

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135392.D
 Acq On : 22 Sep 2023 10:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 23 04:34:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	140011	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	551831	20.000	ng	# 0.00
39) Acenaphthene-d10	9.798	164	274346	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	501418	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	220654	20.000	ng	0.00
86) Perylene-d12	15.409	264	265098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	693290	80.536	ng	0.00
7) Phenol-d6	6.410	99	863111	78.851	ng	0.00
23) Nitrobenzene-d5	7.328	82	790462	77.823	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	180964	66.376	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1274223	70.074	ng	0.00
79) Terphenyl-d14	12.886	244	1064175	74.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.451	88	171131	45.348	ng	92
3) Pyridine	3.204	79	464125	45.697	ng	98
4) n-Nitrosodimethylamine	3.175	42	228745	42.441	ng	94
6) Aniline	6.428	93	560363	39.039	ng	# 82
8) 2-Chlorophenol	6.551	128	366750	39.910	ng	96
9) Benzaldehyde	6.316	77	251741	40.371	ng	99
10) Phenol	6.422	94	457813	38.142	ng	86
11) bis(2-Chloroethyl)ether	6.504	93	377611	41.941	ng	99
12) 1,3-Dichlorobenzene	6.698	146	369133	39.525	ng	98
13) 1,4-Dichlorobenzene	6.781	146	367746	38.703	ng	98
14) 1,2-Dichlorobenzene	6.928	146	334864	37.950	ng	99
15) Benzyl Alcohol	6.910	79	280671	35.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	675811	39.822	ng	93
17) 2-Methylphenol	7.022	107	326681	40.284	ng	99
18) Hexachloroethane	7.263	117	139484	39.730	ng	89
19) n-Nitroso-di-n-propyla...	7.181	70	239482	35.322	ng	96
20) 3+4-Methylphenols	7.181	107	364495	37.379	ng	# 80
22) Acetophenone	7.175	105	463206	36.715	ng	99
24) Nitrobenzene	7.345	77	402311	40.074	ng	100
25) Isophorone	7.586	82	723096	38.769	ng	99
26) 2-Nitrophenol	7.663	139	199878	41.483	ng	90
27) 2,4-Dimethylphenol	7.704	122	323812	39.982	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	451153	40.414	ng	99
29) 2,4-Dichlorophenol	7.904	162	295892	39.428	ng	99
30) 1,2,4-Trichlorobenzene	7.980	180	299427	38.172	ng	98
31) Naphthalene	8.063	128	1036436	38.656	ng	99
32) Benzoic acid	7.833	122	219639m	36.015	ng	
33) 4-Chloroaniline	8.116	127	458195	38.951	ng	99
34) Hexachlorobutadiene	8.175	225	173808	36.747	ng	99
35) Caprolactam	8.498	113	100537	39.916	ng	93
36) 4-Chloro-3-methylphenol	8.604	107	319498	38.305	ng	99
37) 2-Methylnaphthalene	8.751	142	672831	37.332	ng	97
38) 1-Methylnaphthalene	8.851	142	623405	36.945	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	302899	38.110	ng	99
41) Hexachlorocyclopentadiene	8.904	237	90378	30.809	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	197118	37.879	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	232834	38.852	ng	99
46) 1,1'-Biphenyl	9.222	154	801135	37.999	ng	99
47) 2-Chloronaphthalene	9.245	162	582294	38.066	ng	99
48) 2-Nitroaniline	9.351	65	240389	40.450	ng	95
49) Acenaphthylene	9.657	152	948224	37.299	ng	99
50) Dimethylphthalate	9.527	163	694506	37.443	ng	100
51) 2,6-Dinitrotoluene	9.592	165	156687	38.561	ng	91
52) Acenaphthene	9.833	154	572919	38.148	ng	98
53) 3-Nitroaniline	9.763	138	189750	39.782	ng	98
54) 2,4-Dinitrophenol	9.880	184	74846	36.160	ng	89
55) Dibenzofuran	10.004	168	819056	35.739	ng	98
56) 4-Nitrophenol	9.939	139	104530	34.482	ng	87
57) 2,4-Dinitrotoluene	9.998	165	179562	35.298	ng	87
58) Fluorene	10.351	166	638524	36.242	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	168657	36.585	ng	99
60) Diethylphthalate	10.227	149	690160	37.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	303419	35.852	ng	95
62) 4-Nitroaniline	10.380	138	182678	39.844	ng	95
63) Azobenzene	10.504	77	711765	39.068	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	103235	38.764	ng	87
66) n-Nitrosodiphenylamine	10.463	169	596696	39.307	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	195759	39.254	ng	98
68) Hexachlorobenzene	10.898	284	189009	37.202	ng	# 91
69) Atrazine	10.992	200	148496	36.355	ng	99
70) Pentachlorophenol	11.098	266	106883	35.162	ng	98
71) Phenanthrene	11.316	178	913551	38.522	ng	99
72) Anthracene	11.368	178	938856	38.515	ng	99
73) Carbazole	11.527	167	868238	39.127	ng	99
74) Di-n-butylphthalate	11.857	149	990910	37.896	ng	99
75) Fluoranthene	12.510	202	895025	36.220	ng	99
77) Benzidine	12.633	184	191060	42.265	ng	99
78) Pyrene	12.739	202	880224	41.900	ng	100
80) Butylbenzylphthalate	13.362	149	300884	40.679	ng	96
81) Benzo(a)anthracene	13.933	228	554923	38.947	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	195637	43.959	ng	# 98
83) Chrysene	13.974	228	555806	39.235	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	326210	42.978	ng	98
85) Di-n-octyl phthalate	14.545	149	537965	44.599	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	702566	40.420	ng	96
88) Benzo(b)fluoranthene	14.986	252	509209m	35.483	ng	
89) Benzo(k)fluoranthene	15.015	252	518873	36.602	ng	98
90) Benzo(a)pyrene	15.351	252	531453	38.834	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	560565	39.416	ng	99
92) Benzo(g,h,i)perylene	17.350	276	602902	40.592	ng	97

