

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134941.D
 Acq On : 25 Aug 2023 15:20
 Operator : CG\JU
 Sample : 04146-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12013MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 25 15:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82964	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	329477	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	162304	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	290592	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	170466	20.000	ng	0.00
86) Perylene-d12	15.439	264	170434	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	485241	93.268	ng	0.00
7) Phenol-d6	6.428	99	606643	91.252	ng	-0.01
23) Nitrobenzene-d5	7.351	82	355329	59.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	156507	81.875	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	624144	59.448	ng	-0.01
79) Terphenyl-d14	12.916	244	653822	52.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	100464	44.495	ng	98
3) Pyridine	3.269	79	252577	41.511	ng	98
4) n-Nitrosodimethylamine	3.234	42	133804	49.738	ng	99
6) Aniline	6.451	93	324088	39.443	ng	99
8) 2-Chlorophenol	6.575	128	289268	52.987	ng	100
9) Benzaldehyde	6.340	77	111050	30.457	ng	98
10) Phenol	6.440	94	354583	52.095	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	259224	50.207	ng	98
12) 1,3-Dichlorobenzene	6.728	146	298119	52.359	ng	100
13) 1,4-Dichlorobenzene	6.804	146	303572	53.269	ng	97
14) 1,2-Dichlorobenzene	6.957	146	287399	54.408	ng	98
15) Benzyl Alcohol	6.934	79	246566	53.379	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	364900	48.806	ng	98
17) 2-Methylphenol	7.045	107	224412	47.498	ng	99
18) Hexachloroethane	7.298	117	91624	44.424	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	186218	47.961	ng	98
20) 3+4-Methylphenols	7.198	107	270743	55.726	ng	93
22) Acetophenone	7.198	105	368264	50.570	ng	# 96
24) Nitrobenzene	7.369	77	287595	47.935	ng	99
25) Isophorone	7.610	82	521325	46.693	ng	99
26) 2-Nitrophenol	7.687	139	119180	39.900	ng	95
27) 2,4-Dimethylphenol	7.728	122	228815	46.967	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	317467	47.708	ng	99
29) 2,4-Dichlorophenol	7.928	162	224724	46.685	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	251197	49.155	ng	100
31) Naphthalene	8.092	128	799471	48.595	ng	100
32) Benzoic acid	7.839	122	136667	38.012	ng	98
33) 4-Chloroaniline	8.139	127	226843	32.136	ng	98
34) Hexachlorobutadiene	8.204	225	148099	48.728	ng	98
35) Caprolactam	8.504	113	75532m	50.266	ng	
36) 4-Chloro-3-methylphenol	8.628	107	237446	46.744	ng	99
37) 2-Methylnaphthalene	8.781	142	502812	45.829	ng	98
38) 1-Methylnaphthalene	8.881	142	477242	46.519	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	243398	49.215	ng	100
41) Hexachlorocyclopentadiene	8.933	237	124647	56.926	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	153254	46.920	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	159620	42.211	ng	98
46) 1,1'-Biphenyl	9.245	154	633607	49.448	ng	98
47) 2-Chloronaphthalene	9.275	162	462285	48.310	ng	98
48) 2-Nitroaniline	9.369	65	157506	50.072	ng	97
49) Acenaphthylene	9.686	152	750492	50.927	ng	100
50) Dimethylphthalate	9.551	163	579813	50.187	ng	99
51) 2,6-Dinitrotoluene	9.616	165	117462	46.098	ng	95
52) Acenaphthene	9.863	154	450667	48.544	ng	99
53) 3-Nitroaniline	9.786	138	135262	48.601	ng	99
54) 2,4-Dinitrophenol	9.892	184	64550	53.540	ng	# 86
55) Dibenzofuran	10.033	168	661236	48.921	ng	97
56) 4-Nitrophenol	9.951	139	181774	93.722	ng	97
57) 2,4-Dinitrotoluene	10.022	165	149977	47.593	ng	98
58) Fluorene	10.380	166	508780	49.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130844	44.410	ng	97
60) Diethylphthalate	10.257	149	546158	51.599	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	253753	49.377	ng	96
62) 4-Nitroaniline	10.398	138	140034	53.824	ng	99
63) Azobenzene	10.533	77	495426	47.116	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	51497	30.033	ng	99
66) n-Nitrosodiphenylamine	10.492	169	461142	49.279	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	161990	48.318	ng	93
68) Hexachlorobenzene	10.927	284	176565	49.519	ng	98
69) Atrazine	11.027	200	150938	59.399	ng	99
70) Pentachlorophenol	11.122	266	143598	66.921	ng	98
71) Phenanthrene	11.345	178	789072	51.819	ng	99
72) Anthracene	11.398	178	770367	49.376	ng	100
73) Carbazole	11.557	167	676880	52.649	ng	99
74) Di-n-butylphthalate	11.892	149	826117	56.027	ng	99
75) Fluoranthene	12.539	202	821361	56.927	ng	99
77) Benzidine	12.663	184	256964	92.908	ng	99
78) Pyrene	12.769	202	805156	44.548	ng	99
80) Butylbenzylphthalate	13.398	149	306525	55.665	ng	97
81) Benzo(a)anthracene	13.963	228	574977	49.437	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	184910	50.233	ng	99
83) Chrysene	13.998	228	551488	48.058	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	389093	65.229	ng	99
85) Di-n-octyl phthalate	14.580	149	606768	62.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	525074	43.101	ng	100
88) Benzo(b)fluoranthene	15.015	252	527363	54.844	ng	98
89) Benzo(k)fluoranthene	15.045	252	508494	53.852	ng	99
90) Benzo(a)pyrene	15.380	252	459308	47.848	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	433440	43.973	ng	99
92) Benzo(g,h,i)perylene	17.386	276	397244	39.368	ng	98

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

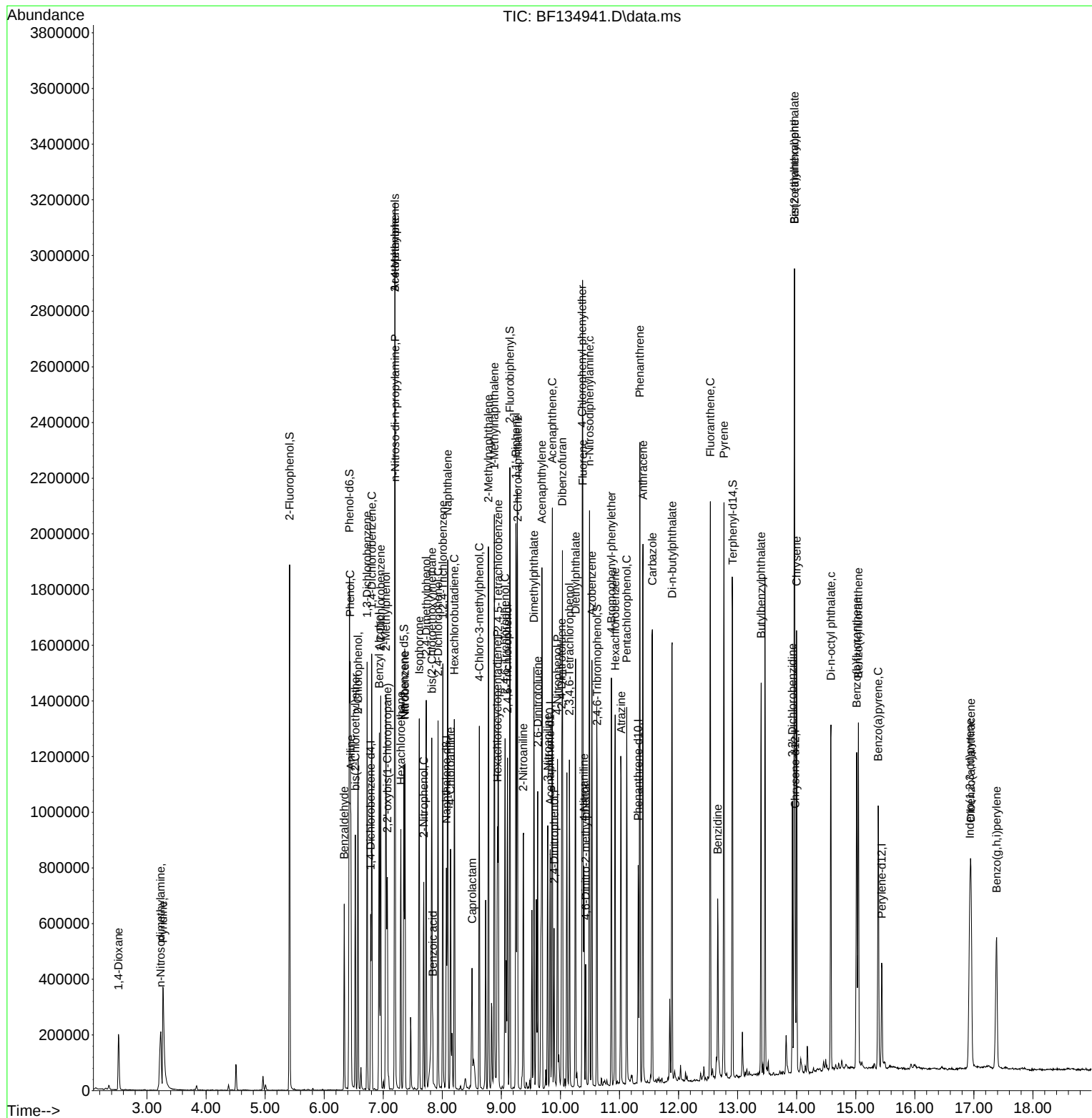
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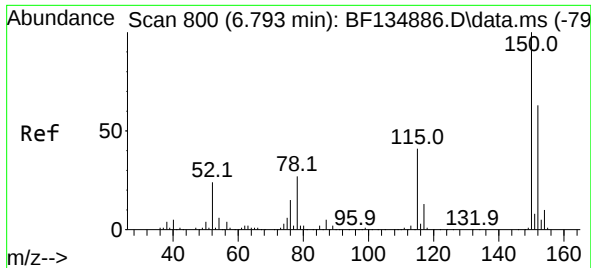
Instrument :
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ClientSampleId :
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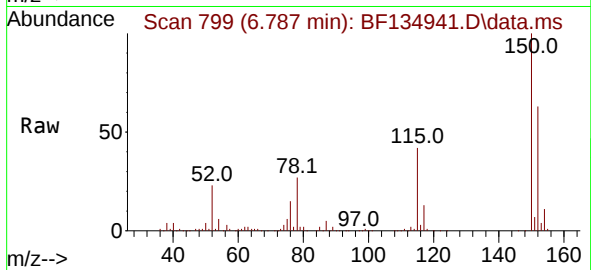
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

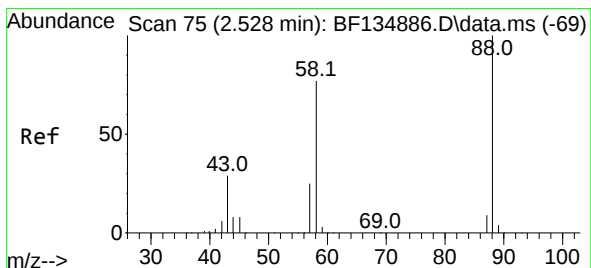
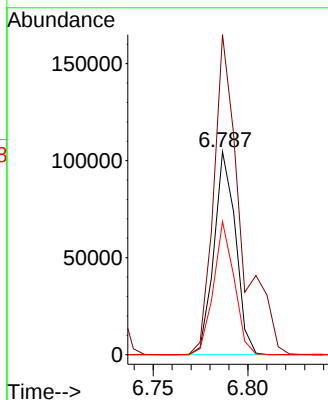
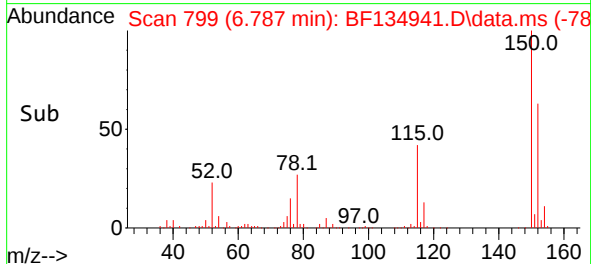
Instrument :
 BNA_F
 ClientSampleId :
 72-12013MS



Tgt Ion:152 Resp: 82964
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 65.6 51.1 76.7

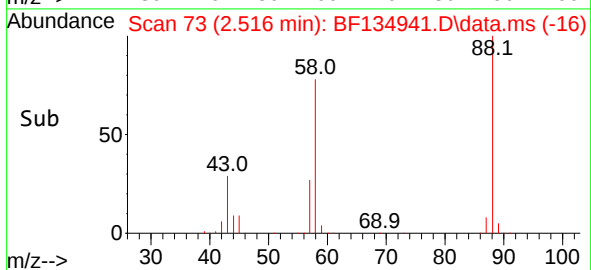
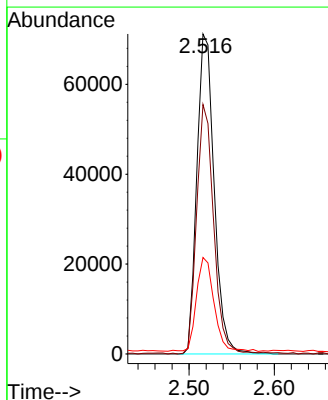
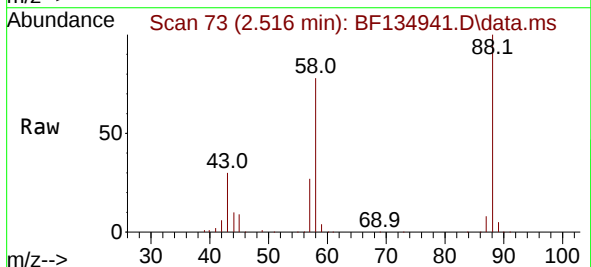
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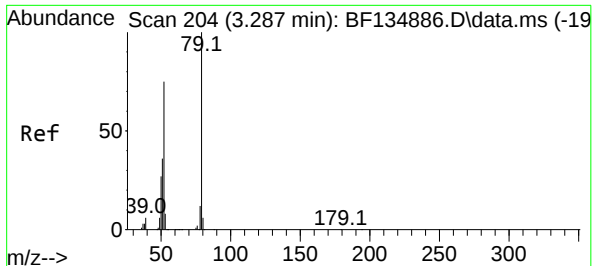
Reviewed By :Yogesh Patel 08/26/2023
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#2
 1,4-Dioxane
 Concen: 44.495 ng
 RT: 2.516 min Scan# 73
 Delta R.T. -0.012 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

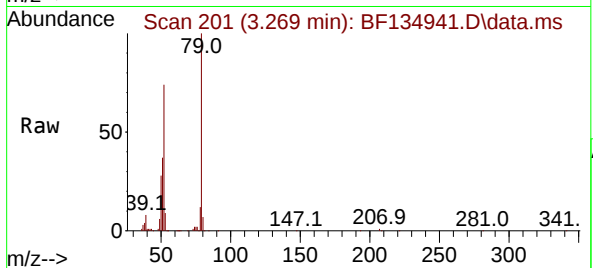
Tgt Ion: 88 Resp: 100464
 Ion Ratio Lower Upper
 88 100
 58 76.7 62.6 93.8
 43 29.8 23.3 34.9





#3
Pyridine
Concen: 41.511 ng
RT: 3.269 min Scan# 204
Delta R.T. -0.018 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

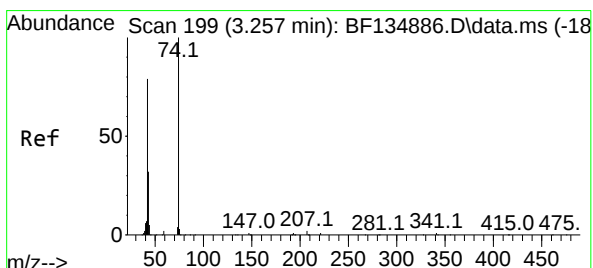
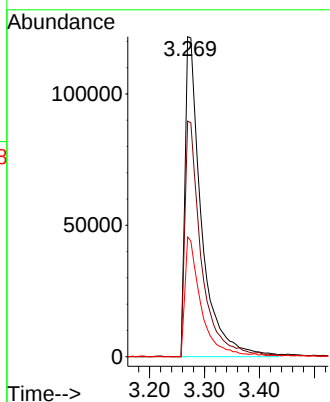
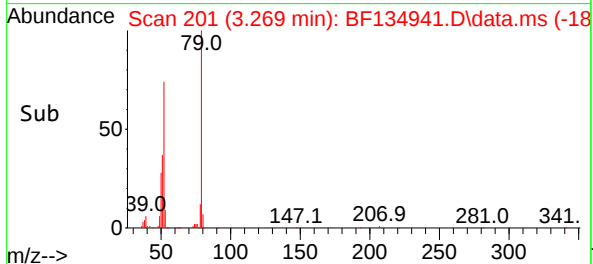
Instrument :
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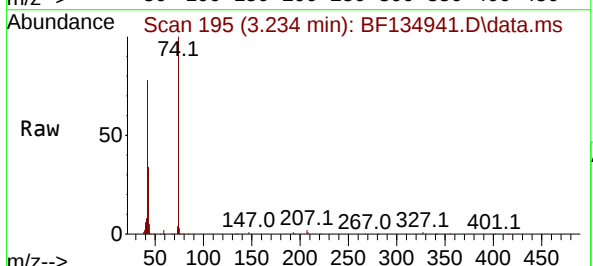
Tgt Ion: 79 Resp: 25257
Ion Ratio Lower Upper
79 100
52 73.6 60.1 90.1
51 37.4 29.4 44.0

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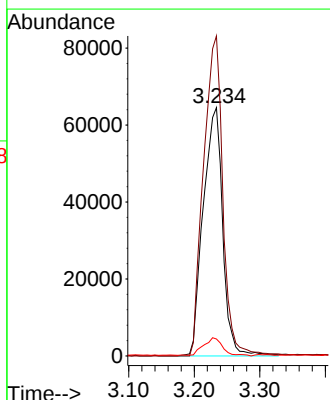
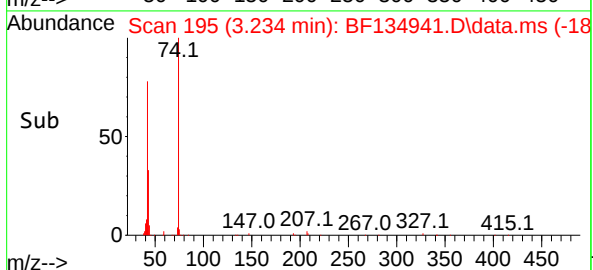
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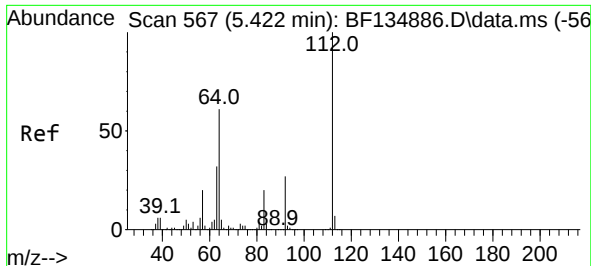


#4
n-Nitrosodimethylamine
Concen: 49.738 ng
RT: 3.234 min Scan# 195
Delta R.T. -0.024 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



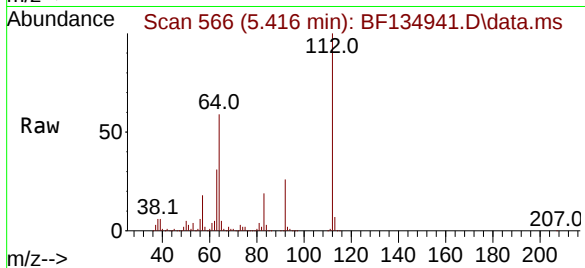
Tgt Ion: 42 Resp: 133804
Ion Ratio Lower Upper
42 100
74 128.9 101.8 152.8
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 93.268 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

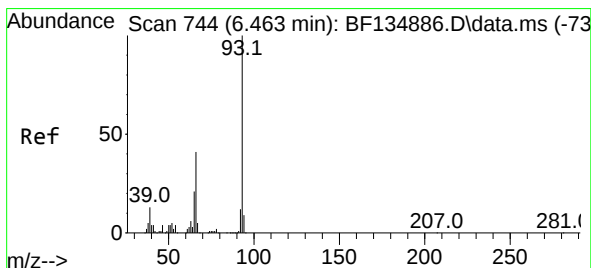
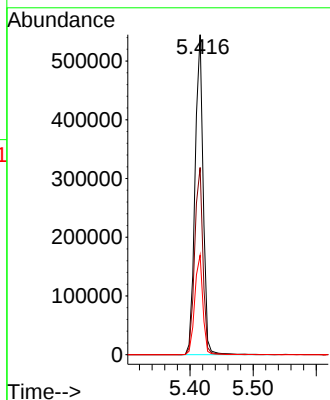
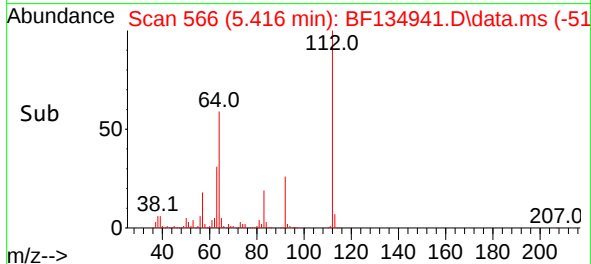
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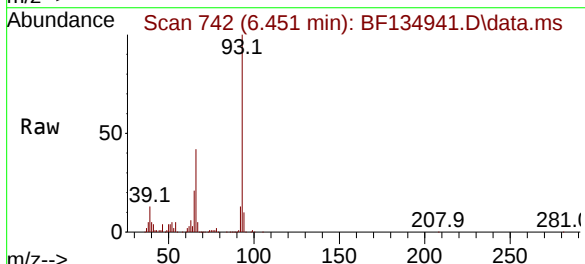
Tgt Ion:112 Resp: 48524
Ion Ratio Lower Upper
112 100
64 58.5 48.6 73.0
63 31.1 25.7 38.5

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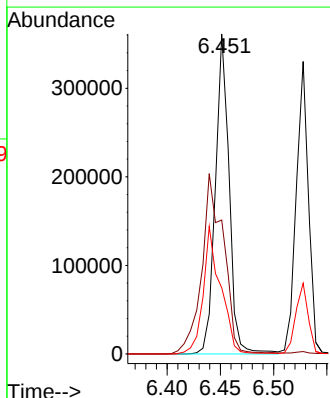
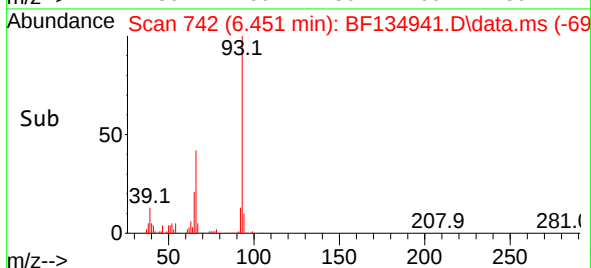
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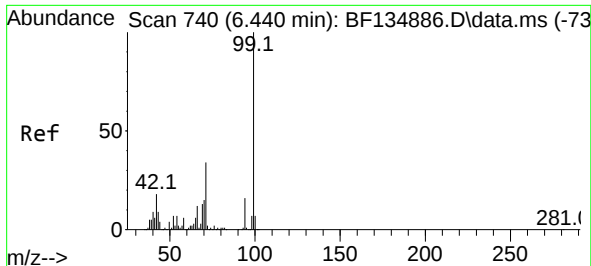


#6
Aniline
Concen: 39.443 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion: 93 Resp: 324088
Ion Ratio Lower Upper
93 100
66 41.9 32.7 49.1
65 20.7 16.7 25.1





#7

Phenol-d6

Concen: 91.252 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 60664

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

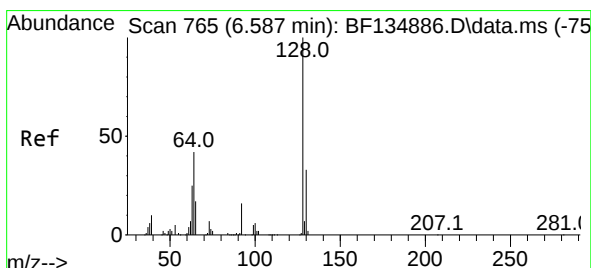
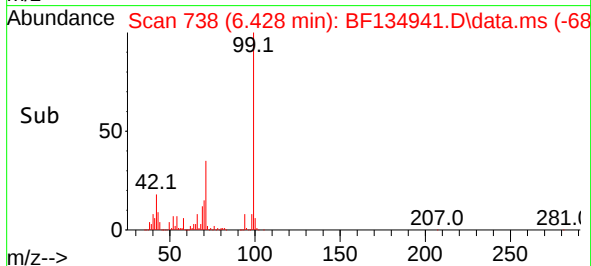
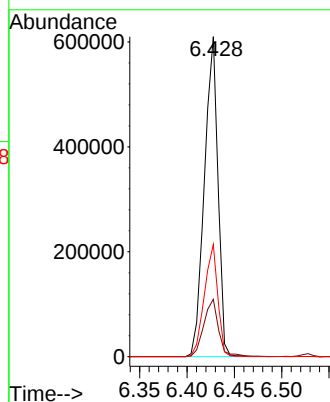
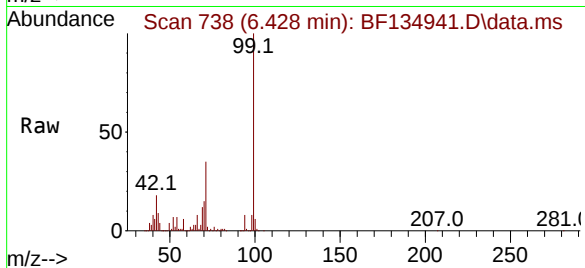
71 35.1 27.6 41.4

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/26/2023



#8

2-Chlorophenol

Concen: 52.987 ng

RT: 6.575 min Scan# 763

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

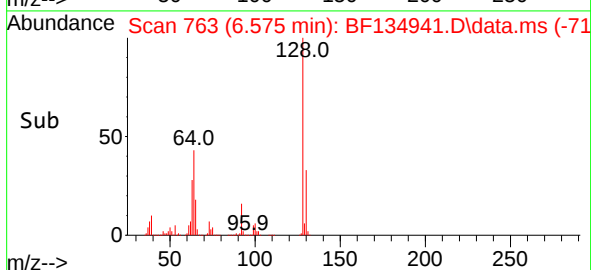
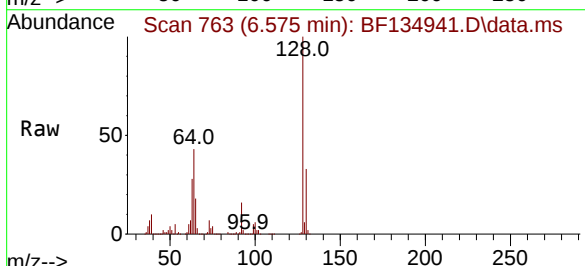
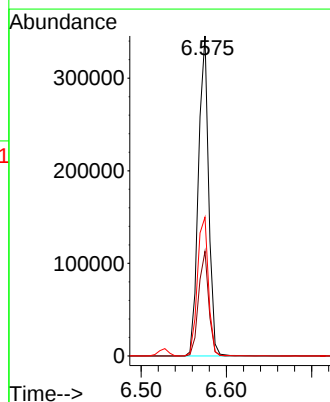
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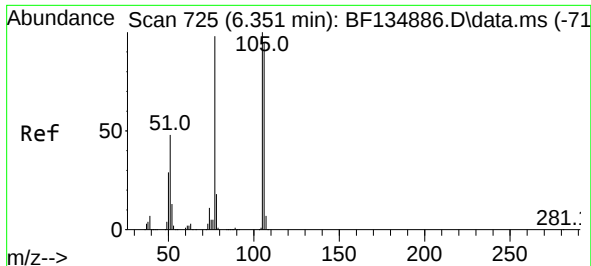
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

