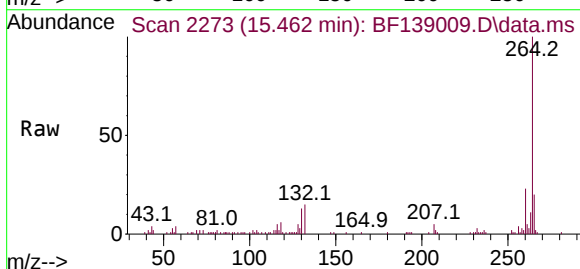
Tgt Ion:264 Resp: 42398

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

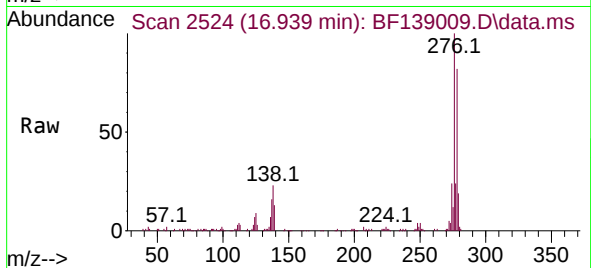
265 20.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.896 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

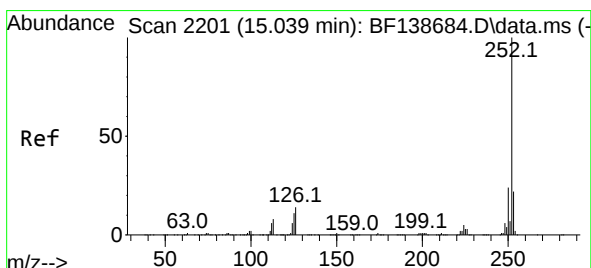
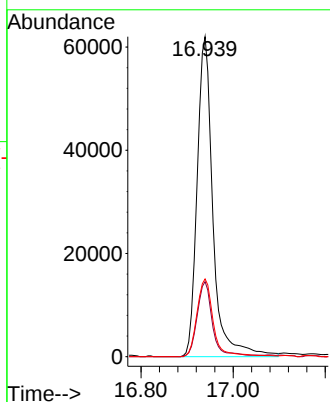
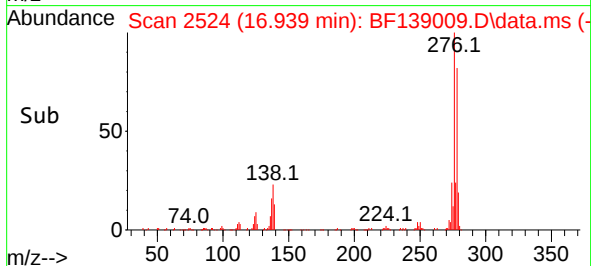
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



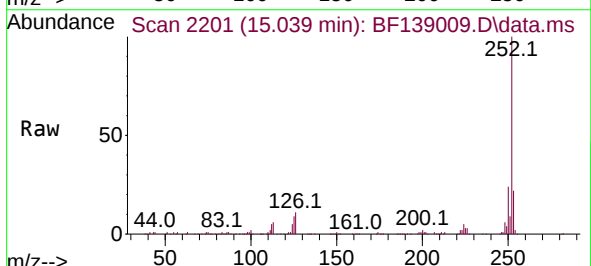
Tgt Ion:276 Resp: 148560
Ion Ratio Lower Upper
276 100
138 22.4 21.8 32.8
277 25.1 20.6 30.8

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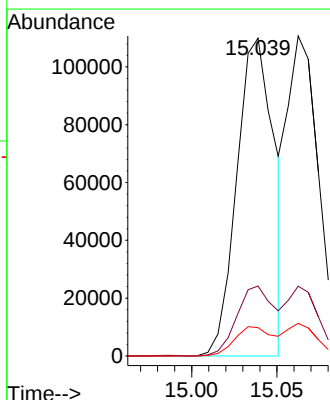
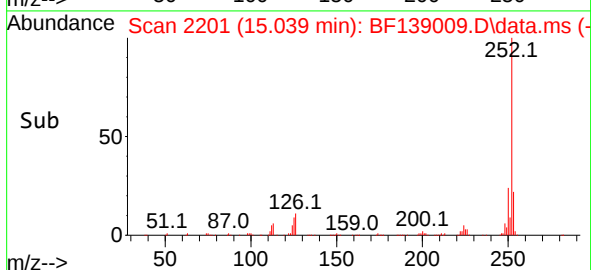
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