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

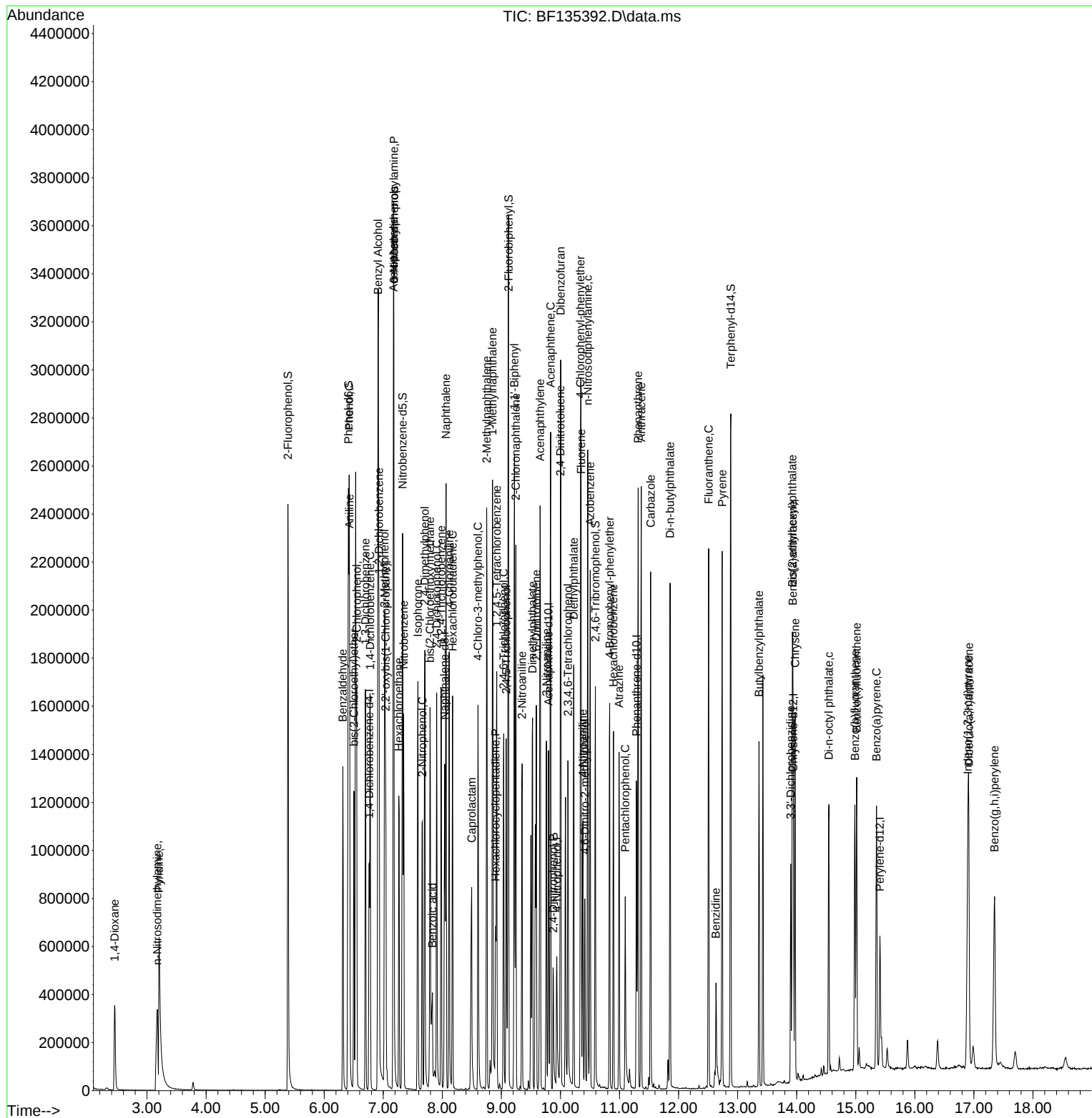
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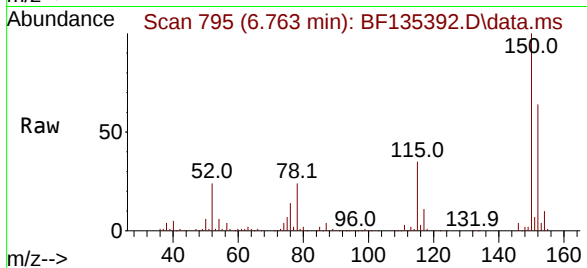
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

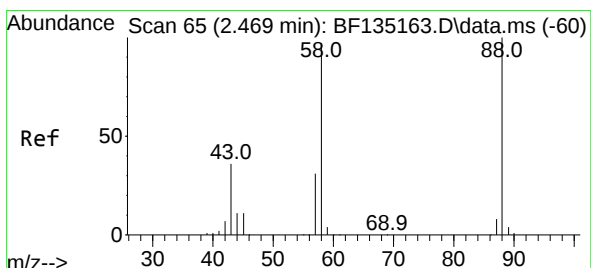
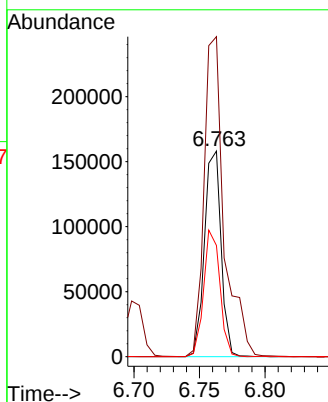
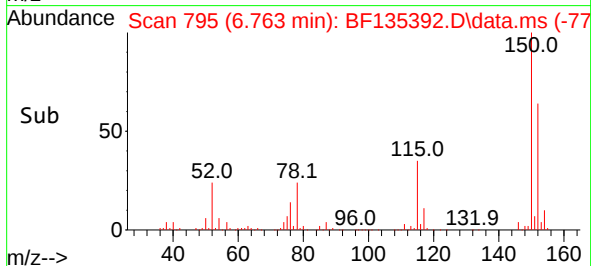
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:152 Resp: 14001
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.8 191.6
 115 54.1 49.8 74.8