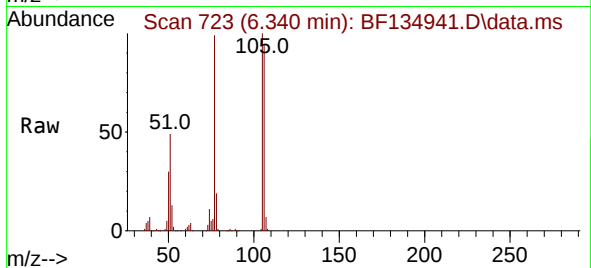
64 43.3 23.4 63.4





#9
Benzaldehyde
Concen: 30.457 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF134941.D
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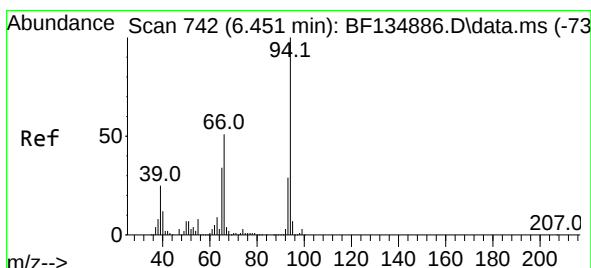
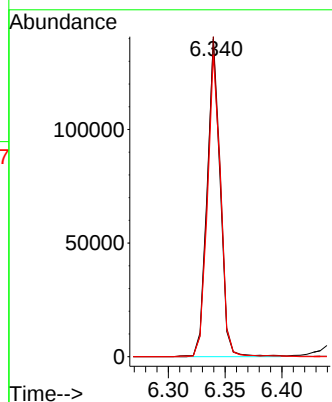
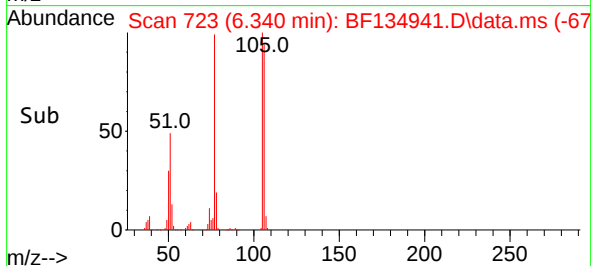
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Tgt Ion: 77 Resp: 111050
Ion Ratio Lower Upper
77 100
105 100.7 82.4 122.4
106 95.0 77.2 117.2

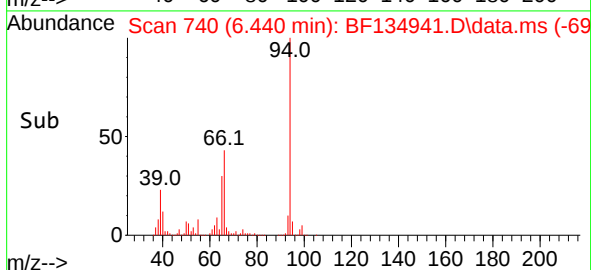
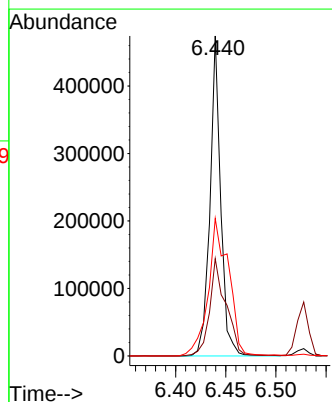
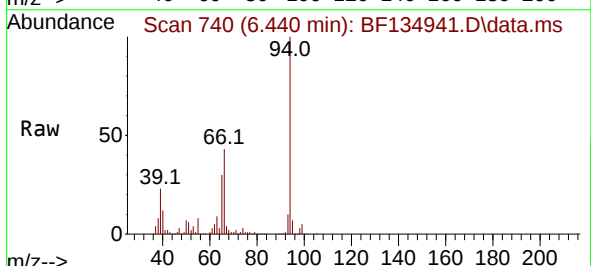
Manual Integrations
APPROVED

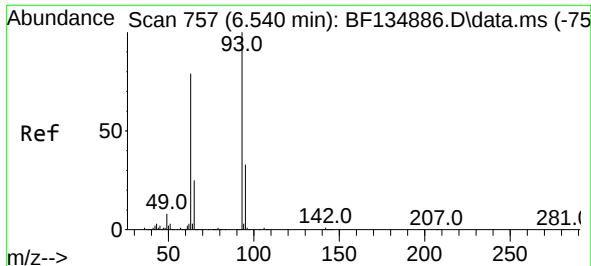
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Phenol
Concen: 52.095 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

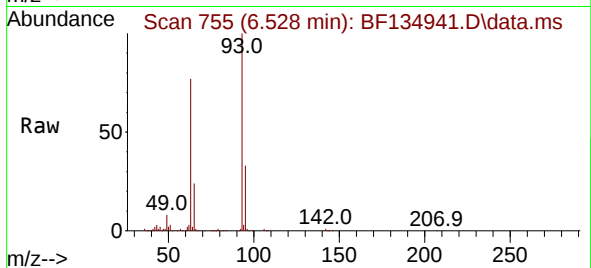
Tgt Ion: 94 Resp: 354583
Ion Ratio Lower Upper
94 100
65 30.4 14.0 54.0
66 42.9 31.1 71.1





#11
bis(2-Chloroethyl)ether
Concen: 50.207 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

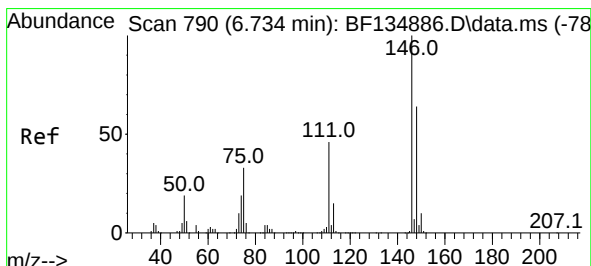
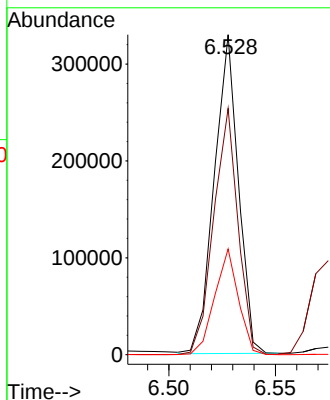
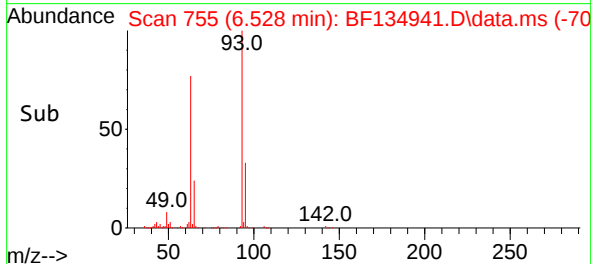
Instrument :
BNA_F
ClientSampleId :
72-12013MS



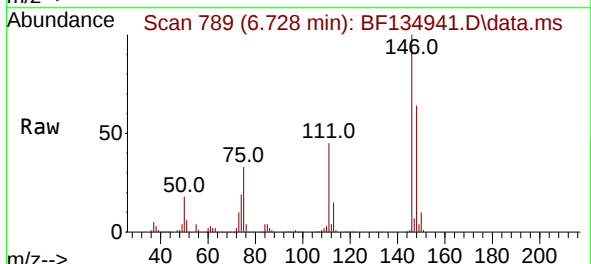
Tgt Ion: 93 Resp: 259224
Ion Ratio Lower Upper
93 100
63 76.9 58.7 98.7
95 33.1 12.4 52.4

Manual Integrations
APPROVED

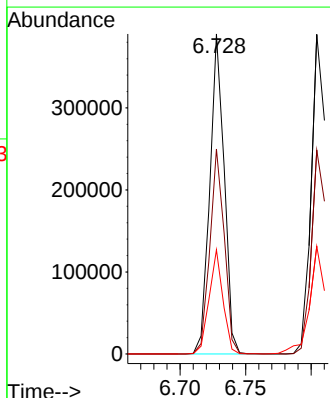
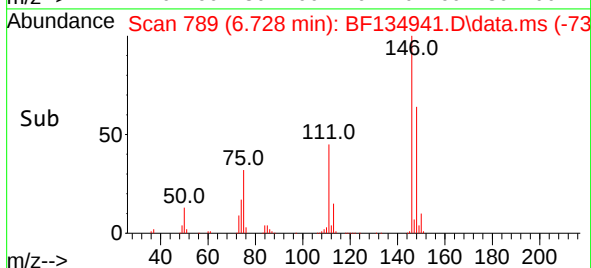
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

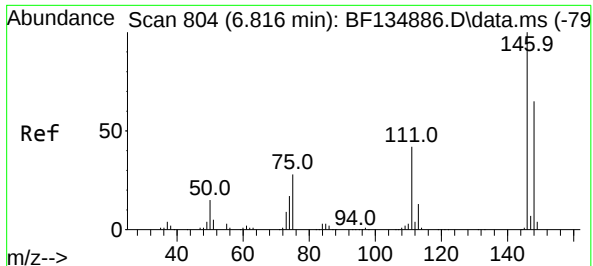


#12
1,3-Dichlorobenzene
Concen: 52.359 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:146 Resp: 298119
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 32.5 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 53.269 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

Tgt Ion:146 Resp: 303572

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

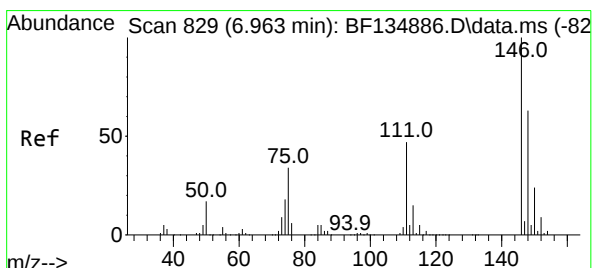
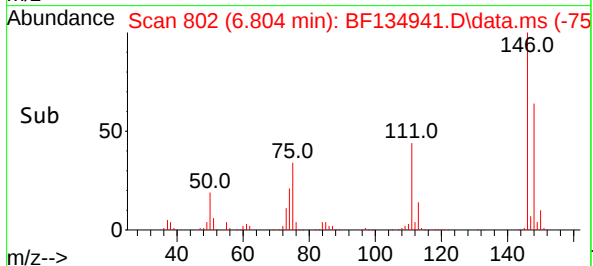
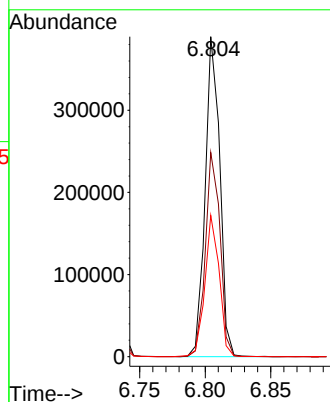
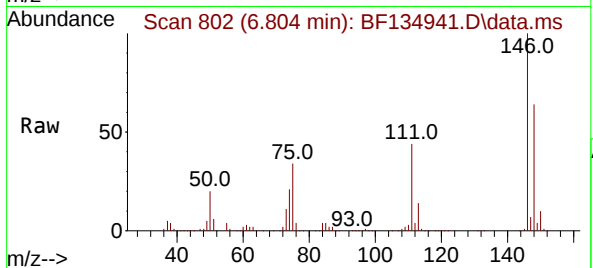
111 44.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#14

1,2-Dichlorobenzene

Concen: 54.408 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

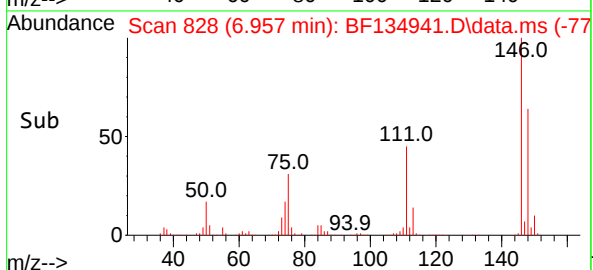
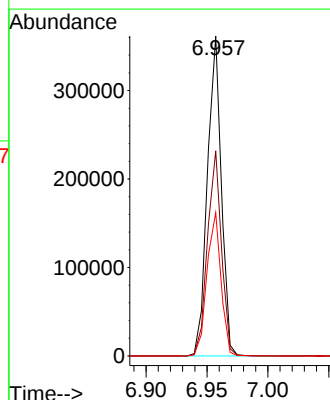
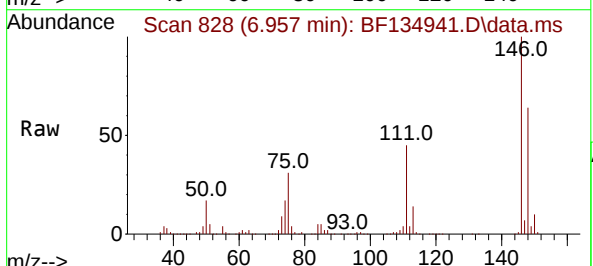
Tgt Ion:146 Resp: 287399

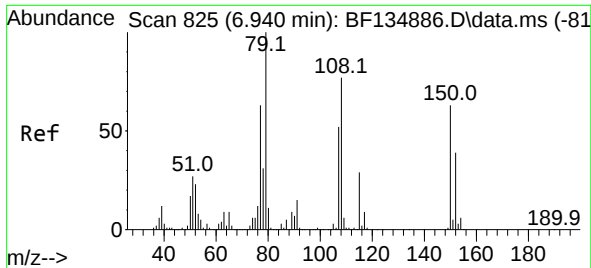
Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

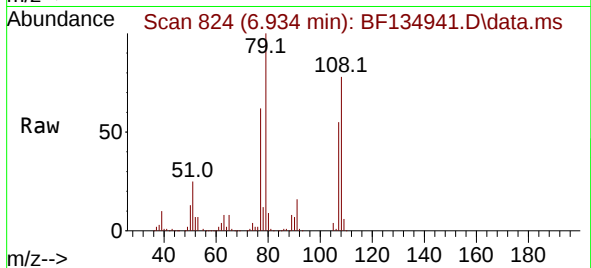
111 44.8 37.5 56.3





#15
Benzyl Alcohol
Concen: 53.379 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

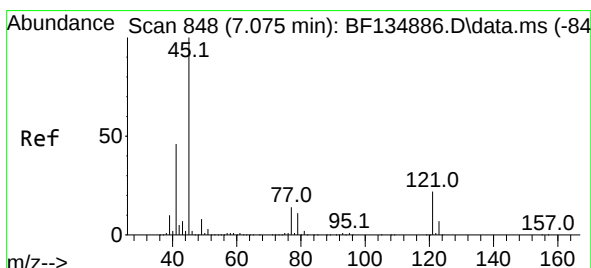
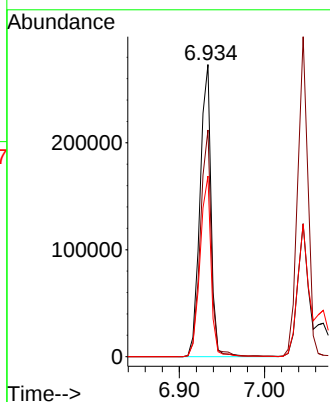
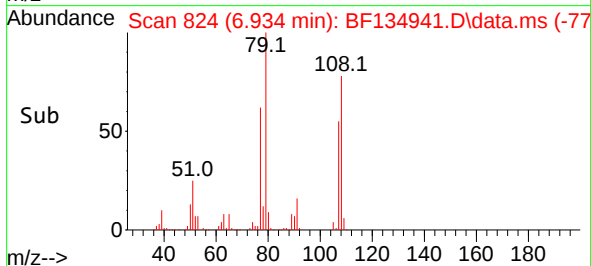
Instrument :
BNA_F
ClientSampleId :
72-12013MS



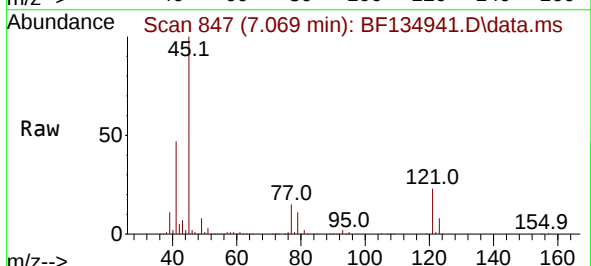
Tgt Ion: 79 Resp: 246560
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.2
77 61.8 50.1 75.1

Manual Integrations
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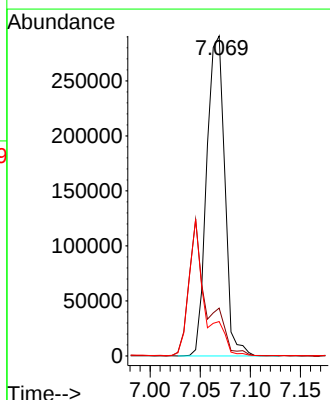
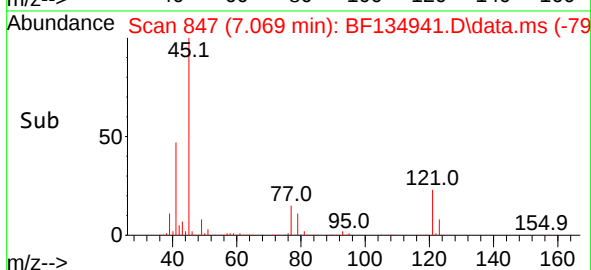
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

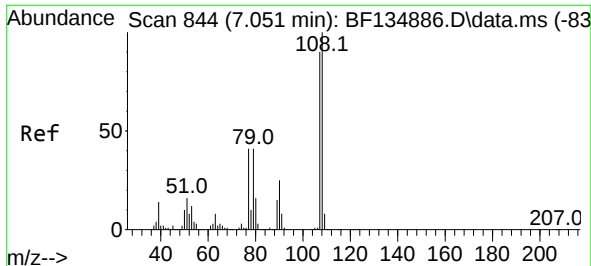


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.806 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion: 45 Resp: 364900
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.9
79 10.8 0.0 31.1





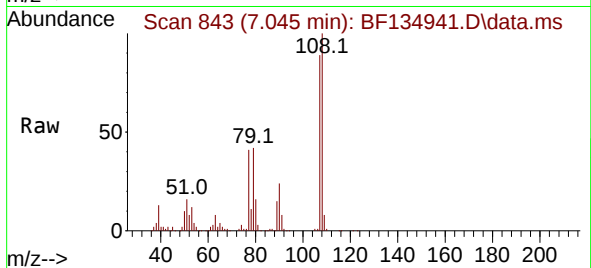
#17
2-Methylphenol
Concen: 47.498 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS



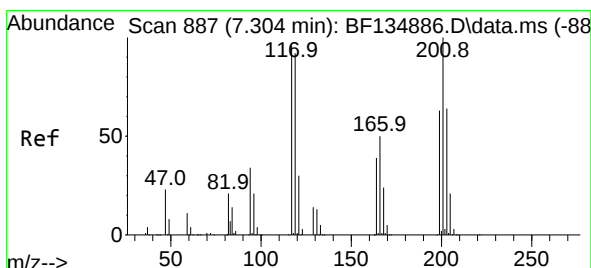
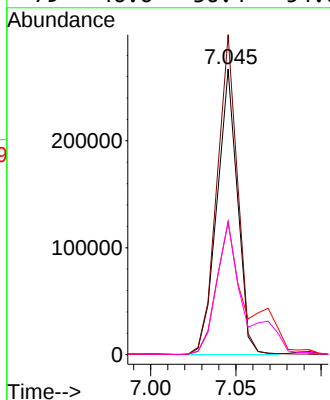
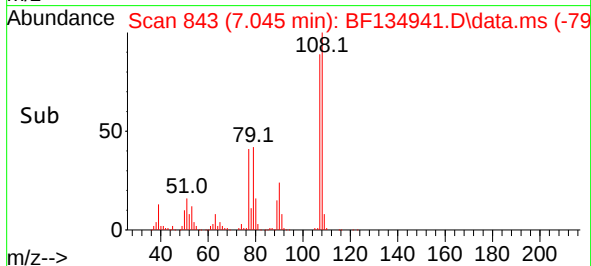
Tgt Ion:	107	Resp:	22441
Ion Ratio	Lower	Upper	
107	100		
108	112.1	89.0	133.6
77	46.5	36.5	54.7
79	46.6	36.4	54.6

Manual Integrations

APPROVED

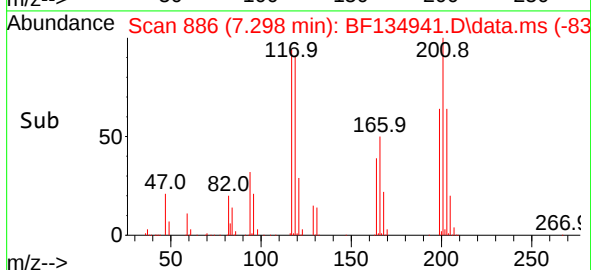
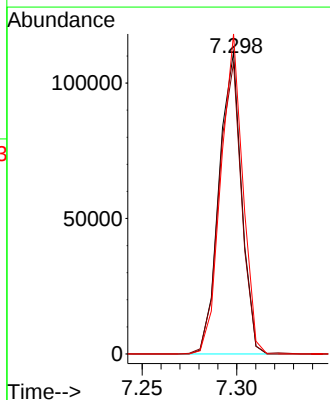
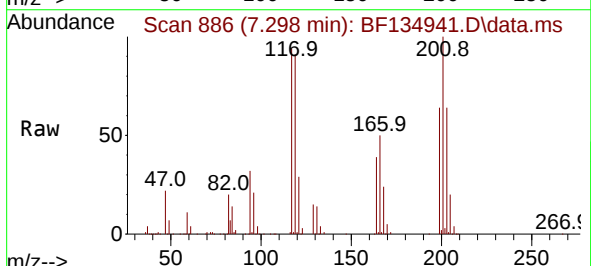
Reviewed By :Yogesh Patel 08/26/2023

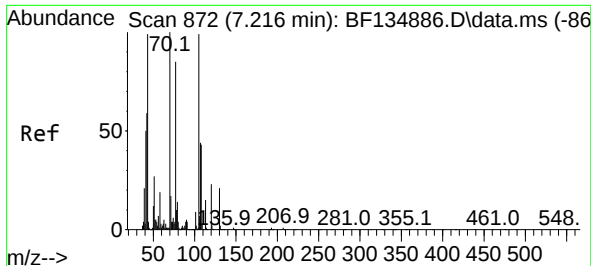
Supervised By :mohammad ahmed 08/26/2023



#18
Hexachloroethane
Concen: 44.424 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

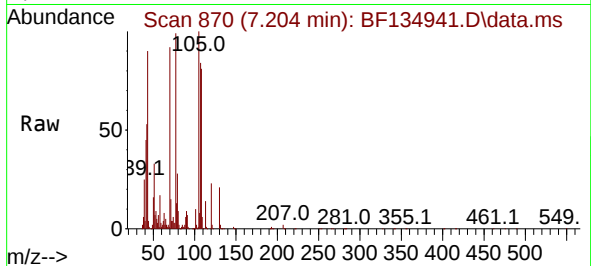
Tgt Ion:	117	Resp:	91624
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.6	114.8
201	106.0	83.4	125.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.961 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

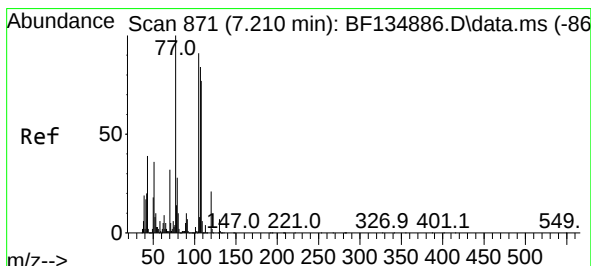
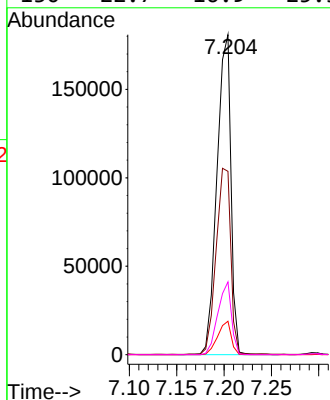
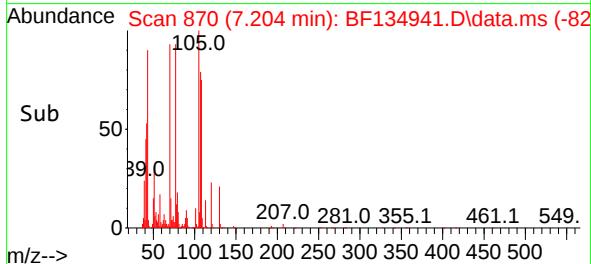
Instrument :
BNA_F
ClientSampleId :
72-12013MS



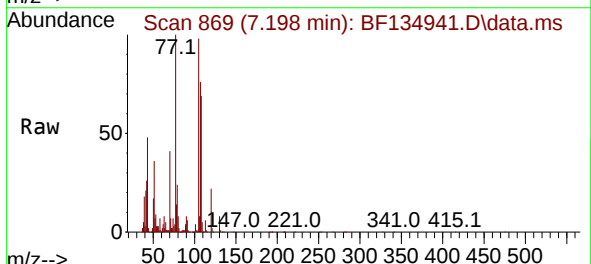
Tgt Ion: 70 Resp: 186218
Ion Ratio Lower Upper
70 100
42 57.3 46.9 70.3
101 10.5 7.5 11.3
130 22.7 16.9 25.3

