

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134839.D
 Acq On : 18 Aug 2023 14:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 14:46:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	179801	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	696272	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	350375	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	602012	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	303100	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	410429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	846962	71.605	ng	0.00
7) Phenol-d6	6.434	99	1099429	72.713	ng	0.00
23) Nitrobenzene-d5	7.363	82	959490	86.117	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	297401	83.265	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1616573	76.714	ng	-0.01
79) Terphenyl-d14	12.916	244	1463260	85.105	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	186571	34.283	ng	# 94
3) Pyridine	3.287	79	518893	35.187	ng	91
4) n-Nitrosodimethylamine	3.263	42	229624	32.589	ng	# 58
6) Aniline	6.463	93	694425	35.015	ng	92
8) 2-Chlorophenol	6.581	128	453151	37.978	ng	98
9) Benzaldehyde	6.351	77	318593	46.708	ng	95
10) Phenol	6.451	94	554525m	37.216	ng	
11) bis(2-Chloroethyl)ether	6.540	93	432195	36.513	ng	92
12) 1,3-Dichlorobenzene	6.734	146	466186	37.763	ng	96
13) 1,4-Dichlorobenzene	6.810	146	465722	37.642	ng	99
14) 1,2-Dichlorobenzene	6.963	146	431381	37.421	ng	98
15) Benzyl Alcohol	6.939	79	389667	37.357	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	644482	34.754	ng	91
17) 2-Methylphenol	7.051	107	397648	37.714	ng	93
18) Hexachloroethane	7.304	117	168325	38.763	ng	90
19) n-Nitroso-di-n-propyla...	7.216	70	308908	34.123	ng	# 89
20) 3+4-Methylphenols	7.204	107	449204	35.327	ng	# 84
22) Acetophenone	7.210	105	552364	34.364	ng	# 88
24) Nitrobenzene	7.381	77	485969	40.373	ng	95
25) Isophorone	7.616	82	888248	36.552	ng	99
26) 2-Nitrophenol	7.692	139	246740	48.155	ng	# 90
27) 2,4-Dimethylphenol	7.728	122	388439	35.824	ng	86
28) bis(2-Chloroethoxy)met...	7.828	93	530017	36.460	ng	100
29) 2,4-Dichlorophenol	7.934	162	385232	39.145	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	400749	38.187	ng	97
31) Naphthalene	8.098	128	1275282	36.444	ng	99
32) Benzoic acid	7.857	122	312688	44.830	ng	93
33) 4-Chloroaniline	8.145	127	569575	36.530	ng	99
34) Hexachlorobutadiene	8.210	225	236332	39.042	ng	95
35) Caprolactam	8.528	113	122521	38.589	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	403020	38.669	ng	94
37) 2-Methylnaphthalene	8.786	142	856093	36.909	ng	100
38) 1-Methylnaphthalene	8.886	142	797123	36.957	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	401457	39.402	ng	99
41) Hexachlorocyclopentadiene	8.939	237	168429	33.994	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	270915	40.629	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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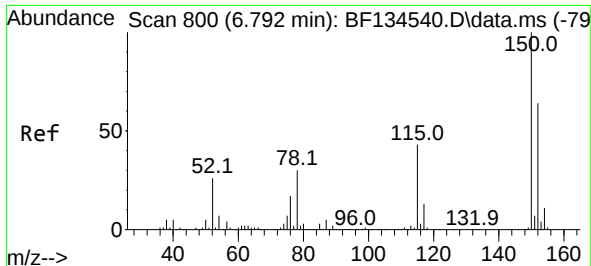
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	309939	40.669	ng	93
46) 1,1'-Biphenyl	9.251	154	1032304	37.888	ng	98
47) 2-Chloronaphthalene	9.275	162	774150	37.920	ng	99
48) 2-Nitroaniline	9.375	65	262829	41.736	ng	91
49) Acenaphthylene	9.692	152	1178173	36.713	ng	100
50) Dimethylphthalate	9.557	163	925795	38.768	ng	98
51) 2,6-Dinitrotoluene	9.622	165	209655	43.116	ng	# 78
52) Acenaphthene	9.863	154	791412m	38.055	ng	
53) 3-Nitroaniline	9.792	138	230218	43.252	ng	93
54) 2,4-Dinitrophenol	9.892	184	94820	56.513	ng	93
55) Dibenzofuran	10.039	168	1084121	36.619	ng	95
56) 4-Nitrophenol	9.951	139	159467	36.631	ng	# 71
57) 2,4-Dinitrotoluene	10.022	165	267781	45.471	ng	# 89
58) Fluorene	10.380	166	782578	36.291	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.157	232	238133	39.496	ng	97
60) Diethylphthalate	10.257	149	857804	37.897	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	399983	37.737	ng	94
62) 4-Nitroaniline	10.404	138	213469	40.917	ng	85
63) Azobenzene	10.533	77	846429	34.804	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	139427	55.616	ng	88
66) n-Nitrosodiphenylamine	10.492	169	744055	38.831	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	271110	41.139	ng	98
68) Hexachlorobenzene	10.927	284	285674	41.051	ng	96
69) Atrazine	11.027	200	199332	38.595	ng	99
70) Pentachlorophenol	11.122	266	170621	39.598	ng	97
71) Phenanthrene	11.345	178	1170379	36.601	ng	100
72) Anthracene	11.398	178	1212827	37.132	ng	99
73) Carbazole	11.551	167	992691	34.039	ng	99
74) Di-n-butylphthalate	11.886	149	1237499	39.941	ng	98
75) Fluoranthene	12.533	202	1085899	32.149	ng	96
77) Benzidine	12.663	184	263796	40.093	ng	98
78) Pyrene	12.763	202	1050085	40.037	ng	96
80) Butylbenzylphthalate	13.392	149	382632	43.144	ng	# 96
81) Benzo(a)anthracene	13.957	228	770189	35.537	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	275368	43.833	ng	# 98
83) Chrysene	13.998	228	782804	37.073	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	433951	41.579	ng	97
85) Di-n-octyl phthalate	14.574	149	838863	52.854	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1018744	42.204	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	869782	34.747	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	867887	34.805	ng	# 98
90) Benzo(a)pyrene	15.380	252	882545	37.814	ng	# 98
91) Dibenzo(a,h)anthracene	16.951	278	832244	42.663	ng	# 95
92) Benzo(g,h,i)perylene	17.386	276	796947	40.050	ng	# 94

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

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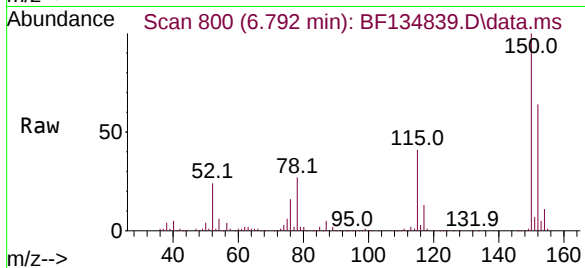
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

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SSTDCCC040



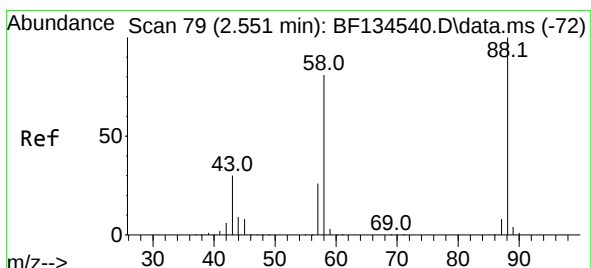
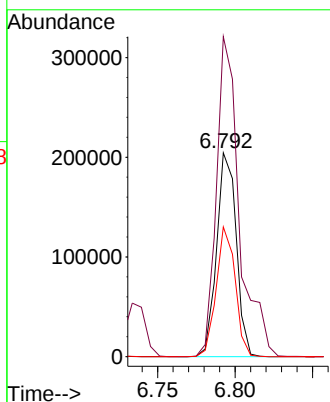
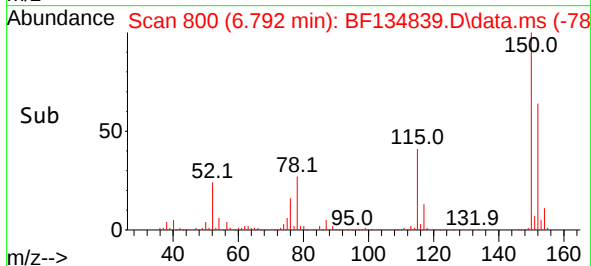
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Ion Ratio Lower Upper
152 100
150 157.0 128.3 192.5
115 63.7 52.4 78.6

Manual Integrations

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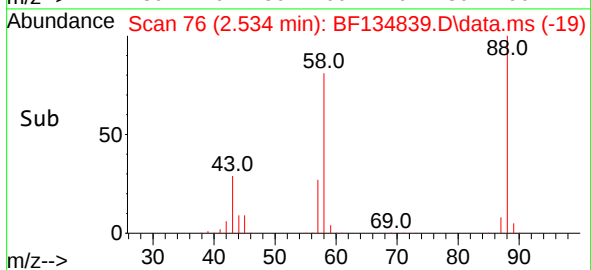
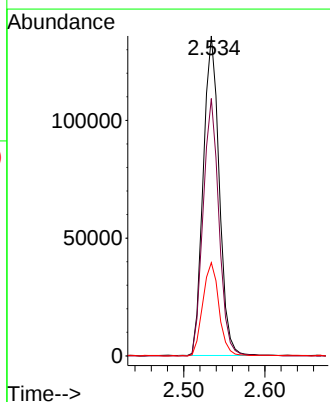
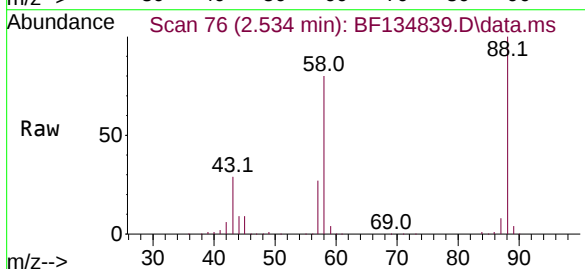
Reviewed By :Yogesh Patel 08/21/2023

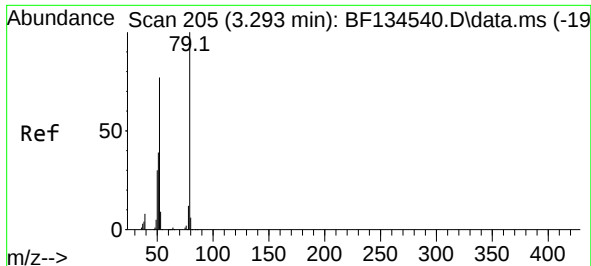
Supervised By :mohammad ahmed 08/21/2023



#2
1,4-Dioxane
Concen: 34.283 ng
RT: 2.534 min Scan# 76
Delta R.T. -0.018 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

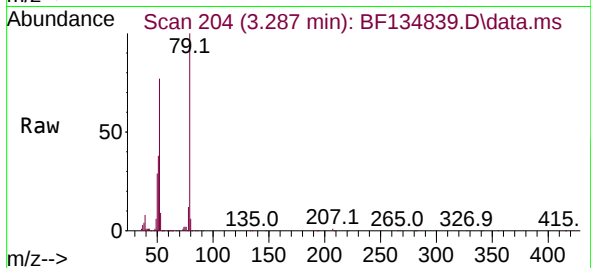
Tgt Ion: 88 Resp: 186571
Ion Ratio Lower Upper
88 100
58 79.6 65.1 97.7
43 29.5 30.3 45.5





#3
Pyridine
Concen: 35.187 ng
RT: 3.287 min Scan# 204
Delta R.T. -0.018 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

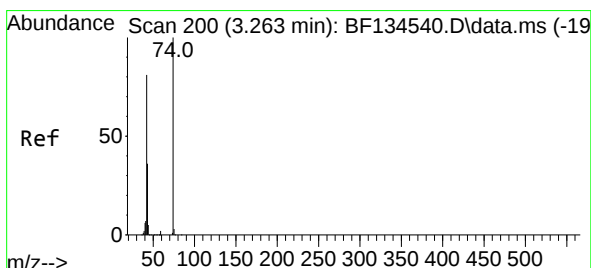
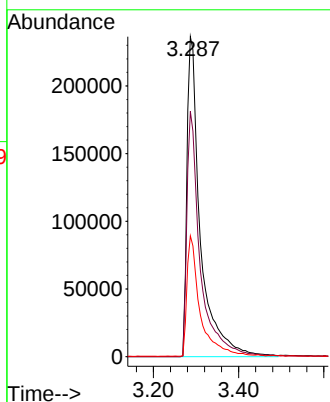
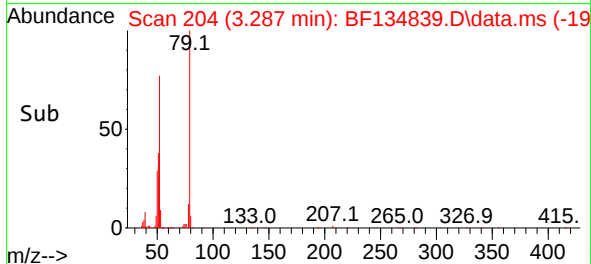
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BNA_F
ClientSampleId :
SSTDCCC040



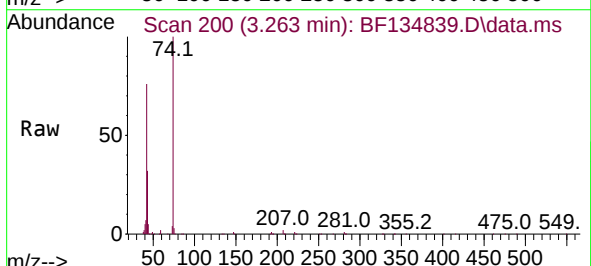
Tgt Ion: 79 Resp: 518893
Ion Ratio Lower Upper
79 100
52 76.6 66.6 100.0
51 37.7 36.5 54.7

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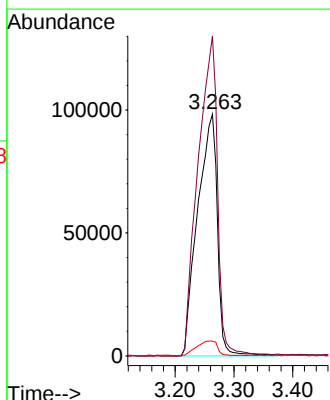
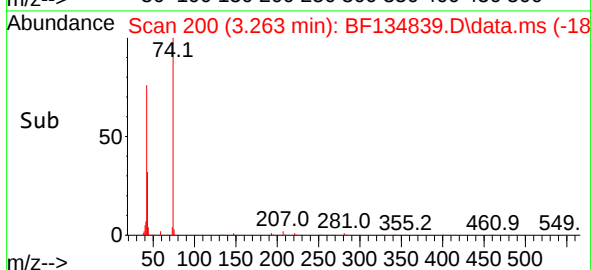
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

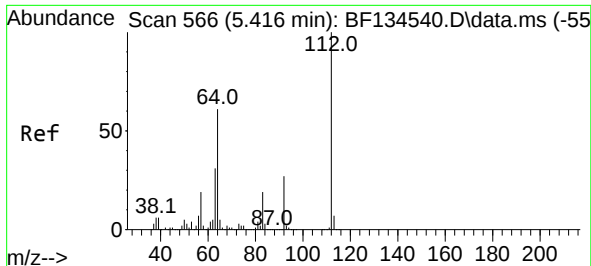


#4
n-Nitrosodimethylamine
Concen: 32.589 ng
RT: 3.263 min Scan# 200
Delta R.T. -0.018 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



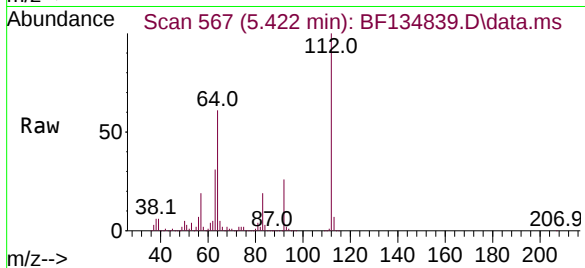
Tgt Ion: 42 Resp: 229624
Ion Ratio Lower Upper
42 100
74 132.4 72.2 108.4
44 6.1 5.4 8.0





#5
2-Fluorophenol
Concen: 71.605 ng
RT: 5.422 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

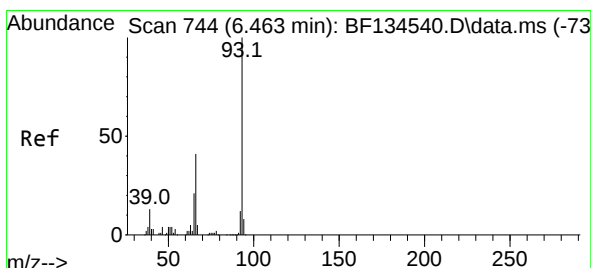
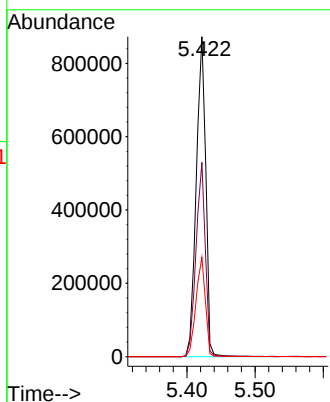
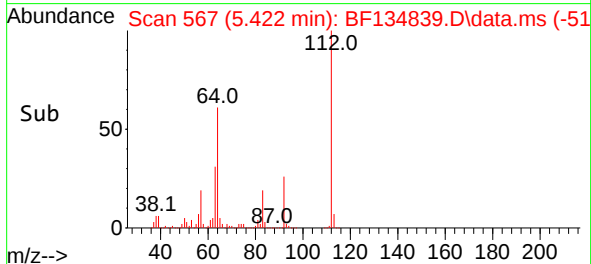
Instrument :
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Tgt Ion: 112 Resp: 846962
Ion Ratio Lower Upper
112 100
64 60.7 44.9 67.3
63 31.0 25.4 38.0

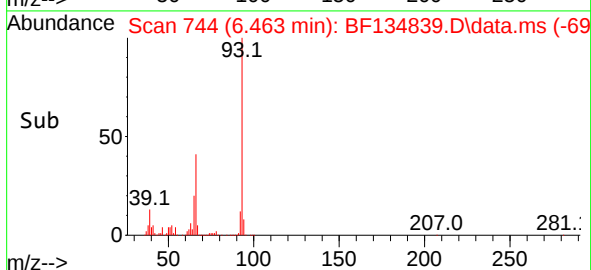
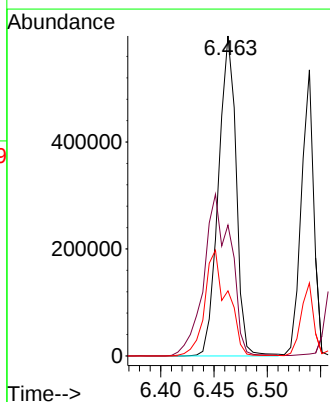
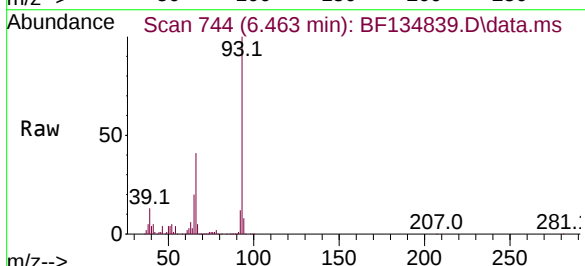
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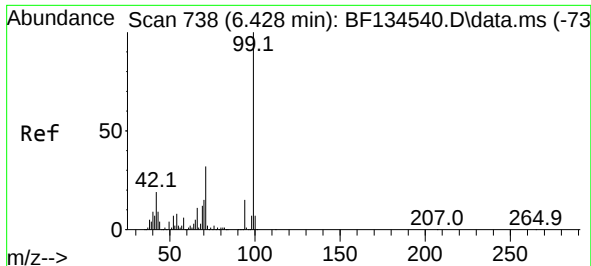
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#6
Aniline
Concen: 35.015 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion: 93 Resp: 694425
Ion Ratio Lower Upper
93 100
66 40.9 36.8 55.2
65 20.3 19.4 29.0





#7

Phenol-d6

Concen: 72.713 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

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Tgt Ion: 99 Resp: 1099429

Ion Ratio Lower Upper

99 100

42 18.6 18.7 28.1

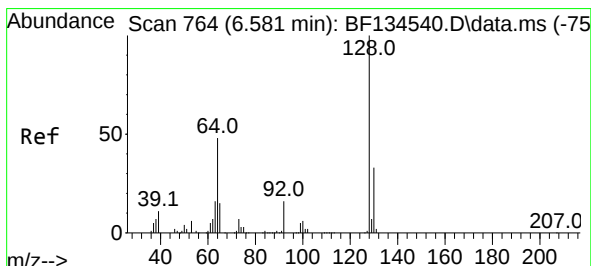
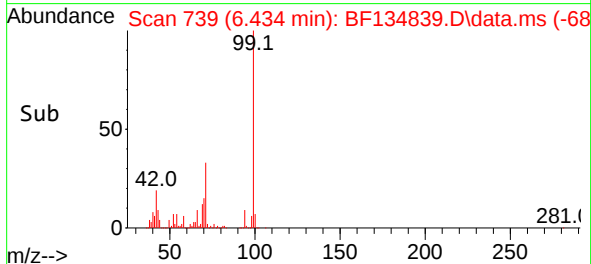
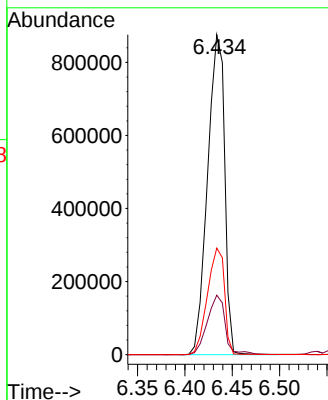
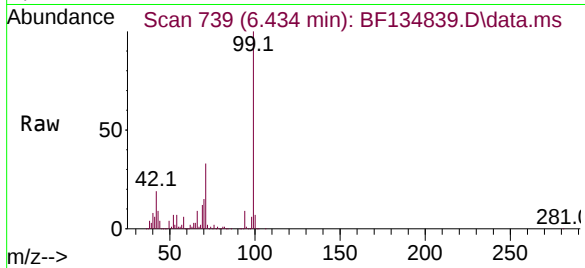
71 33.3 36.4 54.6

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#8

2-Chlorophenol

Concen: 37.978 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

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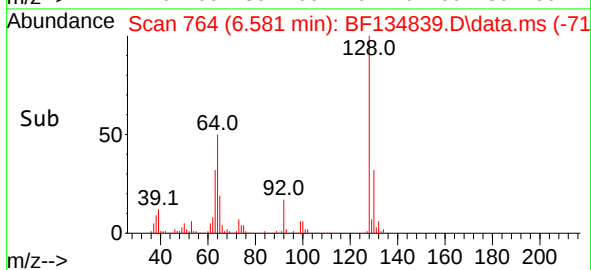
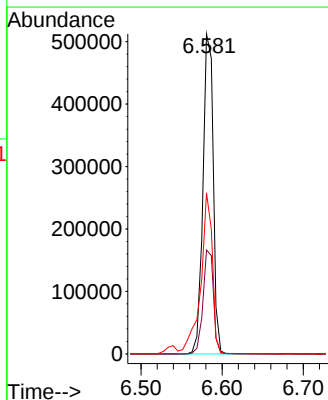
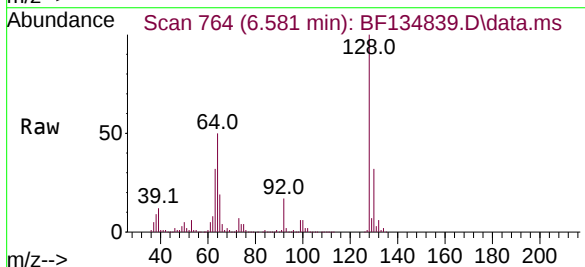
Tgt Ion:128 Resp: 453151

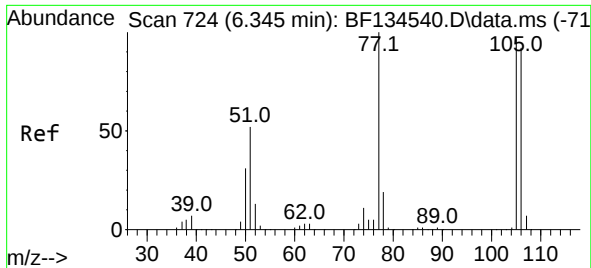
Ion Ratio Lower Upper

128 100

130 32.5 11.1 51.1

64 50.3 31.9 71.9





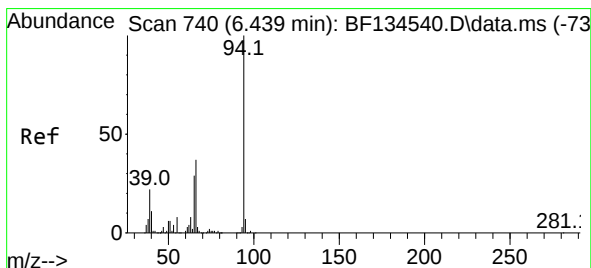
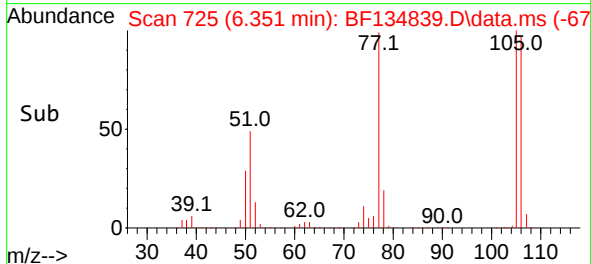
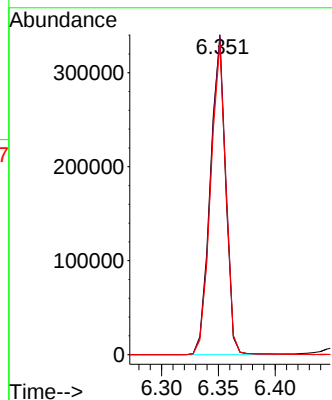
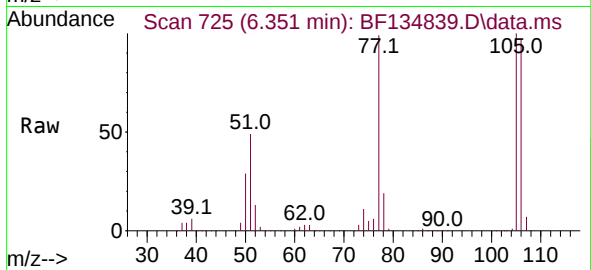
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Benzaldehyde
Concen: 46.708 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 318593
Ion Ratio Lower Upper
77 100
105 100.9 77.1 117.1
106 97.8 71.4 111.4