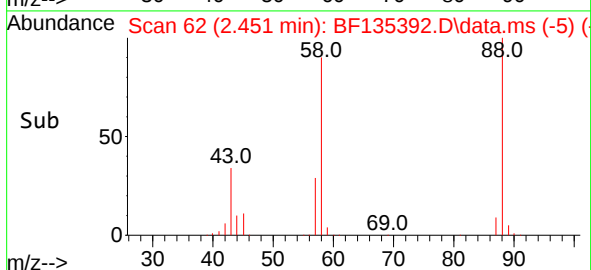
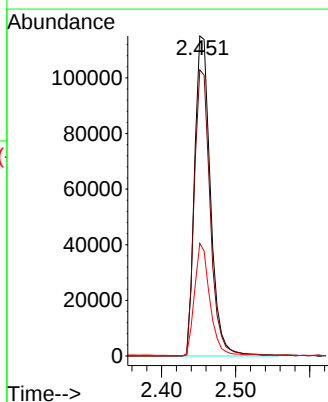
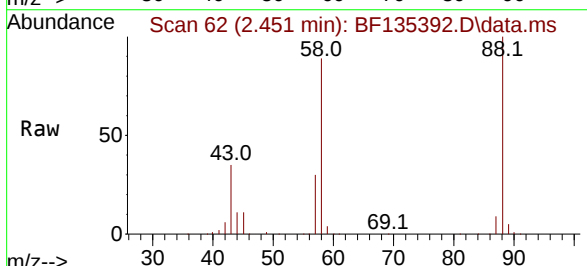
Manual Integrations
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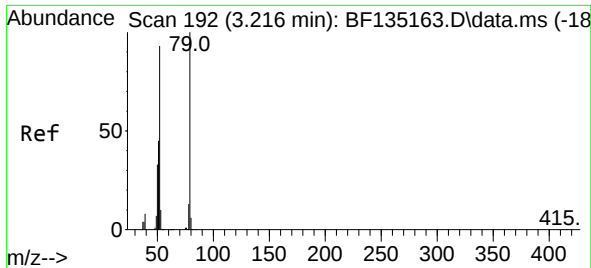
Reviewed By :Yogesh Patel 09/25/2023
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#2
 1,4-Dioxane
 Concen: 45.348 ng
 RT: 2.451 min Scan# 62
 Delta R.T. -0.018 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

Tgt Ion: 88 Resp: 171131
 Ion Ratio Lower Upper
 88 100
 58 89.4 78.3 117.5
 43 33.5 29.4 44.0





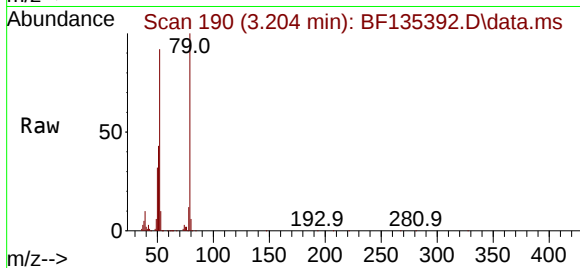
#3
 Pyridine
 Concen: 45.697 ng
 RT: 3.204 min Scan# 192
 Delta R.T. -0.012 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

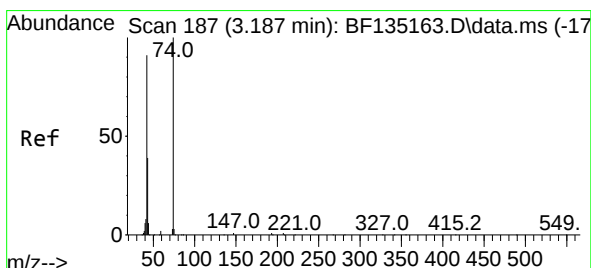
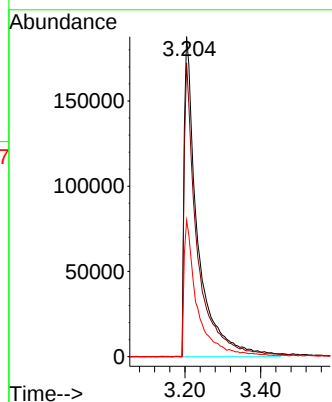
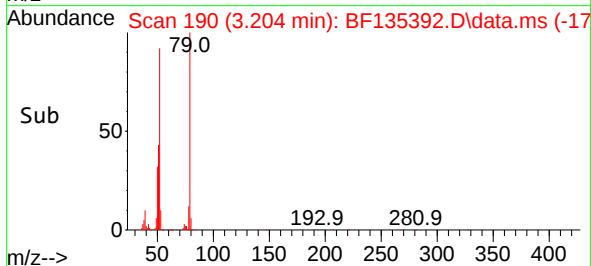


Tgt Ion: 79 Resp: 464125
 Ion Ratio Lower Upper
 79 100
 52 91.8 74.1 111.1
 51 42.6 35.8 53.8

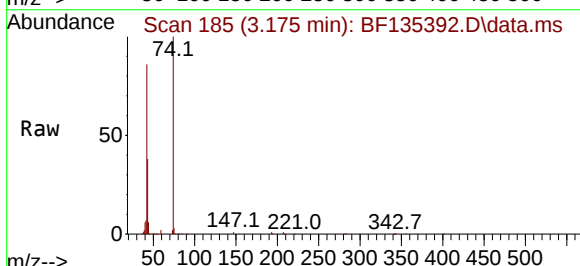
Manual Integrations

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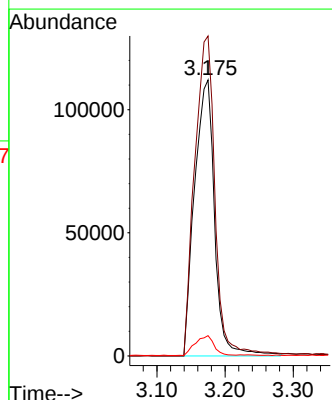
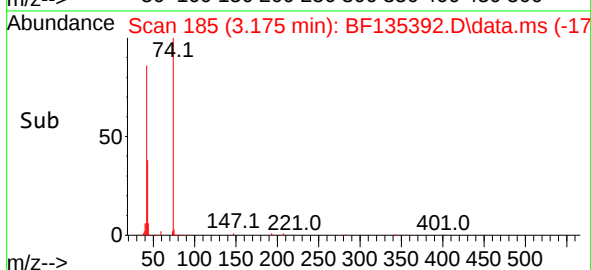
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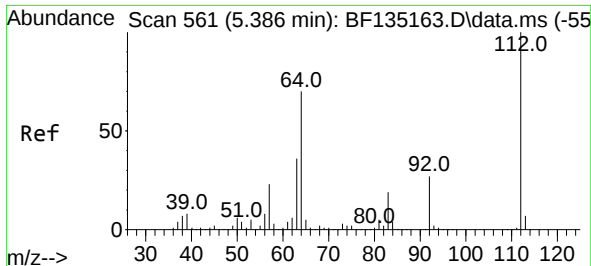