Manual Integrations
APPROVED

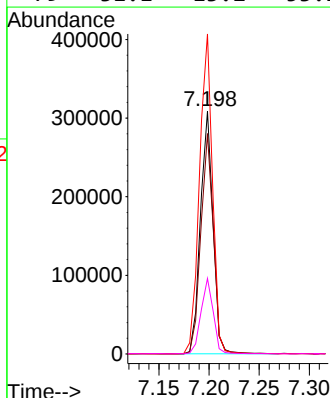
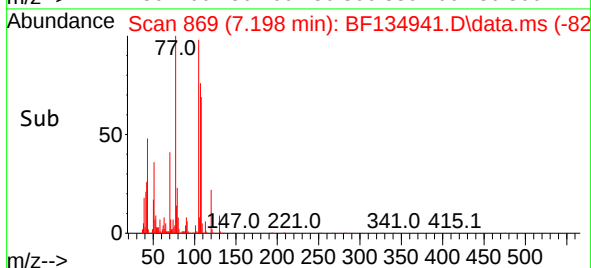
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

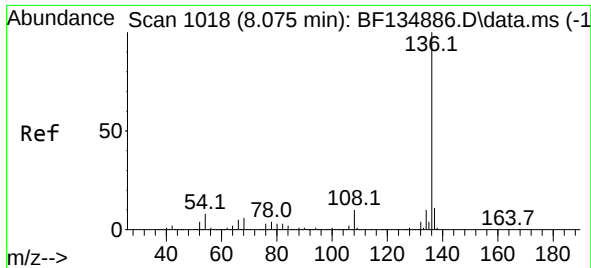


#20
3+4-Methylphenols
Concen: 55.726 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:107 Resp: 270743
Ion Ratio Lower Upper
107 100
108 90.8 71.7 111.7
77 131.8 98.4 138.4
79 31.1 13.2 53.2





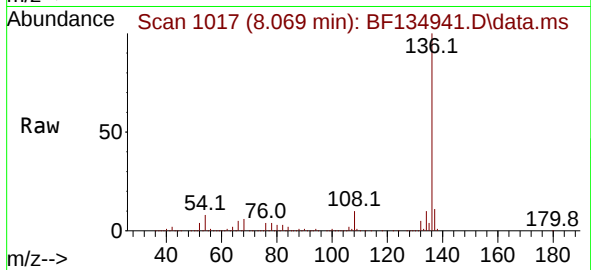
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

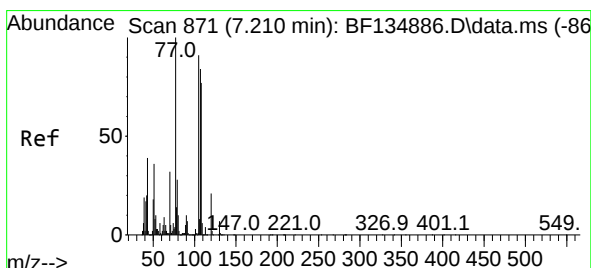
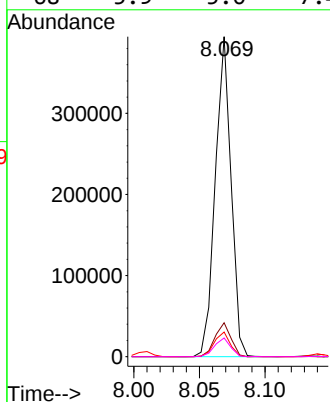
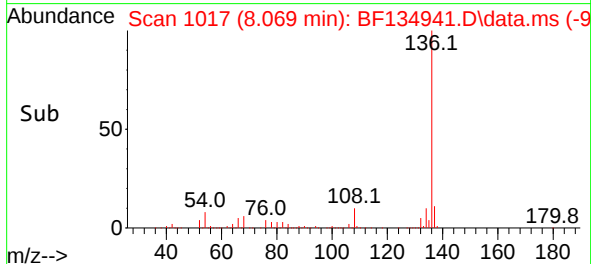


Tgt Ion:136 Resp: 32947
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 5.9 5.0 7.4

Manual Integrations

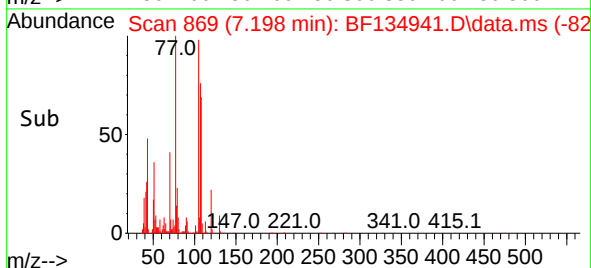
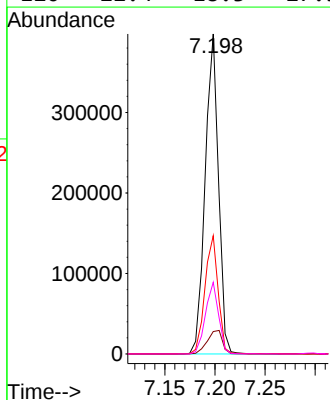
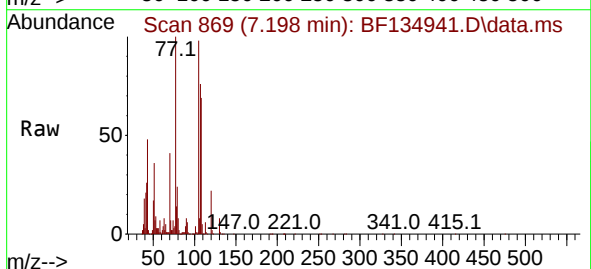
APPROVED

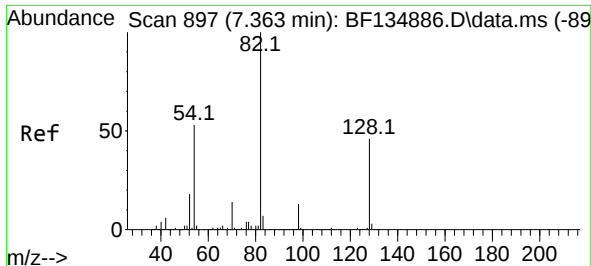
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#22
Acetophenone
Concen: 50.570 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:105 Resp: 368264
Ion Ratio Lower Upper
105 100
71 7.0 4.6 6.8#
51 37.0 32.2 48.2
120 22.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 59.427 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

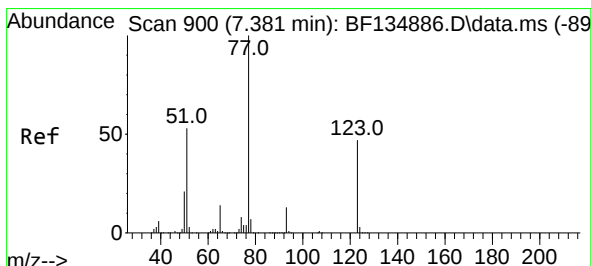
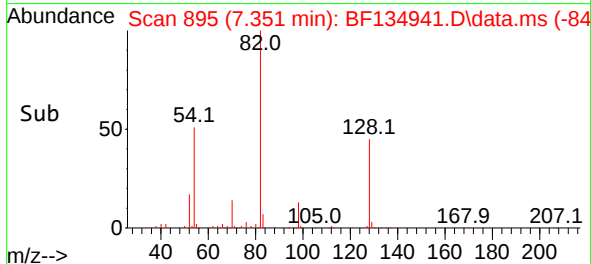
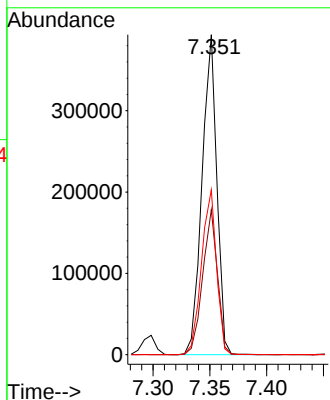
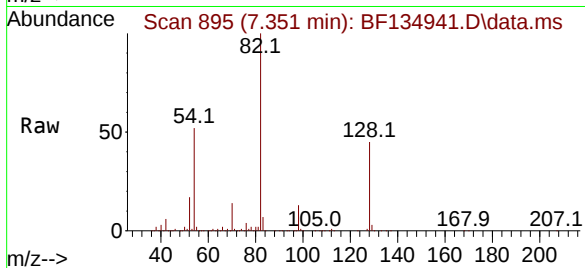
Tgt Ion:	82	Resp:	355329
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.6	54.8
54	51.5	42.6	63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#24

Nitrobenzene

Concen: 47.935 ng

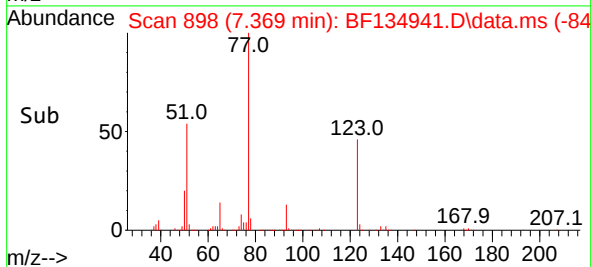
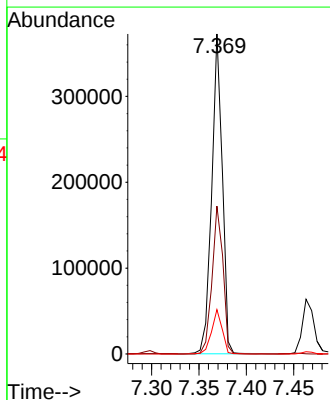
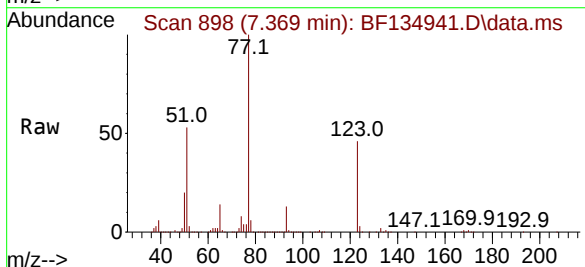
RT: 7.369 min Scan# 898

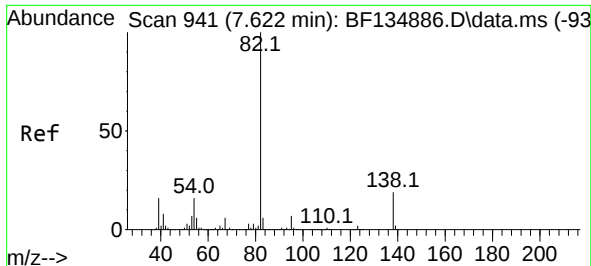
Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Tgt Ion:	77	Resp:	287595
Ion Ratio	Lower	Upper	
77	100		
123	46.2	37.9	56.9
65	13.9	11.1	16.7





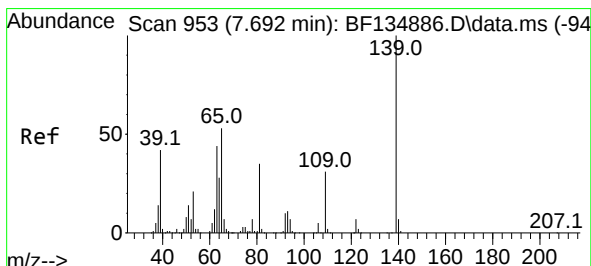
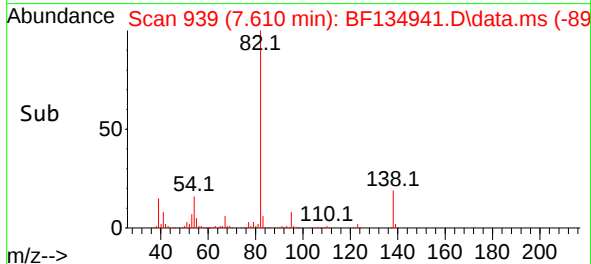
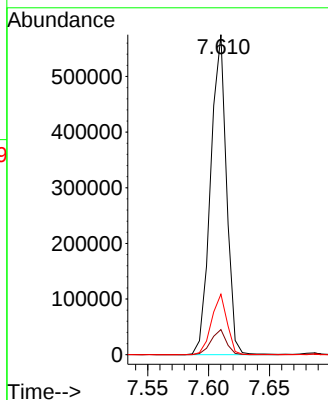
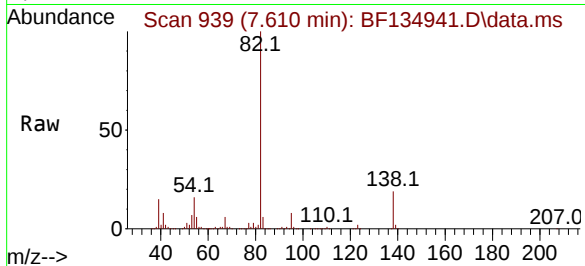
#25
Isophorone
Concen: 46.693 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :
BNA_F
ClientSampleId :
72-12013MS

Tgt Ion: 82 Resp: 521329
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 18.9 14.9 22.3

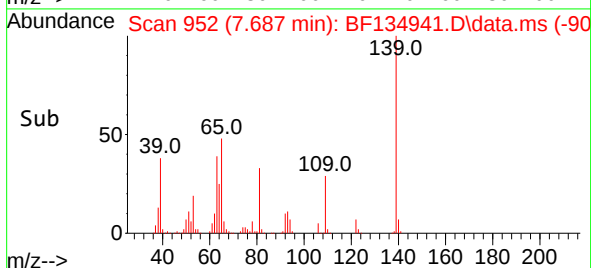
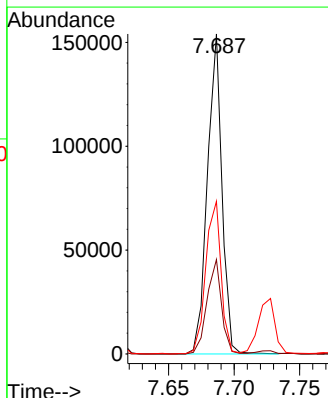
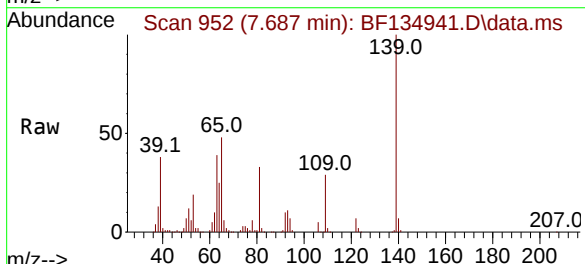
Manual Integrations
APPROVED

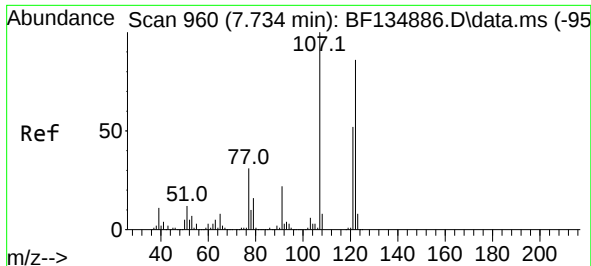
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#26
2-Nitrophenol
Concen: 39.900 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:139 Resp: 119180
Ion Ratio Lower Upper
139 100
109 29.5 24.5 36.7
65 47.7 42.4 63.6





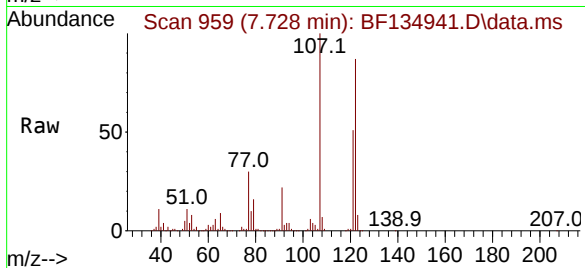
#27
2,4-Dimethylphenol
Concen: 46.967 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS



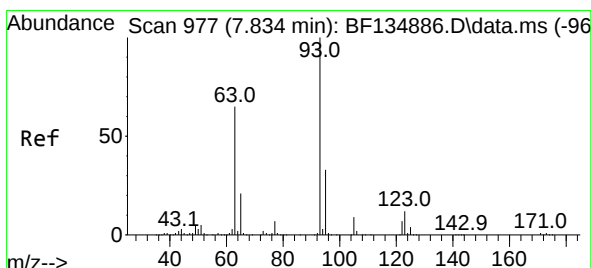
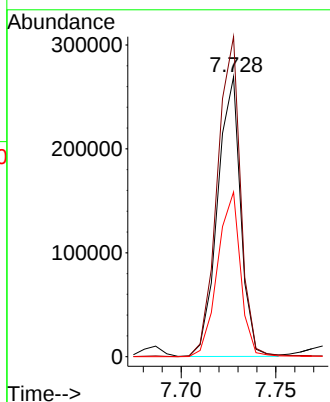
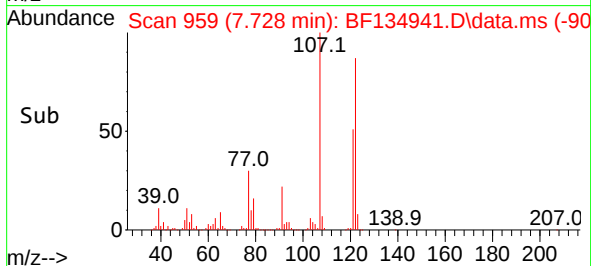
Tgt Ion:122 Resp: 228815
Ion Ratio Lower Upper
122 100
107 114.4 92.9 139.3
121 58.8 48.4 72.6

Manual Integrations

APPROVED

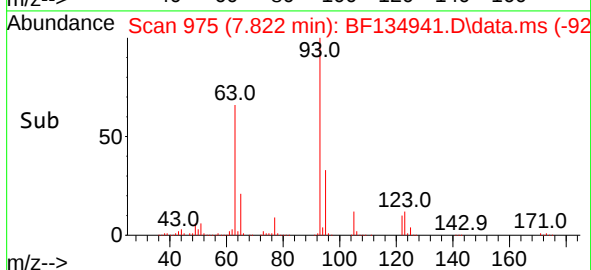
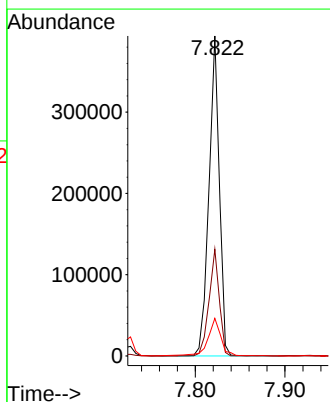
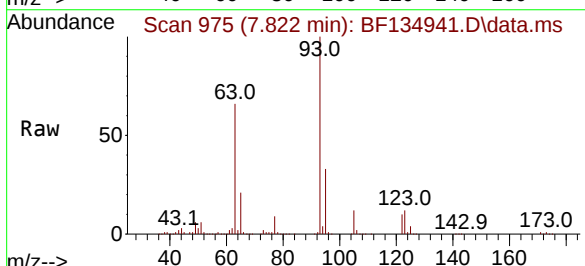
Reviewed By :Yogesh Patel 08/26/2023

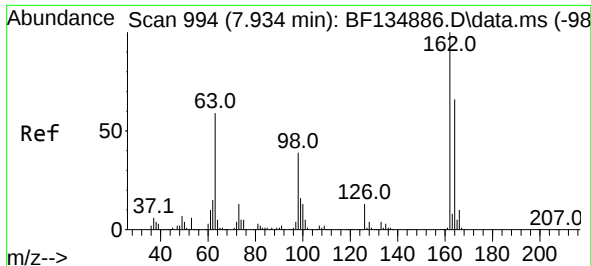
Supervised By :mohammad ahmed 08/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.708 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion: 93 Resp: 317467
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 46.685 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

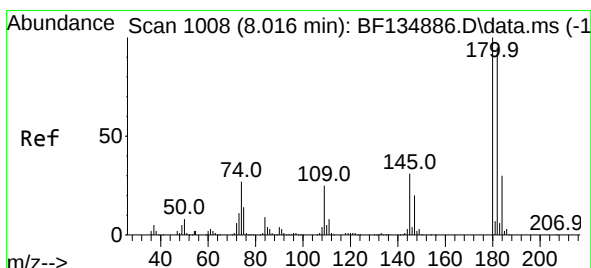
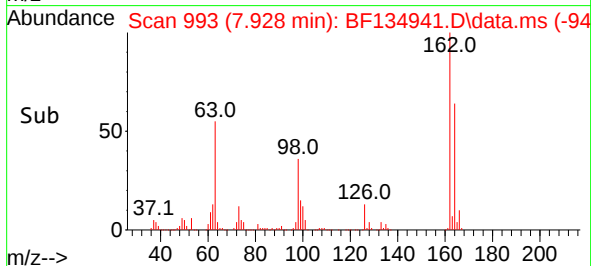
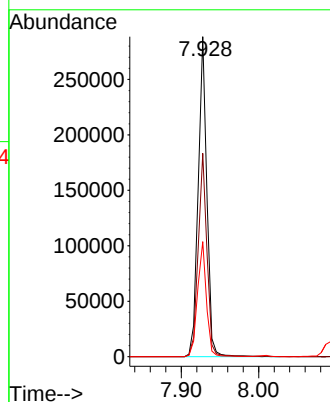
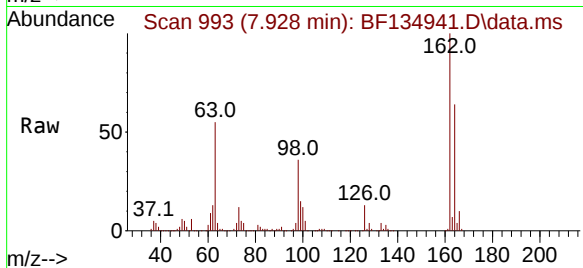
Tgt Ion:	162	Resp:	224724
Ion Ratio	Lower	Upper	
162	100		
164	63.5	45.6	85.6
98	35.9	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.155 ng

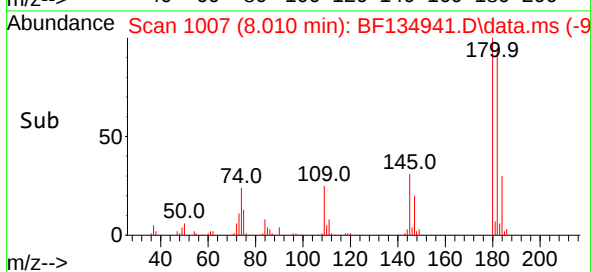
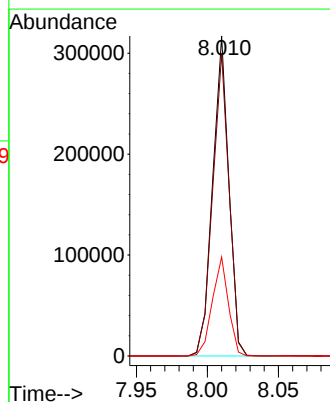
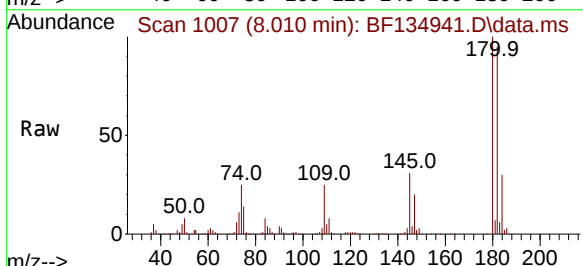
RT: 8.010 min Scan# 1007

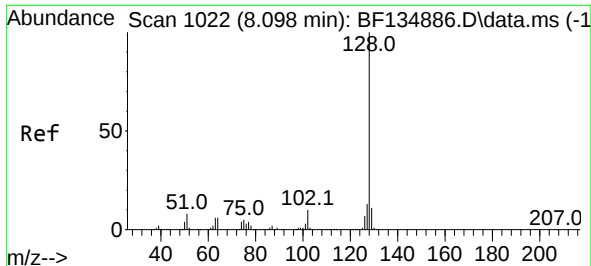
Delta R.T. -0.006 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Tgt Ion:	180	Resp:	251197
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.0	114.0
145	30.9	24.6	37.0





#31
Naphthalene
Concen: 48.595 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

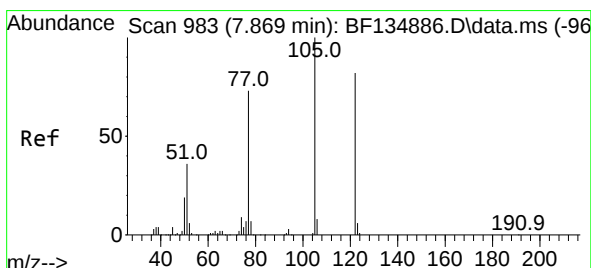
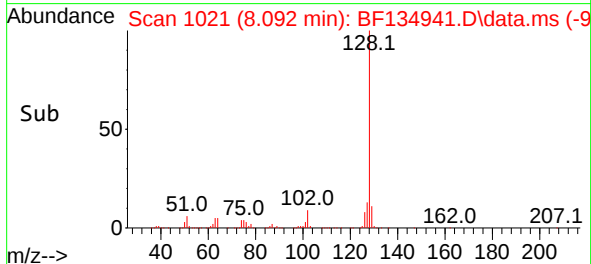
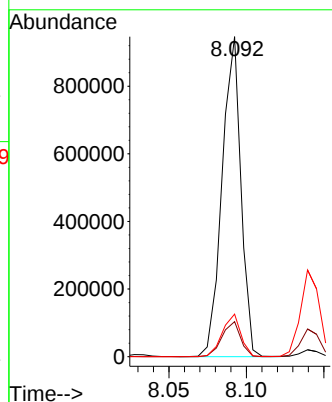
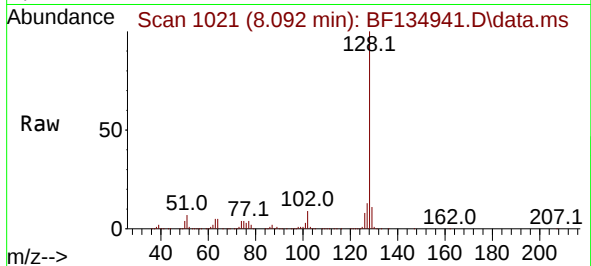
72-12013MS

Tgt Ion:128 Resp: 79947
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.6 16.0

Manual Integrations

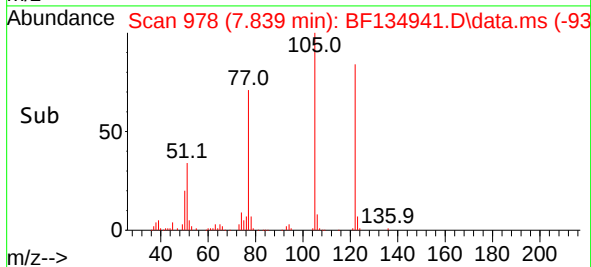
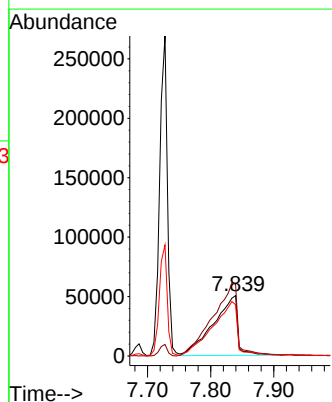
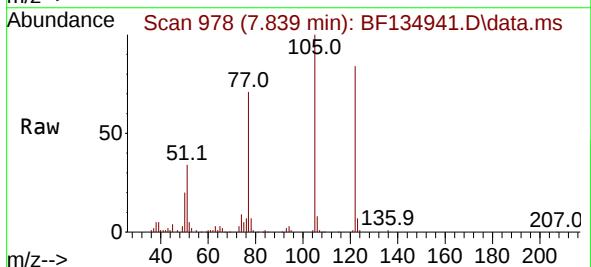
APPROVED