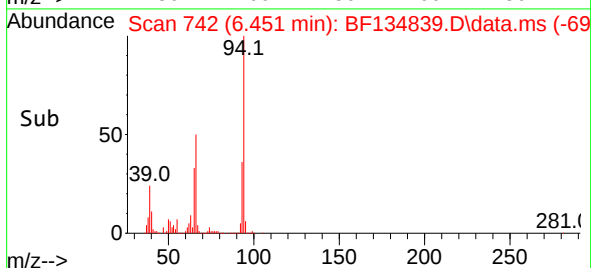
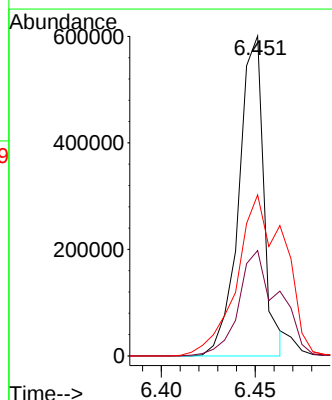
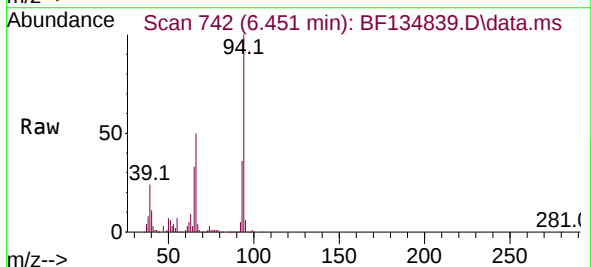
Manual Integrations
APPROVED

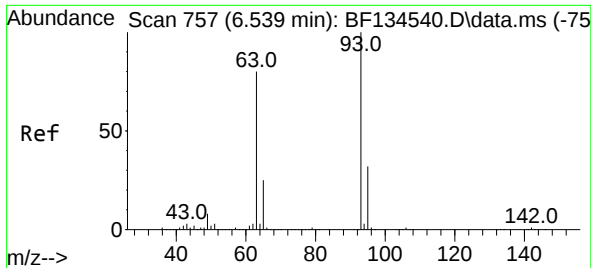
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Phenol
Concen: 37.216 ng m
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion: 94 Resp: 554525
Ion Ratio Lower Upper
94 100
65 32.9 17.8 57.8
66 50.4 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 36.513 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

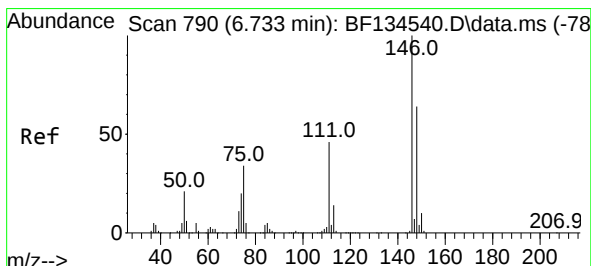
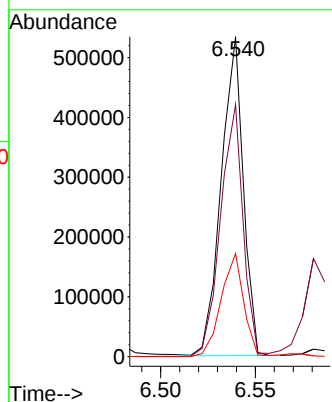
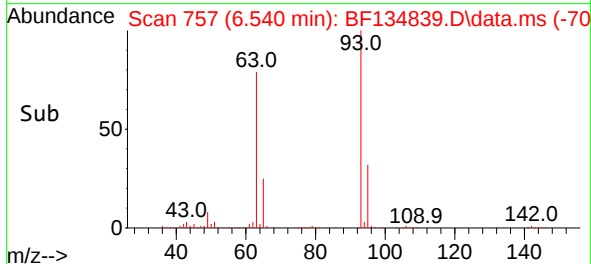
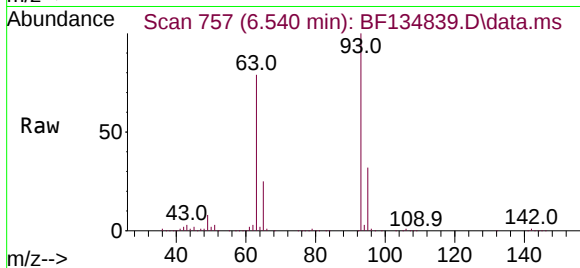
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 432195
Ion Ratio Lower Upper
93 100
63 78.7 68.4 108.4
95 32.2 12.4 52.4

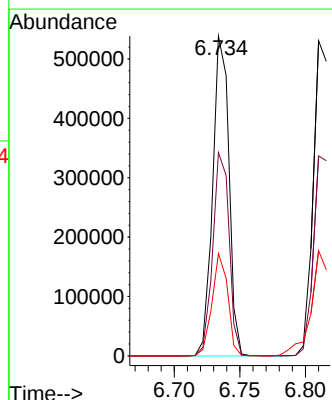
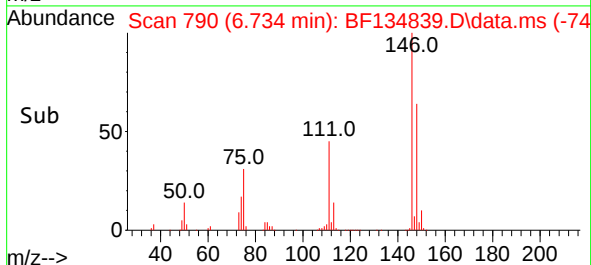
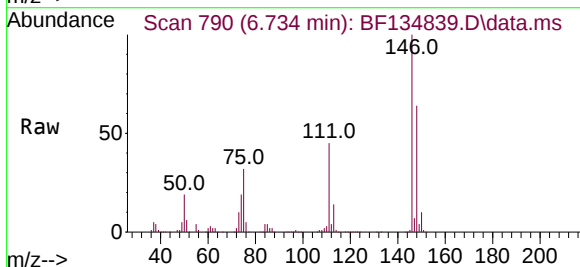
Manual Integrations
APPROVED

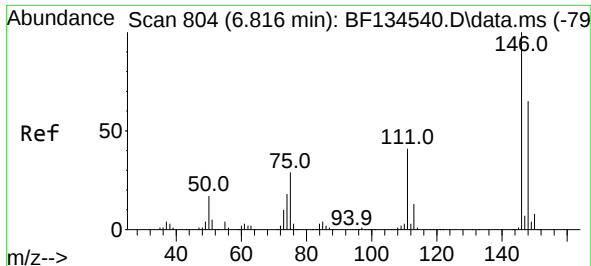
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
1,3-Dichlorobenzene
Concen: 37.763 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:146 Resp: 466186
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
75 32.0 29.5 44.3





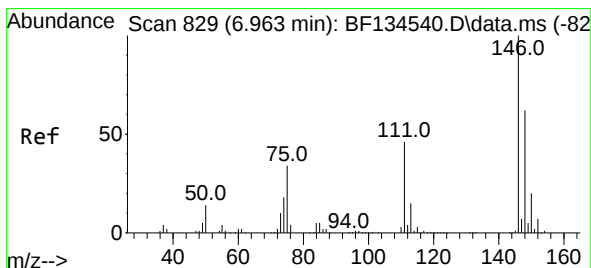
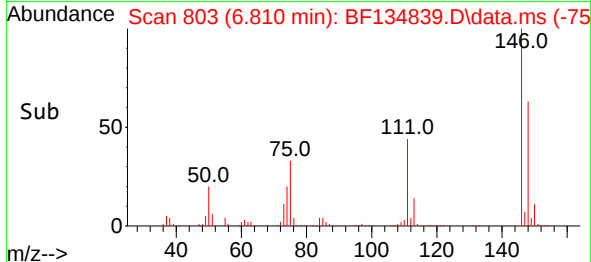
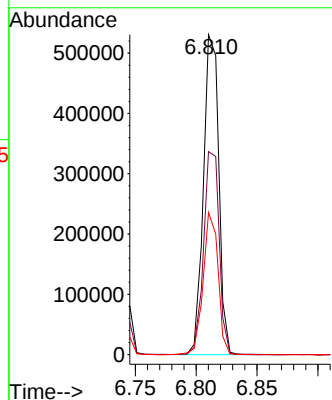
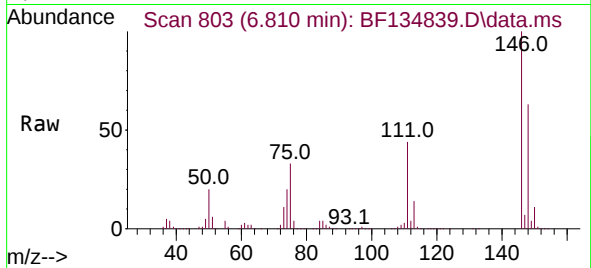
#13
1,4-Dichlorobenzene
Concen: 37.642 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 465722
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 44.4 36.6 55.0

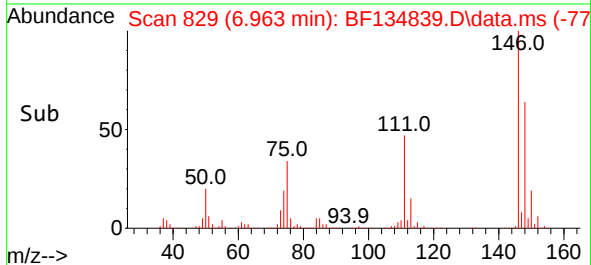
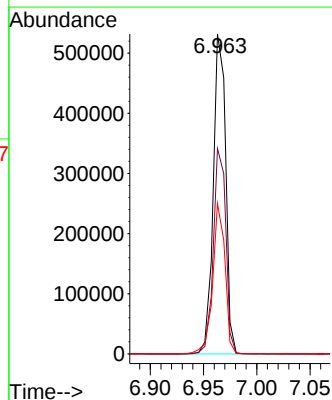
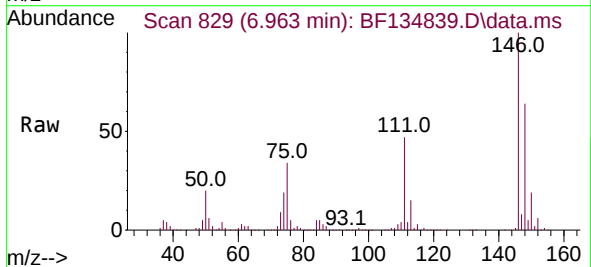
Manual Integrations
APPROVED

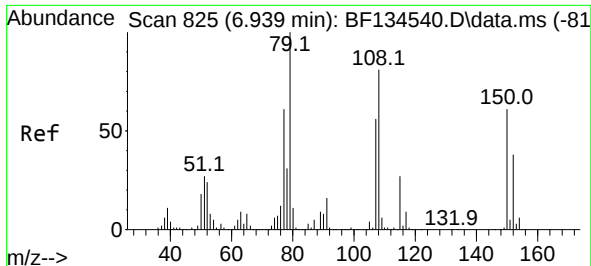
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#14
1,2-Dichlorobenzene
Concen: 37.421 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:146 Resp: 431381
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 47.0 39.9 59.9





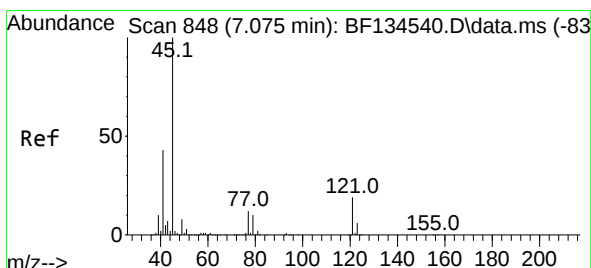
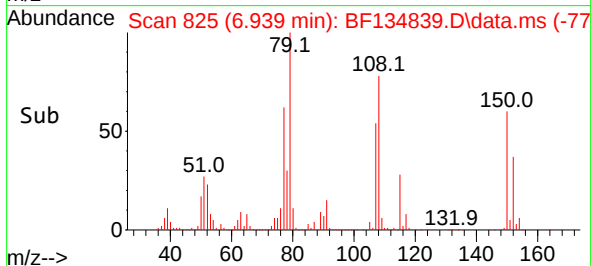
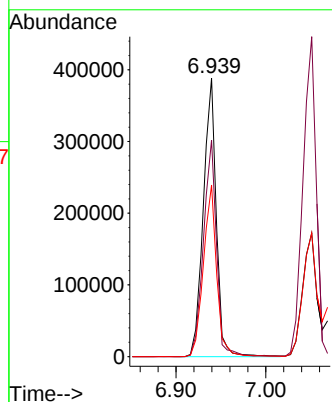
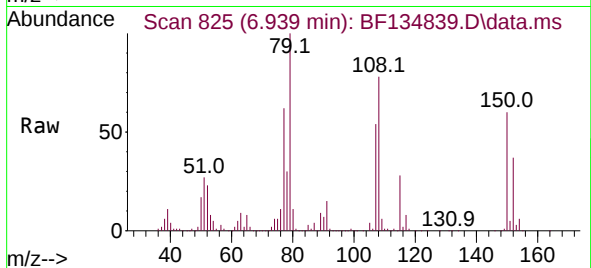
#15
Benzyl Alcohol
Concen: 37.357 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 389662
Ion Ratio Lower Upper
79 100
108 77.7 56.3 84.5
77 61.6 50.6 76.0

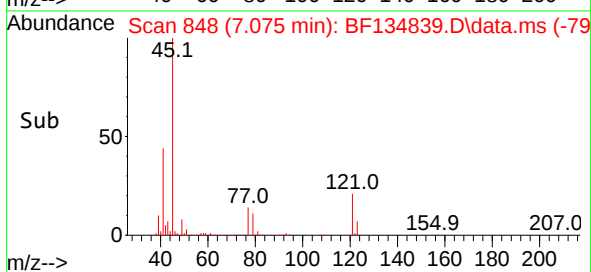
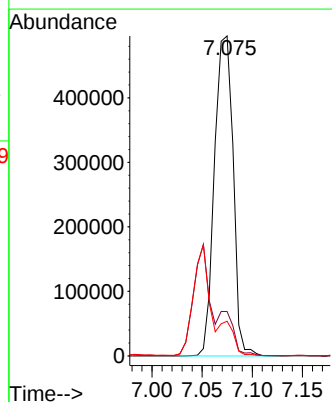
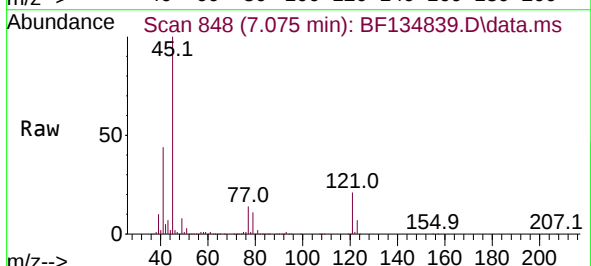
Manual Integrations
APPROVED

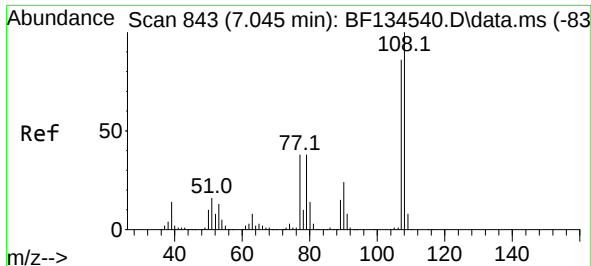
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.754 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion: 45 Resp: 644482
Ion Ratio Lower Upper
45 100
77 13.9 0.0 37.8
79 10.8 0.0 34.5





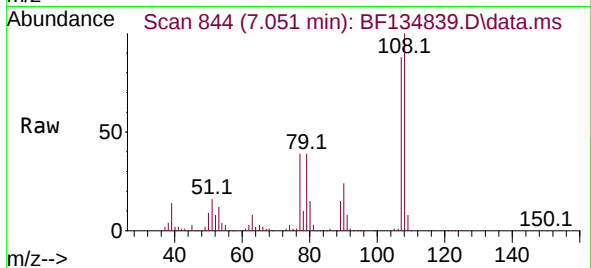
#17
2-Methylphenol
Concen: 37.714 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

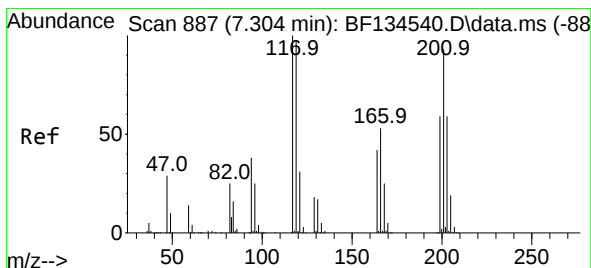
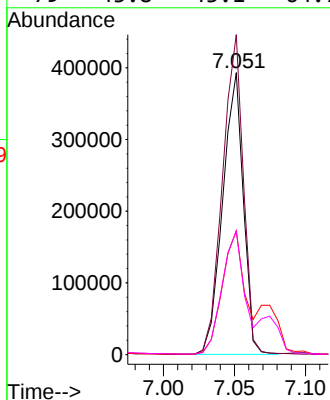
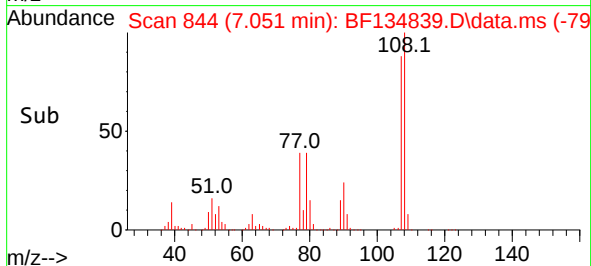


Tgt Ion:107 Resp: 397648
Ion Ratio Lower Upper
107 100
108 113.5 89.4 134.2
77 43.9 42.4 63.6
79 43.8 43.1 64.7

Manual Integrations

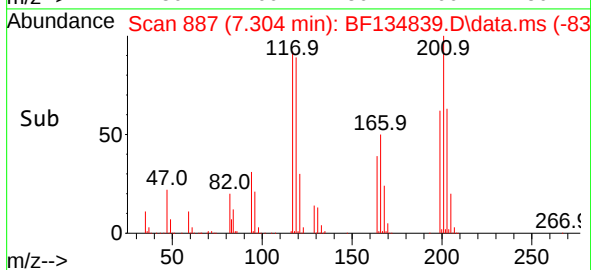
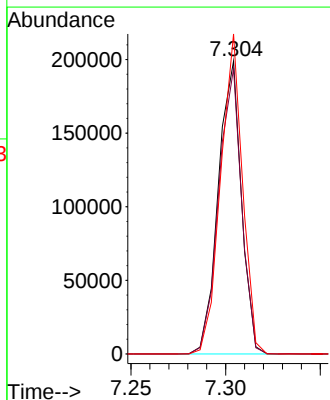
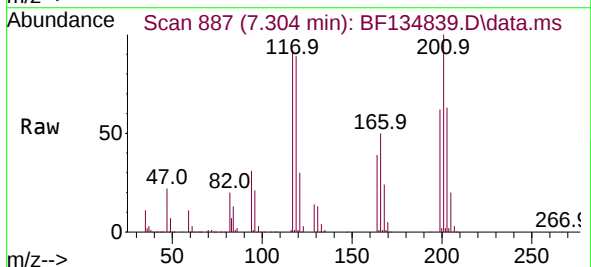
APPROVED

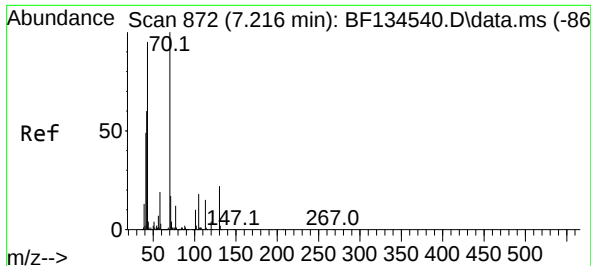
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#18
Hexachloroethane
Concen: 38.763 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

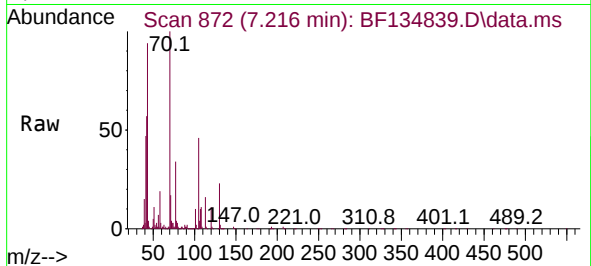
Tgt Ion:117 Resp: 168325
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
201 109.2 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 34.123 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

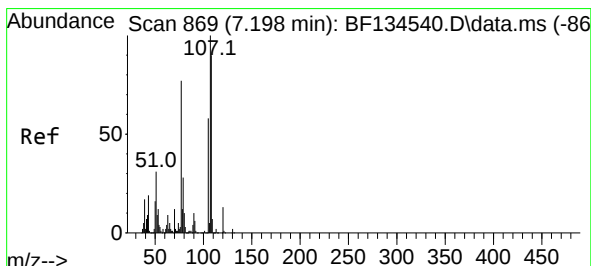
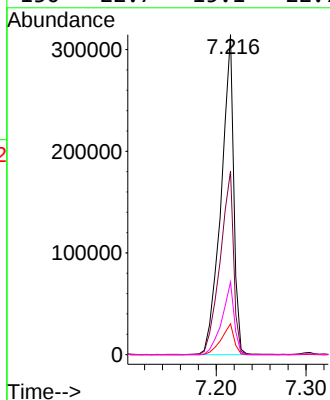
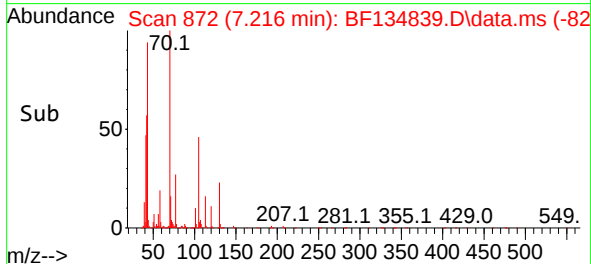
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



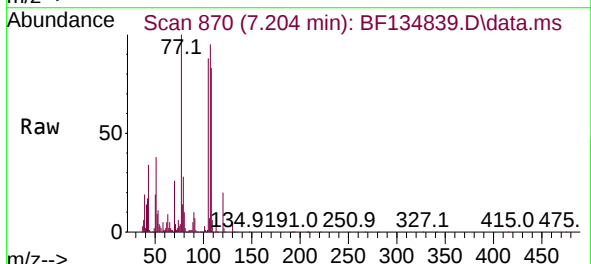
Tgt Ion: 70 Resp: 308908
Ion Ratio Lower Upper
70 100
42 57.4 54.7 82.1
101 9.6 8.2 12.2
130 22.7 15.1 22.7#

Manual Integrations
APPROVED

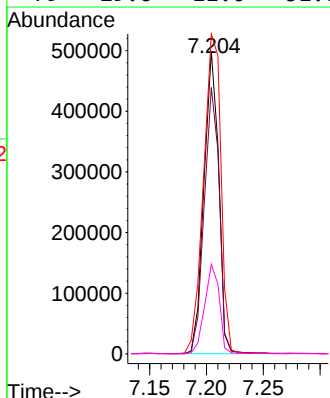
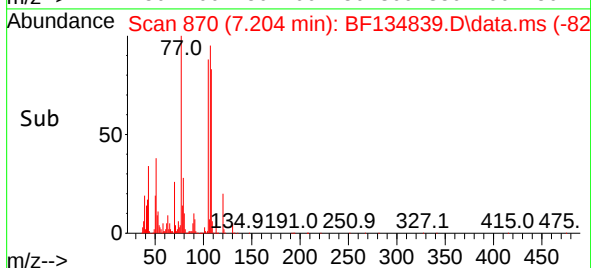
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

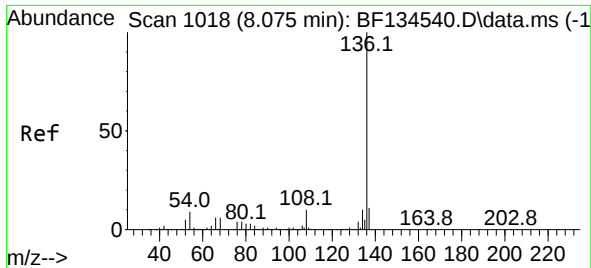


#20
3+4-Methylphenols
Concen: 35.327 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:107 Resp: 449204
Ion Ratio Lower Upper
107 100
108 88.0 68.1 108.1
77 105.7 122.1 162.1#
79 29.6 11.0 51.0





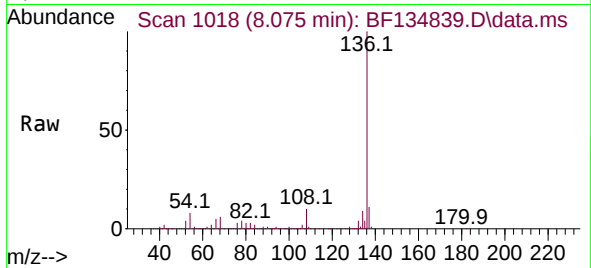
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