#4
 n-Nitrosodimethylamine
 Concen: 42.441 ng
 RT: 3.175 min Scan# 185
 Delta R.T. -0.012 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29



Tgt Ion: 42 Resp: 228745
 Ion Ratio Lower Upper
 42 100
 74 115.9 87.7 131.5
 44 7.4 5.6 8.4





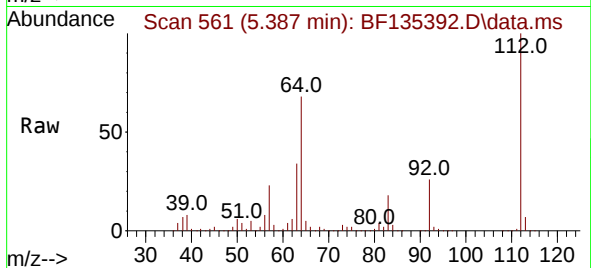
#5
2-Fluorophenol
Concen: 80.536 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

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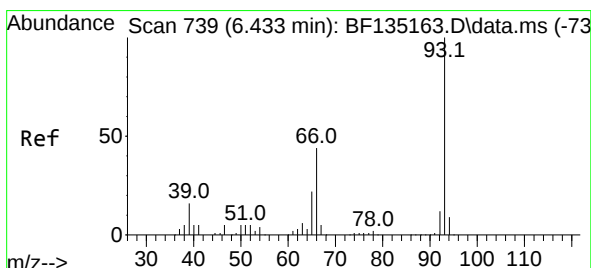
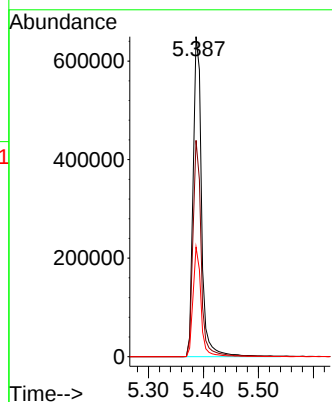
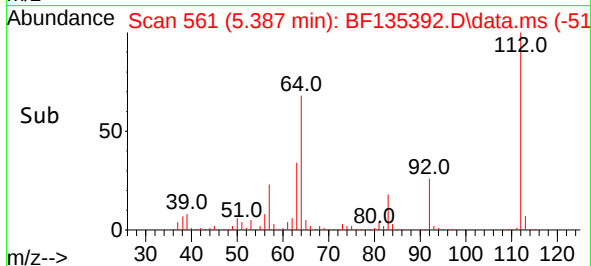


Tgt Ion:112 Resp: 693290
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 34.2 29.0 43.6

Manual Integrations

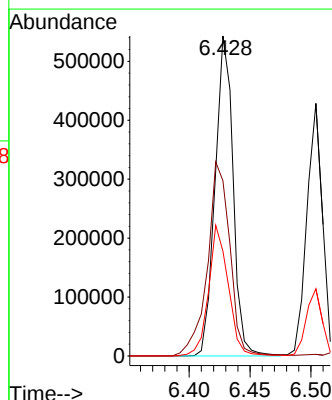
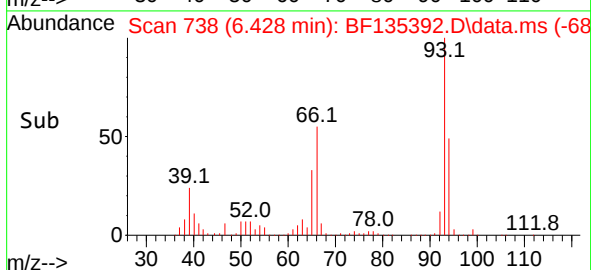
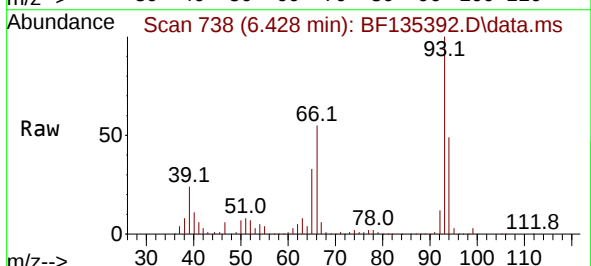
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#6
Aniline
Concen: 39.039 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135392.D
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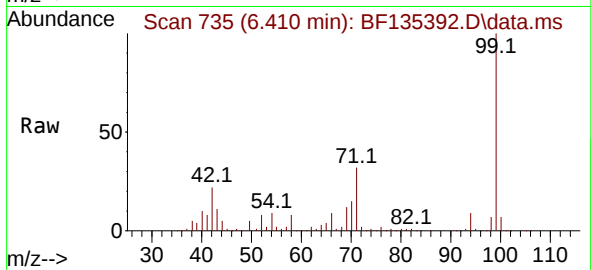
Tgt Ion: 93 Resp: 560363
Ion Ratio Lower Upper
93 100
66 54.8 35.4 53.0#
65 32.7 17.8 26.8#





#7
Phenol-d6
Concen: 78.851 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