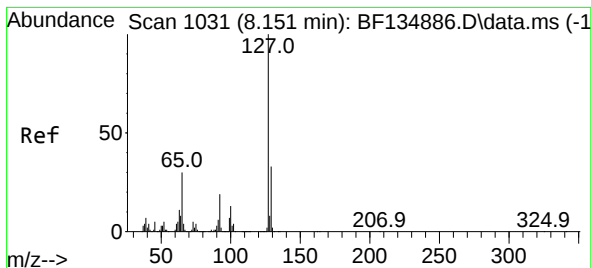
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#32
Benzoic acid
Concen: 38.012 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.029 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:122 Resp: 136667
Ion Ratio Lower Upper
122 100
105 118.9 98.6 138.6
77 84.7 68.6 108.6





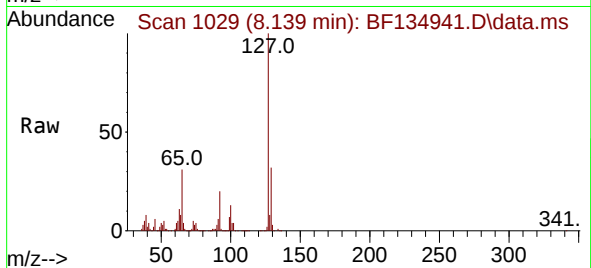
#33
4-Chloroaniline
Concen: 32.136 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

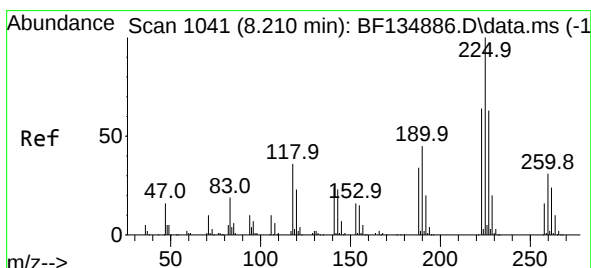
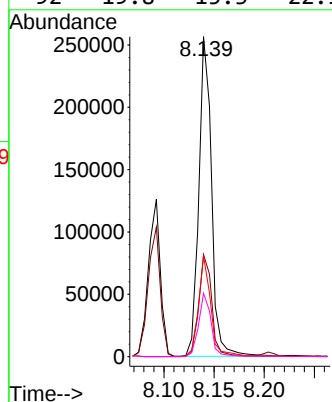
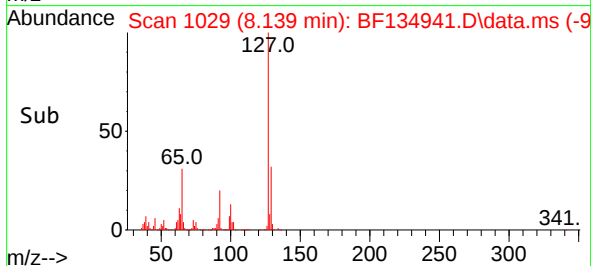


Tgt Ion:127 Resp: 22684
Ion Ratio Lower Upper
127 100
129 31.9 26.4 39.6
65 31.5 23.8 35.8
92 19.8 15.3 22.9

Manual Integrations

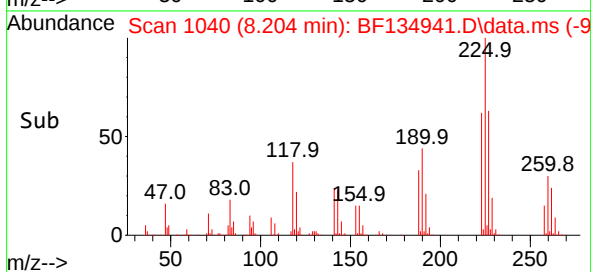
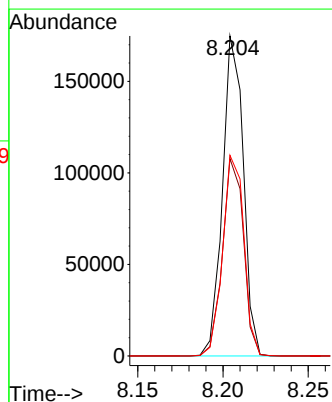
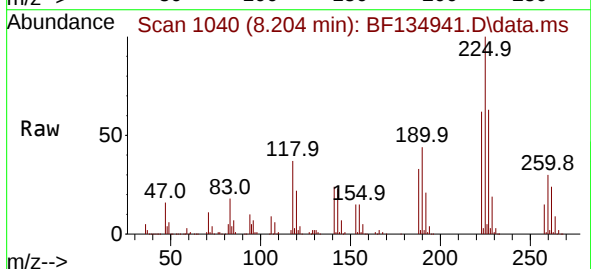
APPROVED

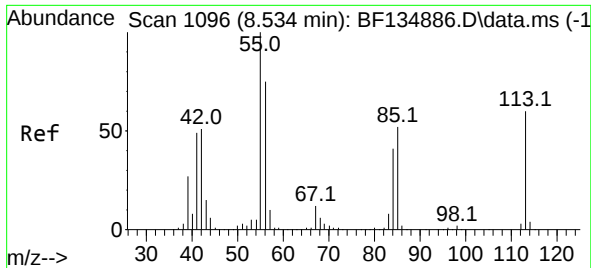
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#34
Hexachlorobutadiene
Concen: 48.728 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

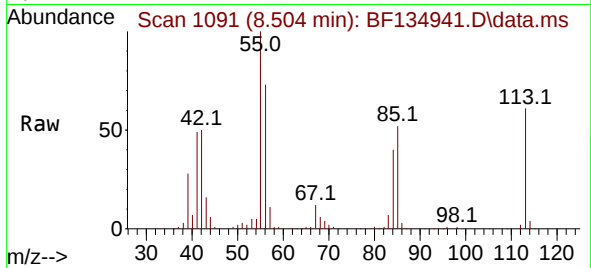
Tgt Ion:225 Resp: 148099
Ion Ratio Lower Upper
225 100
223 61.7 51.1 76.7
227 62.7 50.1 75.1





#35
Caprolactam
Concen: 50.266 ng m
RT: 8.504 min Scan# 1096
Delta R.T. -0.030 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

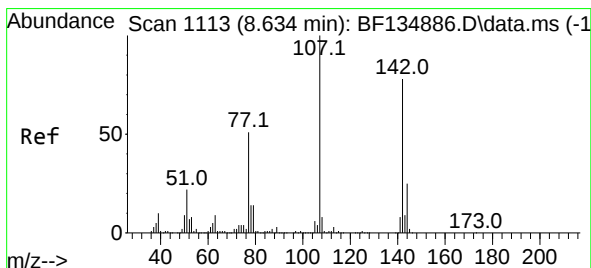
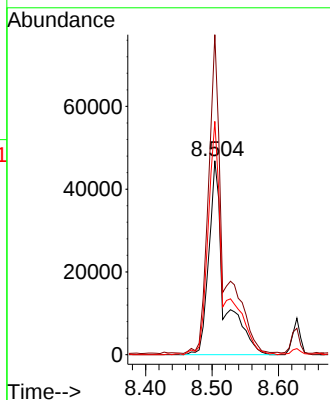
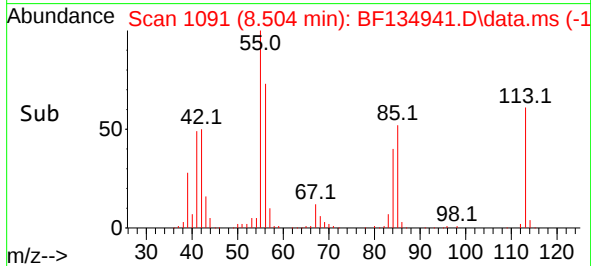
Instrument :
BNA_F
ClientSampleId :
72-12013MS



Tgt Ion:113 Resp: 7553
Ion Ratio Lower Upper
113 100
55 165.1 147.2 187.2
56 120.4 106.0 146.0

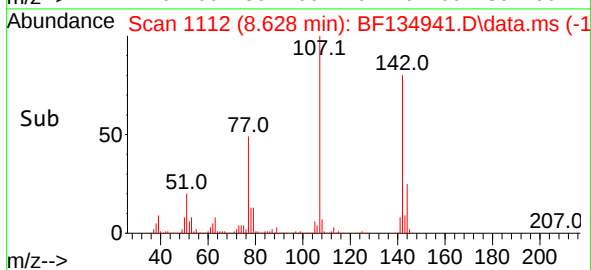
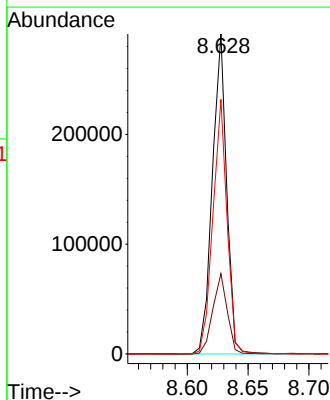
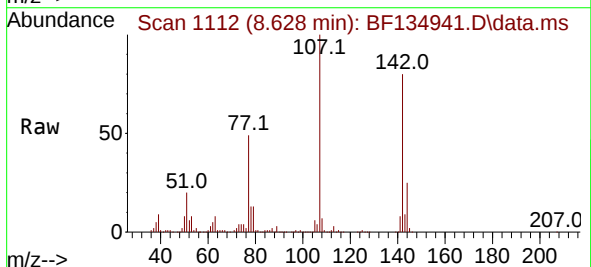
Manual Integrations
APPROVED

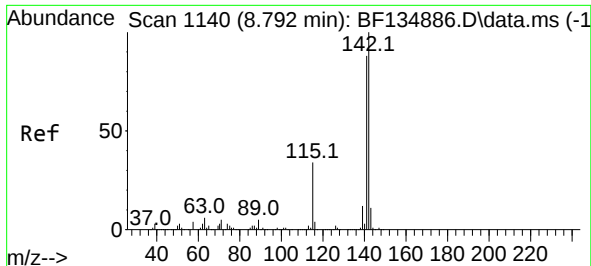
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#36
4-Chloro-3-methylphenol
Concen: 46.744 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:107 Resp: 237446
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 79.6 62.5 93.7





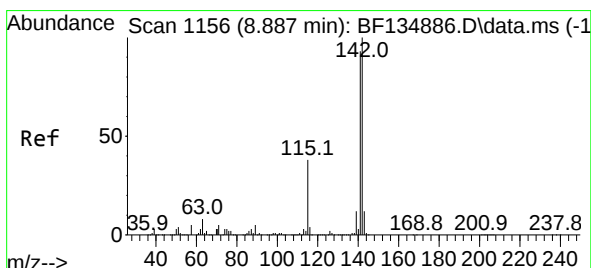
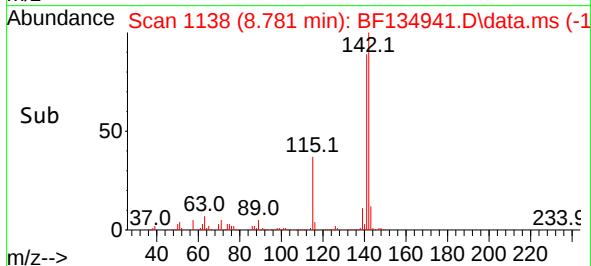
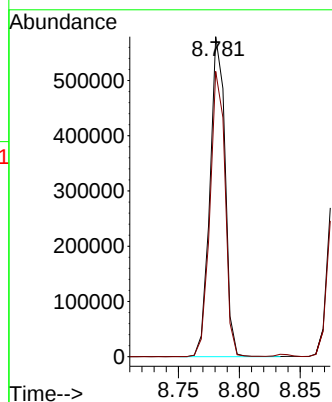
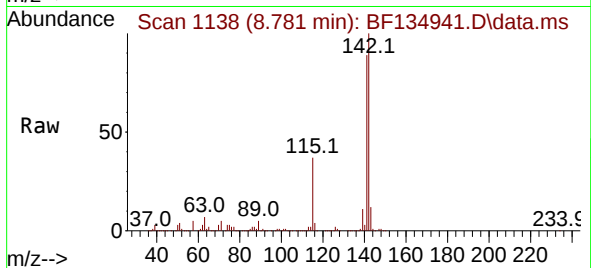
#37
2-Methylnaphthalene
Concen: 45.829 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :
BNA_F
ClientSampleId :
72-12013MS

Tgt Ion:142 Resp: 50281
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.2

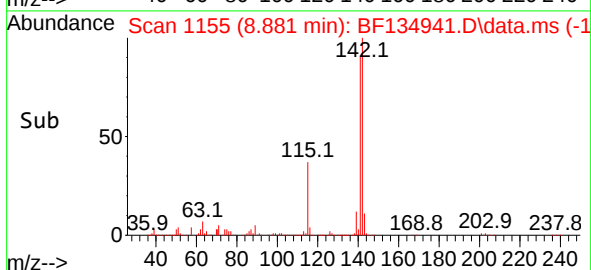
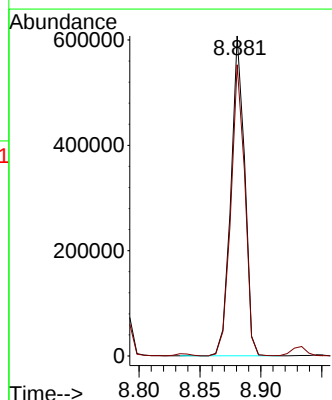
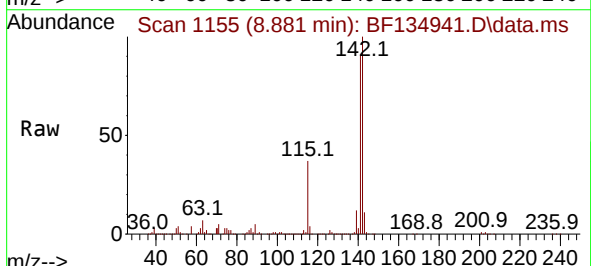
Manual Integrations
APPROVED

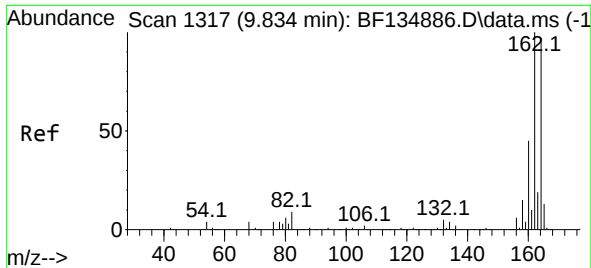
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#38
1-Methylnaphthalene
Concen: 46.519 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:142 Resp: 477242
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1





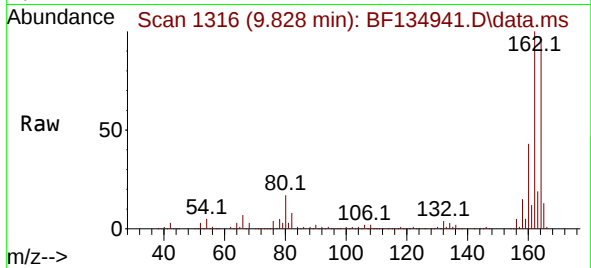
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS



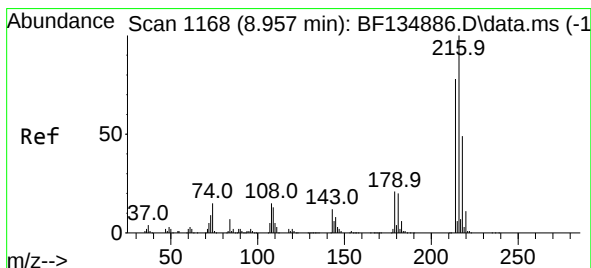
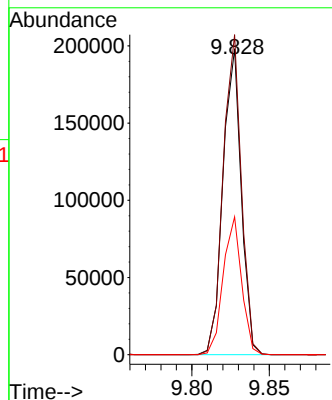
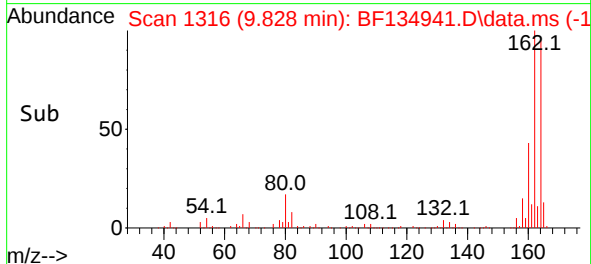
Tgt Ion:164 Resp: 162304
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 45.1 37.0 55.4

Manual Integrations

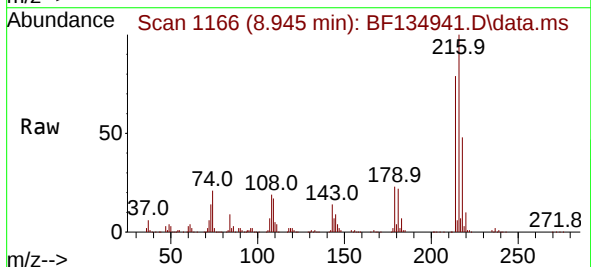
APPROVED

Reviewed By :Yogesh Patel 08/26/2023

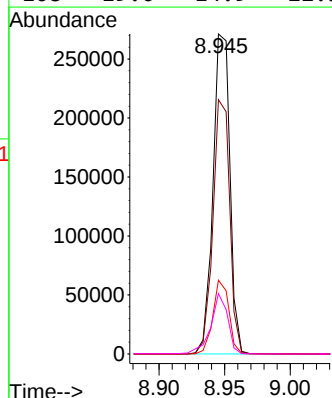
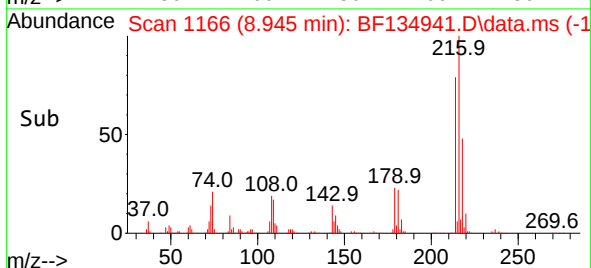
Supervised By :mohammad ahmed 08/26/2023

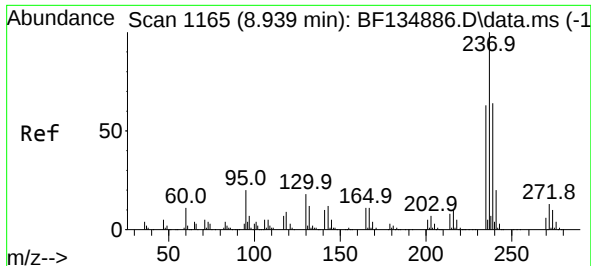


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.215 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:216 Resp: 243398
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 21.7 17.3 25.9
108 19.0 14.9 22.3





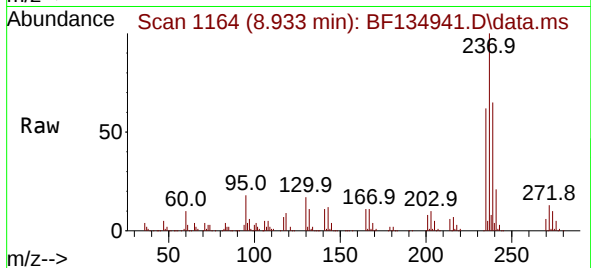
#41
Hexachlorocyclopentadiene
Concen: 56.926 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

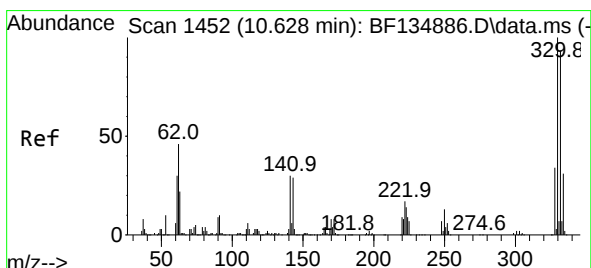
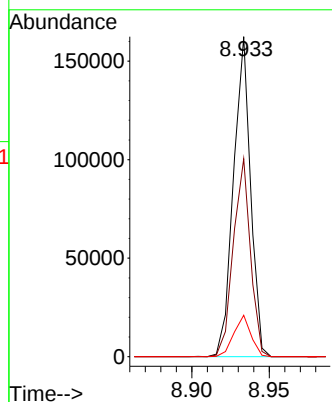
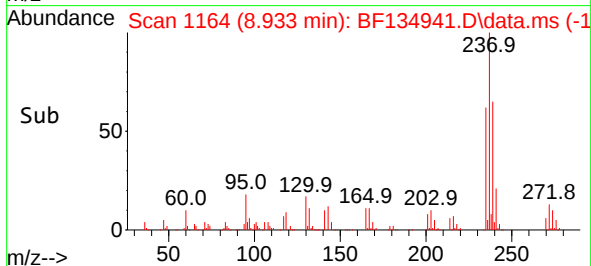


Tgt Ion:237 Resp: 12464
Ion Ratio Lower Upper
237 100
235 61.9 43.1 83.1
272 12.9 0.0 32.6

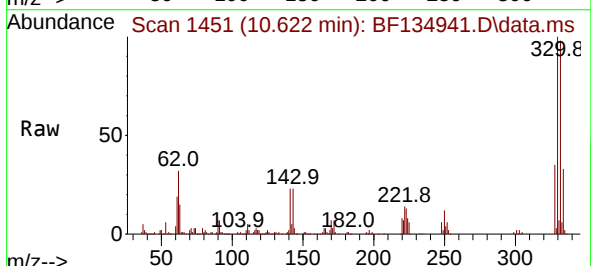
Manual Integrations

APPROVED

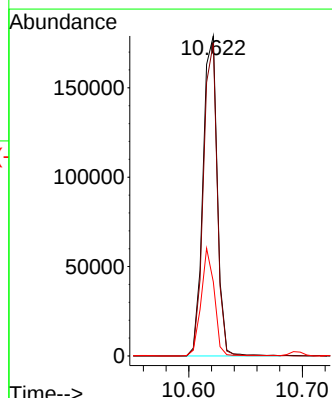
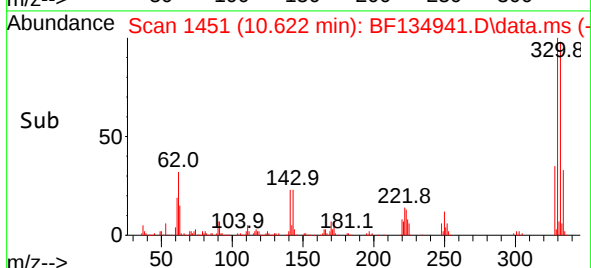
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

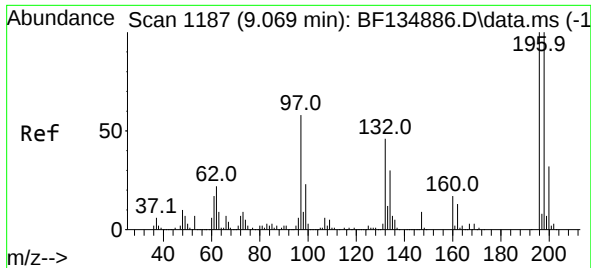


#42
2,4,6-Tribromophenol
Concen: 81.875 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:330 Resp: 156507
Ion Ratio Lower Upper
330 100
332 94.9 76.3 114.5
141 31.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 46.920 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

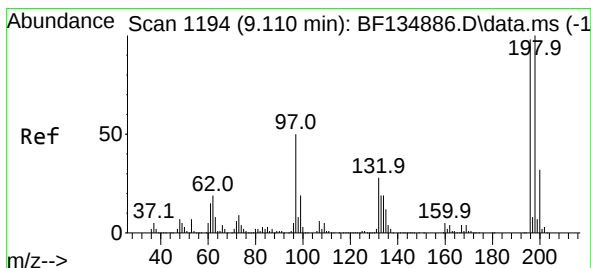
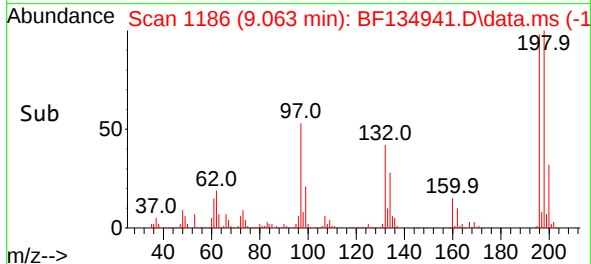
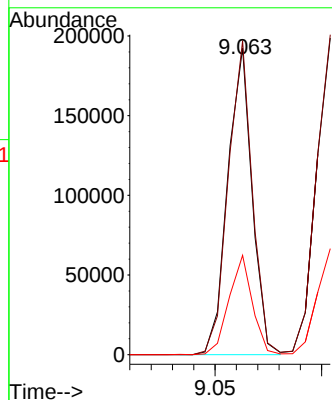
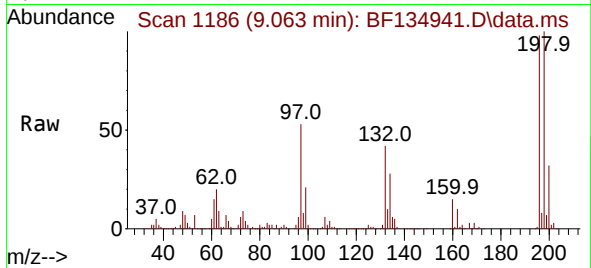
72-12013MS

Tgt Ion:196 Resp: 153254
Ion Ratio Lower Upper
196 100
198 102.4 79.8 119.6
200 32.4 25.8 38.6

Manual Integrations

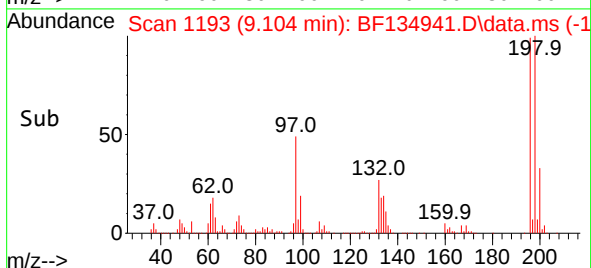
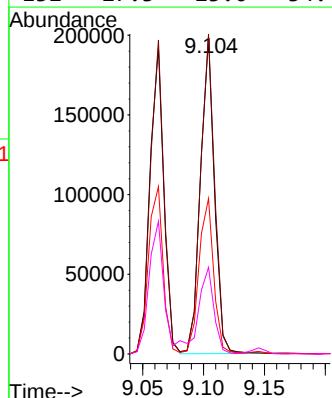
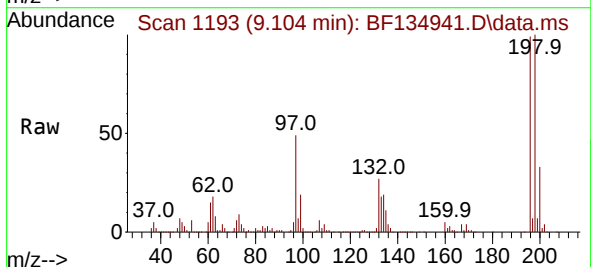
APPROVED