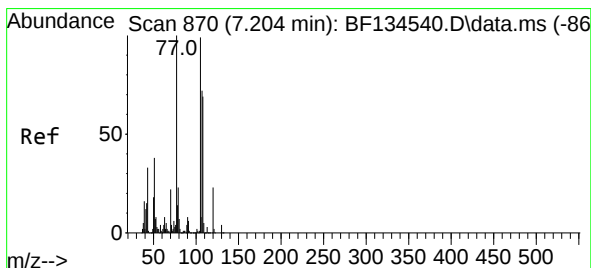
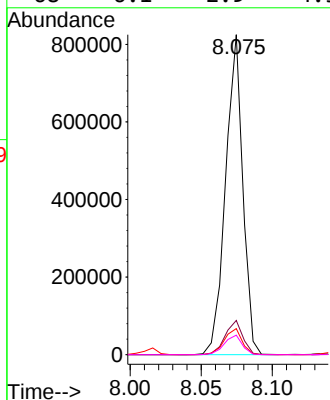
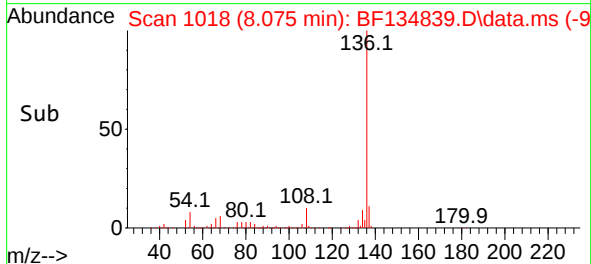


Tgt Ion:136 Resp: 696272
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.1 5.2 7.8
68 6.1 2.9 4.3#

Manual Integrations

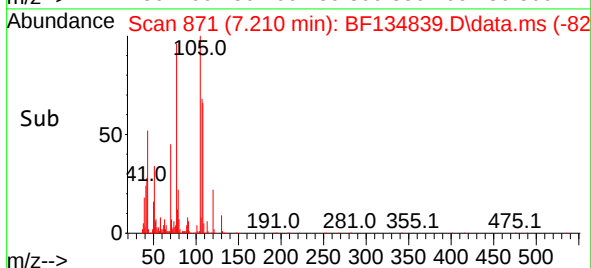
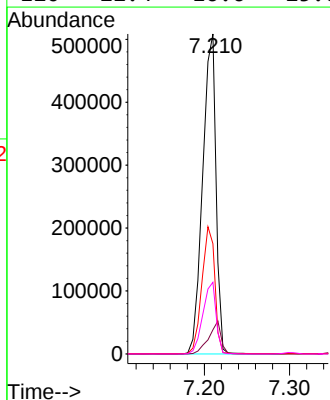
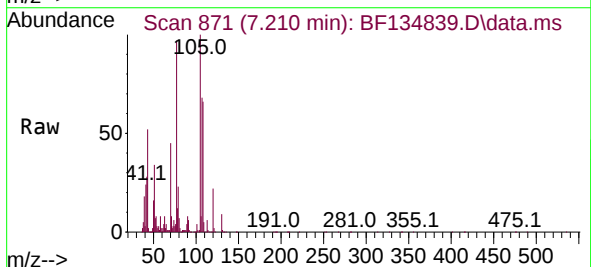
APPROVED

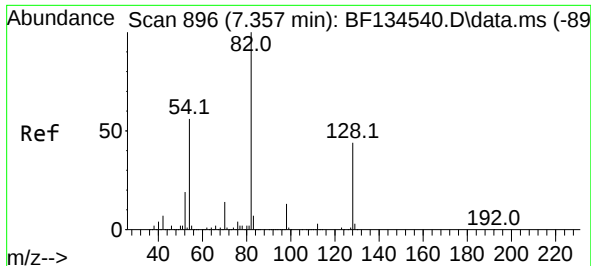
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#22
Acetophenone
Concen: 34.364 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:105 Resp: 552364
Ion Ratio Lower Upper
105 100
71 7.5 7.4 11.0
51 34.4 36.4 54.6#
120 22.4 16.6 25.0





#23
Nitrobenzene-d5
Concen: 86.117 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

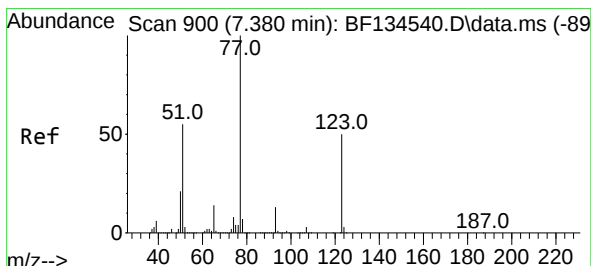
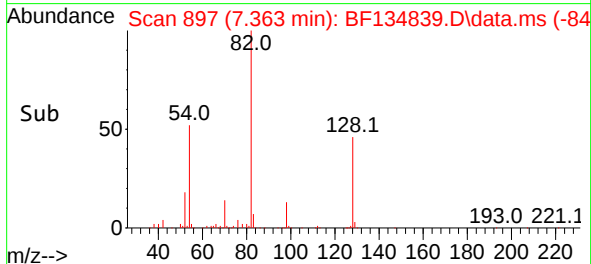
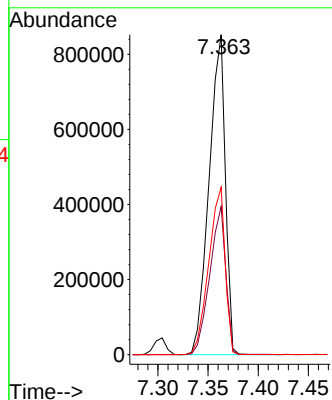
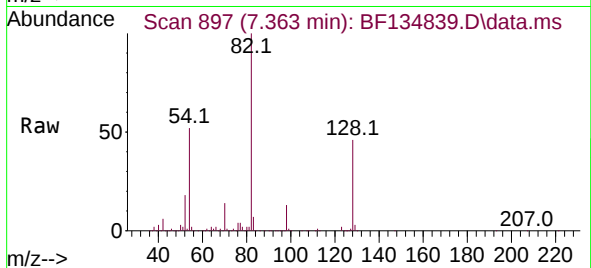
SSTDCCC040

Tgt Ion: 82 Resp: 959490
Ion Ratio Lower Upper
82 100
128 46.3 34.3 51.5
54 52.3 43.8 65.6

Manual Integrations

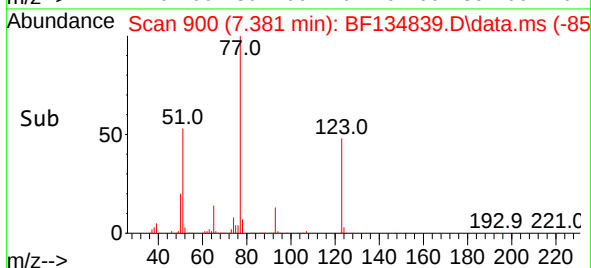
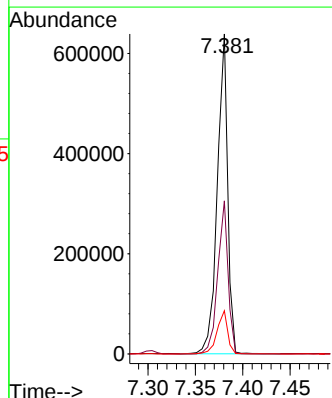
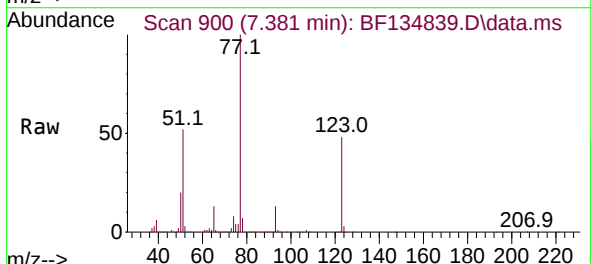
APPROVED

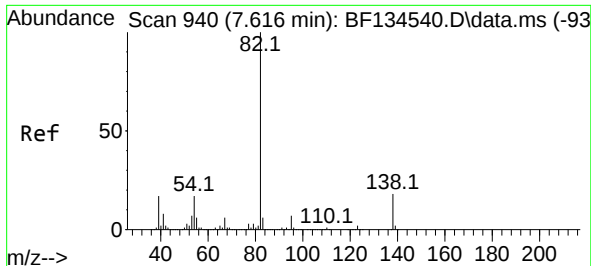
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Nitrobenzene
Concen: 40.373 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

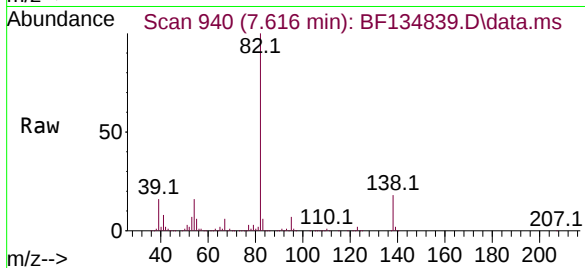
Tgt Ion: 77 Resp: 485969
Ion Ratio Lower Upper
77 100
123 47.8 35.5 53.3
65 13.5 11.9 17.9





#25
Isophorone
Concen: 36.552 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

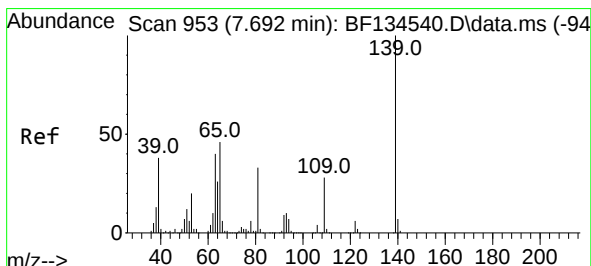
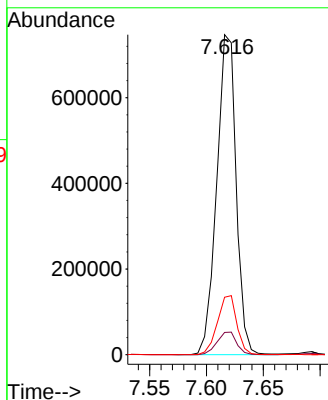
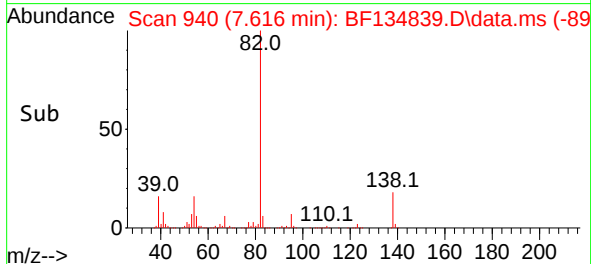
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 888248
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.9 14.6 22.0

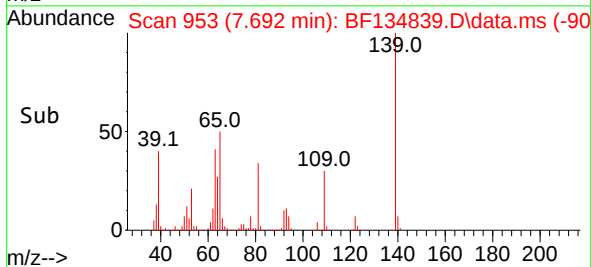
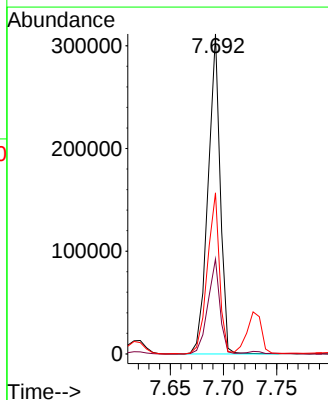
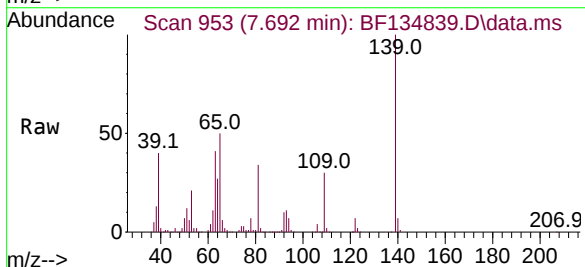
Manual Integrations
APPROVED

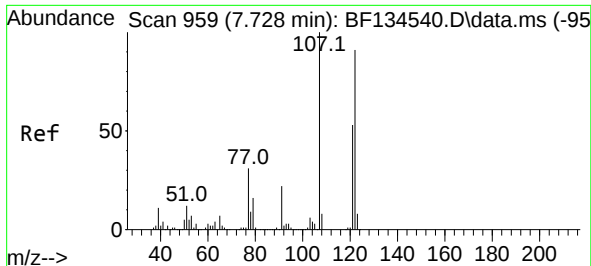
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#26
2-Nitrophenol
Concen: 48.155 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:139 Resp: 246740
Ion Ratio Lower Upper
139 100
109 29.6 29.8 44.6#
65 50.3 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 35.824 ng

RT: 7.728 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF134839.D

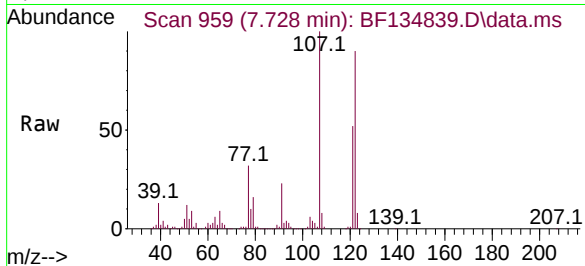
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



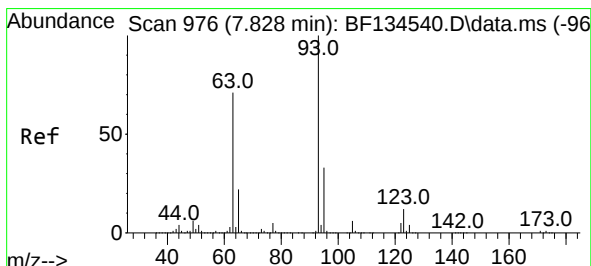
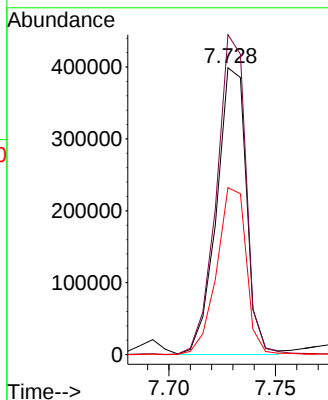
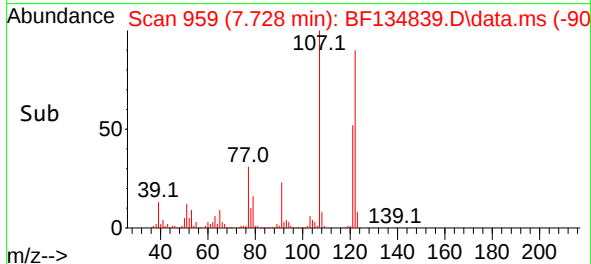
Tgt Ion:	122	Resp:	388439
Ion	Ratio	Lower	Upper
122	100		
107	111.6	106.7	160.1
121	58.2	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.460 ng

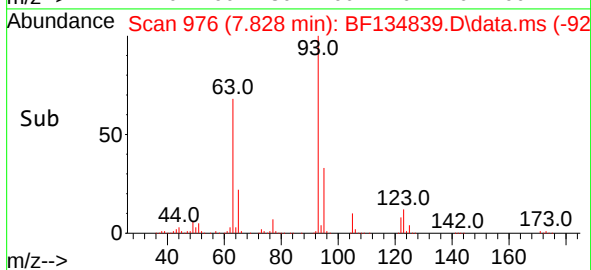
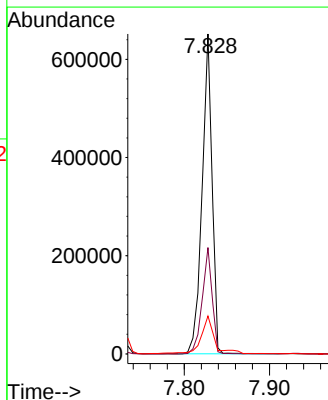
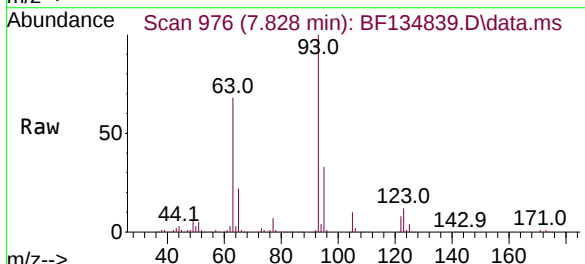
RT: 7.828 min Scan# 976

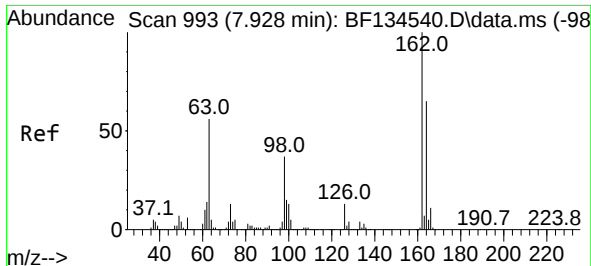
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Tgt Ion:	93	Resp:	530017
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.8	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 39.145 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

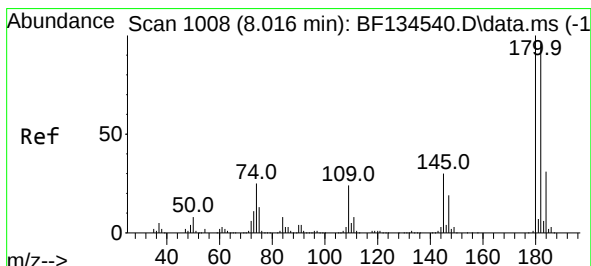
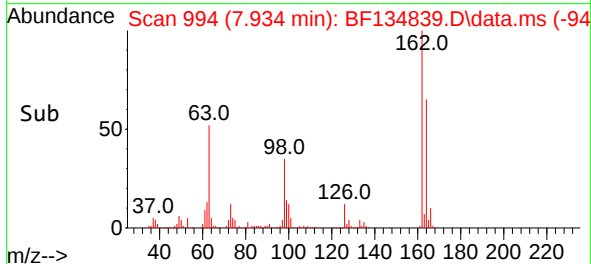
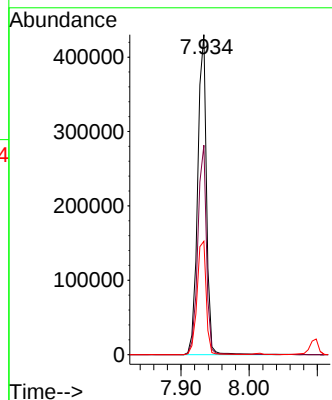
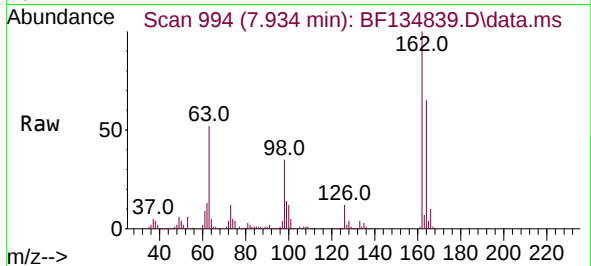
Tgt Ion:162	Resp: 38523
Ion Ratio	Lower Upper
162 100	
164 65.4	42.2 82.2
98 35.4	15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.187 ng

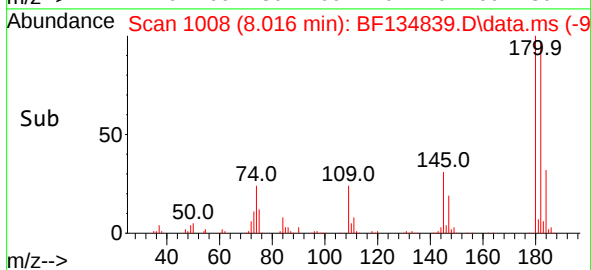
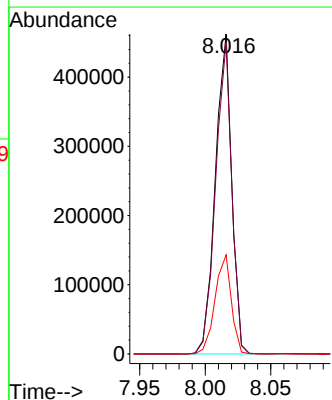
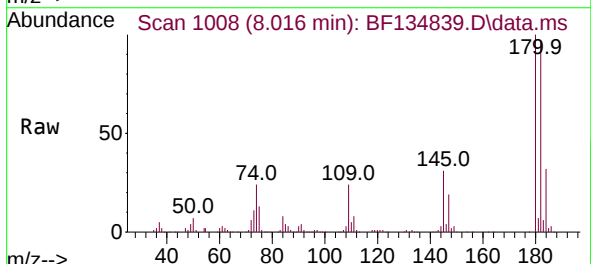
RT: 8.016 min Scan# 1008

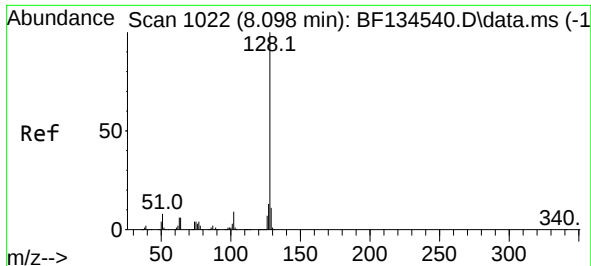
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Tgt Ion:180	Resp: 400749
Ion Ratio	Lower Upper
180 100	
182 97.4	75.0 112.6
145 30.9	25.5 38.3





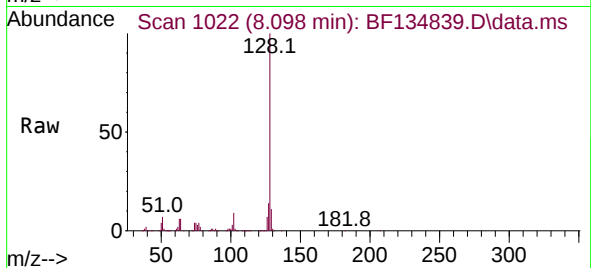
#31
Naphthalene
Concen: 36.444 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



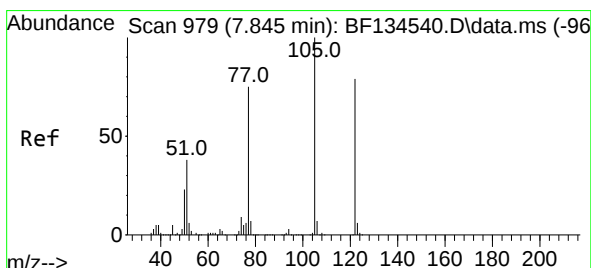
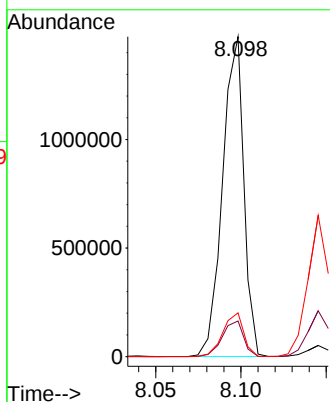
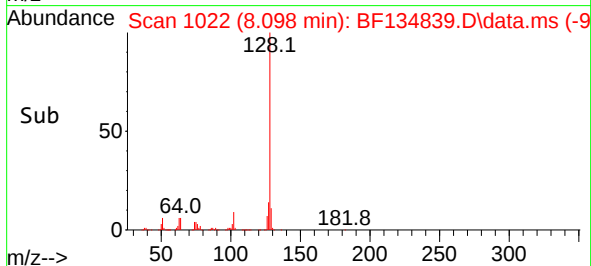
Tgt Ion:128 Resp: 1275282
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.7 10.7 16.1

Manual Integrations

APPROVED

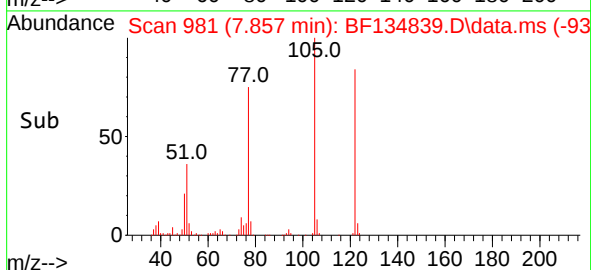
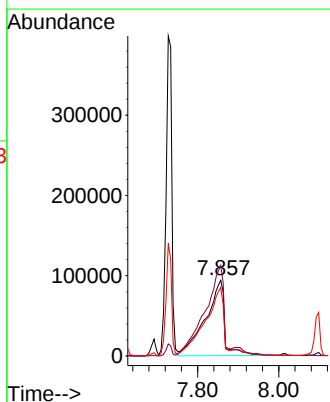
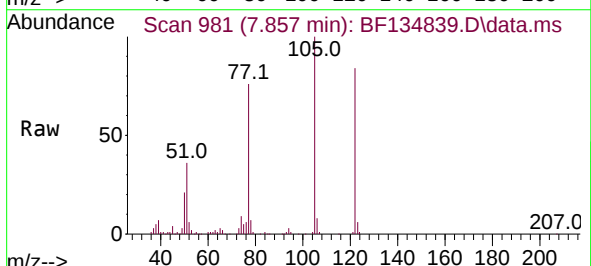
Reviewed By :Yogesh Patel 08/21/2023

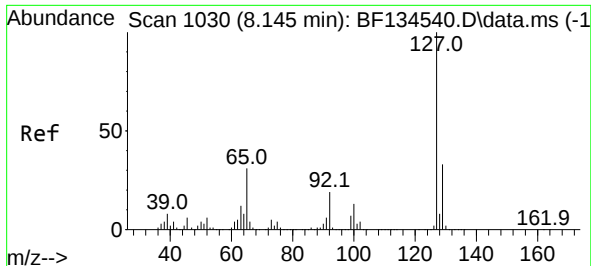
Supervised By :mohammad ahmed 08/21/2023



#32
Benzoic acid
Concen: 44.830 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:122 Resp: 312688
Ion Ratio Lower Upper
122 100
105 119.6 87.5 127.5
77 90.5 71.4 111.4





#33
4-Chloroaniline
Concen: 36.530 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