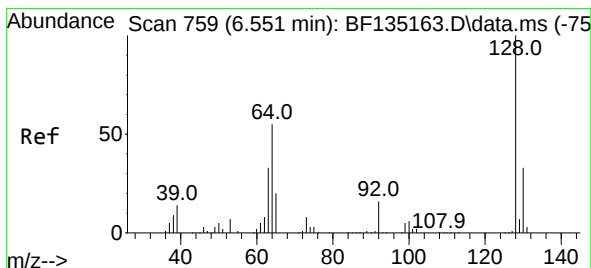
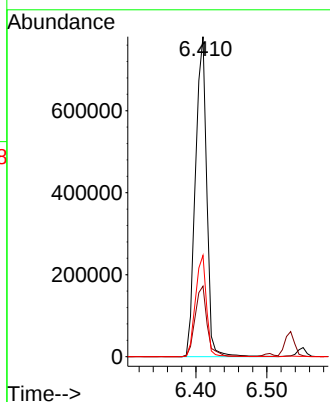
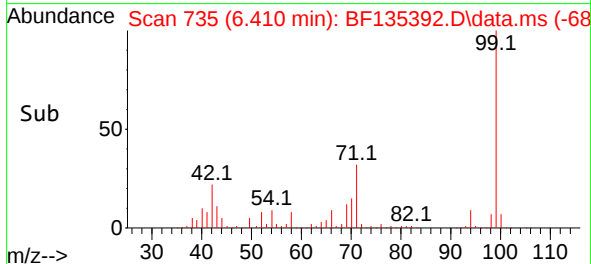
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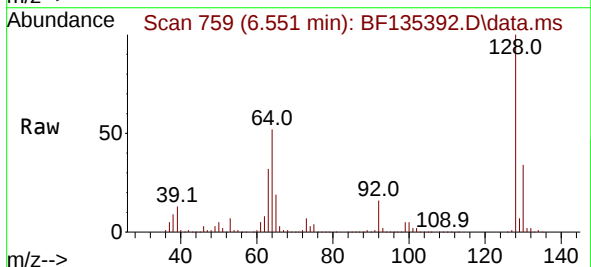
Tgt Ion: 99 Resp: 86311
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.6 27.0 40.6

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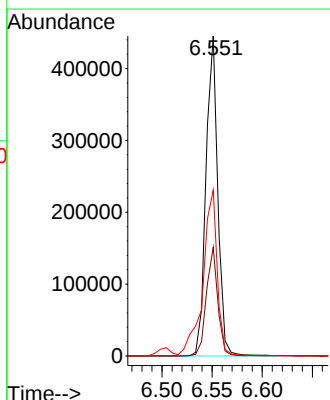
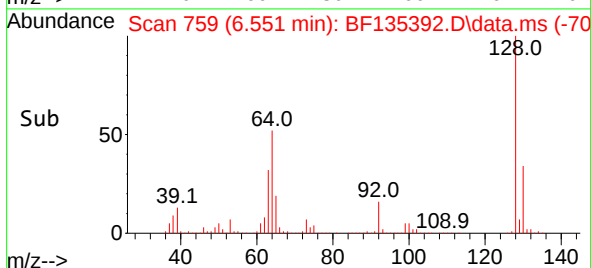
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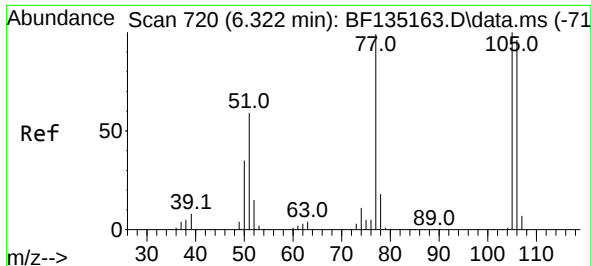


#8
2-Chlorophenol
Concen: 39.910 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135392.D
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Tgt Ion:128 Resp: 366750
Ion Ratio Lower Upper
128 100
130 34.0 12.7 52.7
64 51.8 35.9 75.9





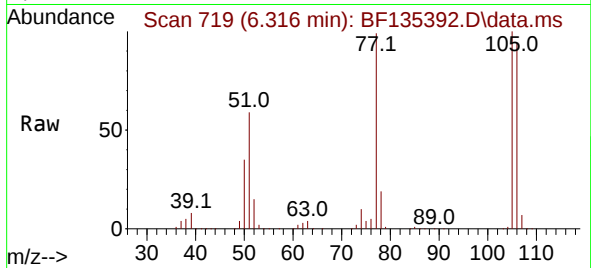
#9
Benzaldehyde
Concen: 40.371 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135392.D
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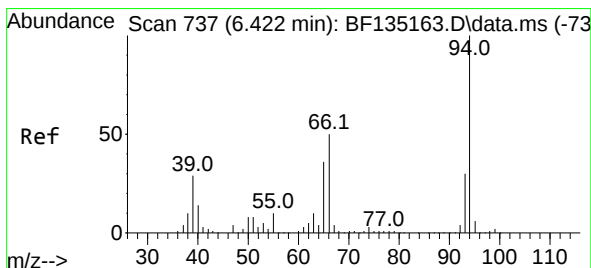
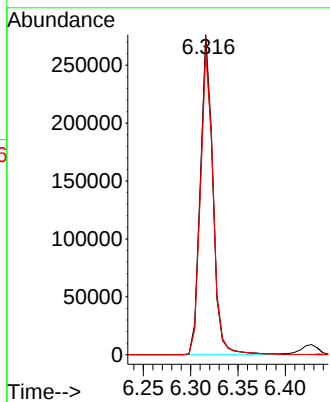
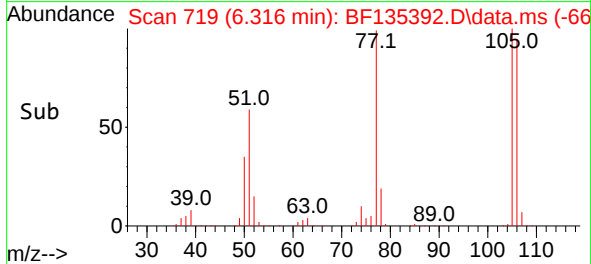


Tgt Ion: 77 Resp: 25174
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 94.7 76.9 116.9