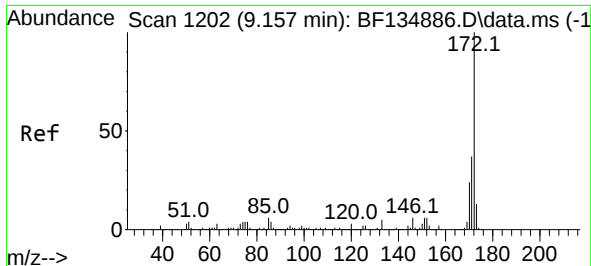
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#44
2,4,5-Trichlorophenol
Concen: 42.211 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:196 Resp: 159620
Ion Ratio Lower Upper
196 100
198 101.0 81.8 122.6
97 49.1 41.3 61.9
132 27.3 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 59.448 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

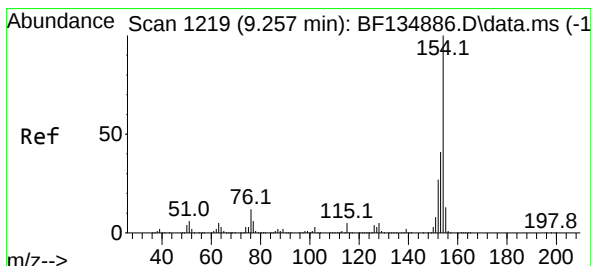
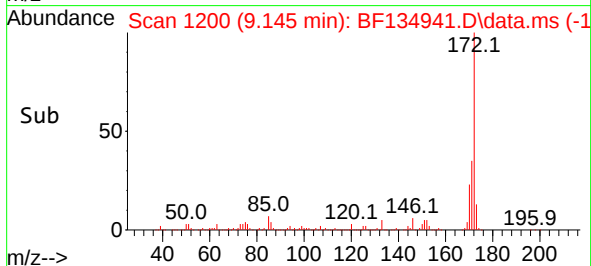
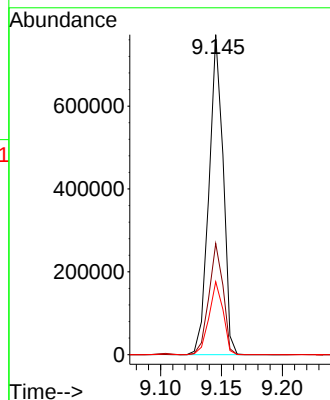
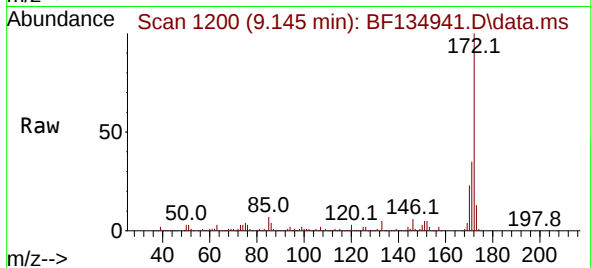
Tgt Ion:172	Resp: 624144
Ion Ratio	Lower Upper
172	100
171	34.8 29.4 44.0
170	22.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#46

1,1'-Biphenyl

Concen: 49.448 ng

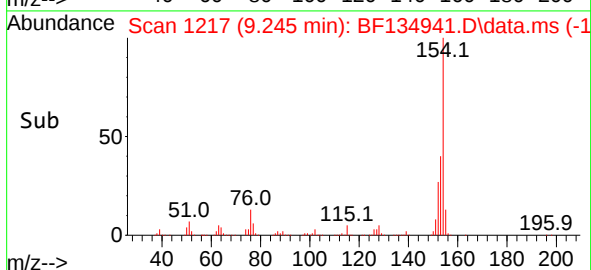
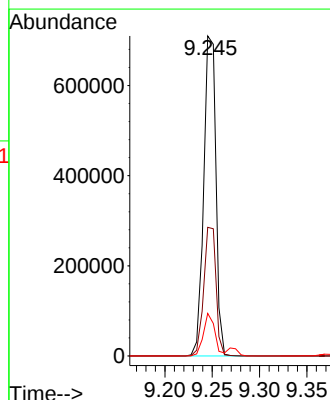
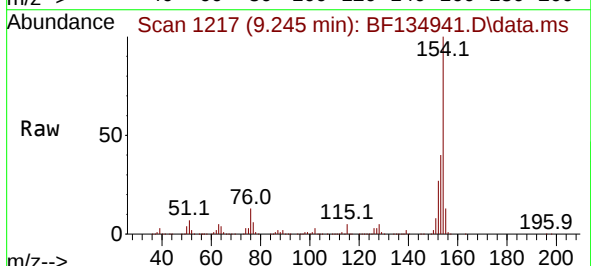
RT: 9.245 min Scan# 1217

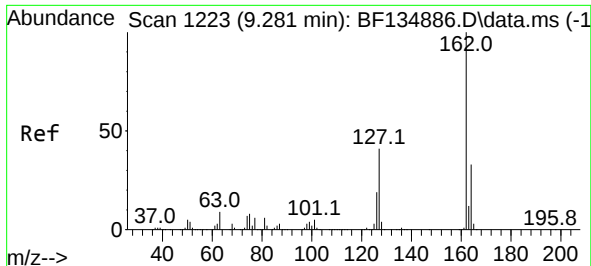
Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Tgt Ion:154	Resp: 633607
Ion Ratio	Lower Upper
154	100
153	40.2 21.3 61.3
76	13.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.310 ng

RT: 9.275 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

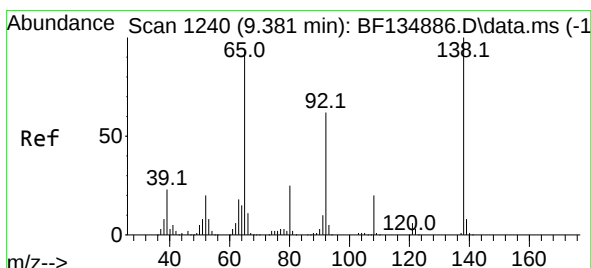
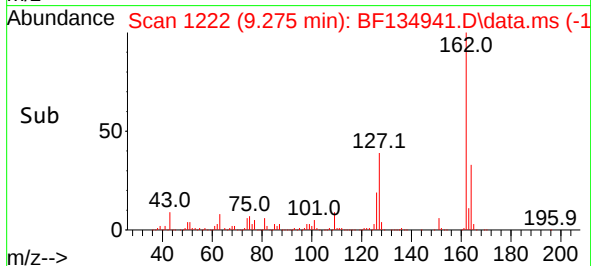
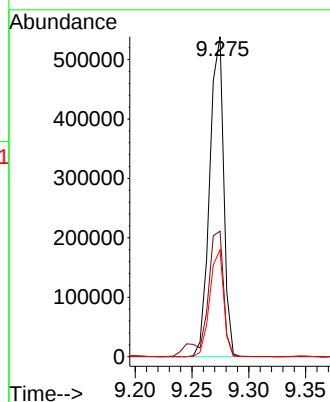
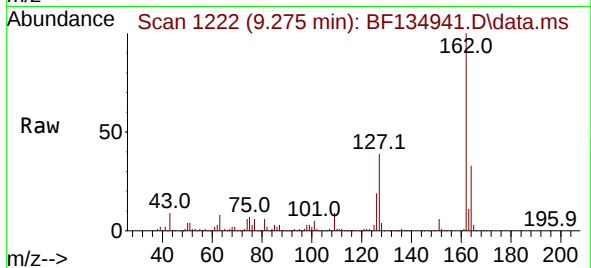
Tgt Ion:162 Resp: 462285
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.4 50.0
 164 33.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#48

2-Nitroaniline

Concen: 50.072 ng

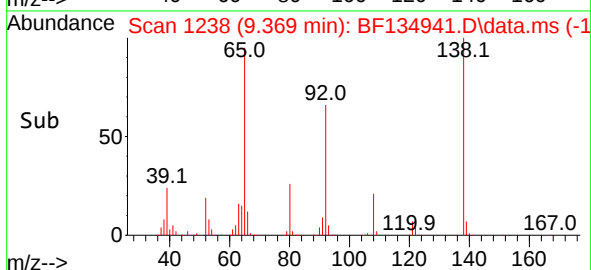
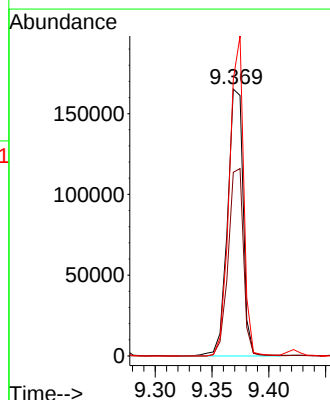
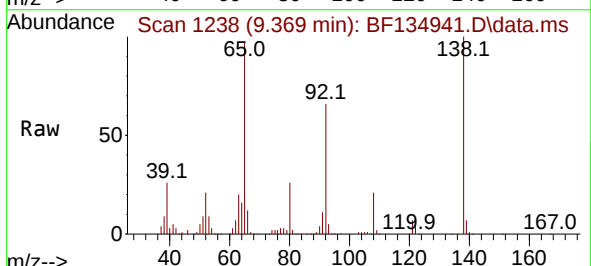
RT: 9.369 min Scan# 1238

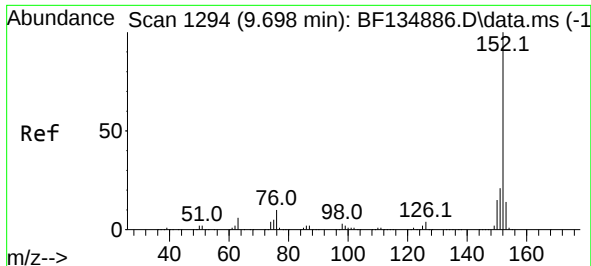
Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

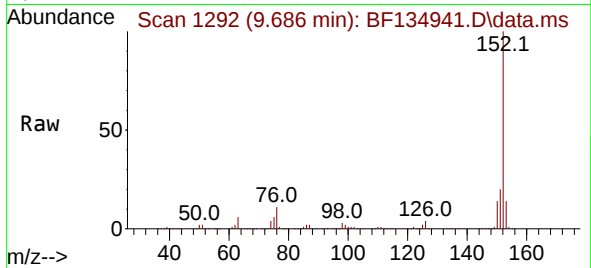
Tgt Ion: 65 Resp: 157506
 Ion Ratio Lower Upper
 65 100
 92 68.8 53.8 80.8
 138 103.6 86.5 129.7





#49
Acenaphthylene
Concen: 50.927 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

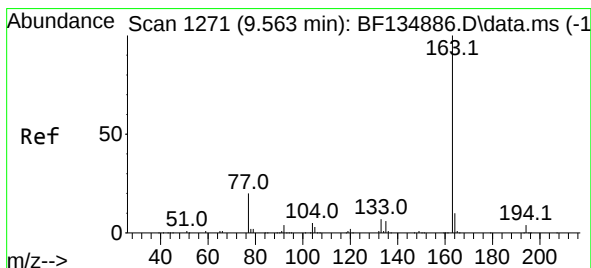
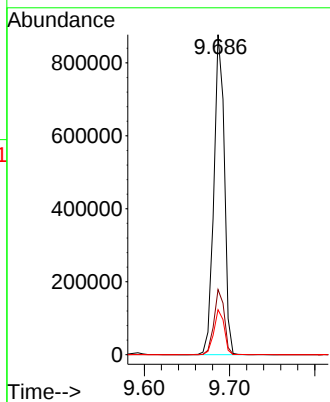
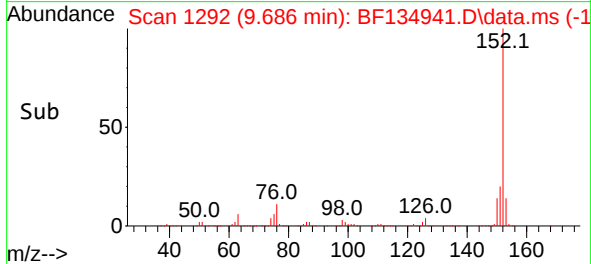
Instrument :
BNA_F
ClientSampleId :
72-12013MS



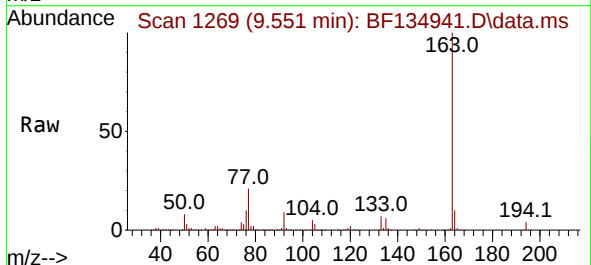
Tgt Ion:152 Resp: 750492
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 14.1 11.3 16.9

Manual Integrations
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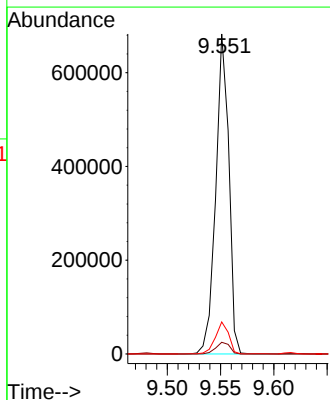
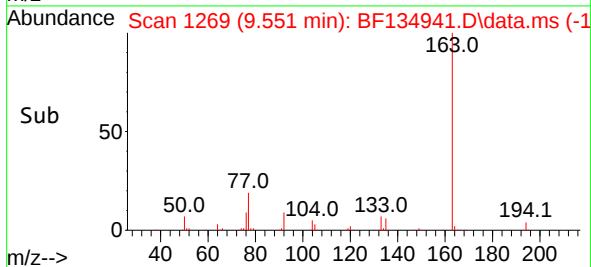
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

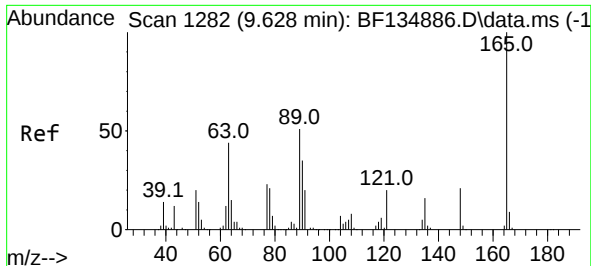


#50
Dimethylphthalate
Concen: 50.187 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:163 Resp: 579813
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.2 12.4





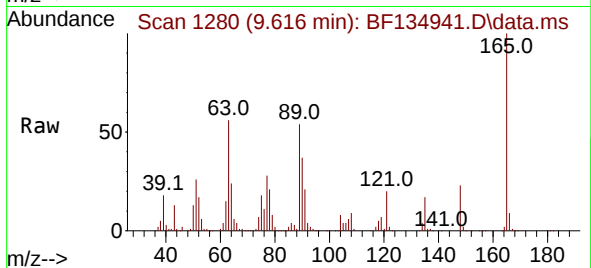
#51
2,6-Dinitrotoluene
Concen: 46.098 ng
RT: 9.616 min Scan# 11746
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

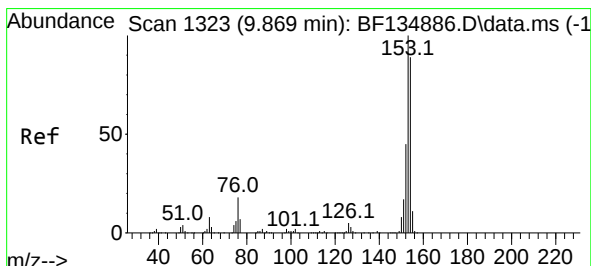
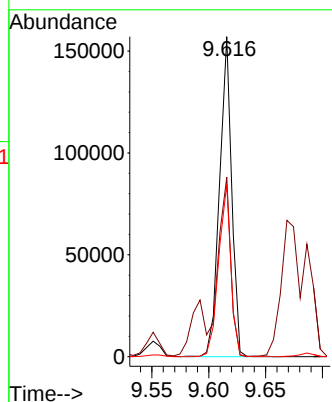
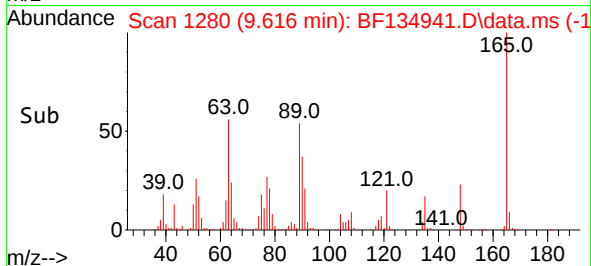


Tgt Ion:165 Resp: 11746
Ion Ratio Lower Upper
165 100
63 56.1 41.4 62.2
89 53.9 40.9 61.3

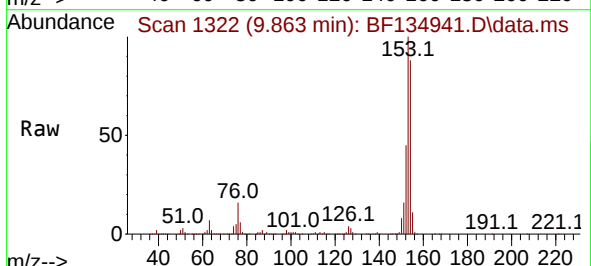
Manual Integrations

APPROVED

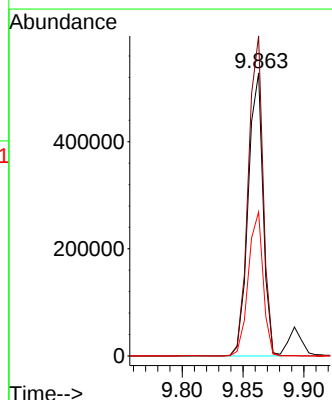
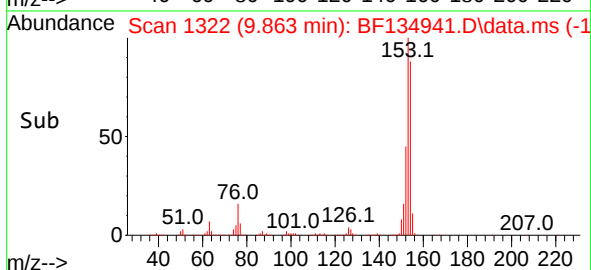
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

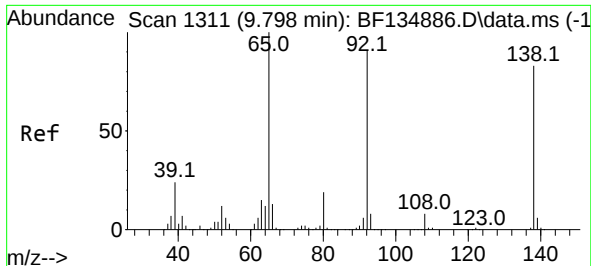


#52
Acenaphthene
Concen: 48.544 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:154 Resp: 450667
Ion Ratio Lower Upper
154 100
153 113.1 89.6 134.4
152 50.9 40.5 60.7





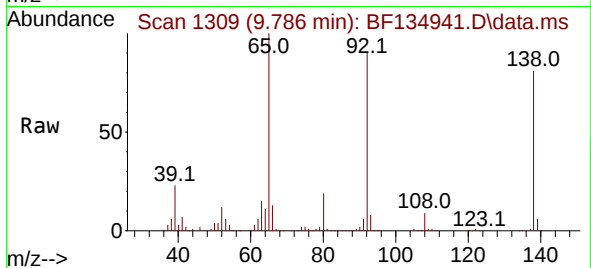
#53
3-Nitroaniline
Concen: 48.601 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

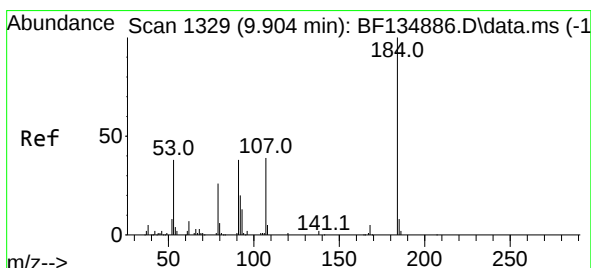
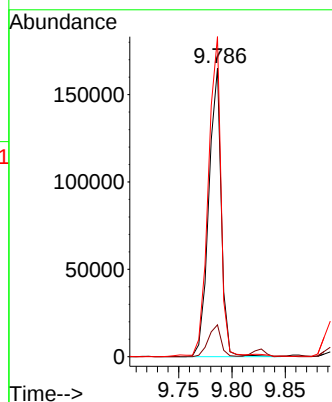
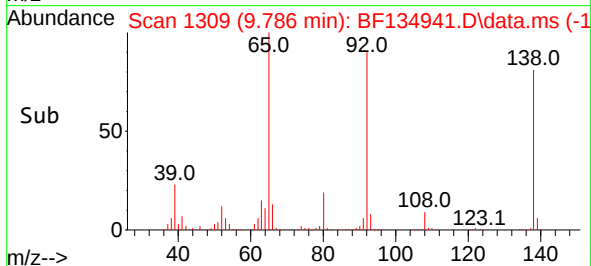


Tgt Ion:138 Resp: 135262
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 110.9 87.6 131.4

Manual Integrations

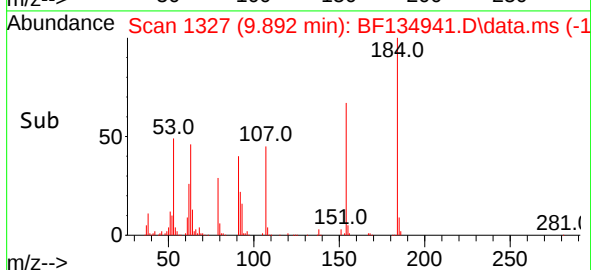
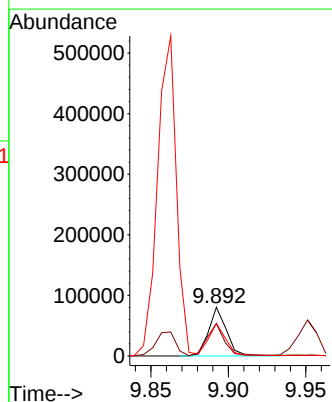
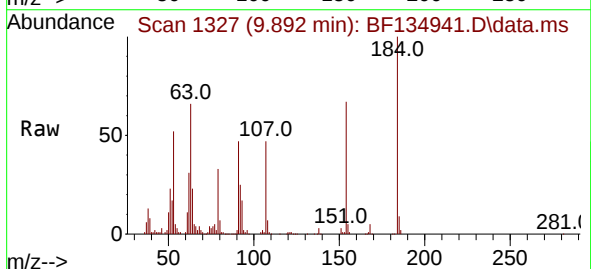
APPROVED

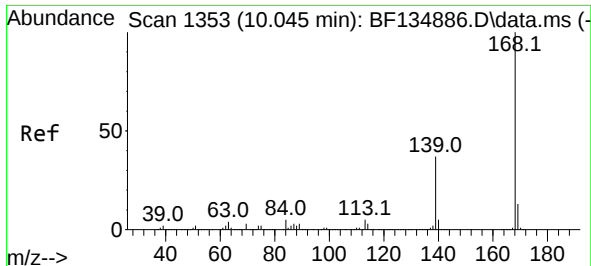
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#54
2,4-Dinitrophenol
Concen: 53.540 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

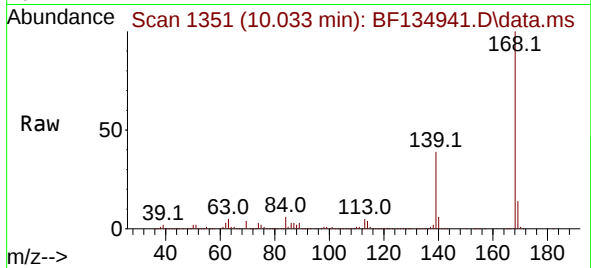
Tgt Ion:184 Resp: 64550
Ion Ratio Lower Upper
184 100
63 66.4 42.8 64.2#
154 67.3 48.0 72.0





#55
Dibenzenofuran
Concen: 48.921 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

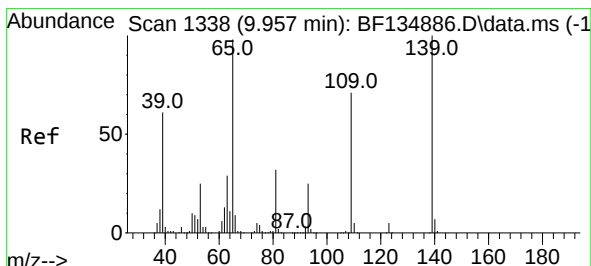
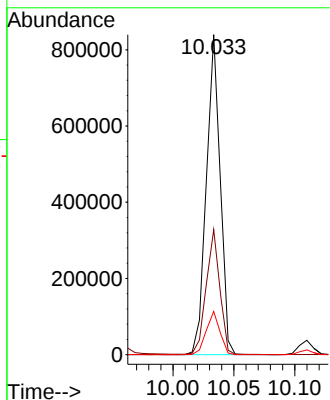
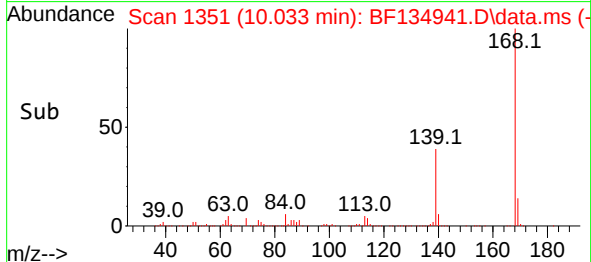
Instrument :
BNA_F
ClientSampleId :
72-12013MS



Tgt Ion:168 Resp: 661230
Ion Ratio Lower Upper
168 100
139 39.1 29.5 44.3
169 13.5 10.7 16.1