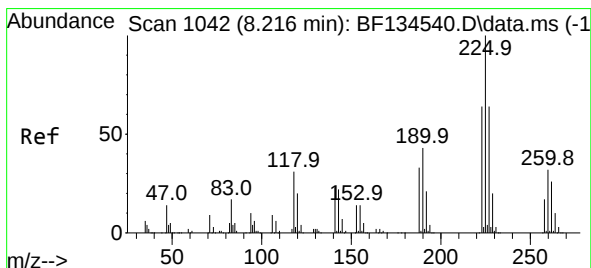
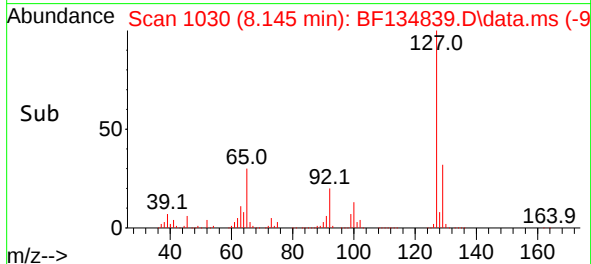
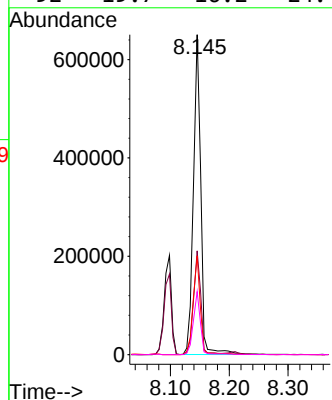
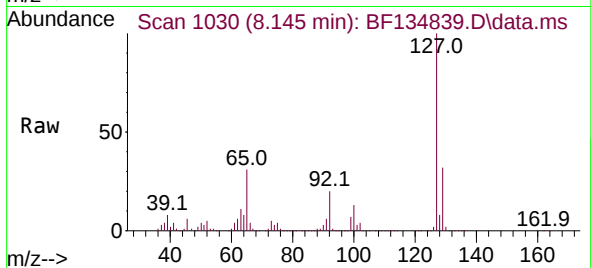
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 569575
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 30.9 25.4 38.0
92 19.7 16.2 24.4

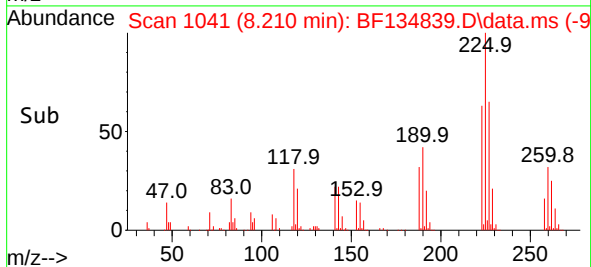
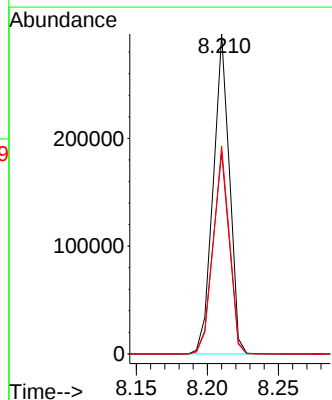
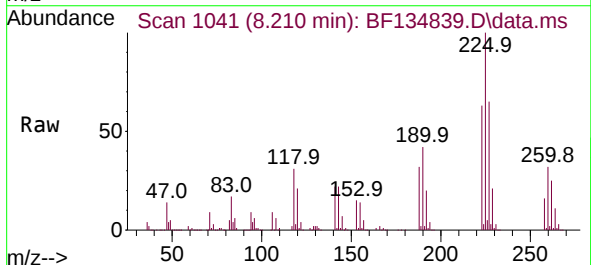
Manual Integrations
APPROVED

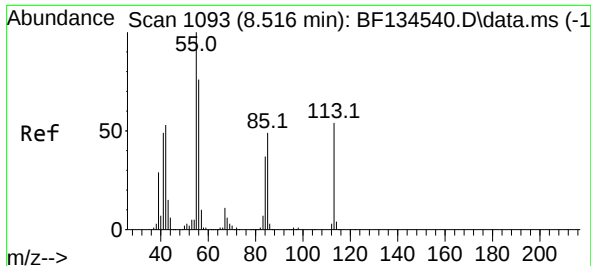
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#34
Hexachlorobutadiene
Concen: 39.042 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

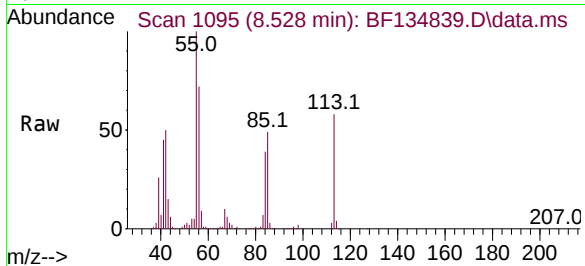
Tgt Ion:225 Resp: 236332
Ion Ratio Lower Upper
225 100
223 62.9 48.2 72.4
227 65.0 48.5 72.7





#35
Caprolactam
Concen: 38.589 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

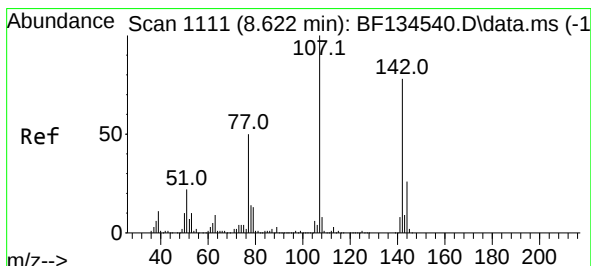
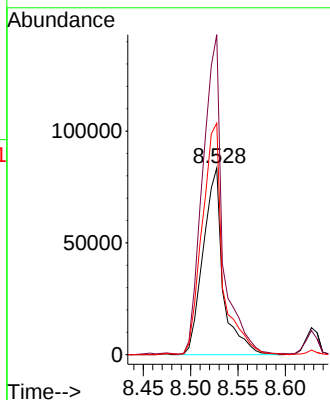
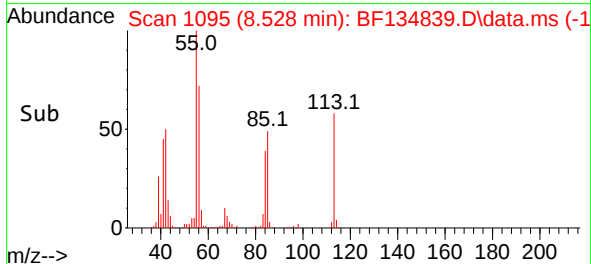
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 122521
Ion Ratio Lower Upper
113 100
55 171.5 161.5 201.5
56 124.1 117.8 157.8

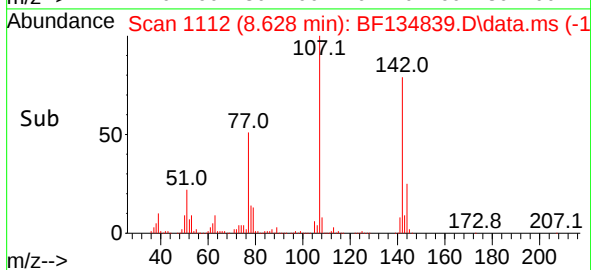
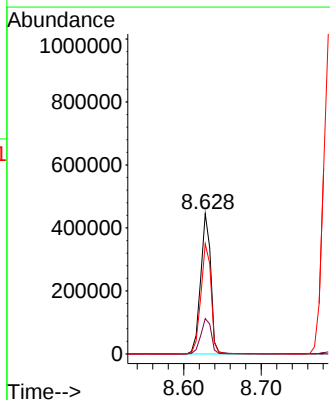
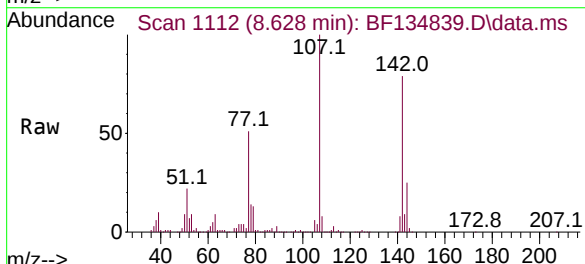
Manual Integrations
APPROVED

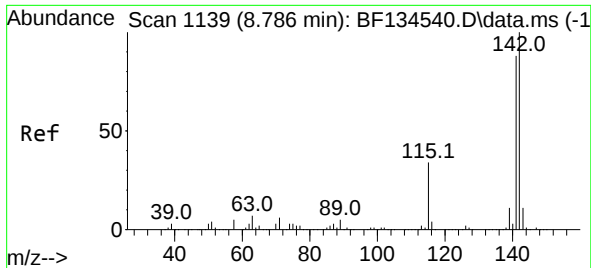
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#36
4-Chloro-3-methylphenol
Concen: 38.669 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:107 Resp: 403020
Ion Ratio Lower Upper
107 100
144 25.2 19.6 29.4
142 78.5 57.7 86.5





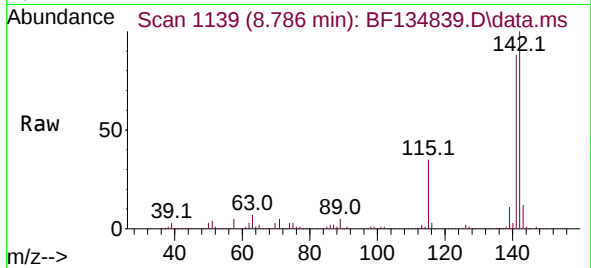
#37
2-Methylnaphthalene
Concen: 36.909 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

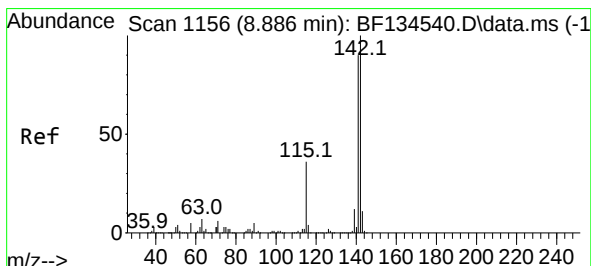
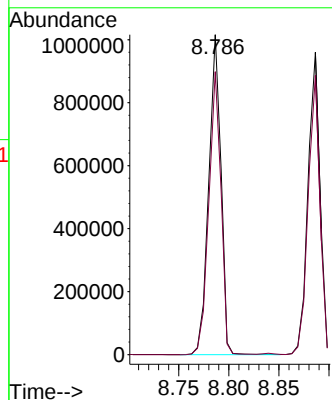
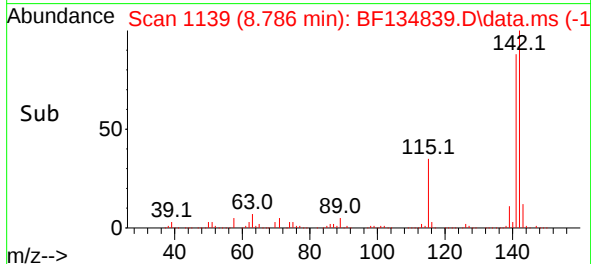


Tgt Ion:142 Resp: 856093
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2

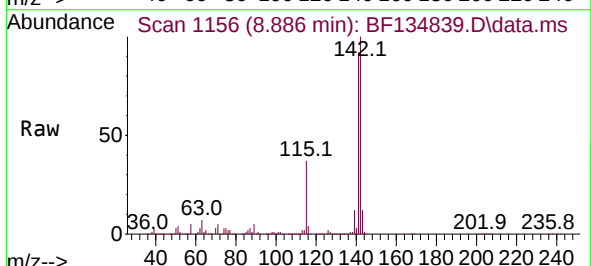
Manual Integrations

APPROVED

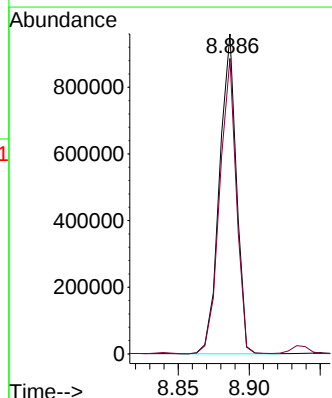
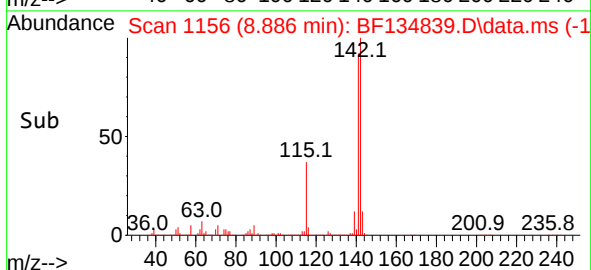
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

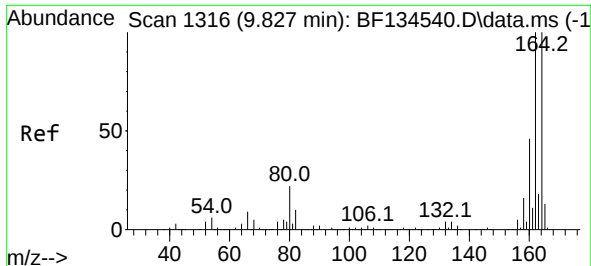


#38
1-Methylnaphthalene
Concen: 36.957 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:142 Resp: 797123
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134839.D

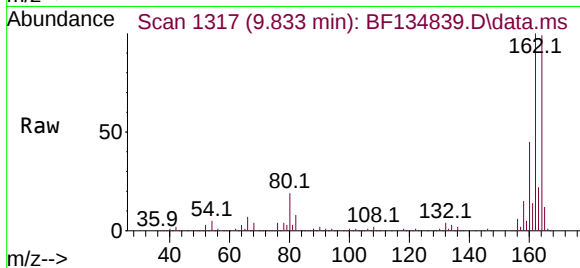
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



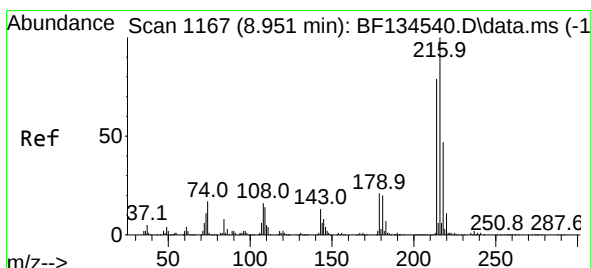
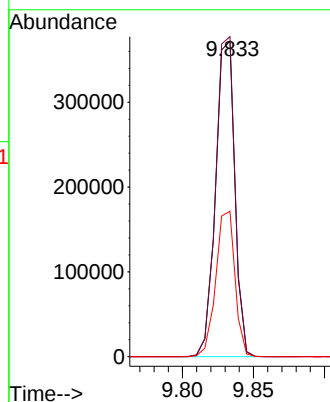
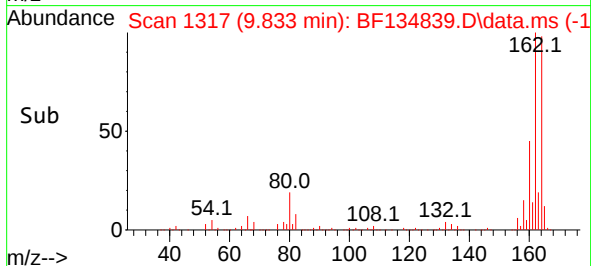
Tgt Ion:	164	Resp:	350375
Ion Ratio	100	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	46.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.402 ng

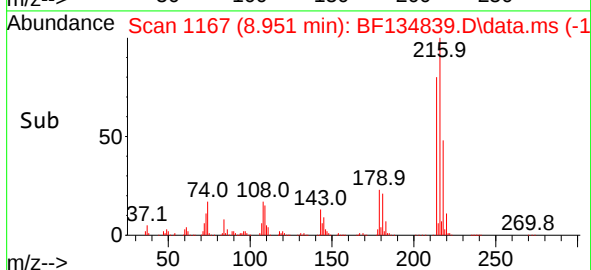
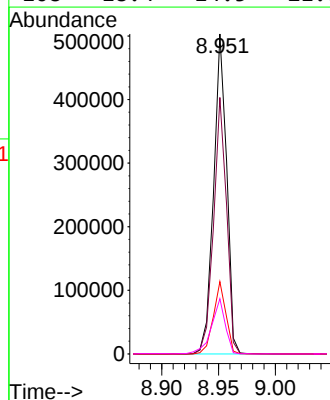
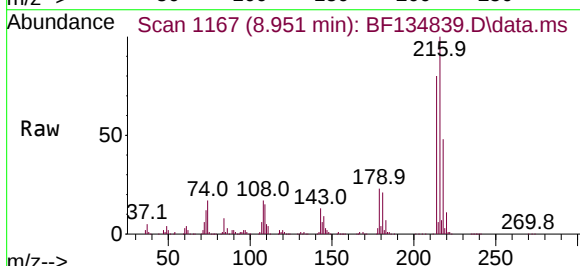
RT: 8.951 min Scan# 1167

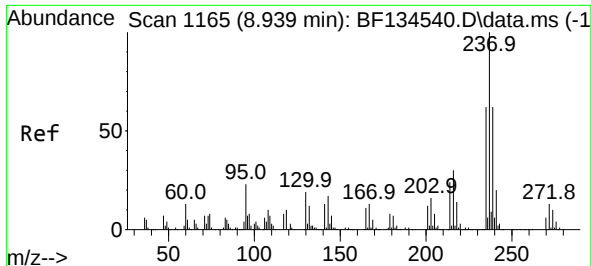
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Tgt Ion:	216	Resp:	401457
Ion Ratio	100	Lower	Upper
216	100		
214	79.4	62.3	93.5
179	21.9	17.4	26.0
108	18.4	14.5	21.7





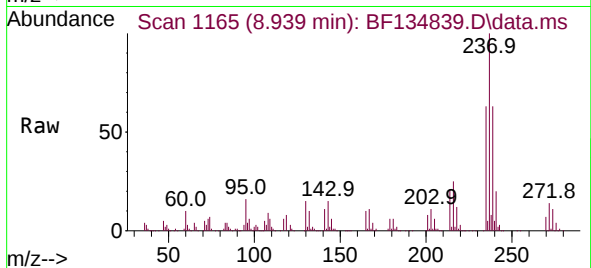
#41
Hexachlorocyclopentadiene
Concen: 33.994 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

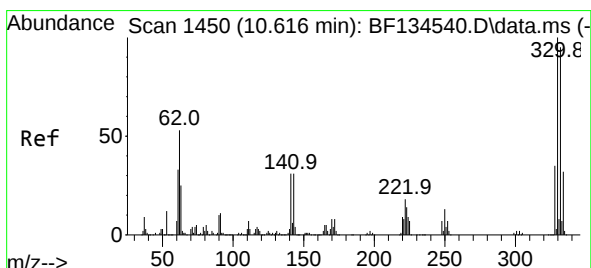
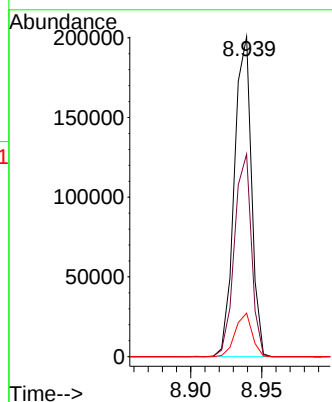
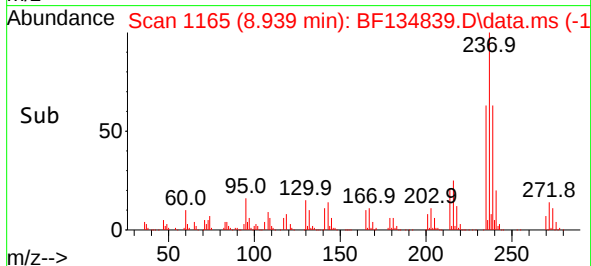


Tgt Ion:237 Resp: 168429
Ion Ratio Lower Upper
237 100
235 63.3 37.0 77.0
272 13.6 0.0 32.7

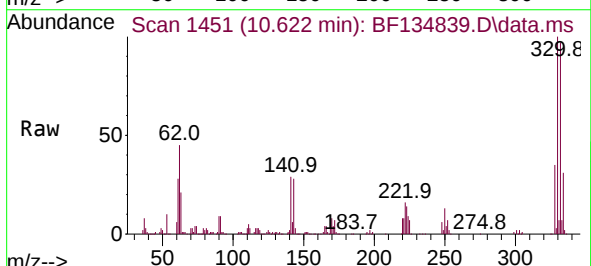
Manual Integrations

APPROVED

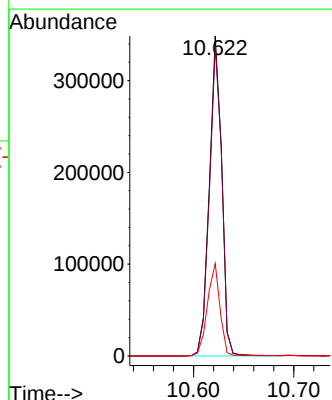
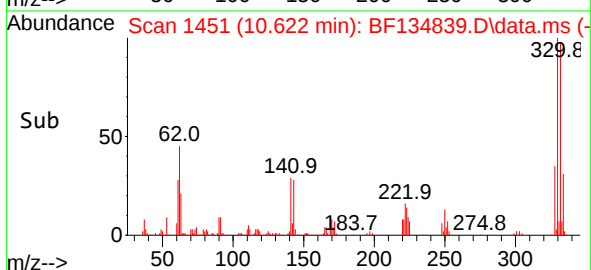
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

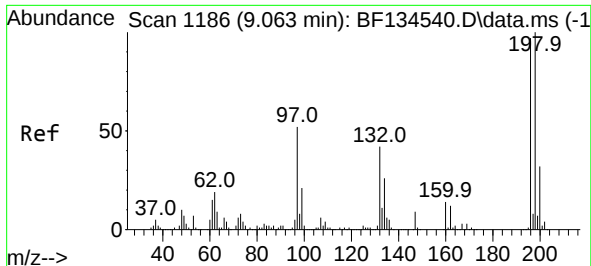


#42
2,4,6-Tribromophenol
Concen: 83.265 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:330 Resp: 297401
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 29.3 25.4 38.2





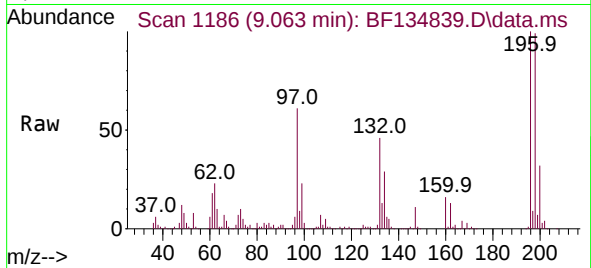
#43
2,4,6-Trichlorophenol
Concen: 40.629 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

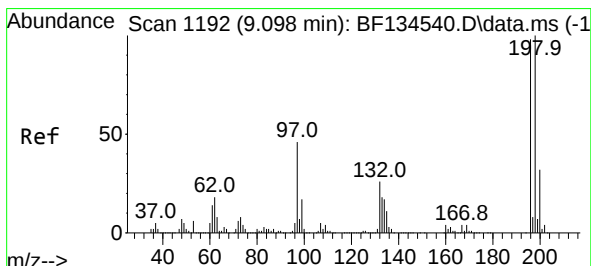
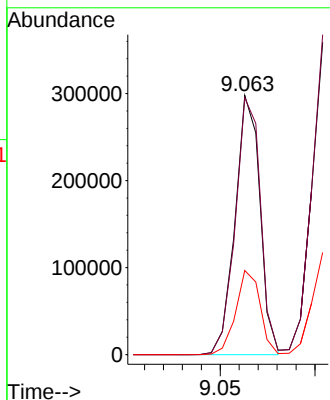
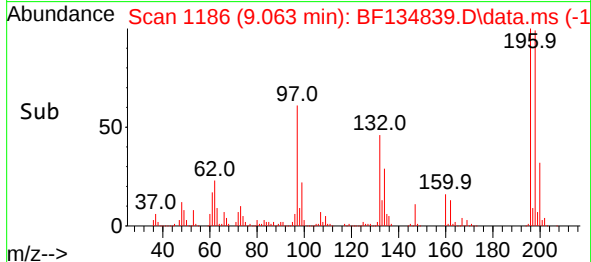


Tgt Ion:196 Resp: 270915
Ion Ratio Lower Upper
196 100
198 99.1 77.4 116.2
200 32.4 25.4 38.2

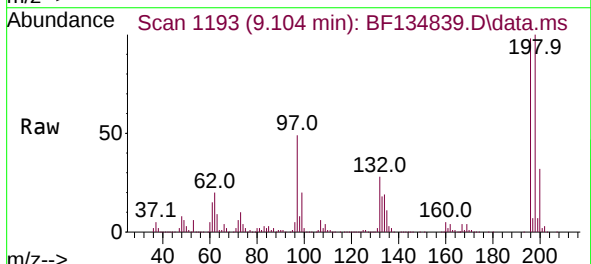
Manual Integrations

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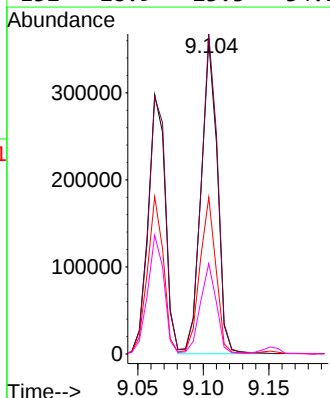
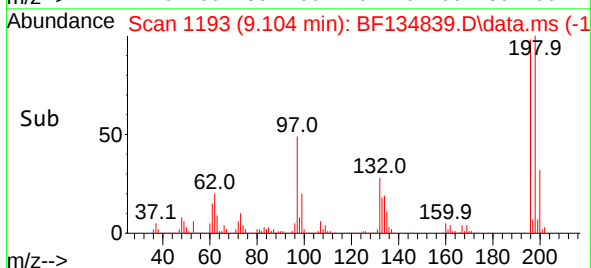
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

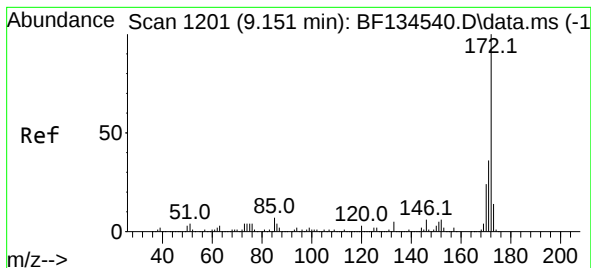


#44
2,4,5-Trichlorophenol
Concen: 40.669 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:196 Resp: 309939
Ion Ratio Lower Upper
196 100
198 102.4 73.0 109.4
97 50.1 40.8 61.2
132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.714 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1616573