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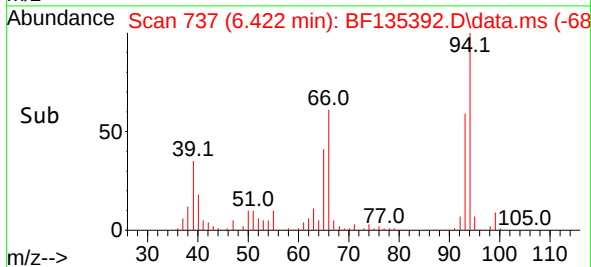
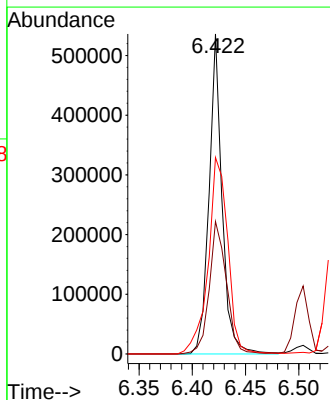
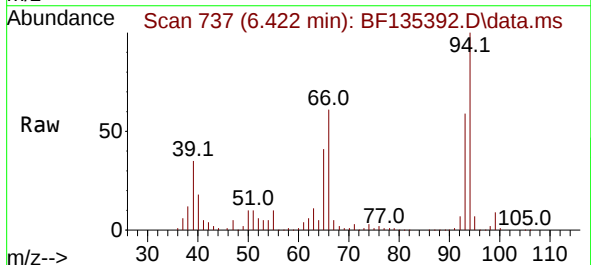
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Supervised By :mohammad ahmed 09/27/2023



#10
Phenol
Concen: 38.142 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion: 94 Resp: 457813
Ion Ratio Lower Upper
94 100
65 41.4 15.9 55.9
66 61.4 29.8 69.8





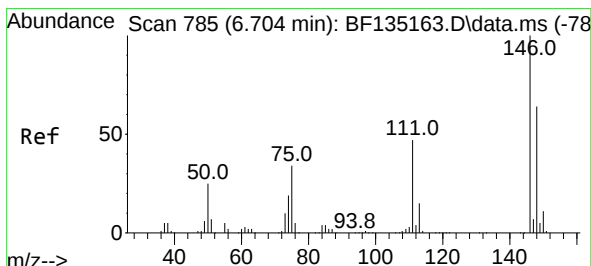
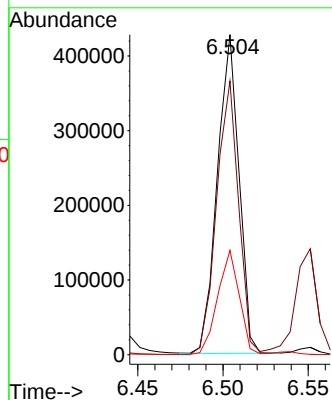
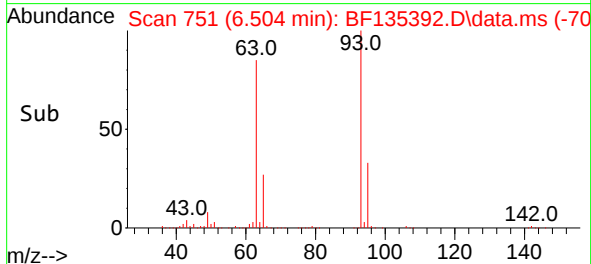
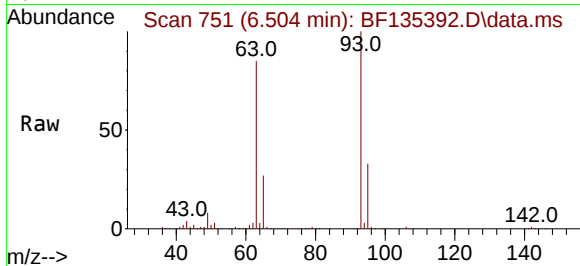
#11
bis(2-Chloroethyl)ether
Concen: 41.941 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 37761
Ion Ratio Lower Upper
93 100
63 85.5 67.3 107.3
95 32.6 12.7 52.7

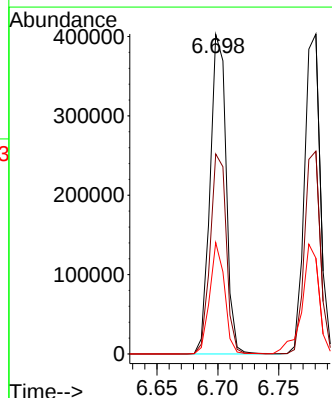
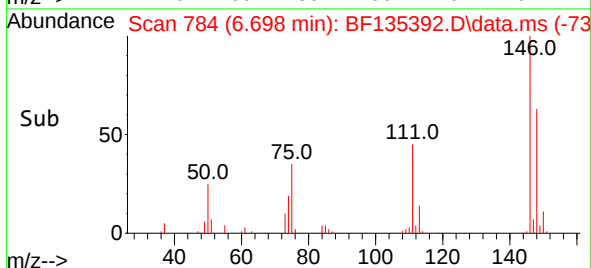
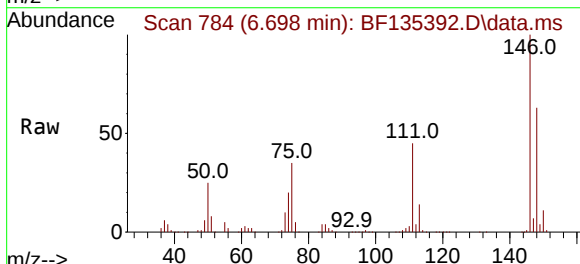
Manual Integrations
APPROVED

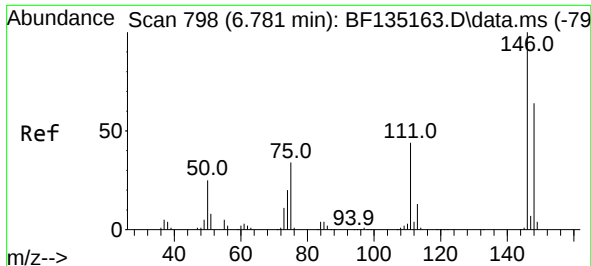
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#12
1,3-Dichlorobenzene
Concen: 39.525 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:146 Resp: 369133
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 34.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 38.703 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 367740