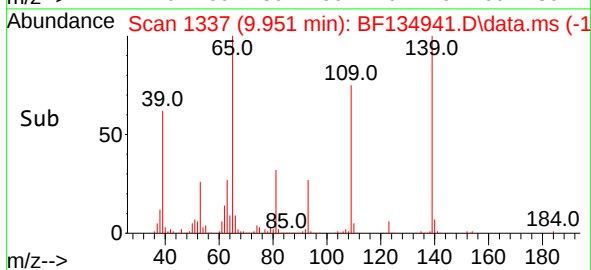
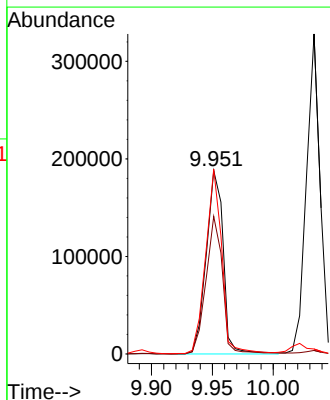
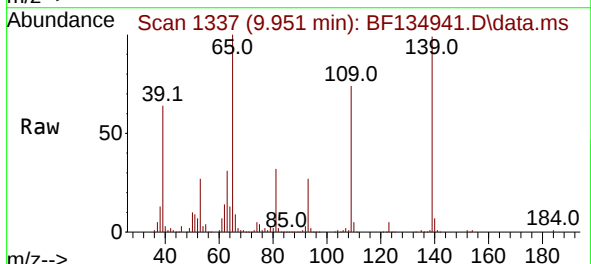
Manual Integrations
APPROVED

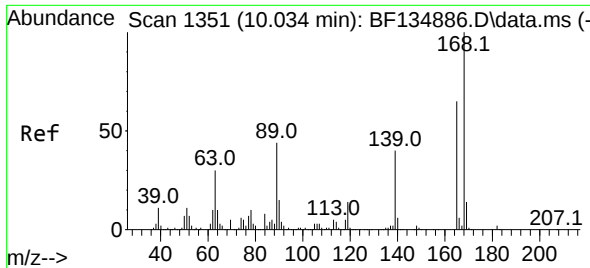
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#56
4-Nitrophenol
Concen: 93.722 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:139 Resp: 181774
Ion Ratio Lower Upper
139 100
109 75.0 51.0 91.0
65 100.9 78.5 118.5





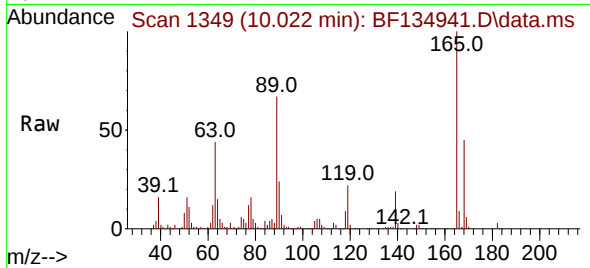
#57
2,4-Dinitrotoluene
Concen: 47.593 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

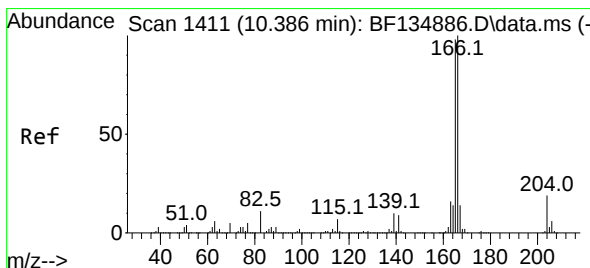
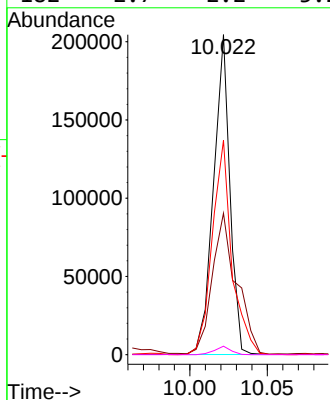
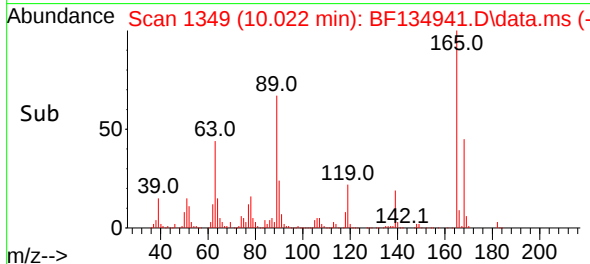


Tgt Ion:165 Resp: 14997
Ion Ratio Lower Upper
165 100
63 44.2 37.7 56.5
89 67.0 54.2 81.4
182 2.7 2.2 3.2

Manual Integrations

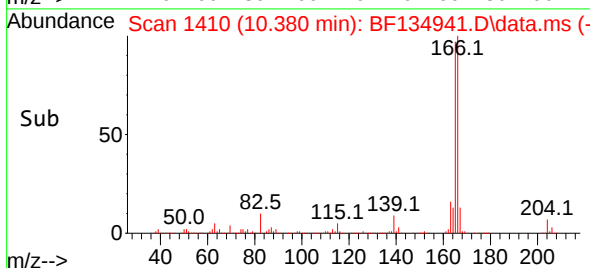
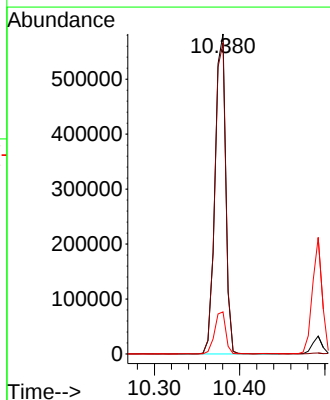
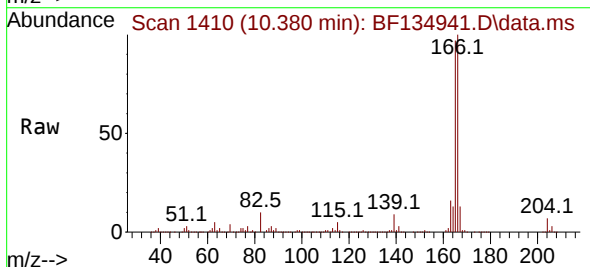
APPROVED

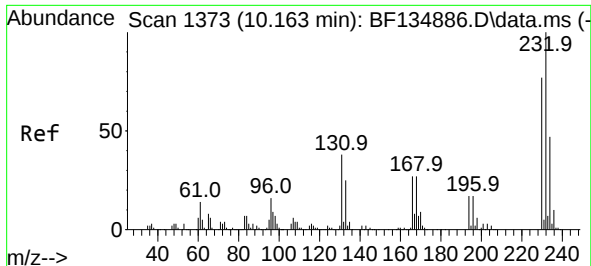
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#58
Fluorene
Concen: 49.629 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

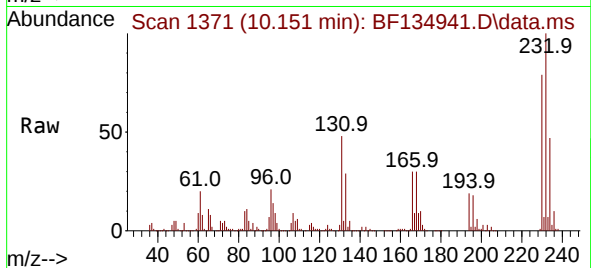
Tgt Ion:166 Resp: 508780
Ion Ratio Lower Upper
166 100
165 97.2 78.5 117.7
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.410 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

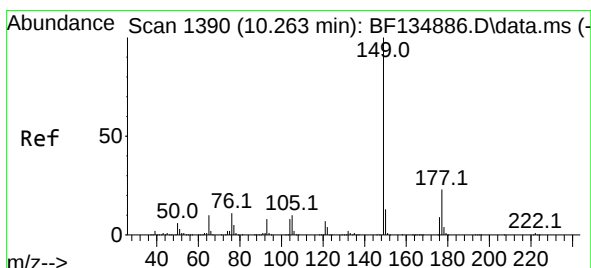
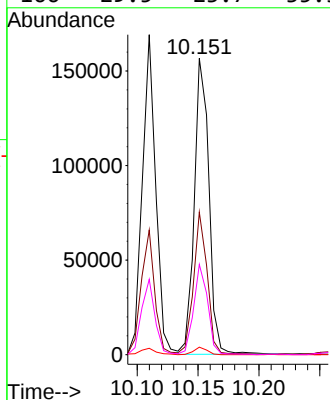
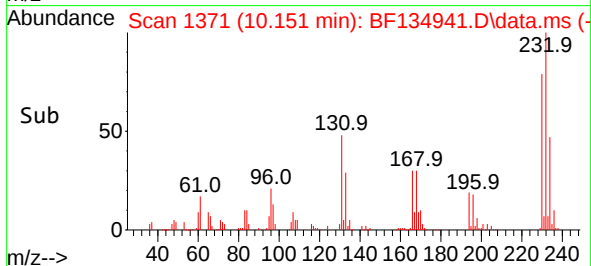
Instrument :
BNA_F
ClientSampleId :
72-12013MS



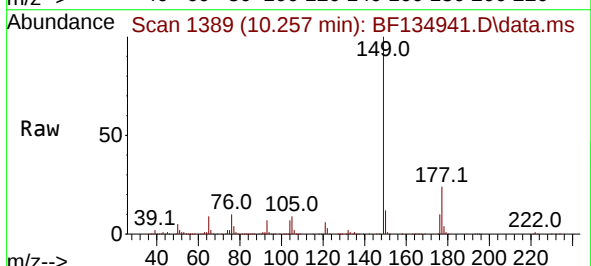
Tgt Ion:232 Resp: 130844
Ion Ratio Lower Upper
232 100
131 45.2 33.9 50.9
130 2.3 1.6 2.4
166 29.5 23.7 35.5

Manual Integrations
APPROVED

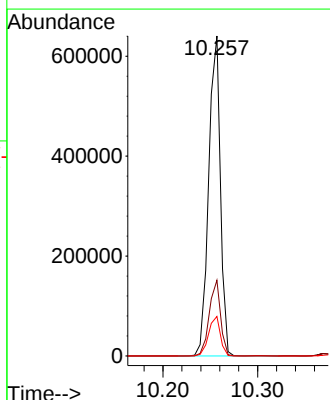
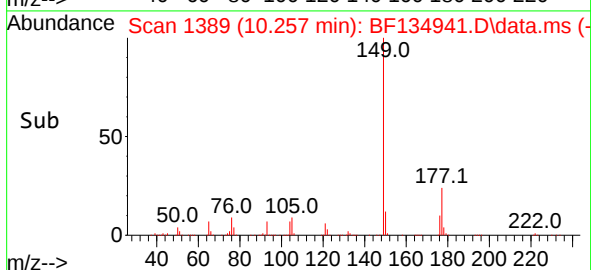
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

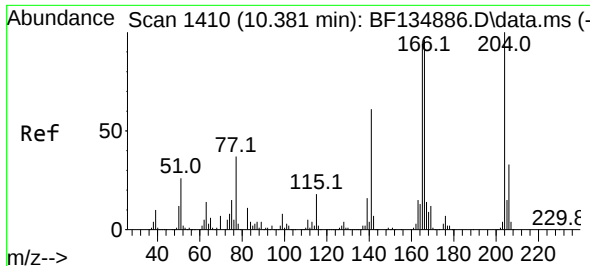


#60
Diethylphthalate
Concen: 51.599 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



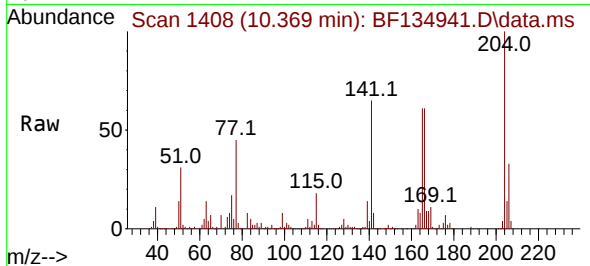
Tgt Ion:149 Resp: 546158
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 49.377 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

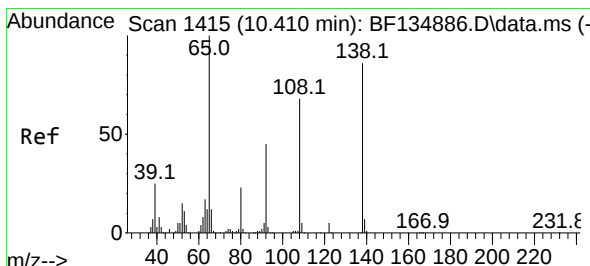
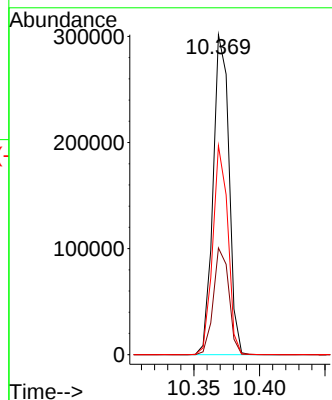
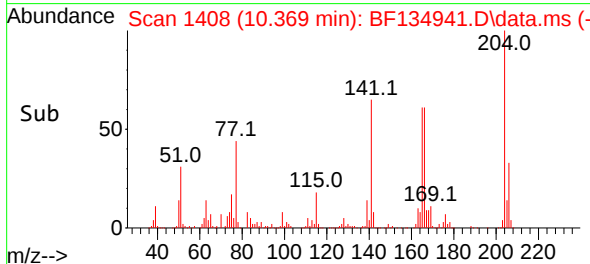
Instrument :
BNA_F
ClientSampleId :
72-12013MS



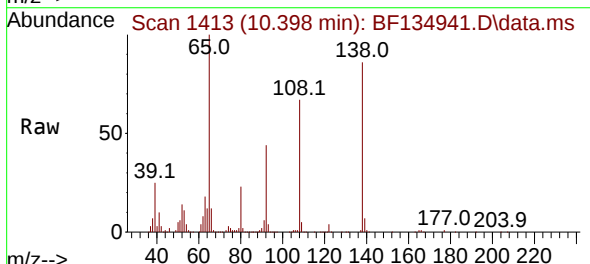
Tgt Ion:204 Resp: 25375
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 65.3 48.6 73.0

Manual Integrations
APPROVED

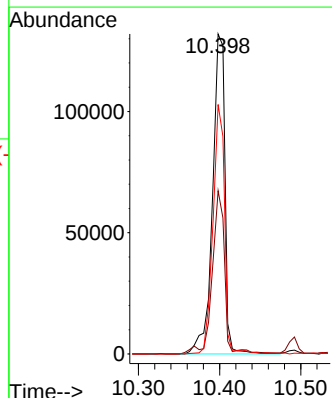
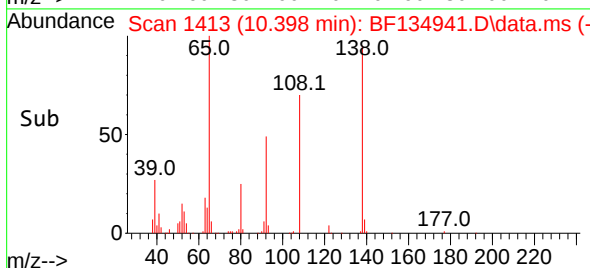
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

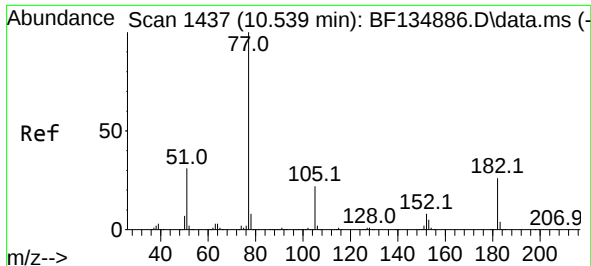


#62
4-Nitroaniline
Concen: 53.824 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:138 Resp: 140034
Ion Ratio Lower Upper
138 100
92 51.0 32.5 72.5
108 78.0 58.6 98.6





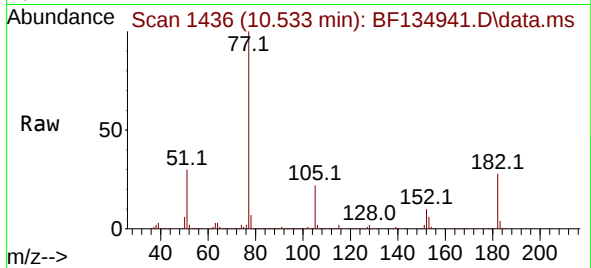
#63
Azobenzene
Concen: 47.116 ng
RT: 10.533 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

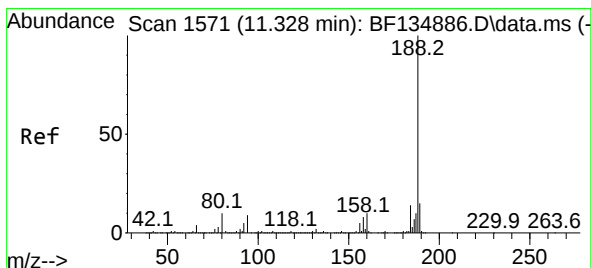
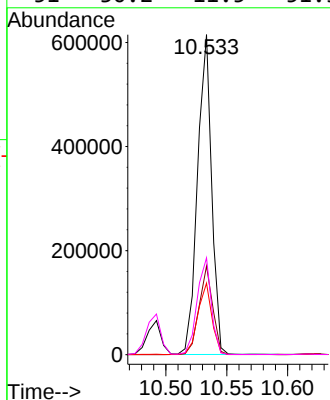
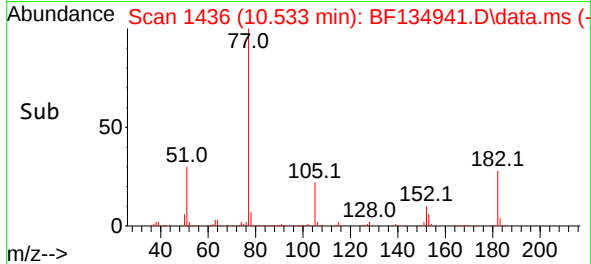


Tgt Ion: 77 Resp: 495420
Ion Ratio Lower Upper
77 100
182 27.7 5.8 45.8
105 22.4 1.6 41.6
51 30.2 11.5 51.5

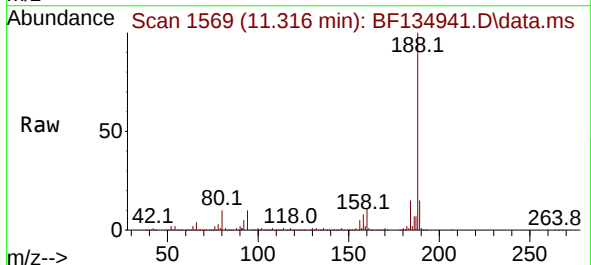
Manual Integrations

APPROVED

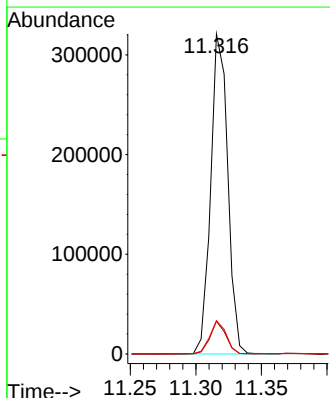
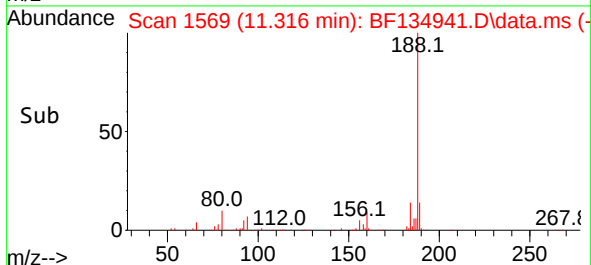
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

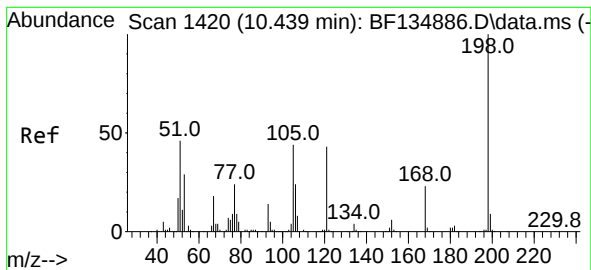


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



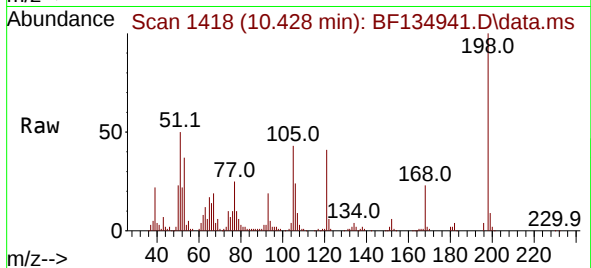
Tgt Ion:188 Resp: 290592
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.4 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 30.033 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.011 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

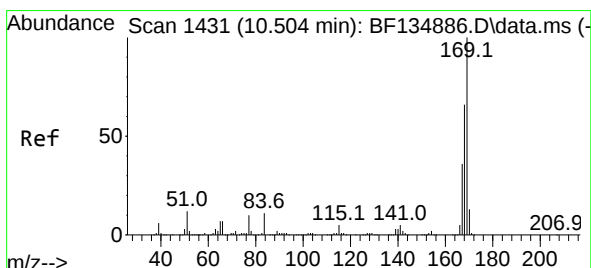
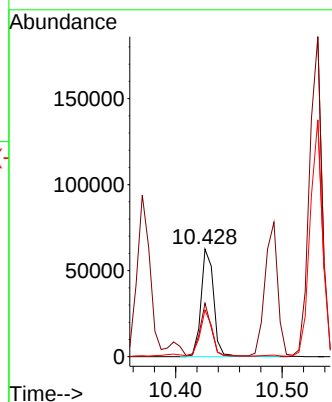
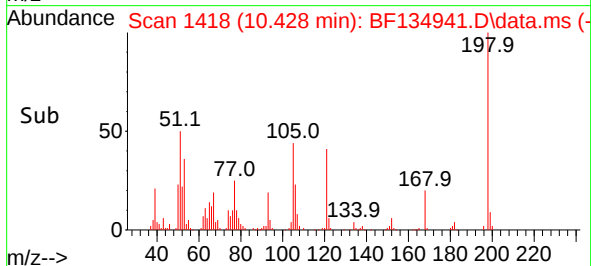
Instrument :
BNA_F
ClientSampleId :
72-12013MS



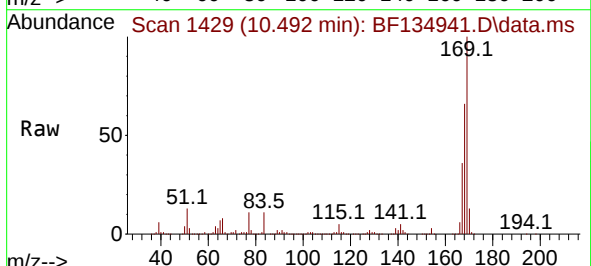
Tgt Ion:198 Resp: 51497
Ion Ratio Lower Upper
198 100
51 49.7 30.3 70.3
105 43.3 24.5 64.5

Manual Integrations
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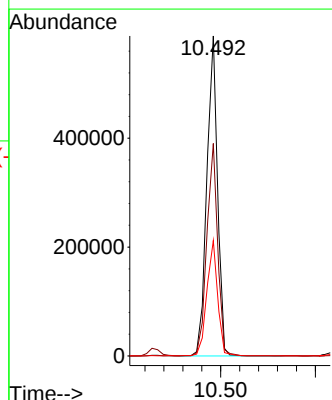
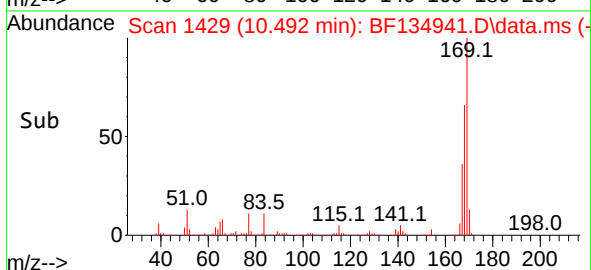
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

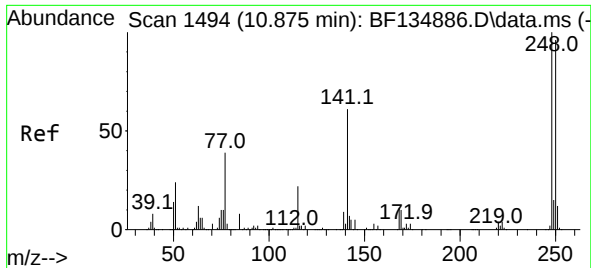


#66
n-Nitrosodiphenylamine
Concen: 49.279 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



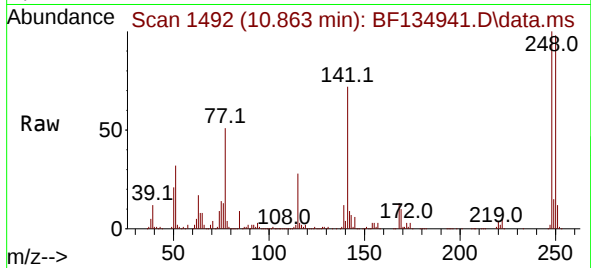
Tgt Ion:169 Resp: 461142
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.318 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

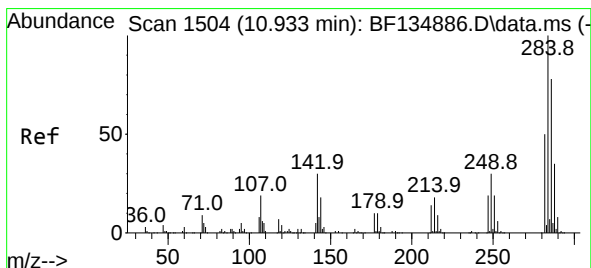
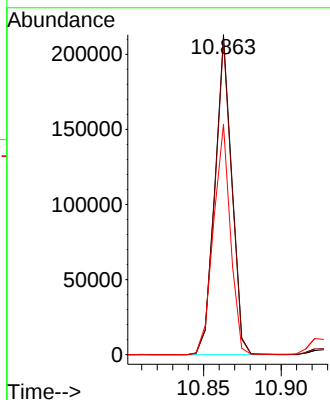
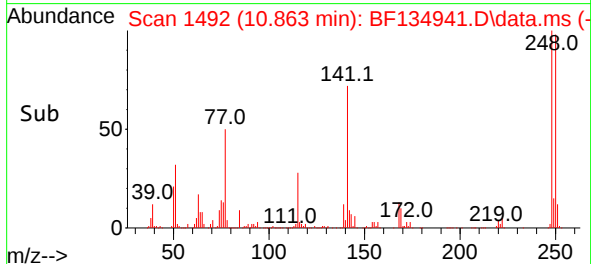
Instrument :
BNA_F
ClientSampleId :
72-12013MS



Tgt Ion:248 Resp: 161990
Ion Ratio Lower Upper
248 100
250 98.2 77.1 115.7
141 72.0 49.0 73.4