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

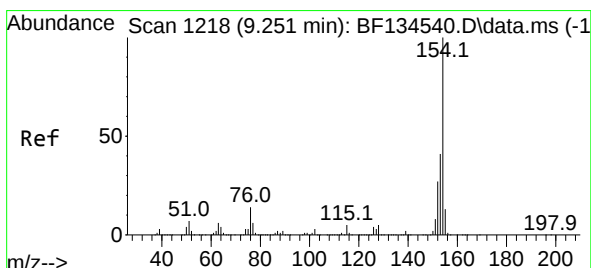
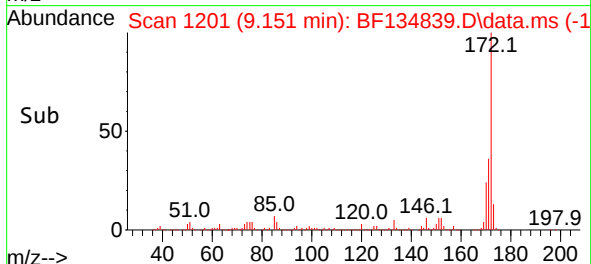
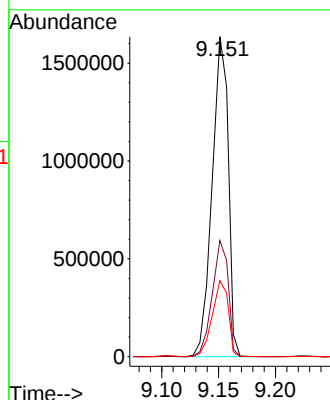
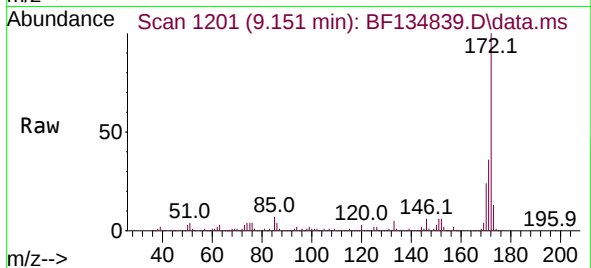
170 23.7 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#46

1,1'-Biphenyl

Concen: 37.888 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

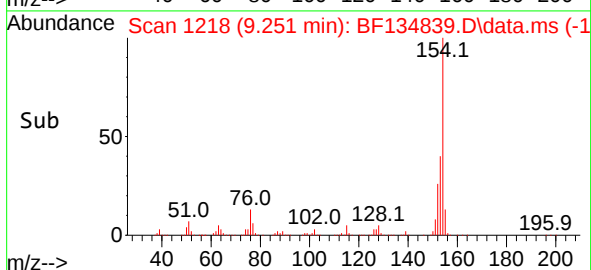
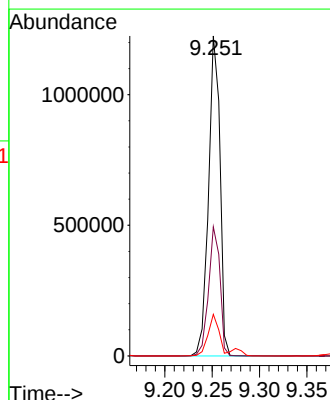
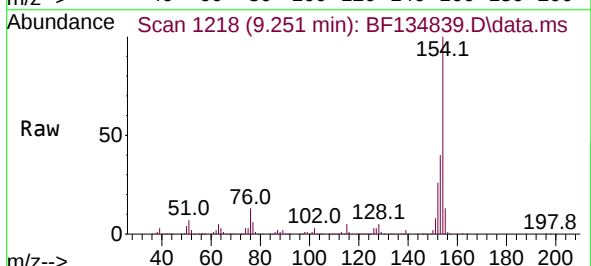
Tgt Ion:154 Resp: 1032304

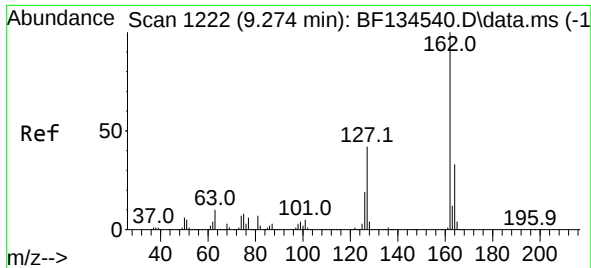
Ion Ratio Lower Upper

154 100

153 40.3 20.8 60.8

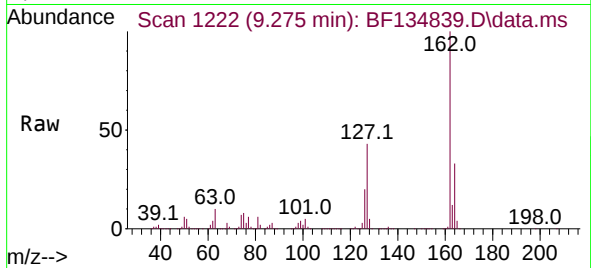
76 13.0 0.0 30.2





#47
2-Chloronaphthalene
Concen: 37.920 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

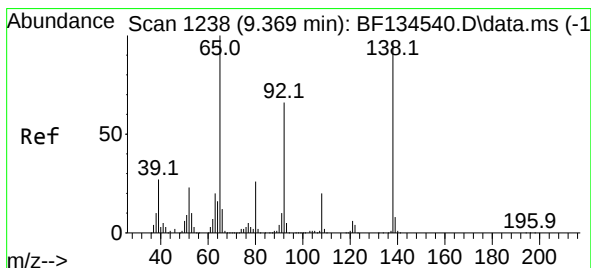
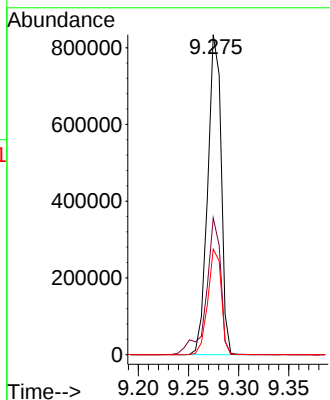
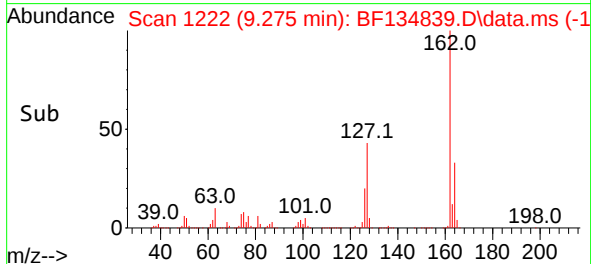
Instrument : BNA_F
ClientSampleId : SSTDCCC040



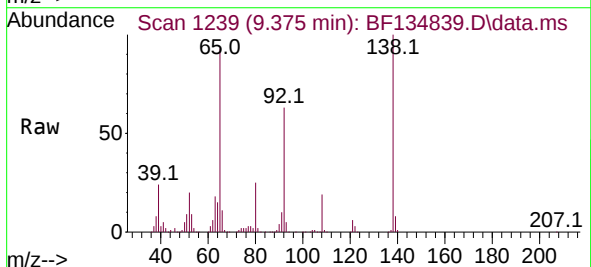
Tgt Ion: 162 Resp: 774150
Ion Ratio Lower Upper
162 100
127 42.7 34.0 51.0
164 33.0 25.7 38.5

Manual Integrations
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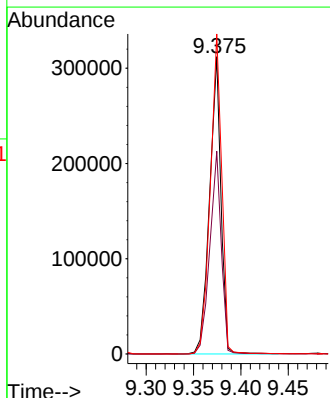
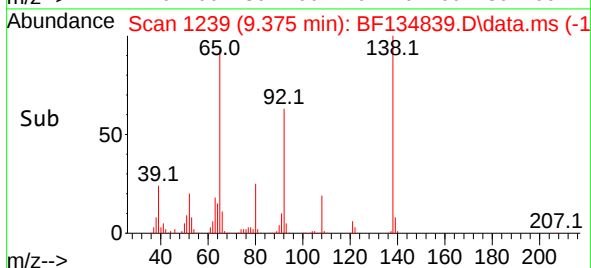
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

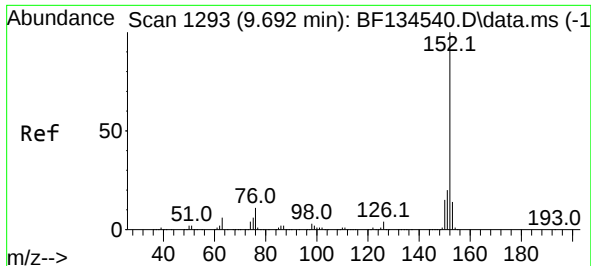


#48
2-Nitroaniline
Concen: 41.736 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion: 65 Resp: 262829
Ion Ratio Lower Upper
65 100
92 68.2 50.7 76.1
138 107.7 78.2 117.4





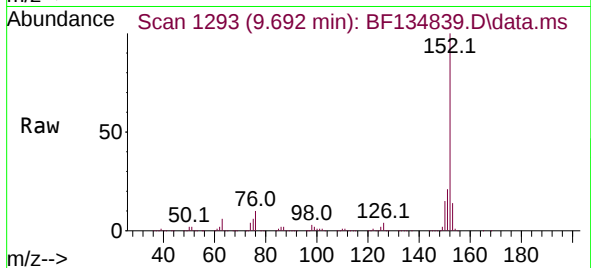
#49
Acenaphthylene
Concen: 36.713 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



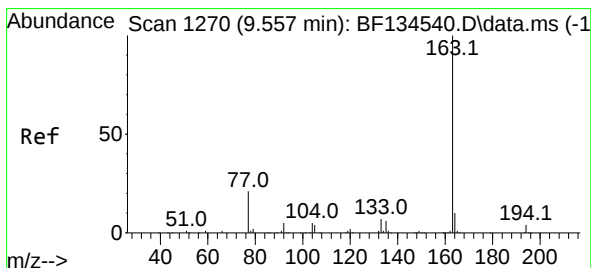
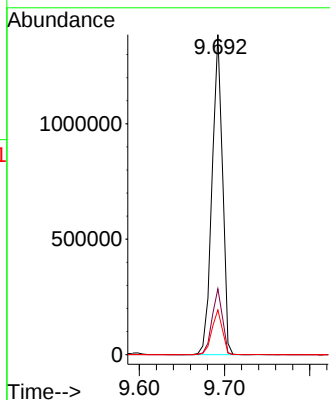
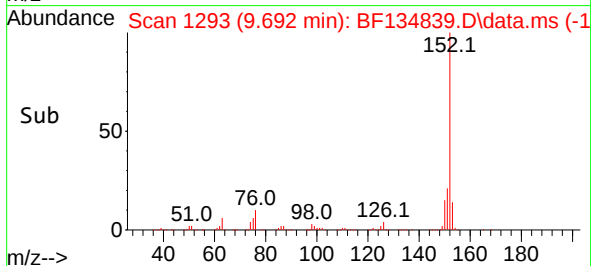
Tgt Ion:152 Resp: 1178173
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.0 10.9 16.3

Manual Integrations

APPROVED

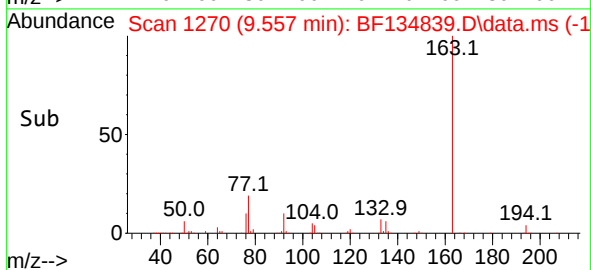
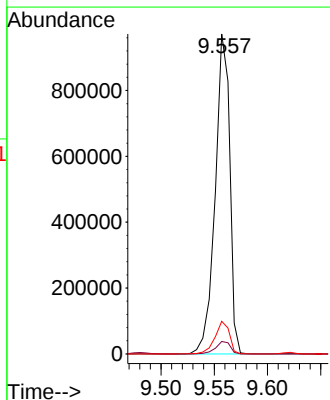
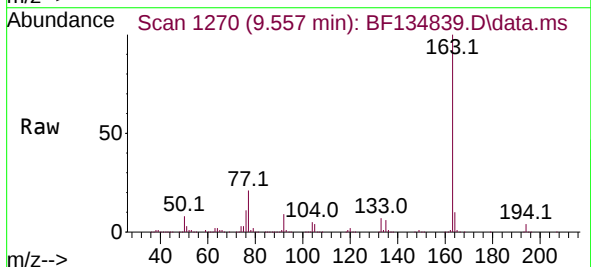
Reviewed By :Yogesh Patel 08/21/2023

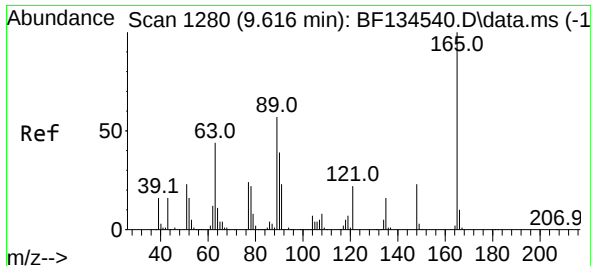
Supervised By :mohammad ahmed 08/21/2023



#50
Dimethylphthalate
Concen: 38.768 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

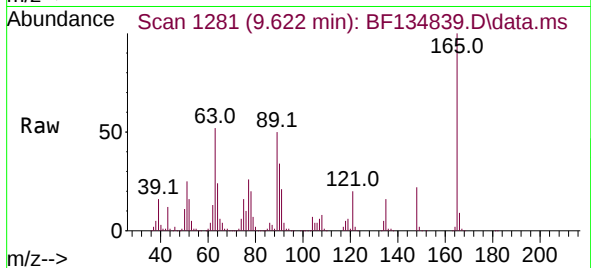
Tgt Ion:163 Resp: 925795
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 43.116 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

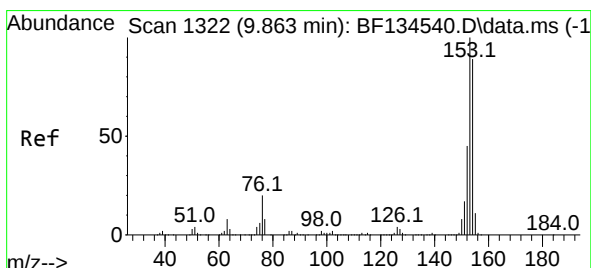
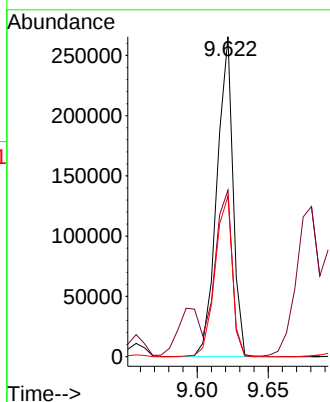
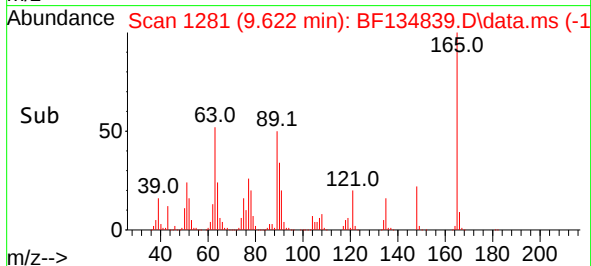
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 209655
Ion Ratio Lower Upper
165 100
63 52.0 57.8 86.6
89 50.1 51.8 77.8

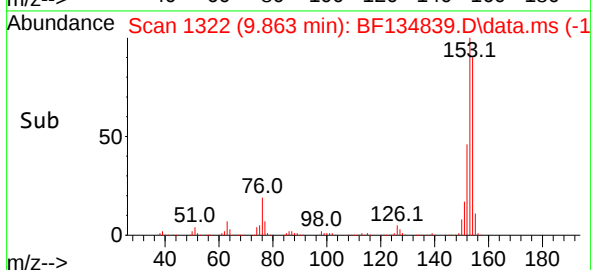
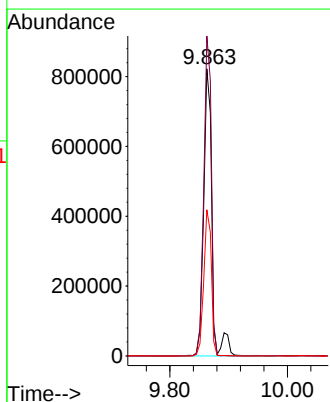
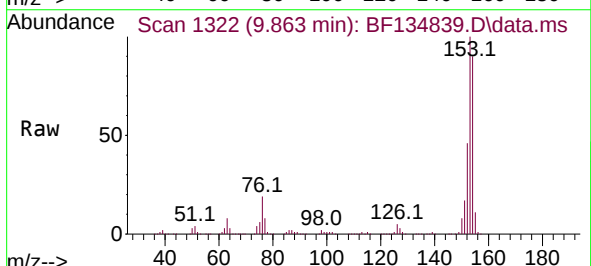
Manual Integrations
APPROVED

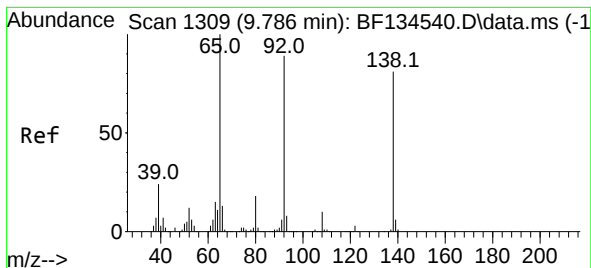
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#52
Acenaphthene
Concen: 38.055 ng m
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:154 Resp: 791412
Ion Ratio Lower Upper
154 100
153 111.4 90.0 135.0
152 50.9 42.4 63.6





#53

3-Nitroaniline

Concen: 43.252 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

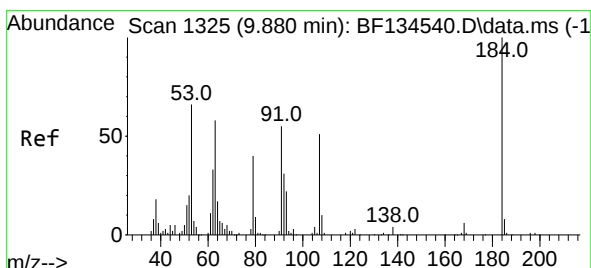
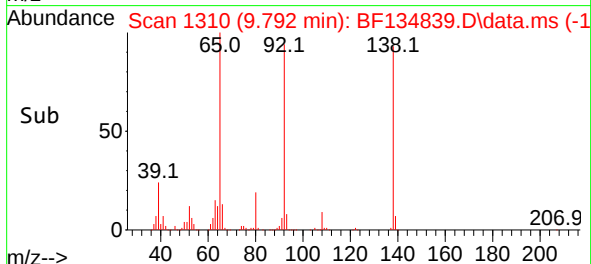
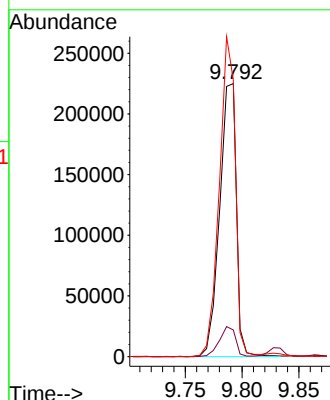
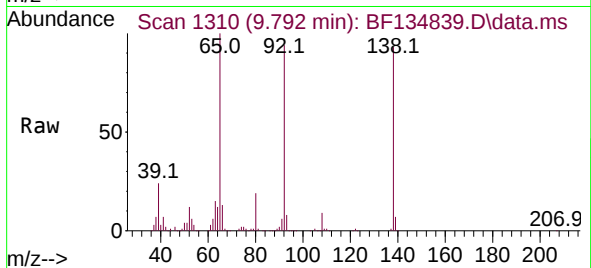
SSTDCCC040

Tgt Ion:138 Resp: 230218
 Ion Ratio Lower Upper
 138 100
 108 9.8 9.3 13.9
 92 101.2 86.6 129.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#54

2,4-Dinitrophenol

Concen: 56.513 ng

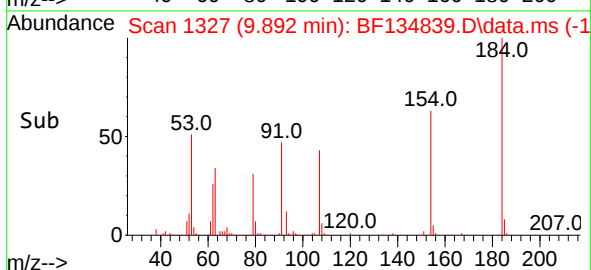
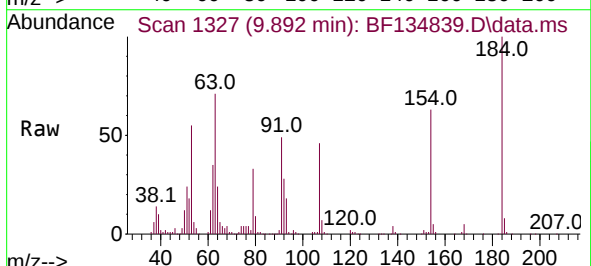
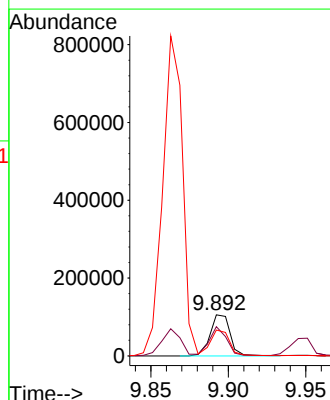
RT: 9.892 min Scan# 1327

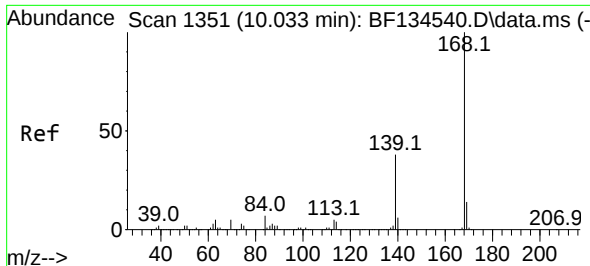
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Tgt Ion:184 Resp: 94820
 Ion Ratio Lower Upper
 184 100
 63 71.4 57.1 85.7
 154 62.9 59.1 88.7





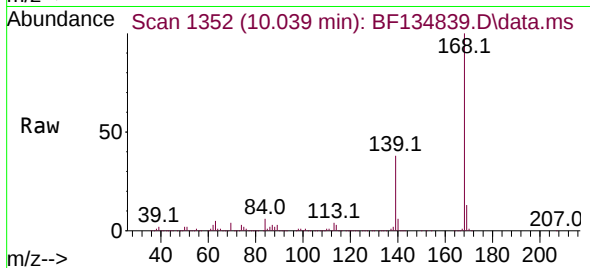
#55
Dibenzenofuran
Concen: 36.619 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

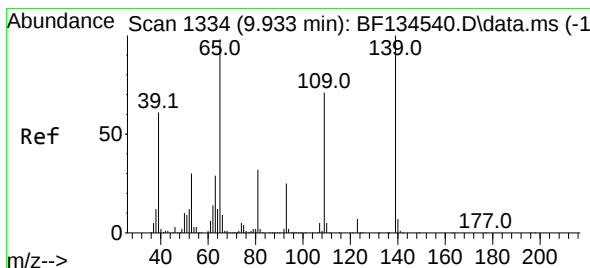
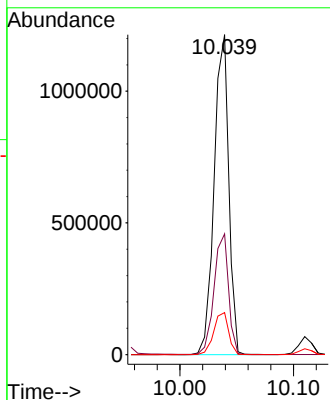
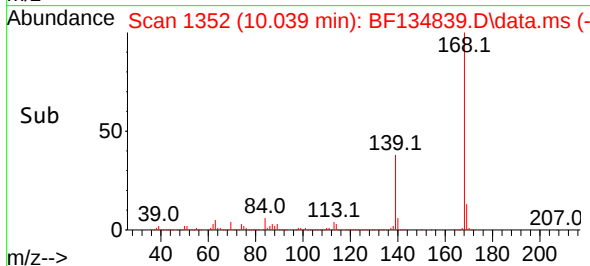


Tgt Ion:168 Resp: 108412
Ion Ratio Lower Upper
168 100
139 37.7 33.4 50.2
169 13.2 10.6 15.8

Manual Integrations

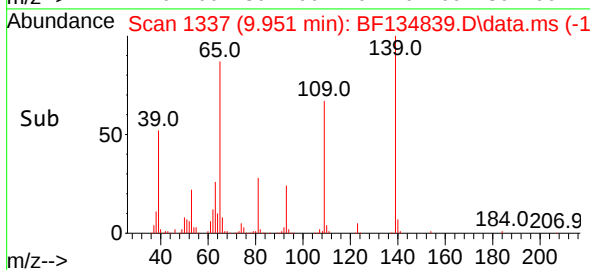
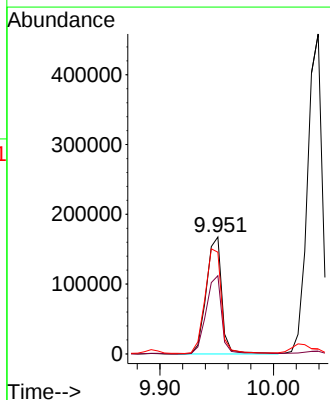
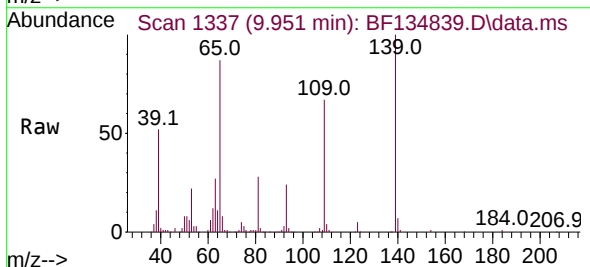
APPROVED