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

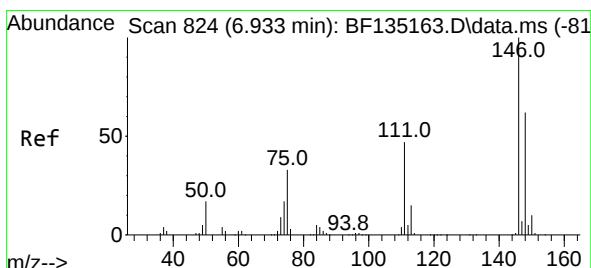
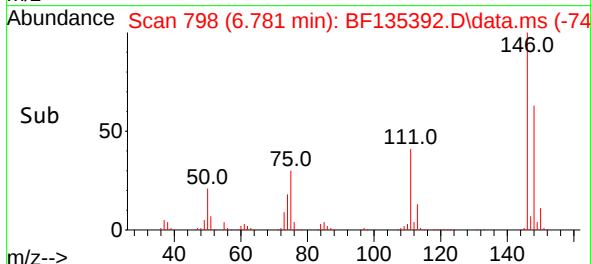
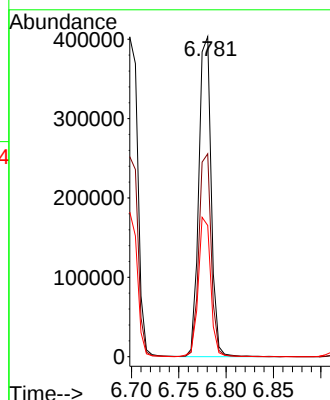
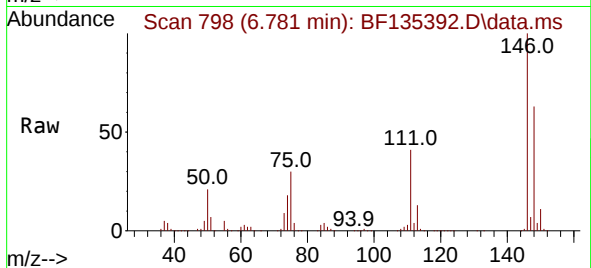
111 41.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#14

1,2-Dichlorobenzene

Concen: 37.950 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

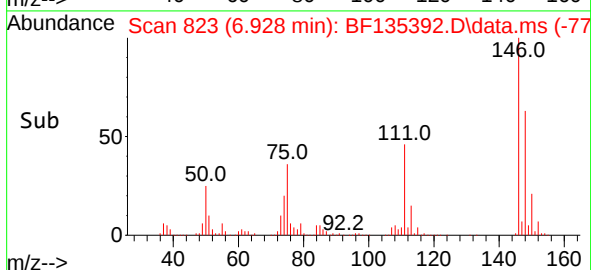
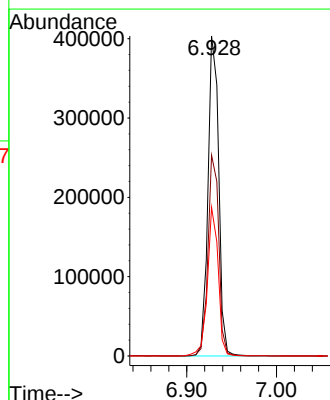
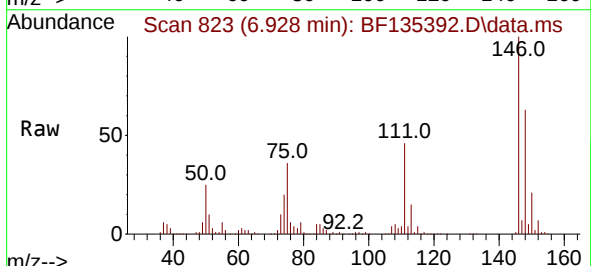
Tgt Ion:146 Resp: 334864

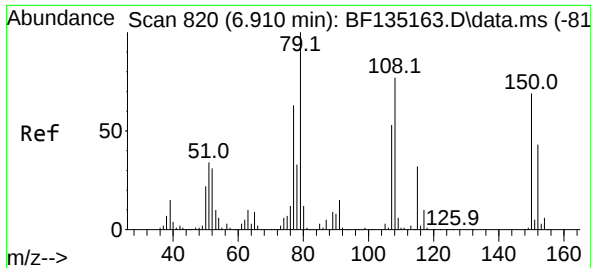
Ion Ratio Lower Upper

146 100

148 62.7 49.7 74.5

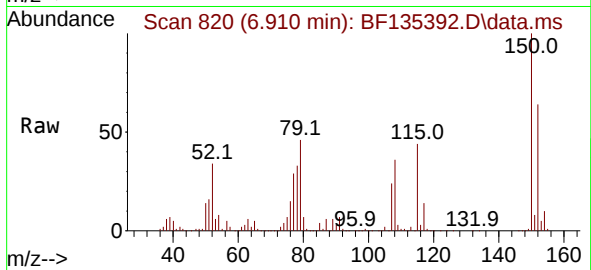
111 46.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 35.733 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