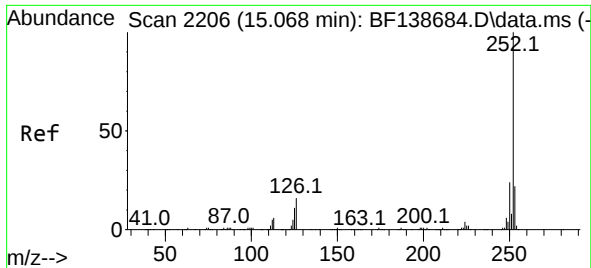


#88
Benzo(b)fluoranthene
Concen: 63.622 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



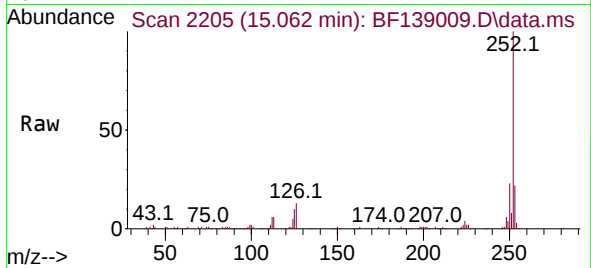
Tgt Ion:252 Resp: 167215
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.9 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 62.034 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

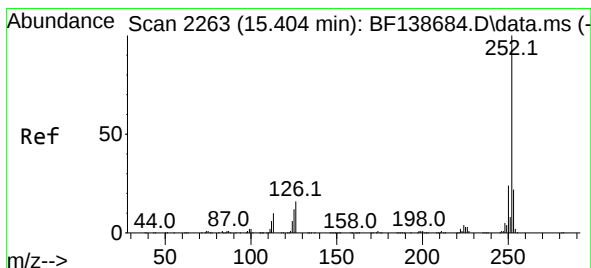
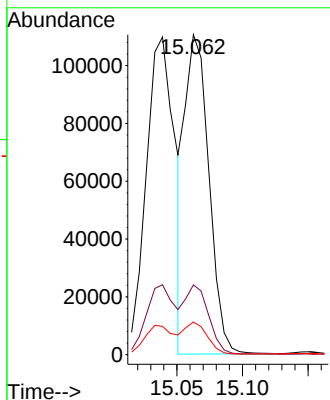
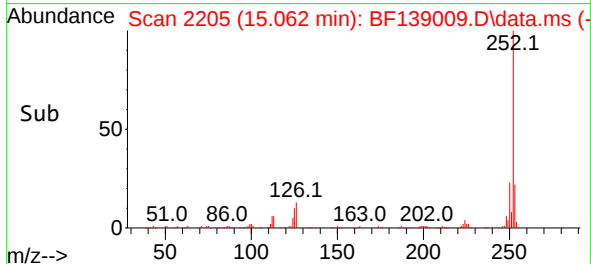
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



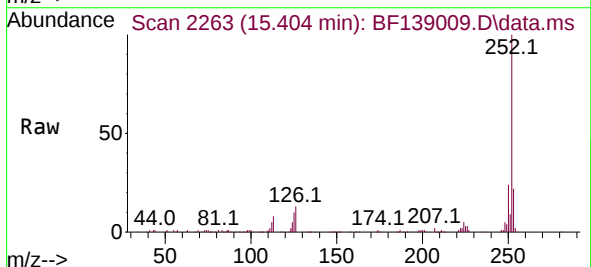
Tgt Ion:252 Resp: 14116
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.2 8.6 13.0