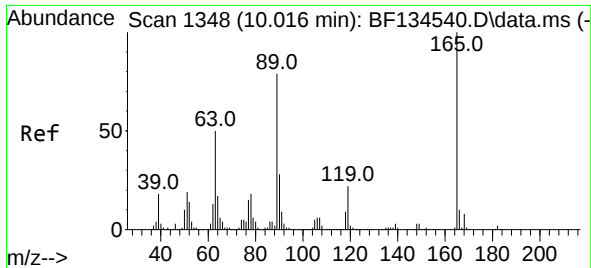
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#56
4-Nitrophenol
Concen: 36.631 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:139 Resp: 159467
Ion Ratio Lower Upper
139 100
109 66.9 76.9 116.9#
65 87.1 98.5 138.5#





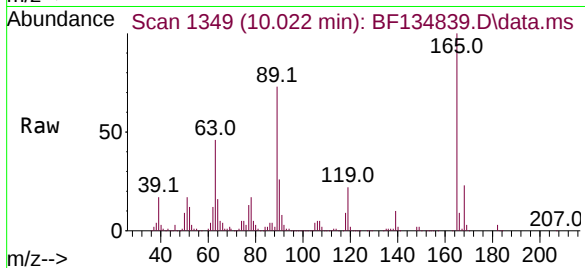
#57
2,4-Dinitrotoluene
Concen: 45.471 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

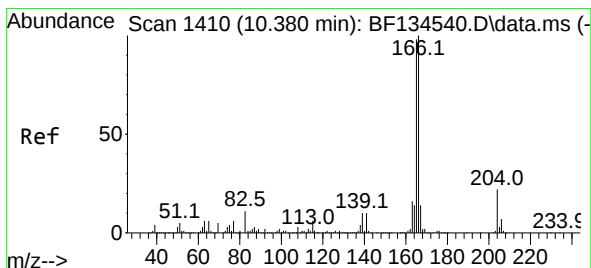
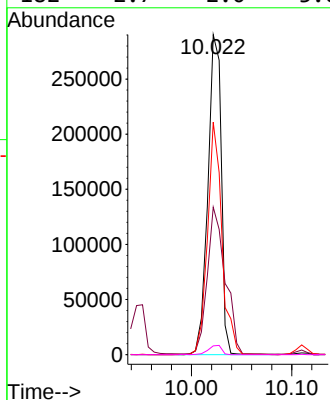
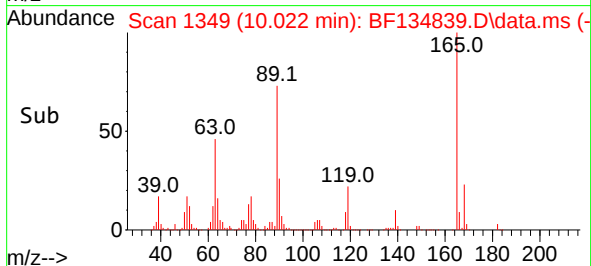


Tgt Ion:165 Resp: 26778
Ion Ratio Lower Upper
165 100
63 46.1 48.9 73.3
89 72.6 61.7 92.5
182 2.7 2.0 3.0

Manual Integrations

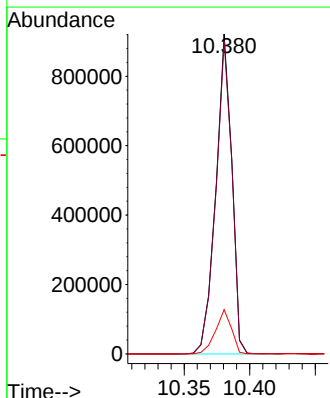
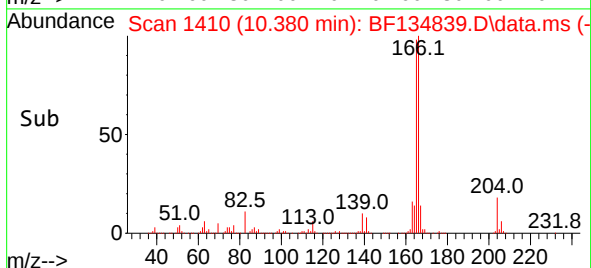
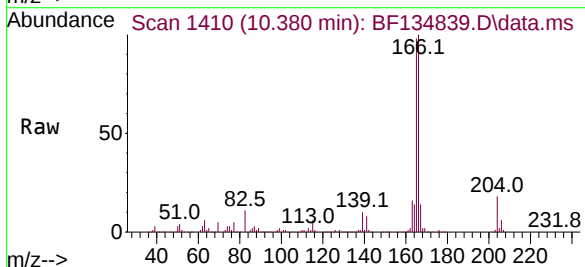
APPROVED

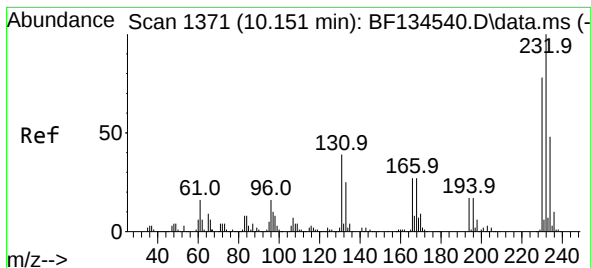
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#58
Fluorene
Concen: 36.291 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

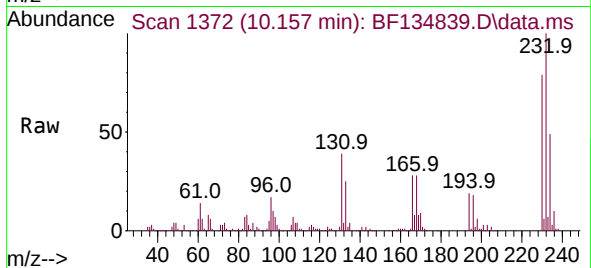
Tgt Ion:166 Resp: 782578
Ion Ratio Lower Upper
166 100
165 97.8 74.5 111.7
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.496 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

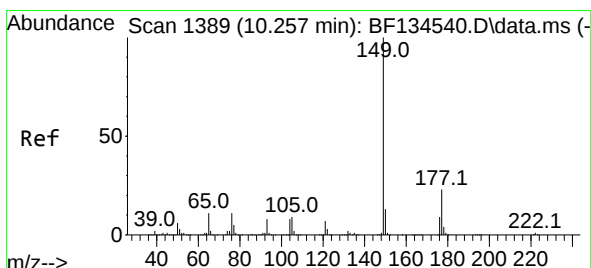
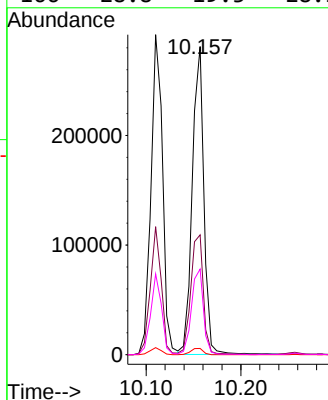
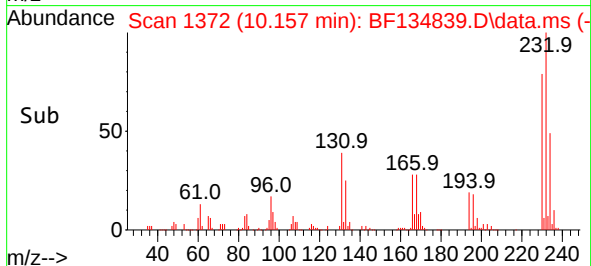
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



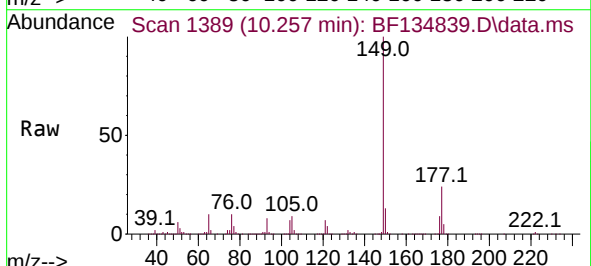
Tgt Ion:232 Resp: 238133
Ion Ratio Lower Upper
232 100
131 41.8 33.4 50.0
130 2.1 1.8 2.6
166 28.8 19.3 28.9

Manual Integrations
APPROVED

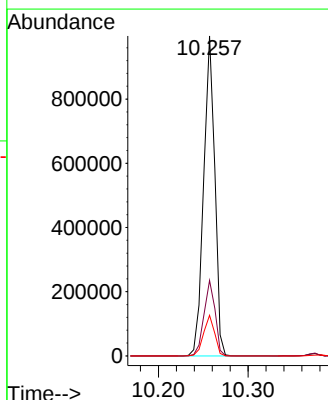
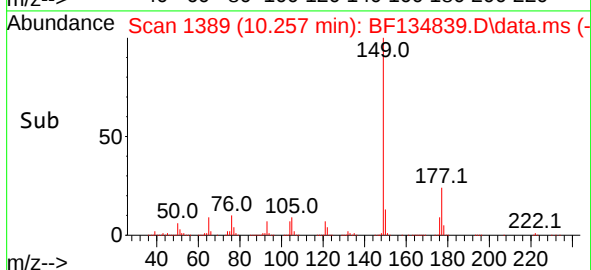
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

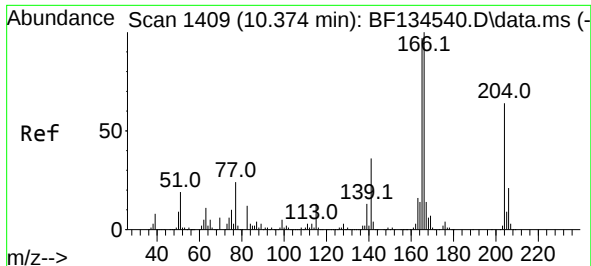


#60
Diethylphthalate
Concen: 37.897 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:149 Resp: 857804
Ion Ratio Lower Upper
149 100
177 23.6 17.0 25.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.737 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

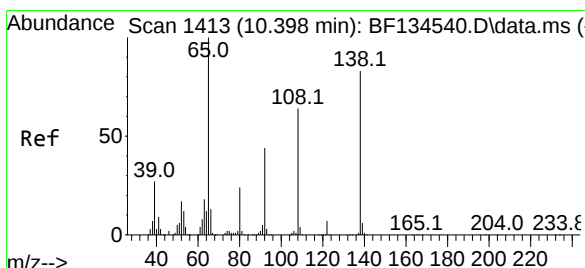
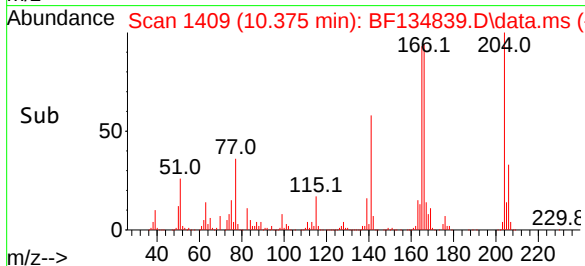
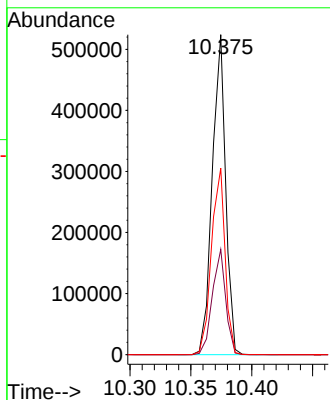
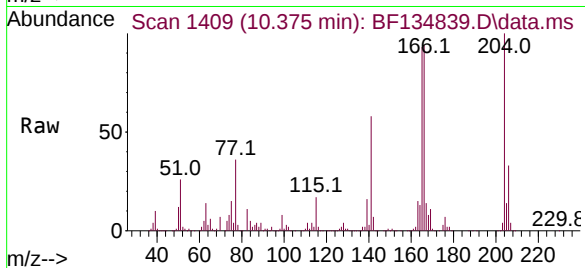
SSTDCCC040

Tgt Ion:204 Resp: 399983
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 58.3 52.2 78.4

Manual Integrations

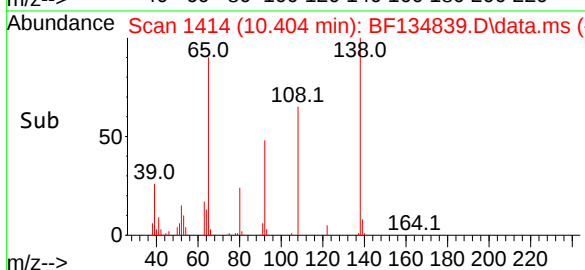
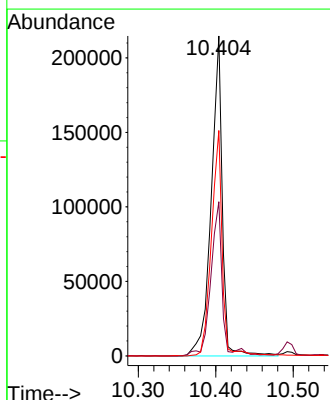
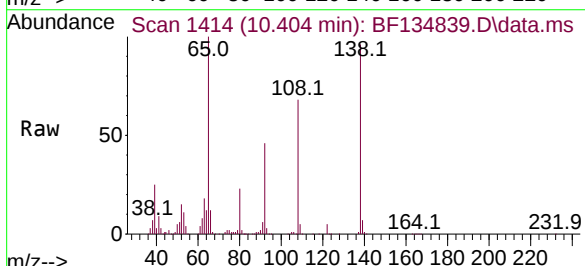
APPROVED

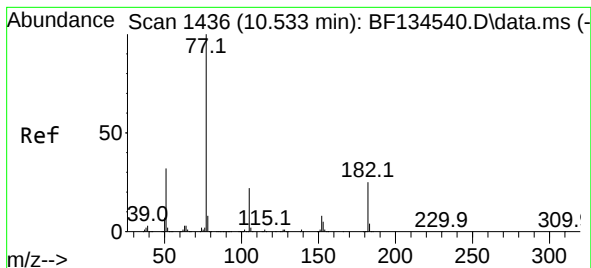
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#62
4-Nitroaniline
Concen: 40.917 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

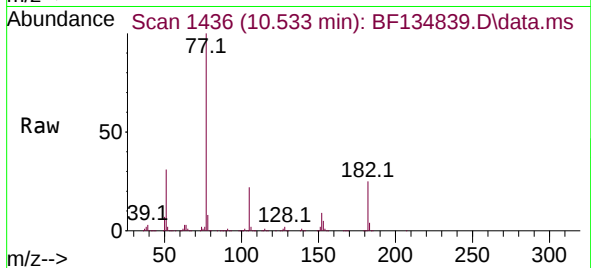
Tgt Ion:138 Resp: 213469
Ion Ratio Lower Upper
138 100
92 48.2 27.0 67.0
108 70.4 70.4 110.4





#63
Azobenzene
Concen: 34.804 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

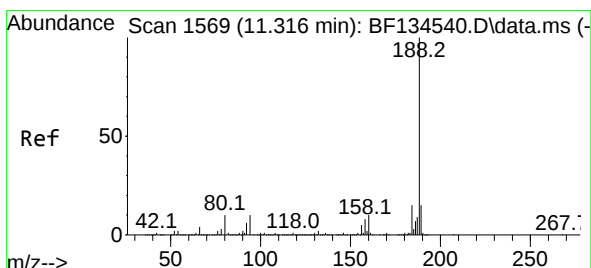
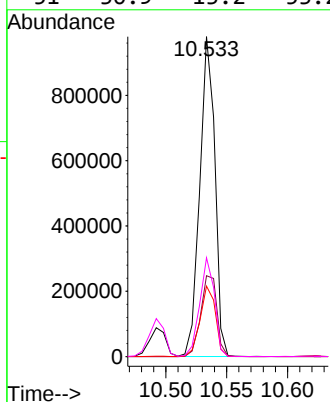
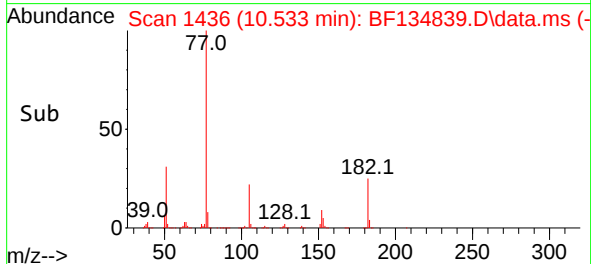
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 846429
Ion Ratio Lower Upper
77 100
182 25.3 7.5 47.5
105 22.0 1.9 41.9
51 30.9 13.2 53.2

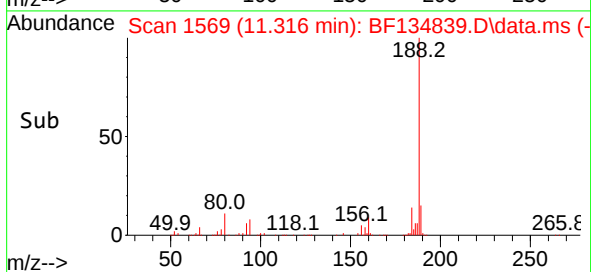
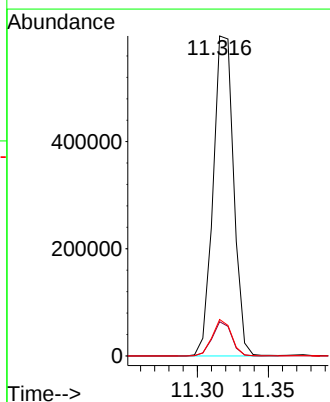
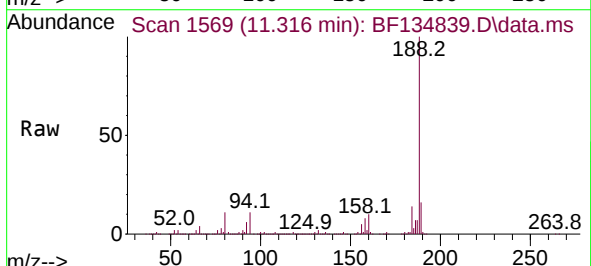
Manual Integrations
APPROVED

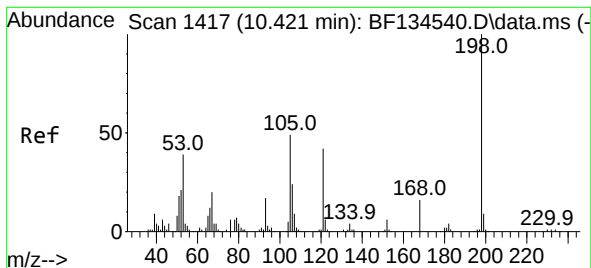
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

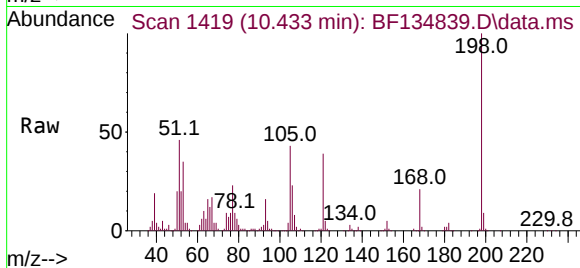
Tgt Ion:188 Resp: 602012
Ion Ratio Lower Upper
188 100
94 10.7 5.1 7.7#
80 11.4 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 55.616 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

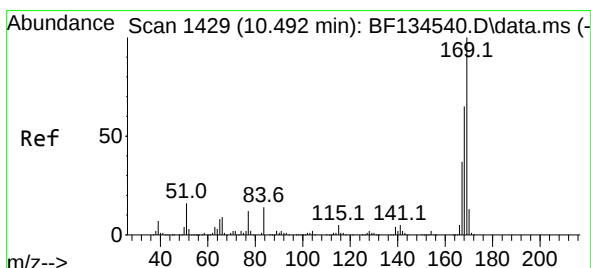
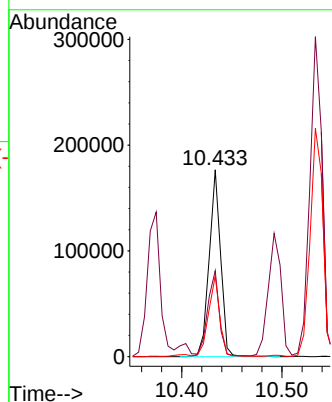
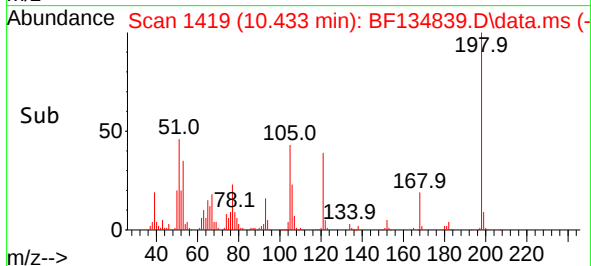
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



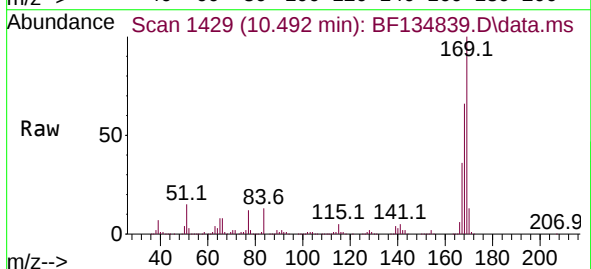
Tgt Ion:198 Resp: 139427
Ion Ratio Lower Upper
198 100
51 45.9 38.6 78.6
105 43.2 27.9 67.9

Manual Integrations
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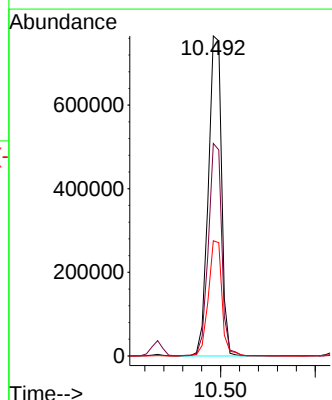
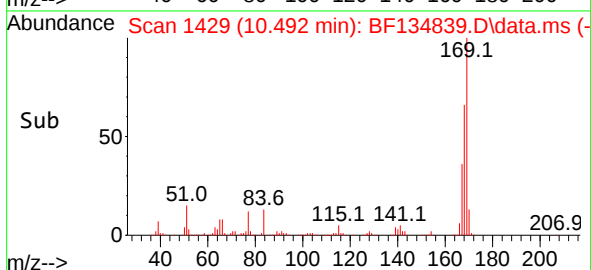
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

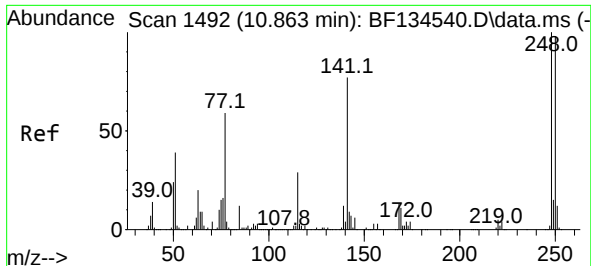


#66
n-Nitrosodiphenylamine
Concen: 38.831 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:169 Resp: 744055
Ion Ratio Lower Upper
169 100
168 66.4 52.6 78.8
167 36.0 29.8 44.8





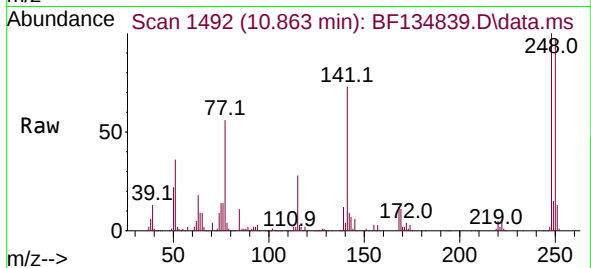
#67
4-Bromophenyl-phenylether
Concen: 41.139 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

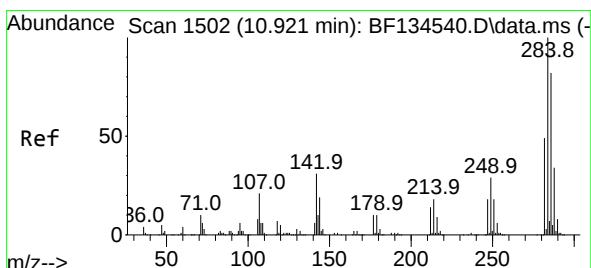
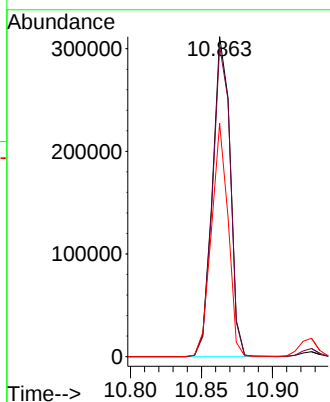
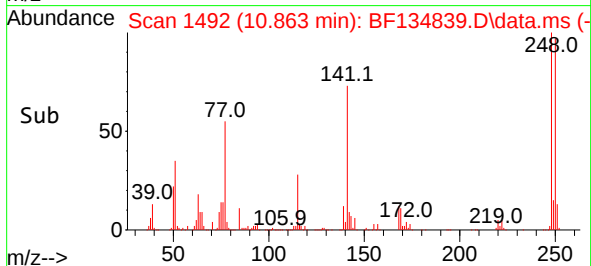


Tgt Ion:248 Resp: 271110
Ion Ratio Lower Upper
248 100
250 97.1 79.6 119.4
141 72.9 59.6 89.4