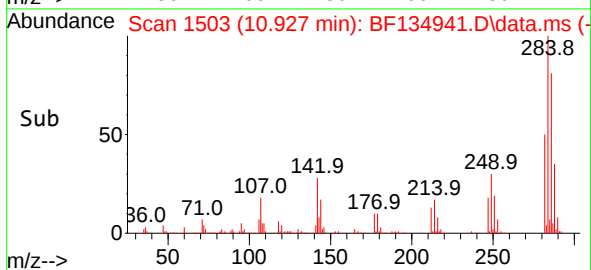
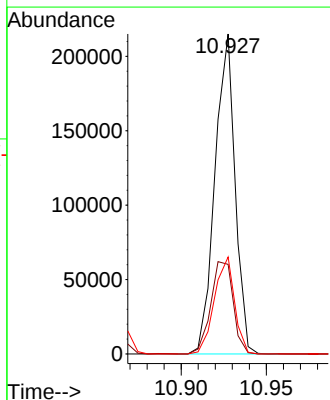
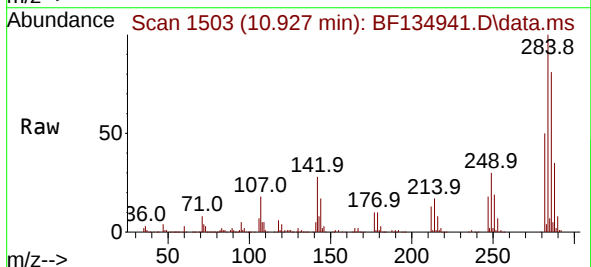
Manual Integrations
APPROVED

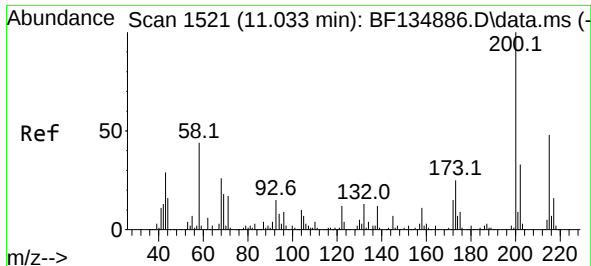
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#68
Hexachlorobenzene
Concen: 49.519 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:284 Resp: 176565
Ion Ratio Lower Upper
284 100
142 28.0 23.9 35.9
249 30.3 24.1 36.1





#69
 Atrazine
 Concen: 59.399 ng
 RT: 11.027 min Scan# 1520
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

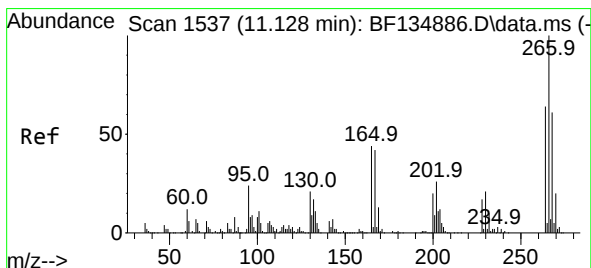
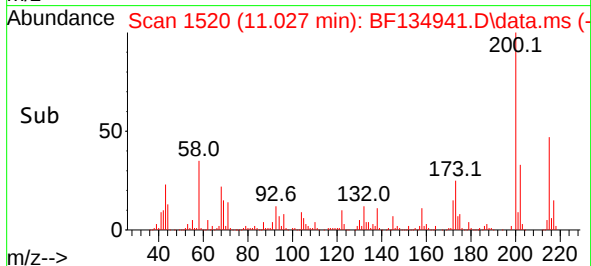
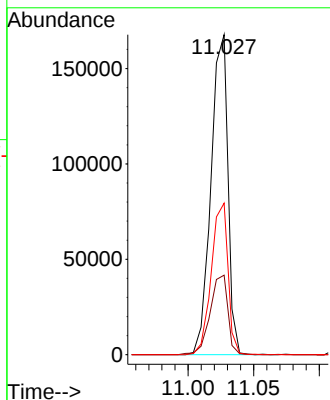
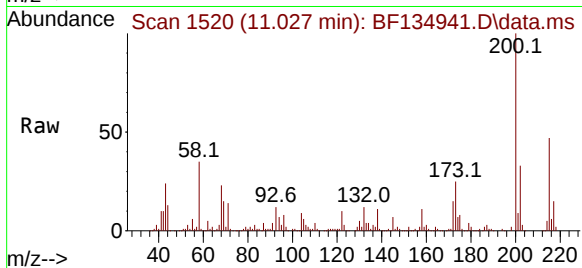
72-12013MS

Tgt Ion:200 Resp: 150938
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.3 45.3
 215 47.3 28.3 68.3

Manual Integrations

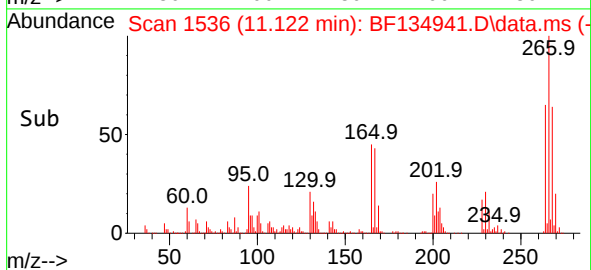
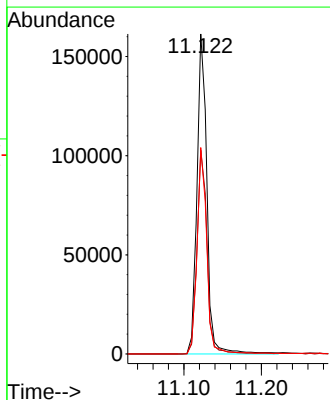
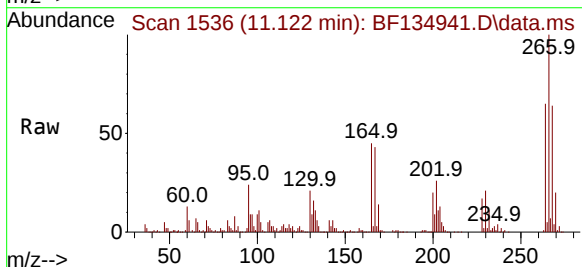
APPROVED

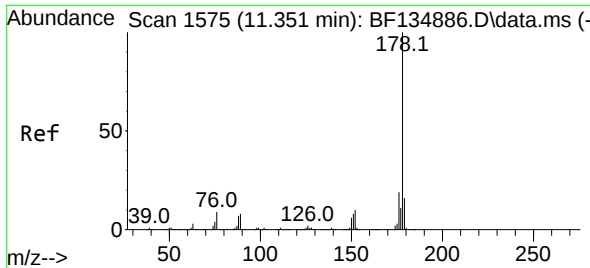
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#70
 Pentachlorophenol
 Concen: 66.921 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

Tgt Ion:266 Resp: 143598
 Ion Ratio Lower Upper
 266 100
 268 63.6 48.9 73.3
 264 64.5 51.0 76.6





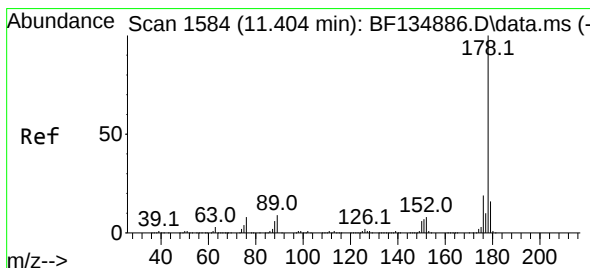
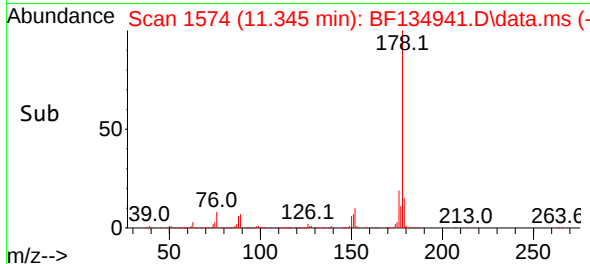
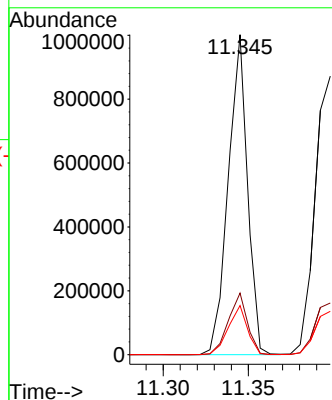
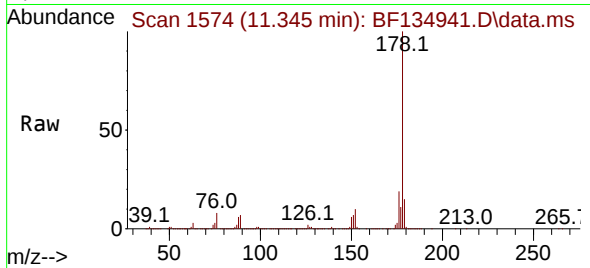
#71
Phenanthrene
Concen: 51.819 ng
RT: 11.345 min Scan# 11345
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :
BNA_F
ClientSampleId :
72-12013MS

Tgt Ion:178 Resp: 789072
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.6 19.0

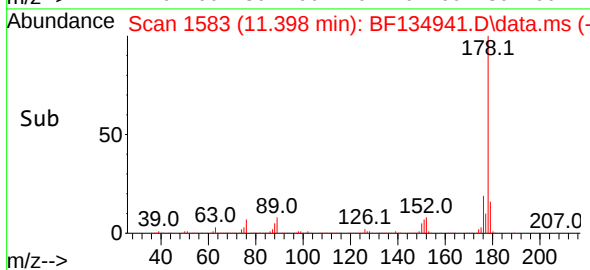
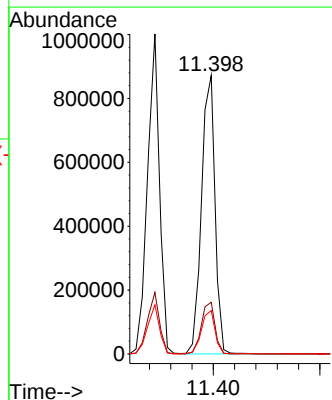
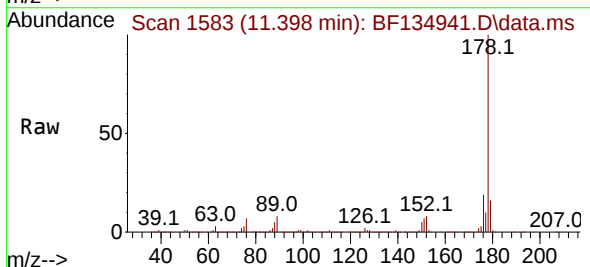
Manual Integrations
APPROVED

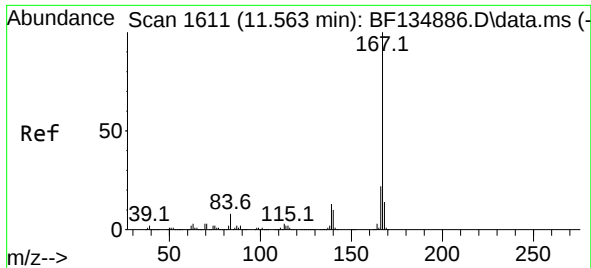
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#72
Anthracene
Concen: 49.376 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

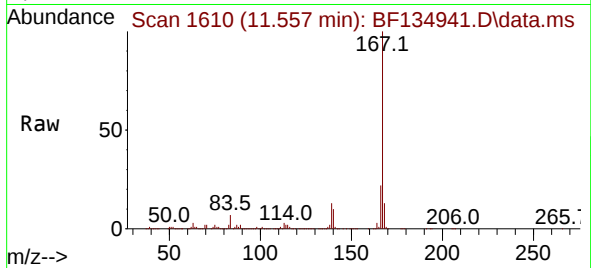
Tgt Ion:178 Resp: 770367
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 52.649 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

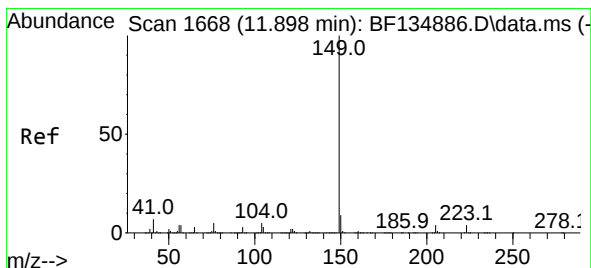
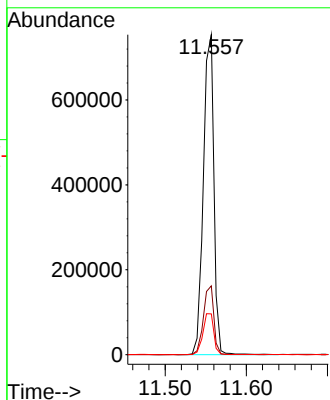
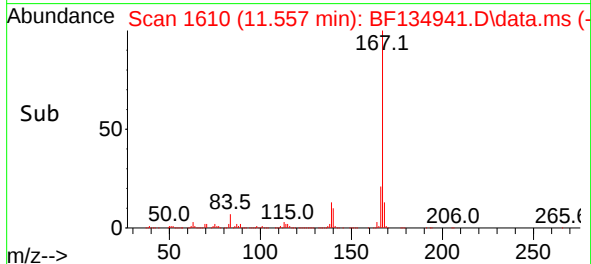
Instrument :
 BNA_F
 ClientSampleId :
 72-12013MS



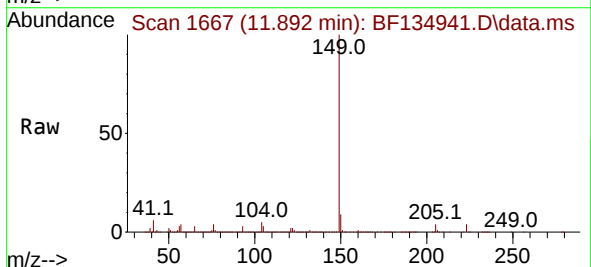
Tgt Ion:167 Resp: 676880
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 12.7 10.4 15.6

Manual Integrations
 APPROVED

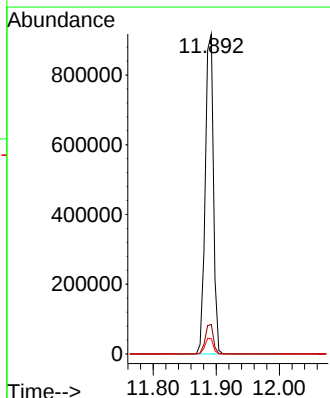
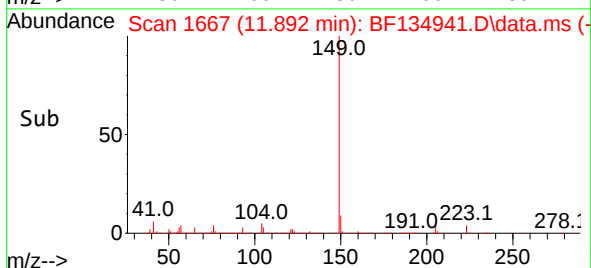
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

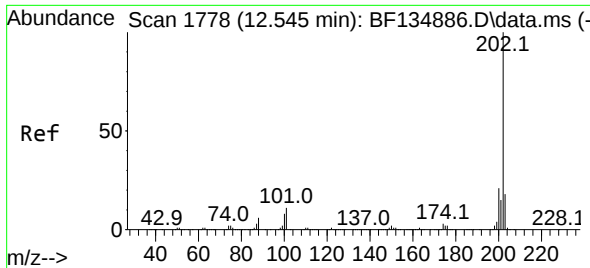


#74
 Di-n-butylphthalate
 Concen: 56.027 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20



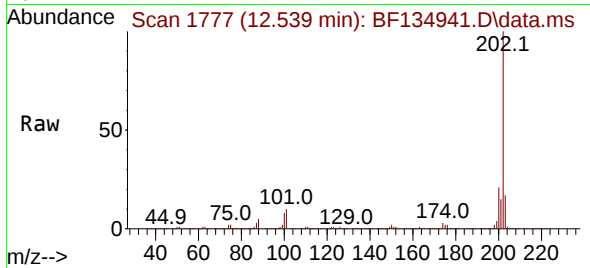
Tgt Ion:149 Resp: 826117
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 4.1 6.1





#75
Fluoranthene
Concen: 56.927 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

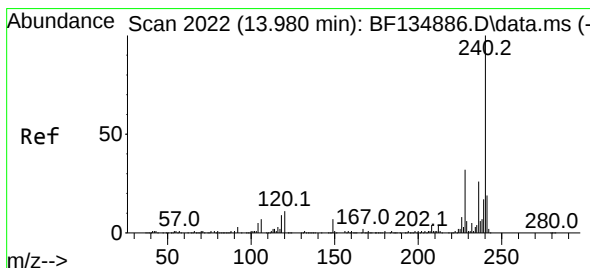
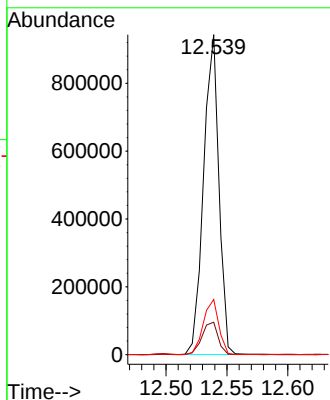
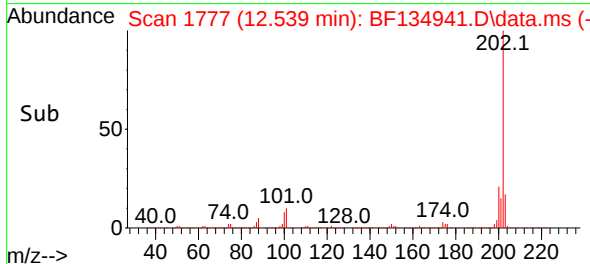
Instrument :
BNA_F
ClientSampleId :
72-12013MS



Tgt Ion:202 Resp: 82136
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.2 0.0 37.8

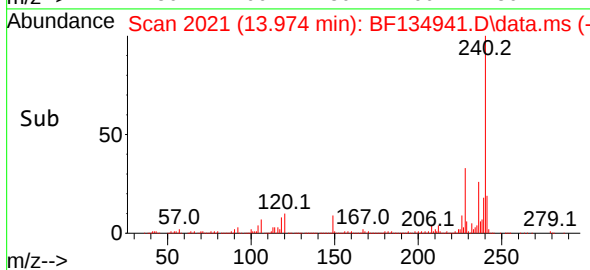
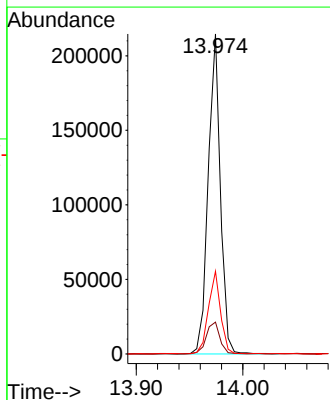
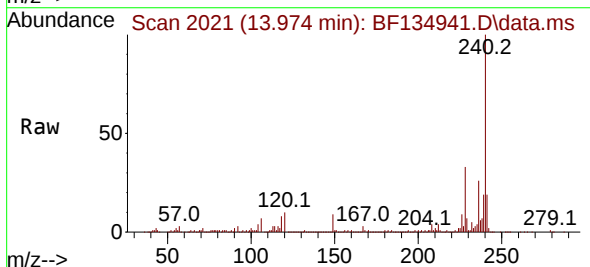
Manual Integrations
APPROVED

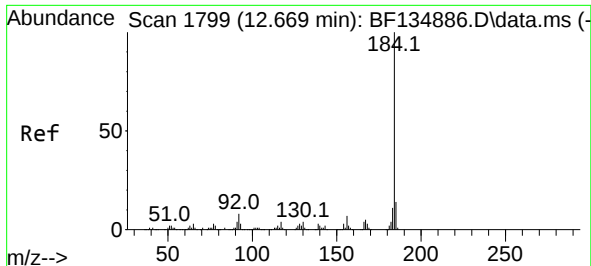
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:240 Resp: 170466
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.9 20.6 31.0





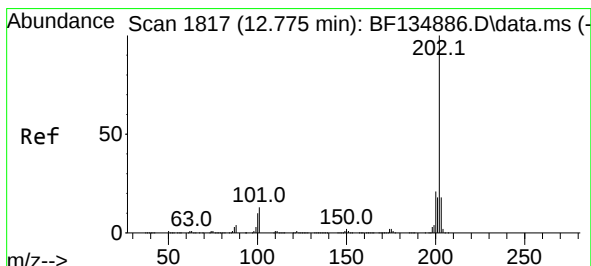
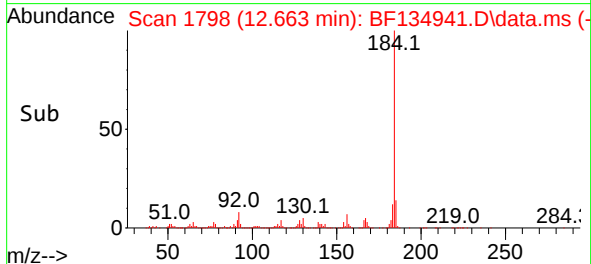
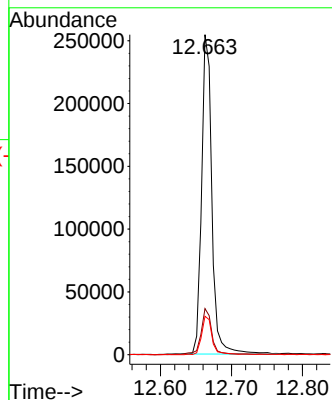
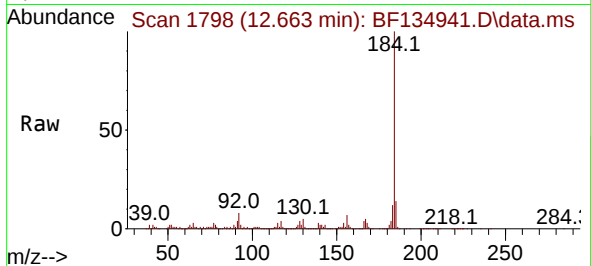
#77
Benzidine
Concen: 92.908 ng
RT: 12.663 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :
BNA_F
ClientSampleId :
72-12013MS

Tgt Ion:184 Resp: 256964
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.0 9.0 13.4

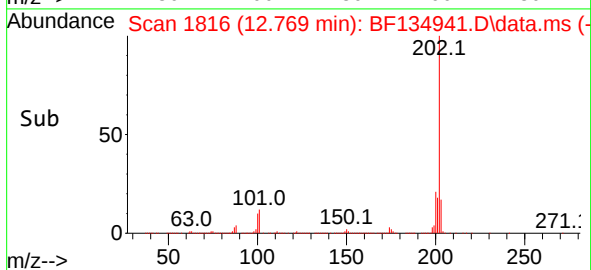
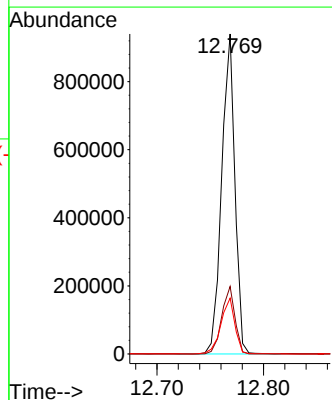
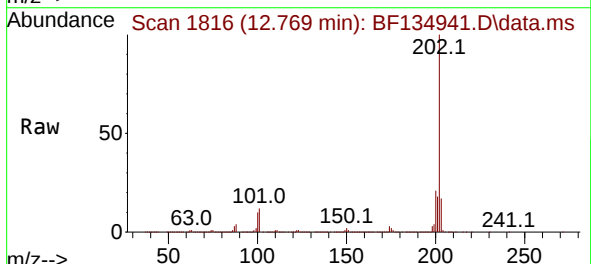
Manual Integrations
APPROVED

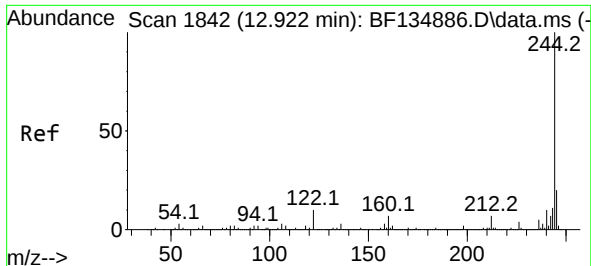
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#78
Pyrene
Concen: 44.548 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:202 Resp: 805156
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.5 14.2 21.2





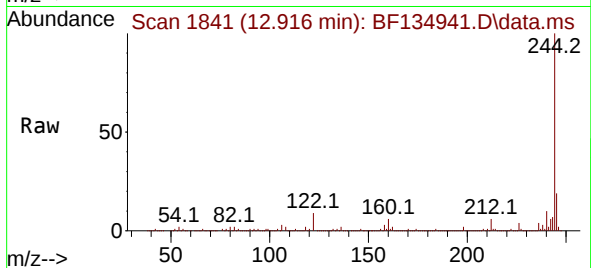
#79
 Terphenyl-d14
 Concen: 52.753 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

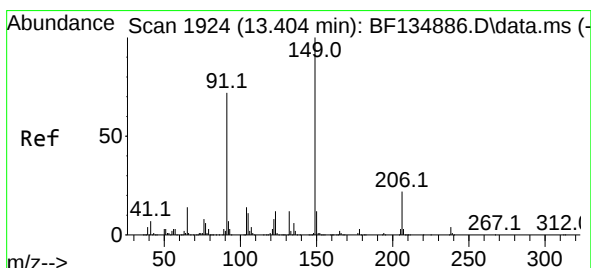
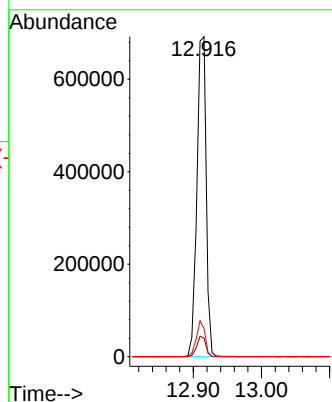
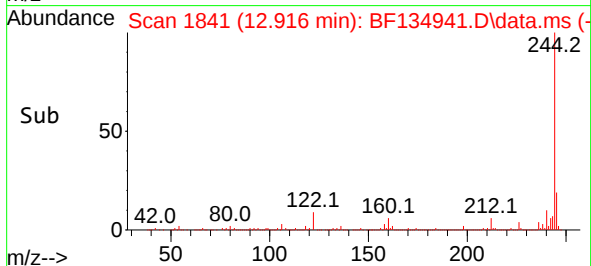


Tgt Ion:244 Resp: 65382
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 8.7 8.2 12.4