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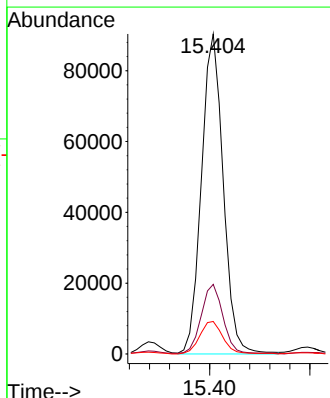
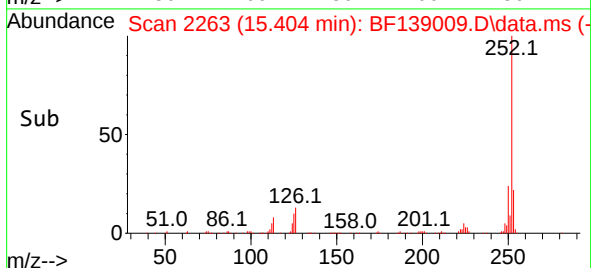
Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#90
Benzo(a)pyrene
Concen: 61.901 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



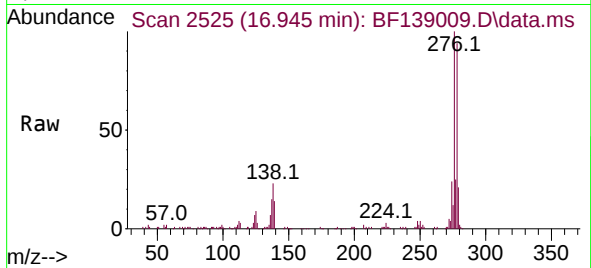
Tgt Ion:252 Resp: 136848
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.1 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.696 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47

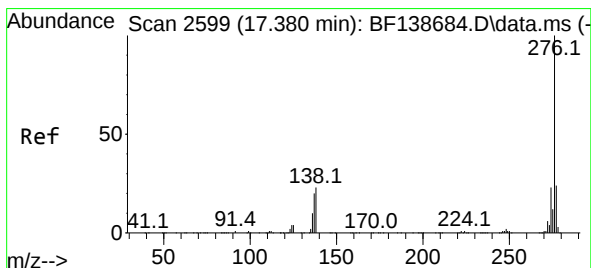
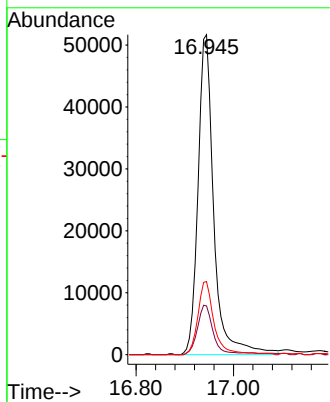
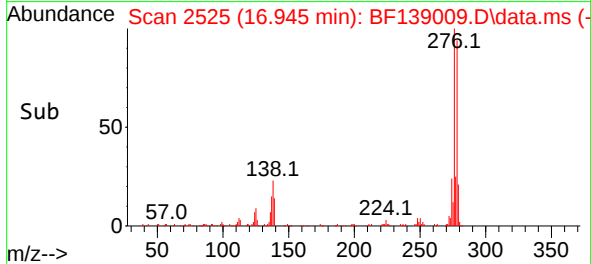
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-1.0-1.5-080524MSD



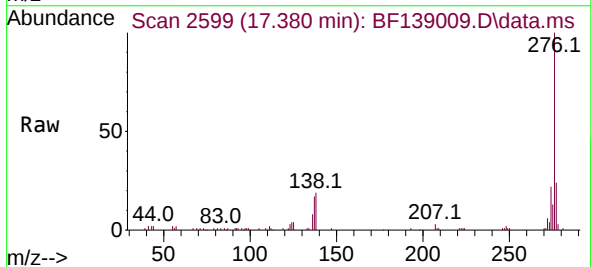
Tgt Ion:278 Resp: 116460
Ion Ratio Lower Upper
278 100
139 15.2 14.0 21.0
279 22.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2024
Supervised By :mohammad ahmed 08/16/2024



#92
Benzo(g,h,i)perylene
Concen: 42.781 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF139009.D
Acq: 14 Aug 2024 22:47



Tgt Ion:276 Resp: 110725
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 18.6 18.5 27.7