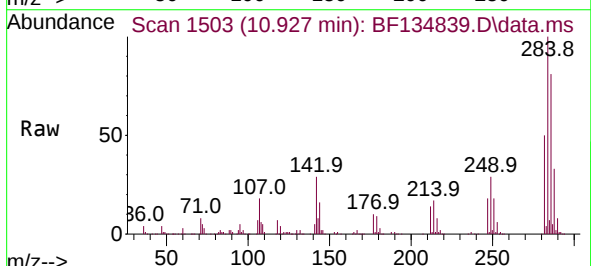
Manual Integrations

APPROVED

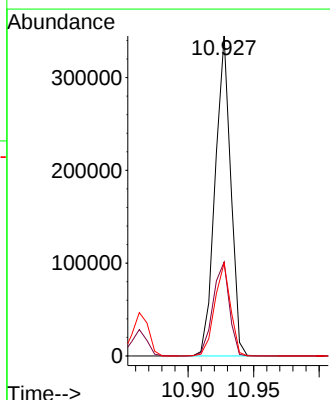
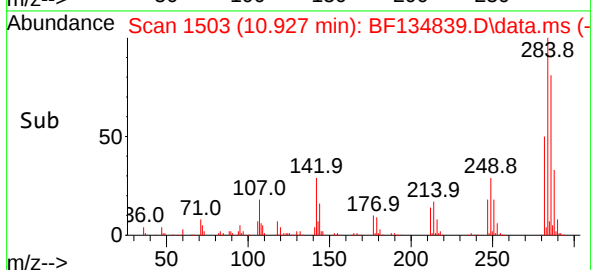
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

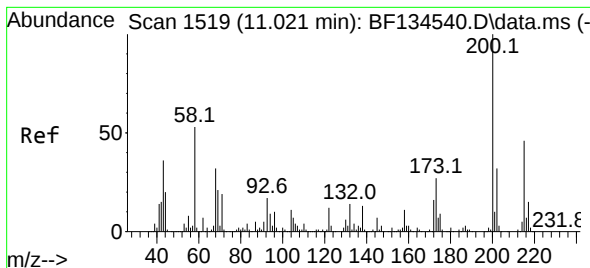


#68
Hexachlorobenzene
Concen: 41.051 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:284 Resp: 285674
Ion Ratio Lower Upper
284 100
142 29.3 26.5 39.7
249 29.0 23.8 35.8





#69

Atrazine

Concen: 38.595 ng

RT: 11.027 min Scan# 11027

Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

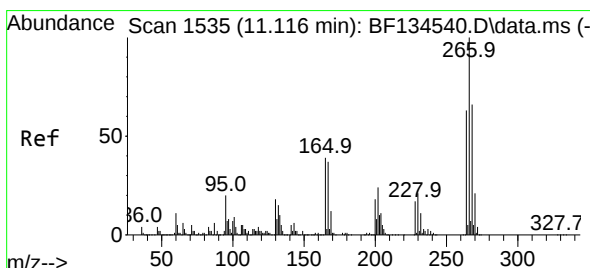
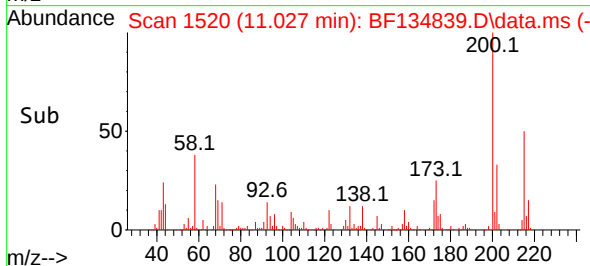
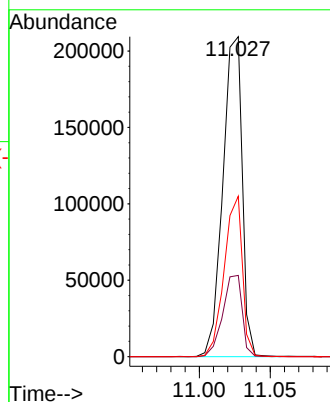
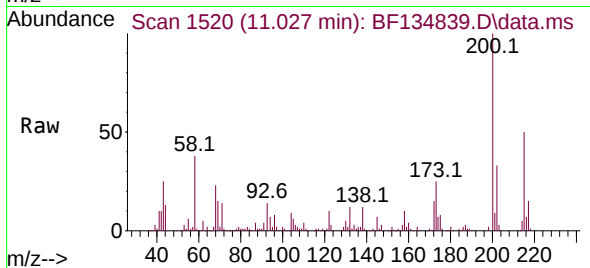
Tgt Ion:200 Resp: 199332
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.1 46.1
 215 50.1 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#70

Pentachlorophenol

Concen: 39.598 ng

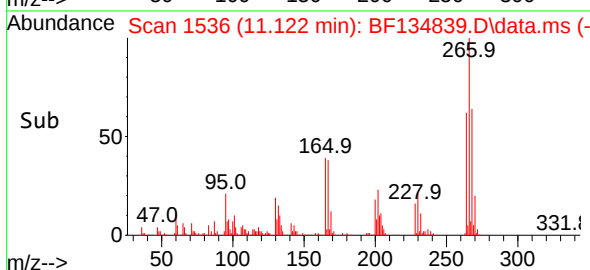
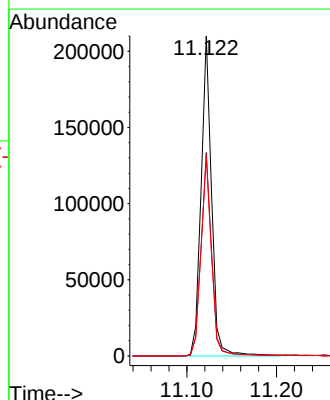
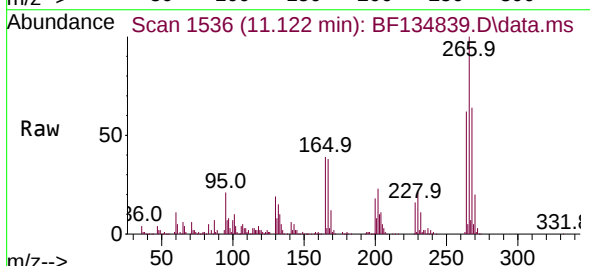
RT: 11.122 min Scan# 1536

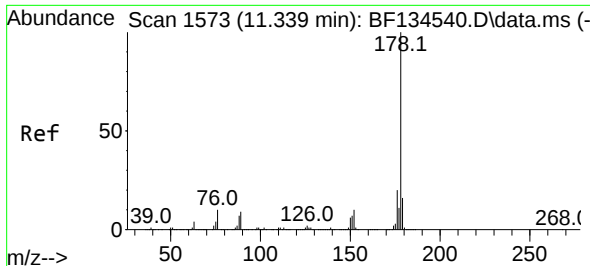
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

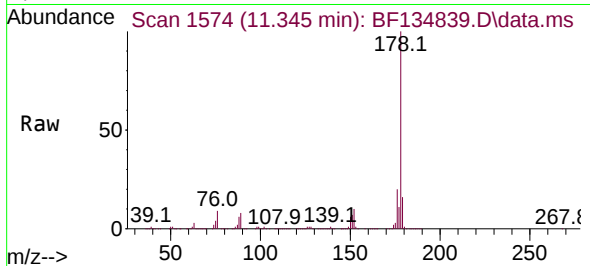
Tgt Ion:266 Resp: 170621
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.9 79.3
 264 62.5 47.8 71.6





#71
Phenanthrene
Concen: 36.601 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

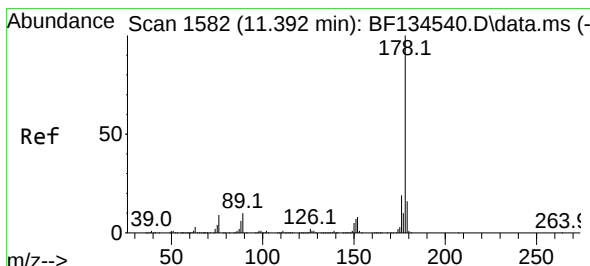
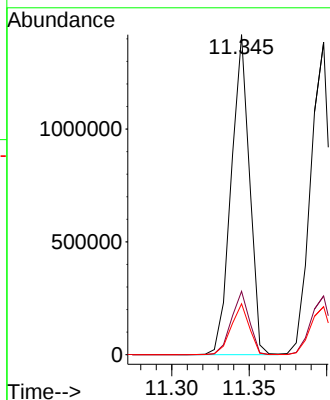
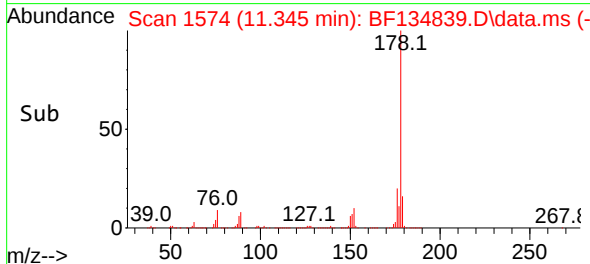
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



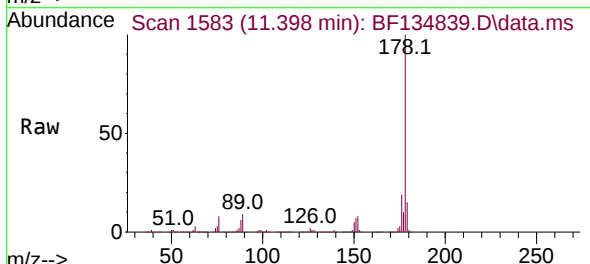
Tgt Ion:178 Resp: 1170379
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.9 12.7 19.1

Manual Integrations
APPROVED

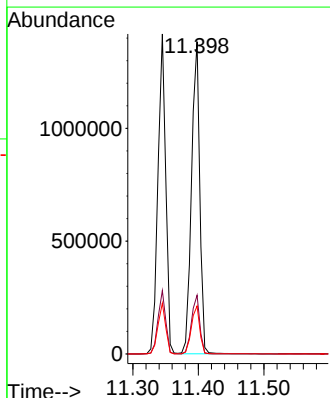
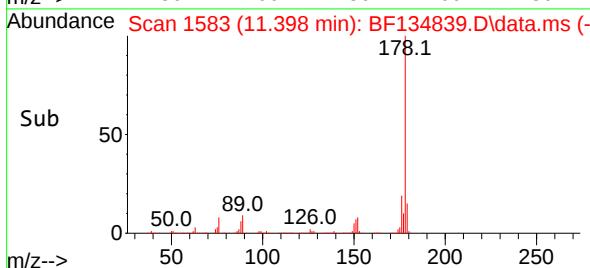
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

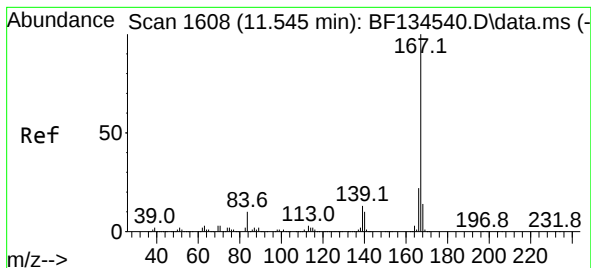


#72
Anthracene
Concen: 37.132 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:178 Resp: 1212827
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.3 12.3 18.5





#73

Carbazole

Concen: 34.039 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF134839.D

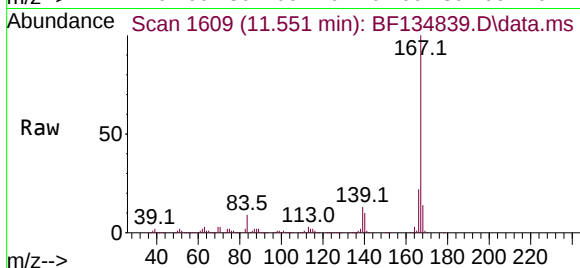
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 992691

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

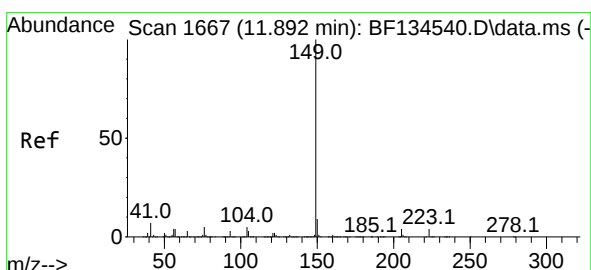
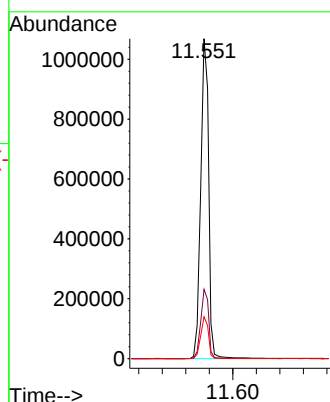
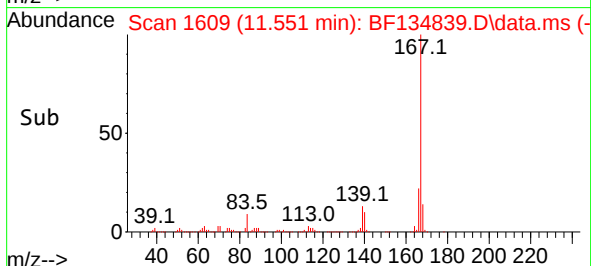
139 13.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#74

Di-n-butylphthalate

Concen: 39.941 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

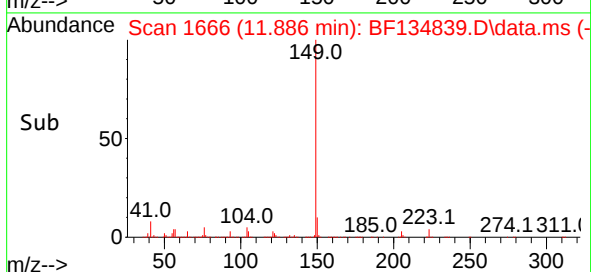
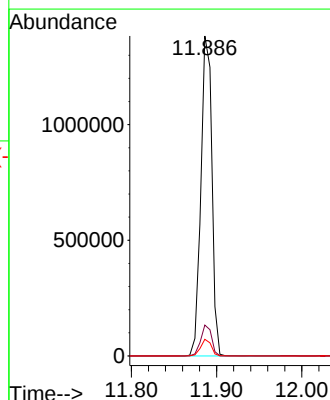
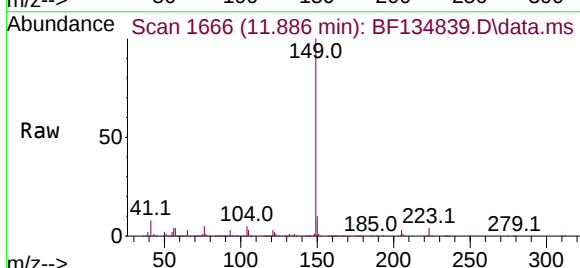
Tgt Ion:149 Resp: 1237499

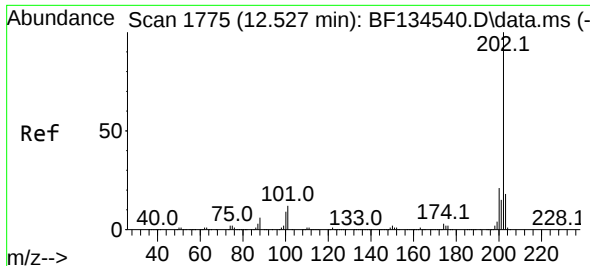
Ion Ratio Lower Upper

149 100

150 9.6 7.2 10.8

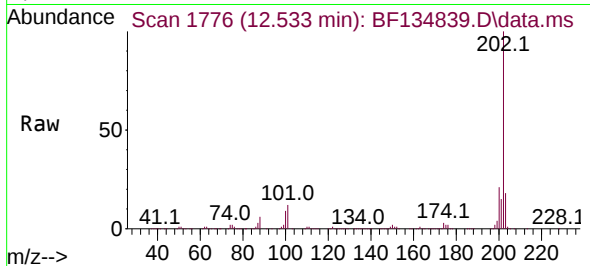
104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 32.149 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

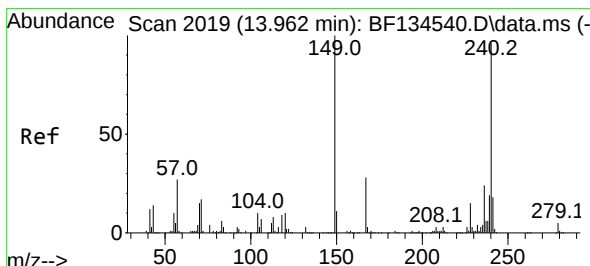
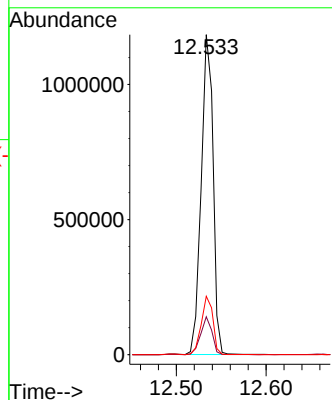
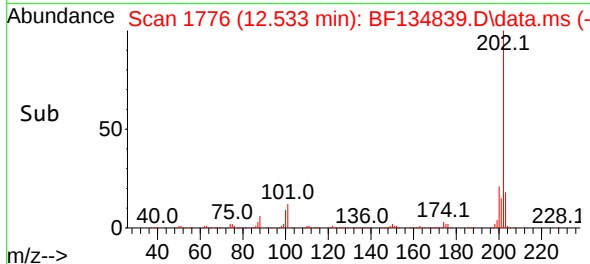
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1085899
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.5
203 18.2 0.0 37.5

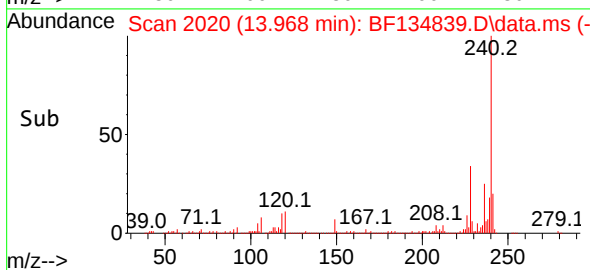
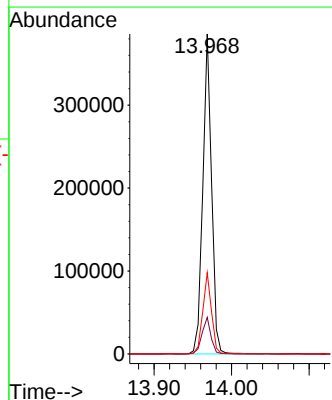
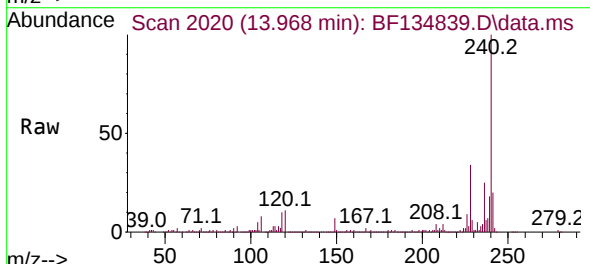
Manual Integrations
APPROVED

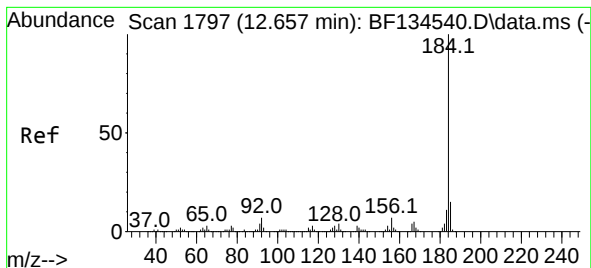
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:240 Resp: 303100
Ion Ratio Lower Upper
240 100
120 11.4 6.6 10.0#
236 25.4 20.2 30.2





#77

Benzidine

Concen: 40.093 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134839.D

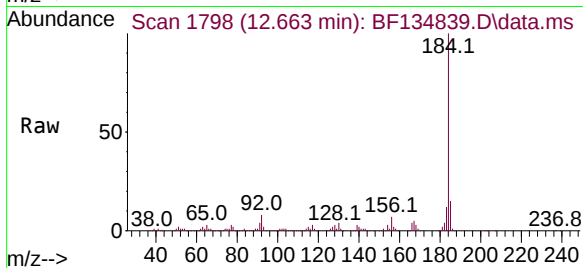
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 263796

Ion Ratio Lower Upper

184 100

185 14.8 11.2 16.8

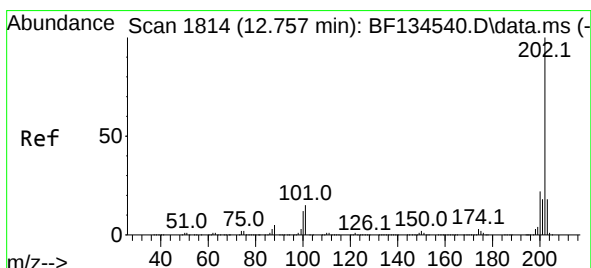
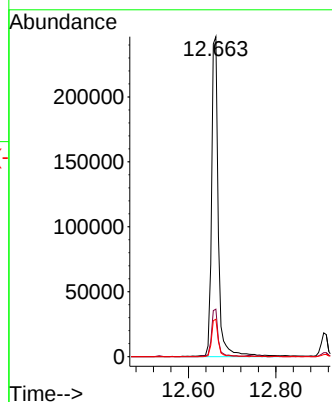
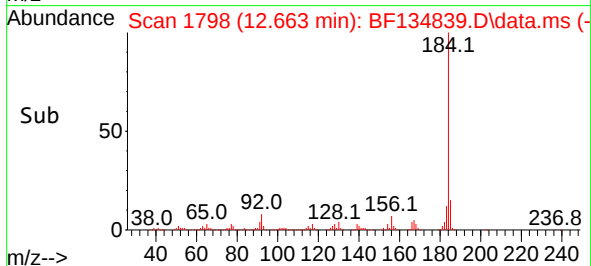
183 11.7 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#78

Pyrene

Concen: 40.037 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

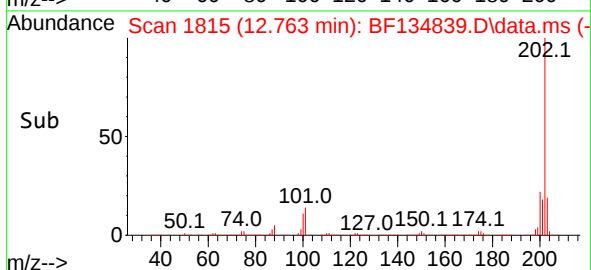
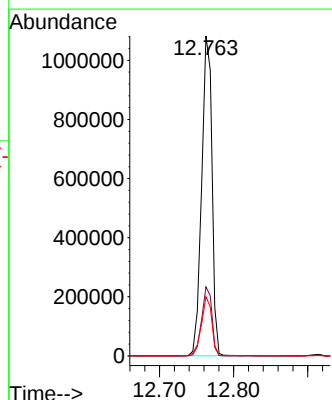
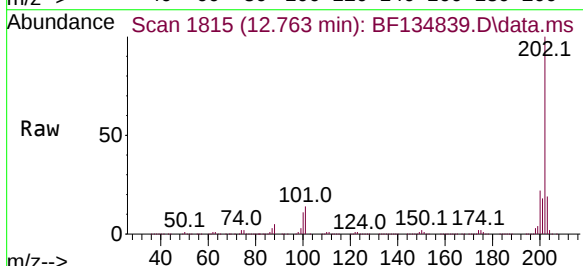
Tgt Ion:202 Resp: 1050085

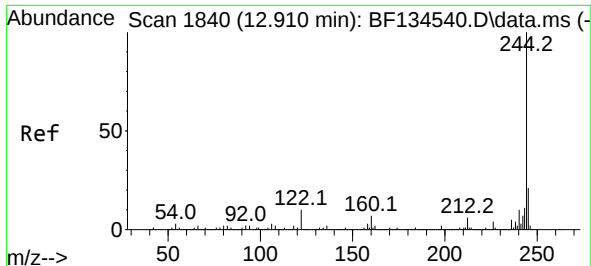
Ion Ratio Lower Upper

202 100

200 21.6 15.8 23.8

203 18.5 13.5 20.3





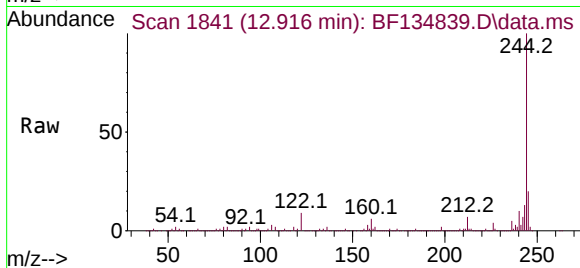
#79
Terphenyl-d14
Concen: 85.105 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

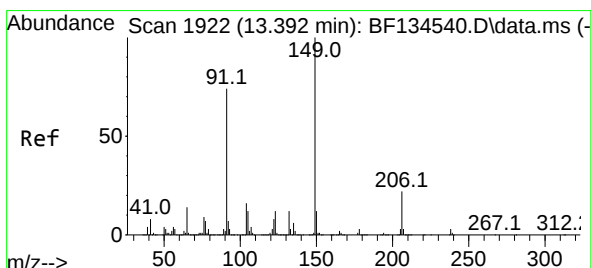
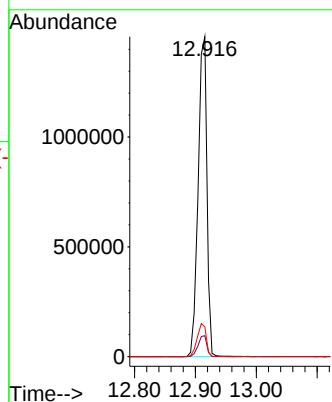
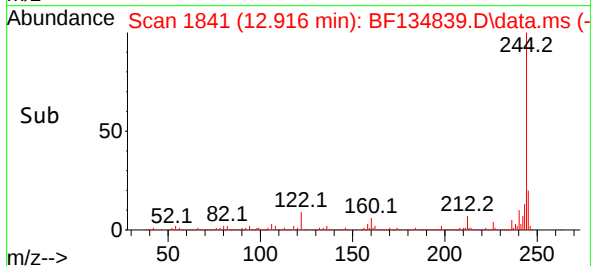


Tgt Ion:244 Resp: 1463260
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.3 8.0 12.0