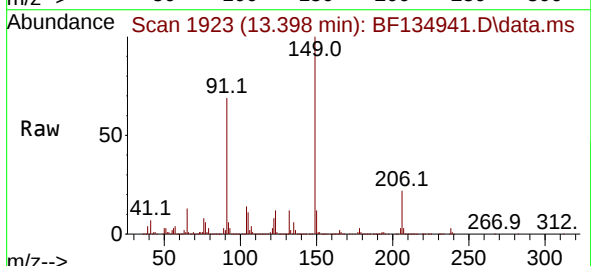
Manual Integrations

APPROVED

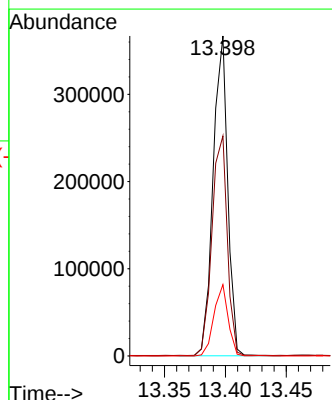
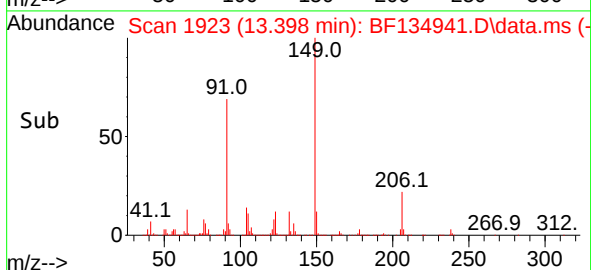
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

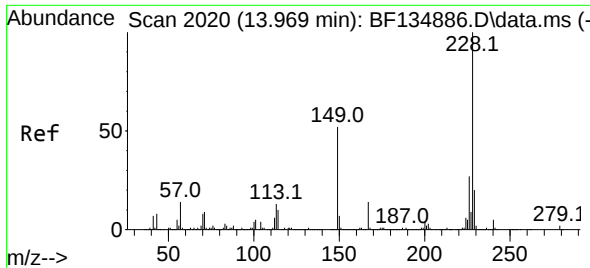


#80
 Butylbenzylphthalate
 Concen: 55.665 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF134941.D
 Acq: 25 Aug 2023 15:20



Tgt Ion:149 Resp: 306525
 Ion Ratio Lower Upper
 149 100
 91 68.7 57.2 85.8
 206 22.3 18.0 27.0





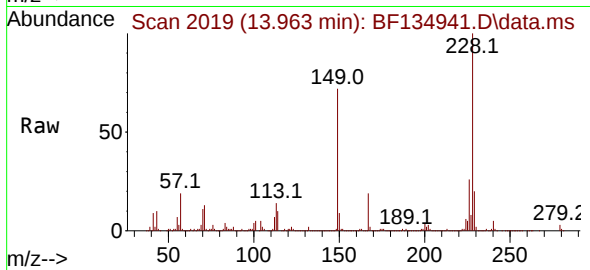
#81
Benzo(a)anthracene
Concen: 49.437 ng
RT: 13.963 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

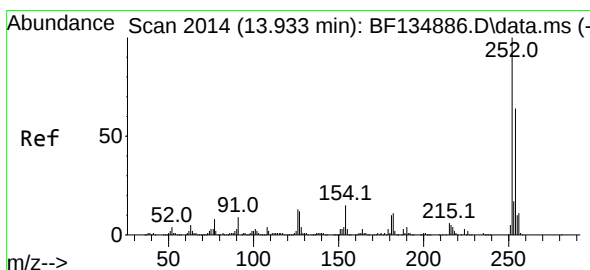
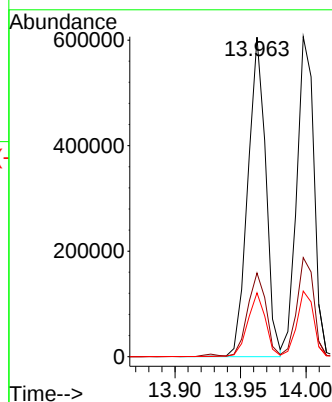
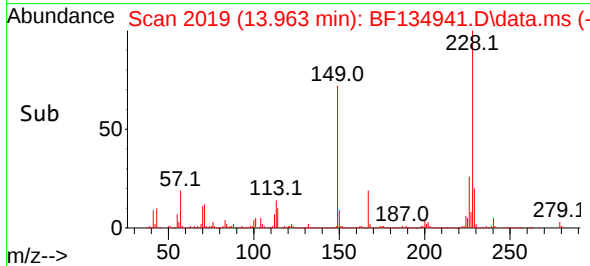


Tgt Ion:228 Resp: 57497
Ion Ratio Lower Upper
228 100
226 26.2 21.8 32.6
229 20.0 15.6 23.4

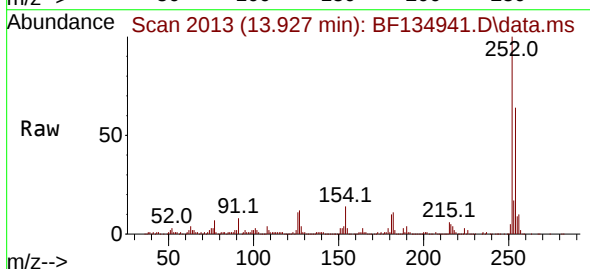
Manual Integrations

APPROVED

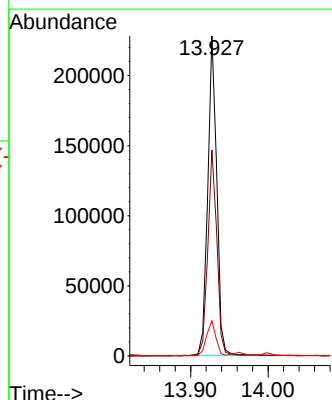
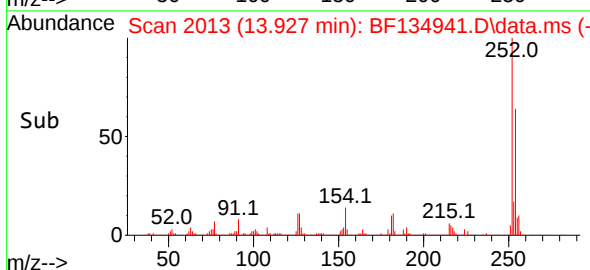
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

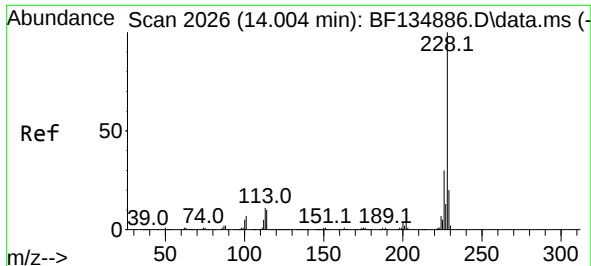


#82
3,3'-Dichlorobenzidine
Concen: 50.233 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



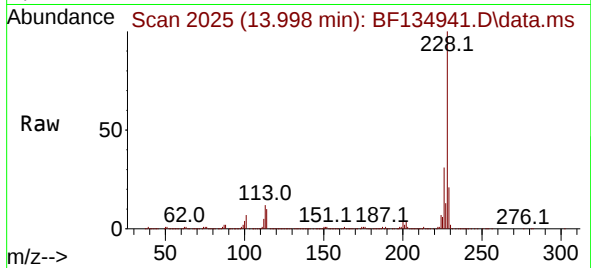
Tgt Ion:252 Resp: 184910
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 11.0 10.3 15.5





#83
Chrysene
Concen: 48.058 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

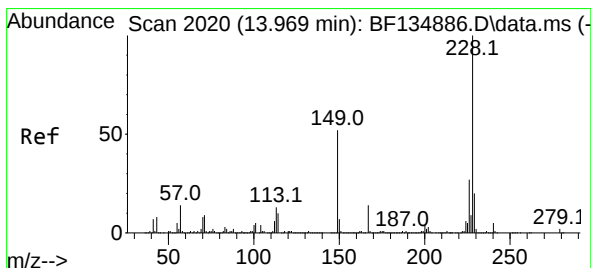
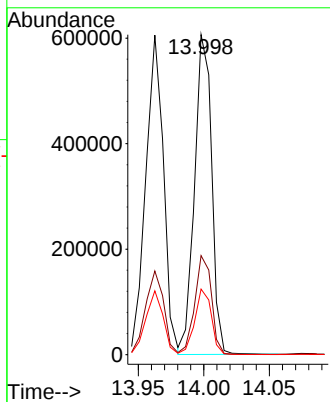
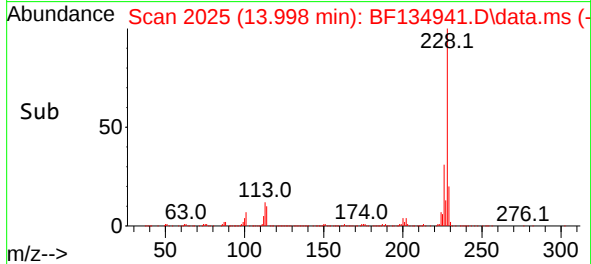
Instrument :
BNA_F
ClientSampleId :
72-12013MS



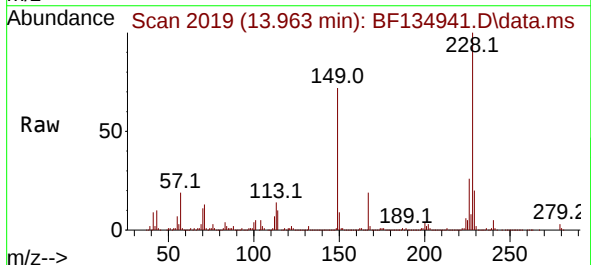
Tgt Ion:228 Resp: 551488
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.5 16.0 24.0

Manual Integrations
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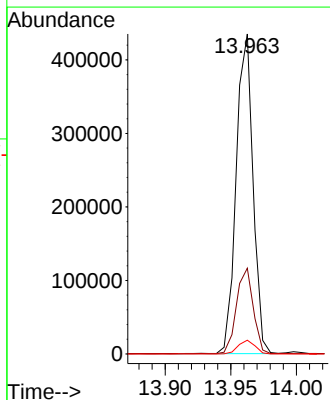
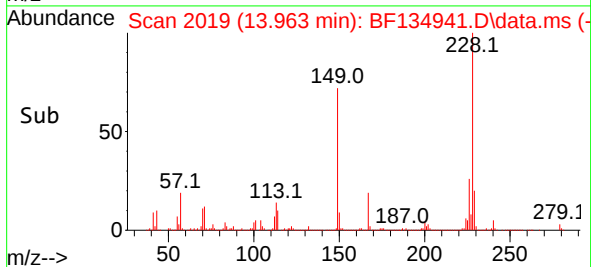
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

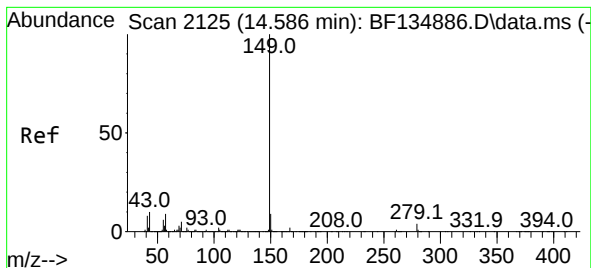


#84
Bis(2-ethylhexyl)phthalate
Concen: 65.229 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20



Tgt Ion:149 Resp: 389093
Ion Ratio Lower Upper
149 100
167 26.8 22.1 33.1
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 62.381 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

ClientSampleId :

72-12013MS

Tgt Ion:149 Resp: 606768

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

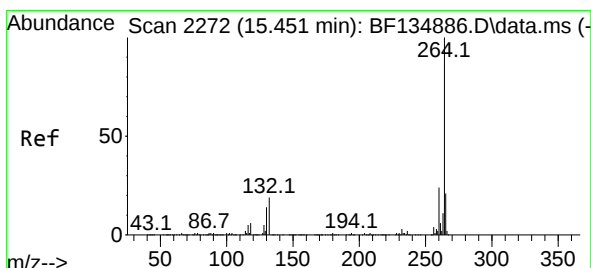
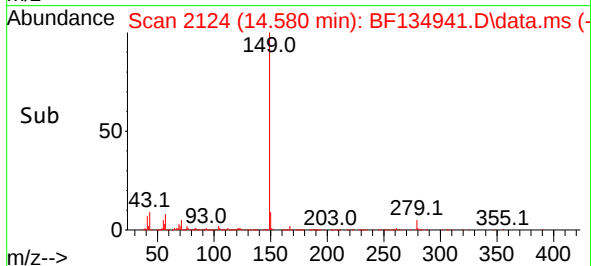
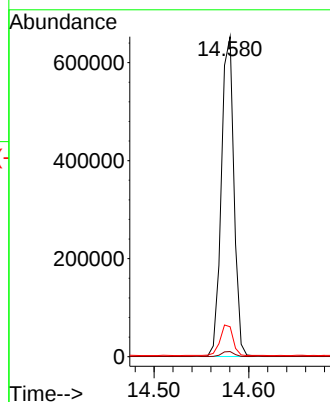
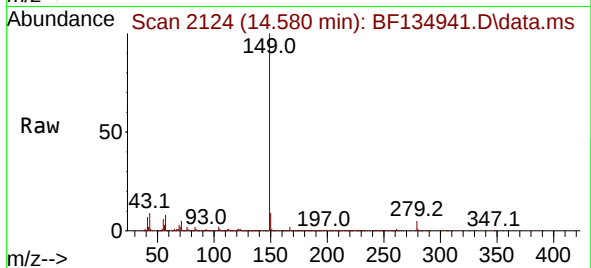
43 9.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2023

Supervised By :mohammad ahmed 08/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.012 min

Lab File: BF134941.D

Acq: 25 Aug 2023 15:20

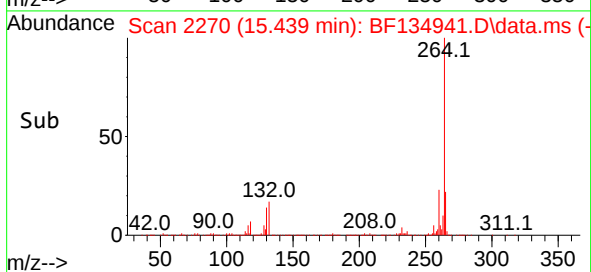
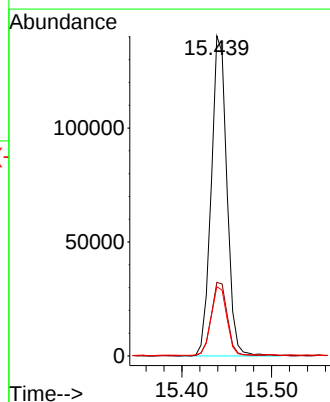
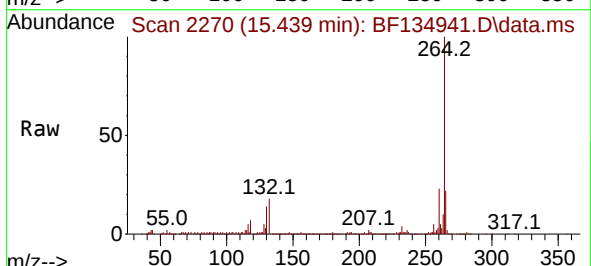
Tgt Ion:264 Resp: 170434

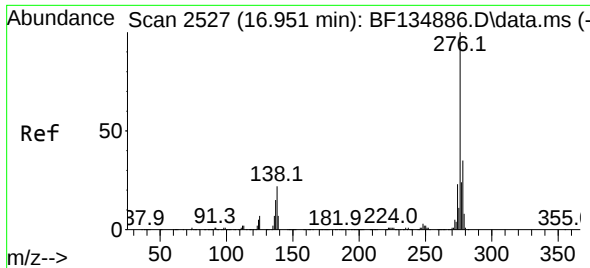
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 21.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.101 ng
RT: 16.933 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

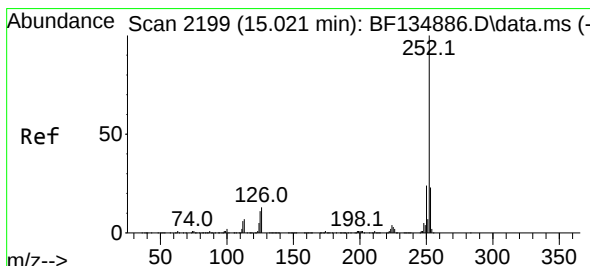
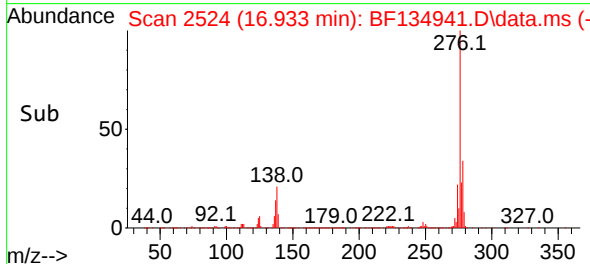
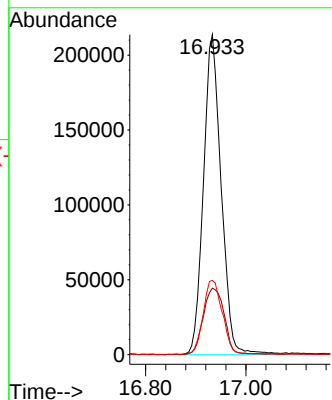
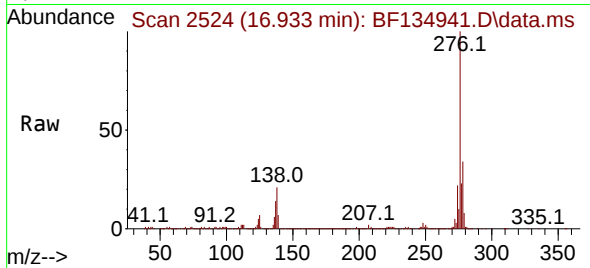
ClientSampleId :

72-12013MS

Tgt Ion:276 Resp: 525074
Ion Ratio Lower Upper
276 100
138 24.3 19.7 29.5
277 24.9 20.1 30.1

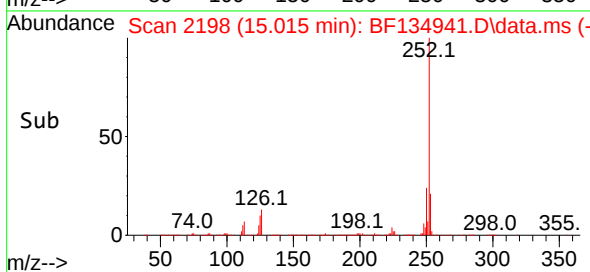
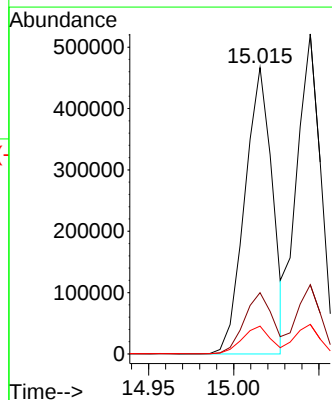
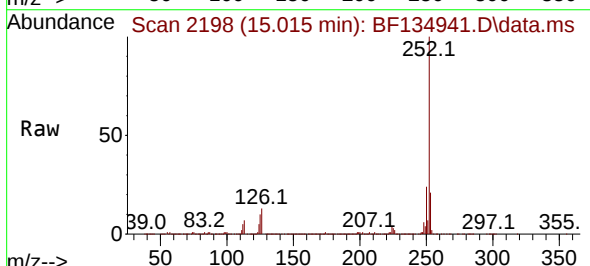
Manual Integrations
APPROVED

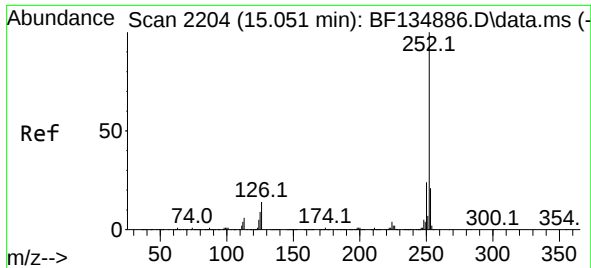
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#88
Benzo(b)fluoranthene
Concen: 54.844 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

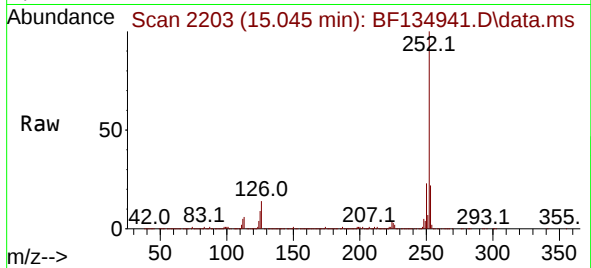
Tgt Ion:252 Resp: 527363
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 9.8 8.4 12.6





#89
Benzo(k)fluoranthene
Concen: 53.852 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

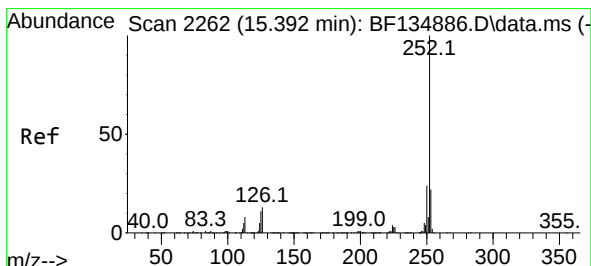
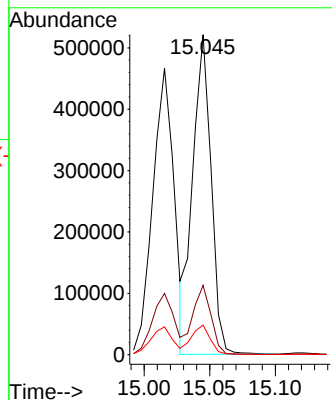
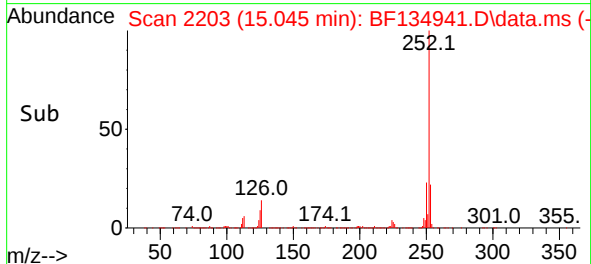
Instrument :
BNA_F
ClientSampleId :
72-12013MS



Tgt Ion:252 Resp: 508494
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.3 8.0 12.0

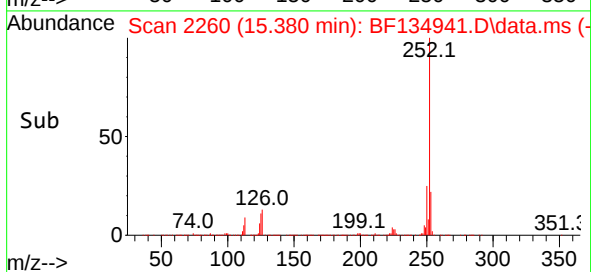
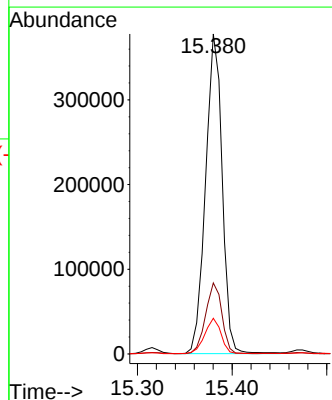
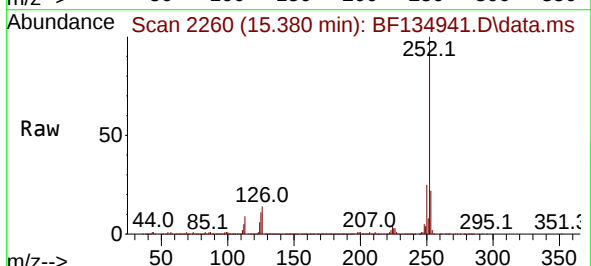
Manual Integrations
APPROVED

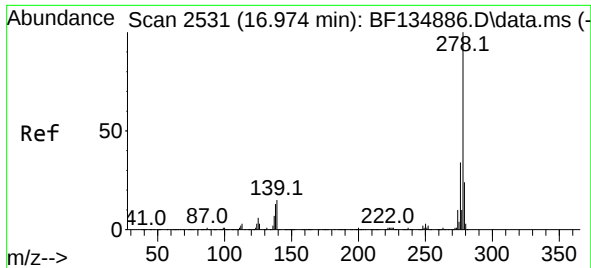
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#90
Benzo(a)pyrene
Concen: 47.848 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:252 Resp: 459308
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 43.973 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Instrument :

BNA_F

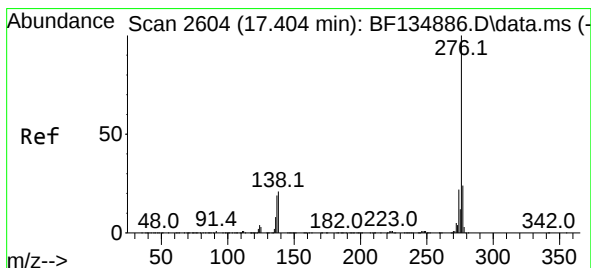
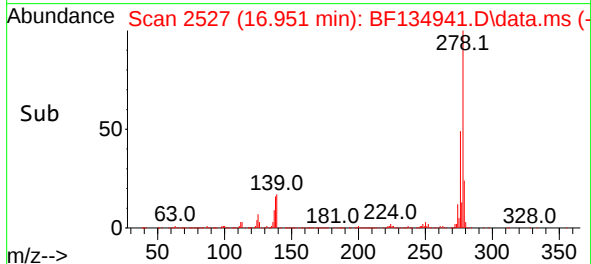
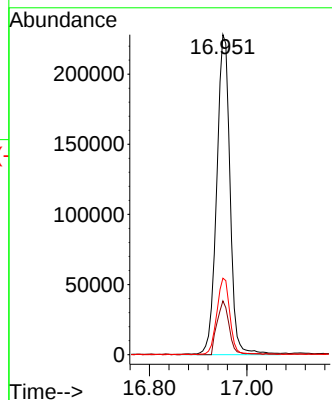
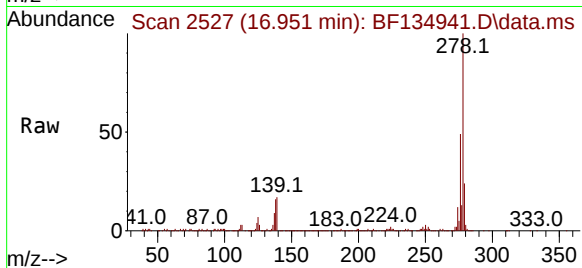
ClientSampleId :

72-12013MS

Tgt Ion:278 Resp: 433440
Ion Ratio Lower Upper
278 100
139 16.8 12.2 18.4
279 23.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#92
Benzo(g,h,i)perylene
Concen: 39.368 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF134941.D
Acq: 25 Aug 2023 15:20

Tgt Ion:276 Resp: 397244
Ion Ratio Lower Upper
276 100
277 22.8 19.2 28.8
138 20.9 17.0 25.6