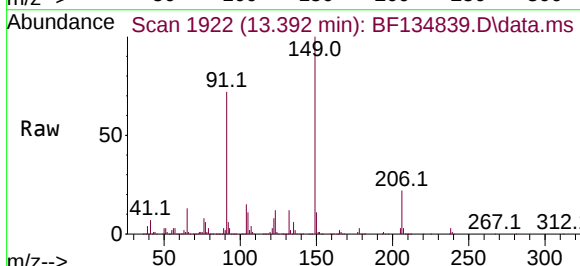
Manual Integrations

APPROVED

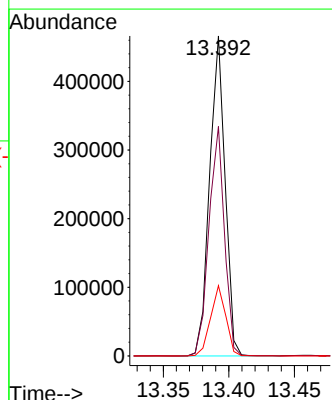
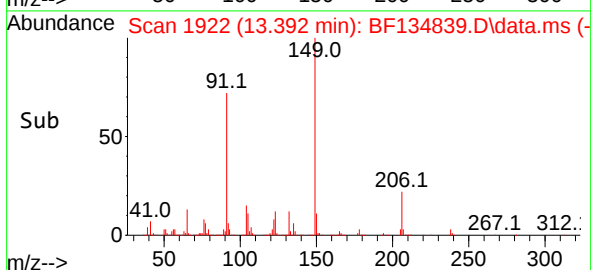
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

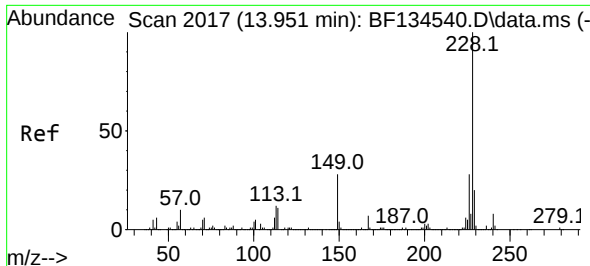


#80
Butylbenzylphthalate
Concen: 43.144 ng
RT: 13.392 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:149 Resp: 382632
Ion Ratio Lower Upper
149 100
91 71.7 55.8 83.6
206 21.9 14.6 21.8#





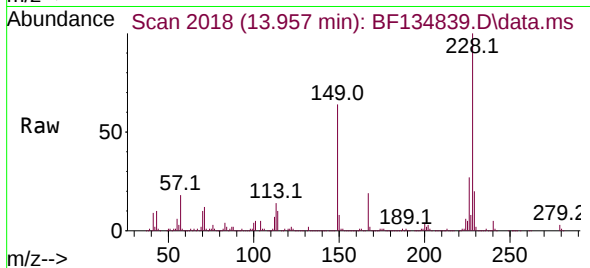
#81
Benzo(a)anthracene
Concen: 35.537 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

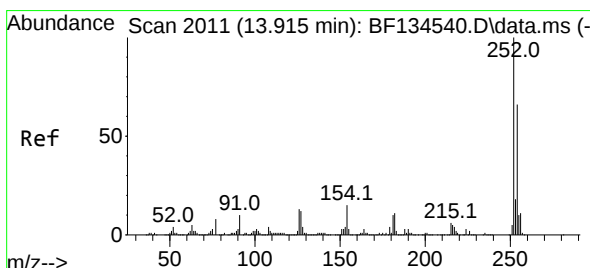
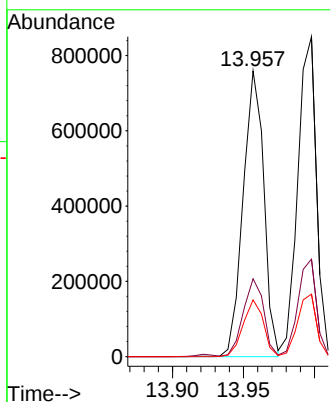
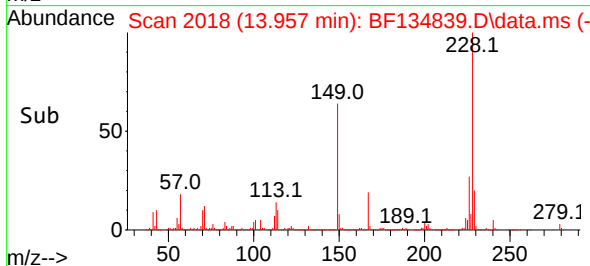


Tgt Ion:228 Resp: 770189
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.9 15.8 23.6

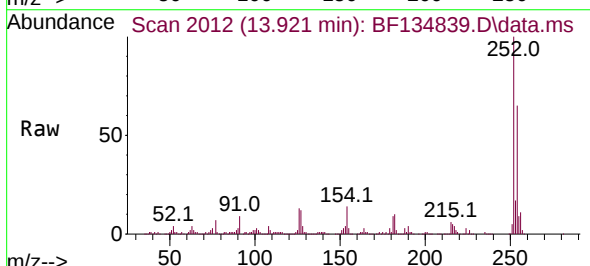
Manual Integrations

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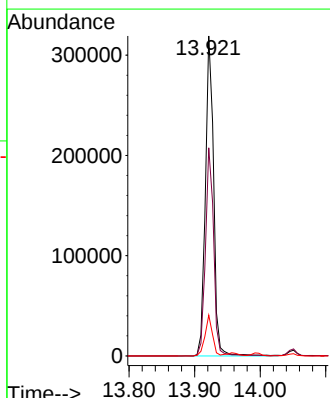
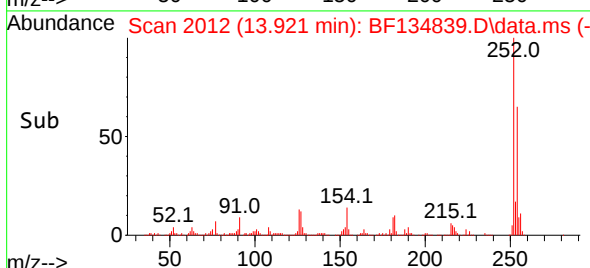
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

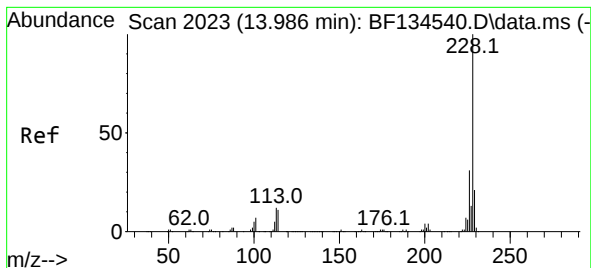


#82
3,3'-Dichlorobenzidine
Concen: 43.833 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:252 Resp: 275368
Ion Ratio Lower Upper
252 100
254 65.0 52.7 79.1
126 12.7 7.2 10.8





#83

Chrysene

Concen: 37.073 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

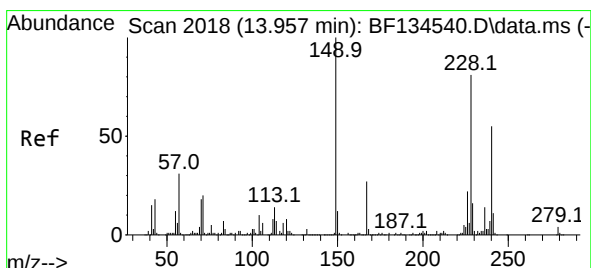
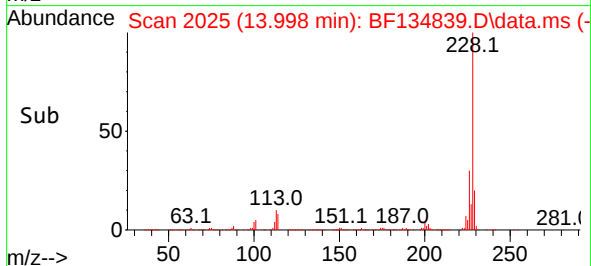
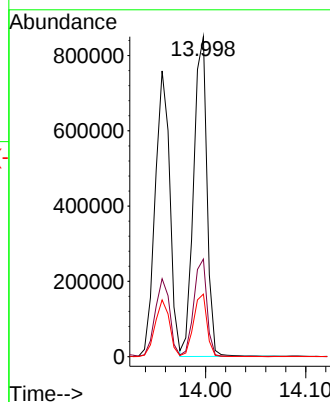
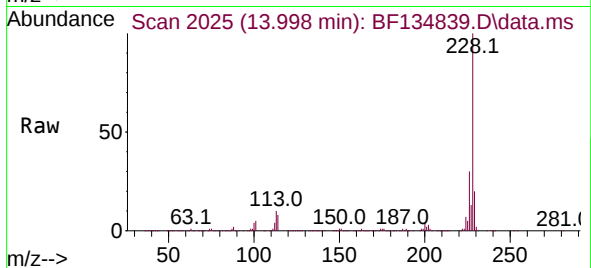
SSTDCCC040

Tgt Ion:228 Resp: 782804
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.5 36.7
 229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.579 ng

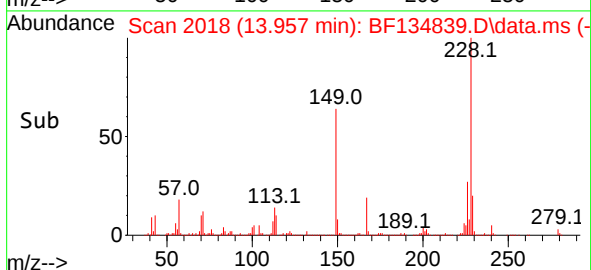
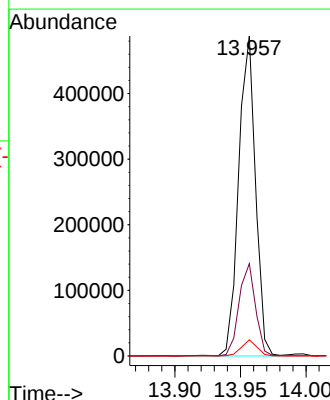
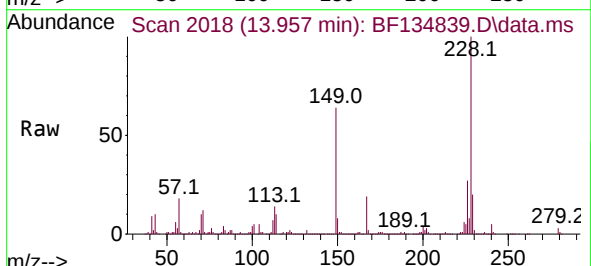
RT: 13.957 min Scan# 2018

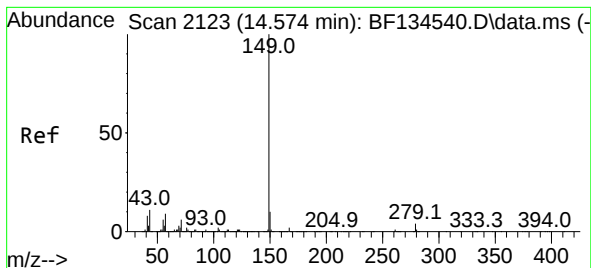
Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Tgt Ion:149 Resp: 433951
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.6 32.4
 279 5.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.854 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 838863

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

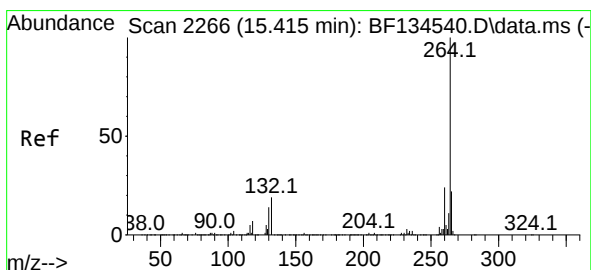
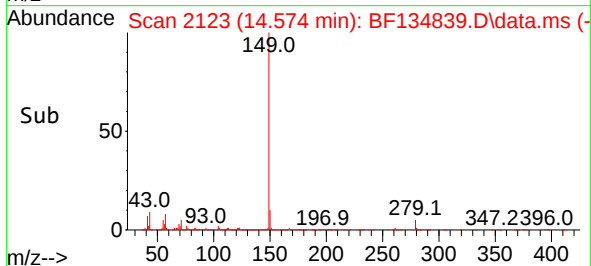
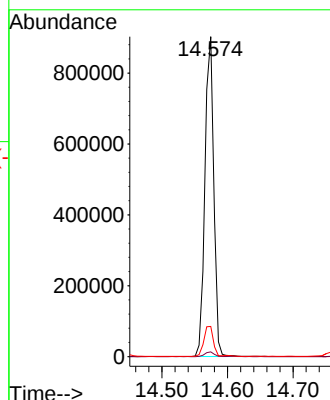
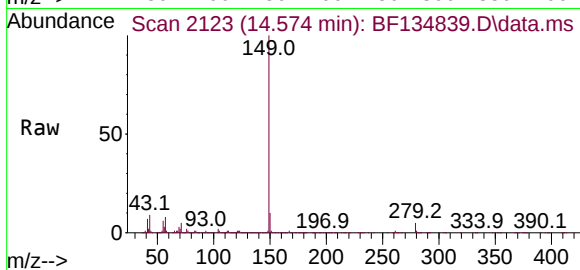
43 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2023

Supervised By :mohammad ahmed 08/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134839.D

Acq: 18 Aug 2023 14:25

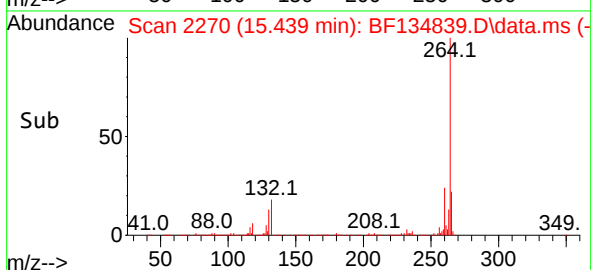
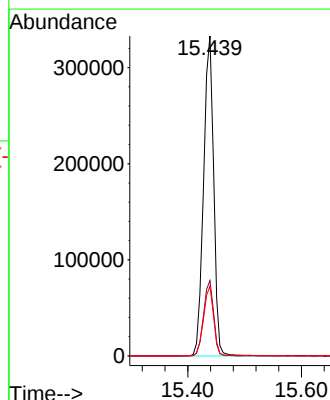
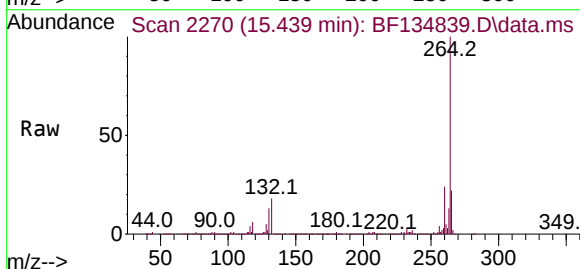
Tgt Ion:264 Resp: 410429

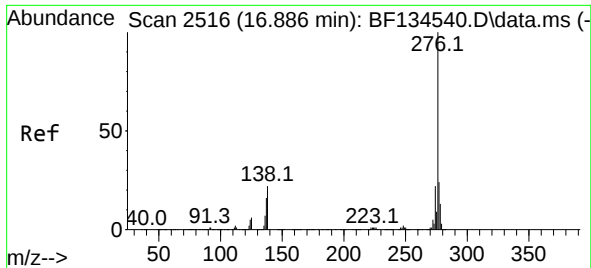
Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.8 15.8 23.8





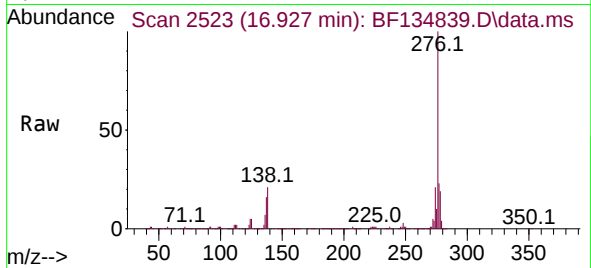
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.204 ng
RT: 16.927 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



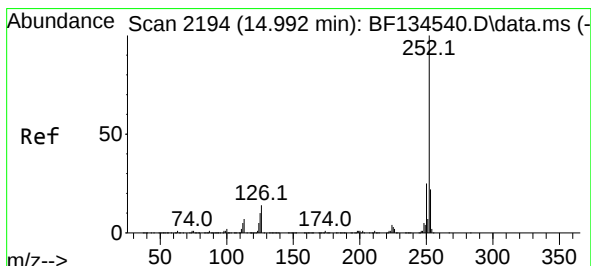
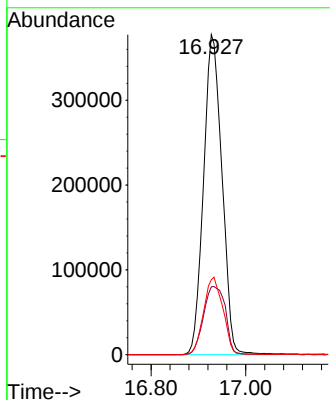
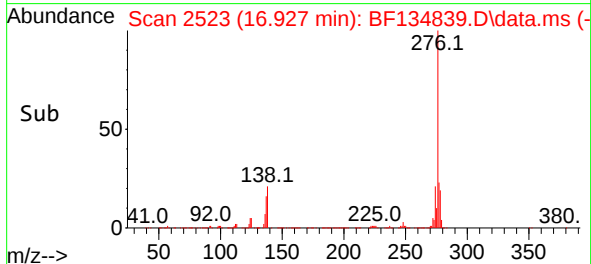
Tgt Ion:276 Resp: 1018744
Ion Ratio Lower Upper
276 100
138 25.4 14.2 21.4#
277 25.3 19.9 29.9

Manual Integrations

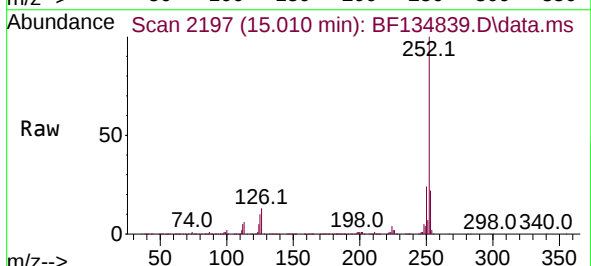
APPROVED

Reviewed By :Yogesh Patel 08/21/2023

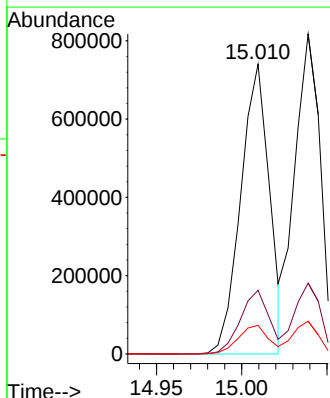
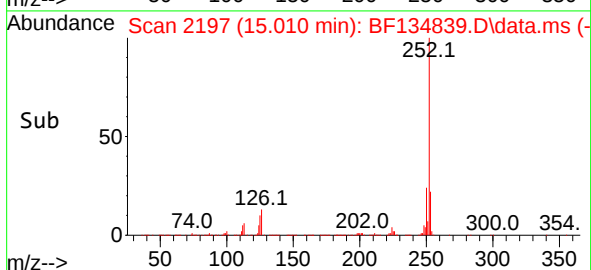
Supervised By :mohammad ahmed 08/21/2023

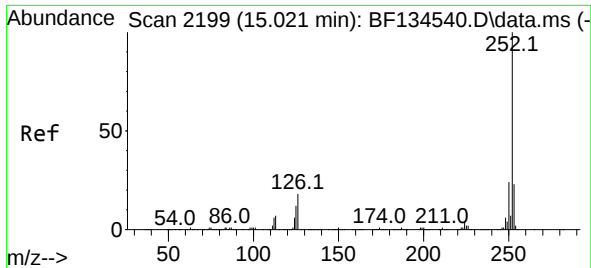


#88
Benzo(b)fluoranthene
Concen: 34.747 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25



Tgt Ion:252 Resp: 869782
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.9 6.0 9.0#





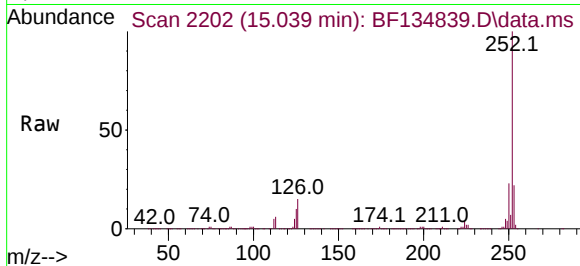
#89
Benzo(k)fluoranthene
Concen: 34.805 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

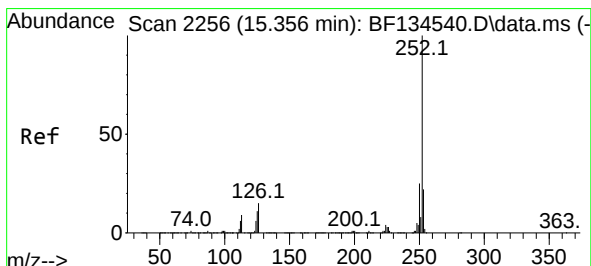
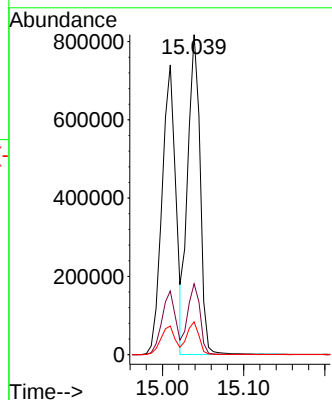
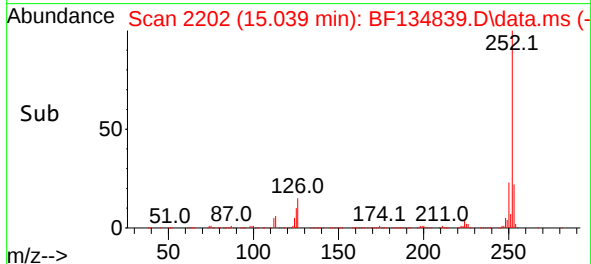


Tgt Ion:252 Resp: 86788
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.2 6.3 9.5

Manual Integrations

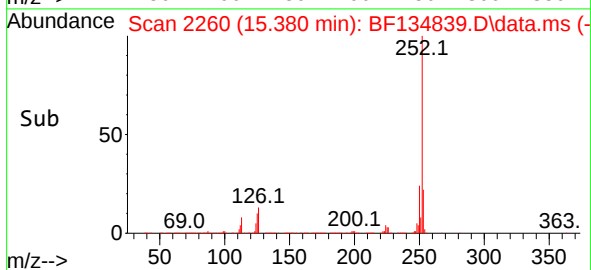
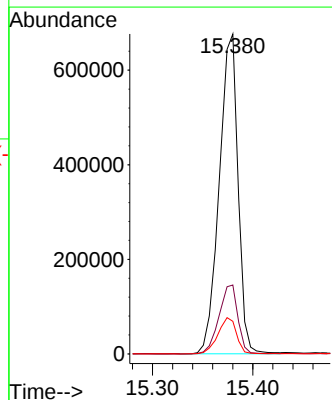
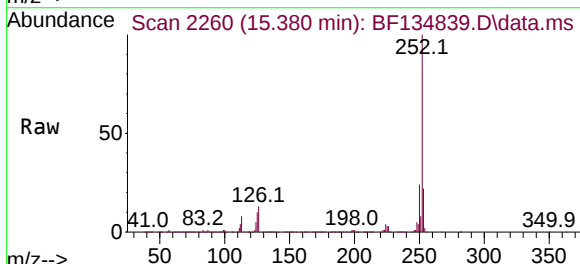
APPROVED

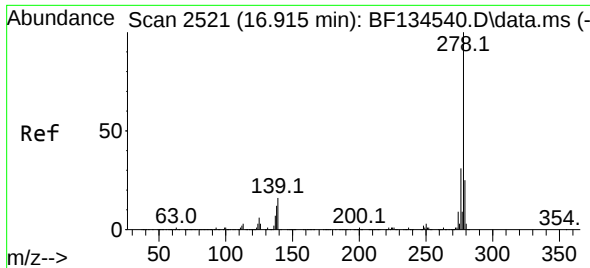
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#90
Benzo(a)pyrene
Concen: 37.814 ng
RT: 15.380 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:252 Resp: 882545
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.2 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 42.663 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Instrument :

BNA_F

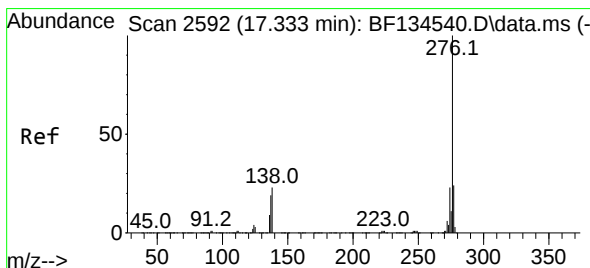
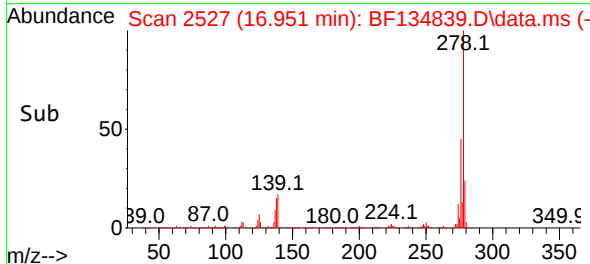
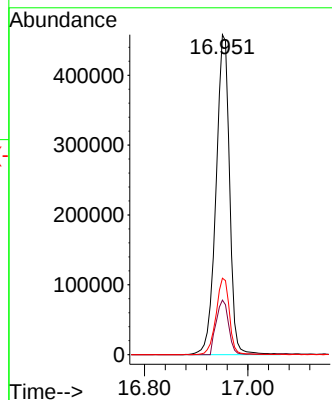
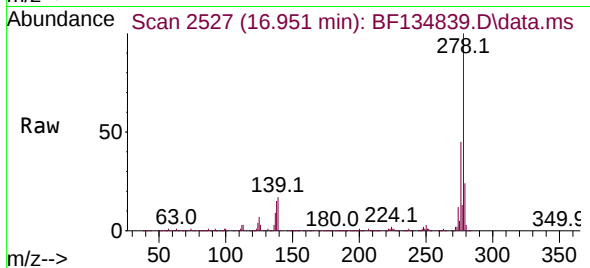
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 832244
Ion Ratio Lower Upper
278 100
139 17.0 10.0 15.0
279 23.9 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#92
Benzo(g,h,i)perylene
Concen: 40.050 ng
RT: 17.386 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF134839.D
Acq: 18 Aug 2023 14:25

Tgt Ion:276 Resp: 796947
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 21.3 12.2 18.2#