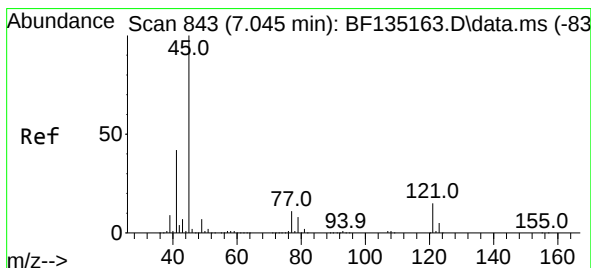
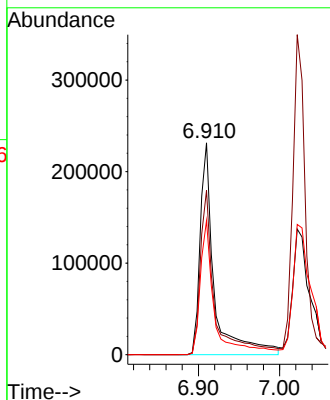
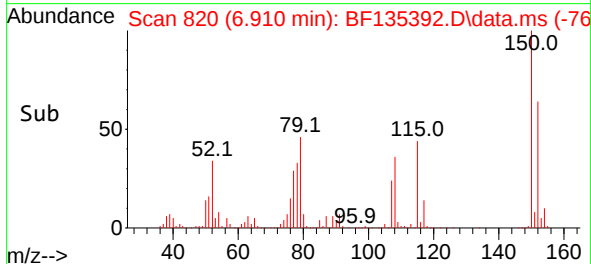
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 28067
Ion Ratio Lower Upper
79 100
108 77.6 61.2 91.8
77 63.3 50.5 75.7

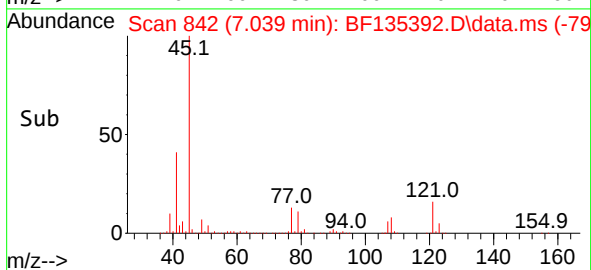
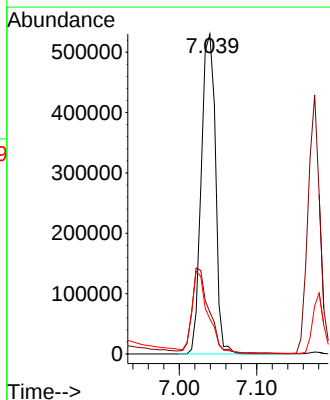
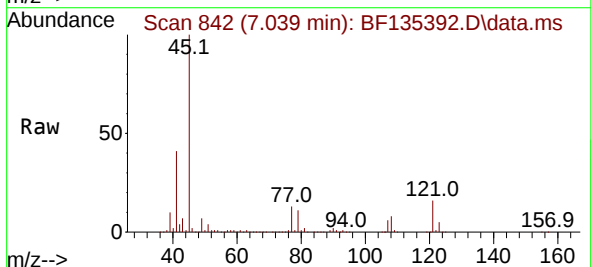
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APPROVED

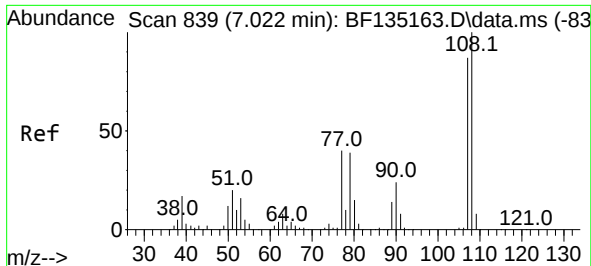
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.822 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion: 45 Resp: 675811
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.6
79 11.0 0.0 28.3





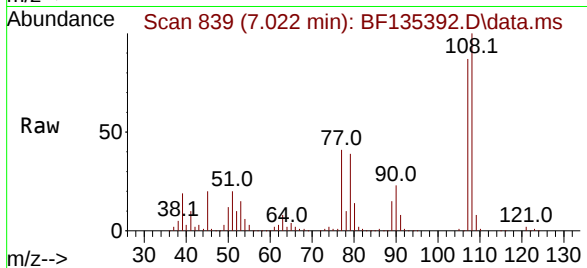
#17
2-Methylphenol
Concen: 40.284 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

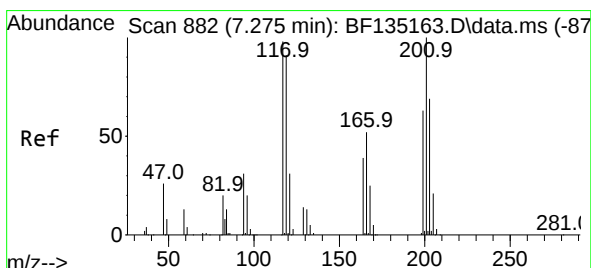
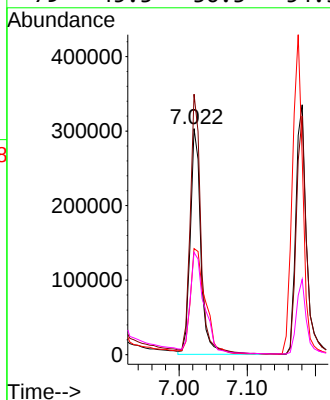
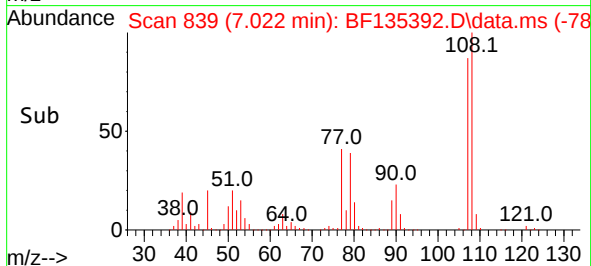


Tgt Ion:107 Resp: 32668
Ion Ratio Lower Upper
107 100
108 115.2 92.0 138.0
77 46.9 36.7 55.1
79 45.3 36.3 54.5

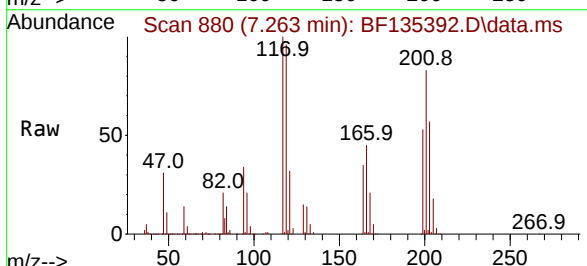
Manual Integrations

APPROVED

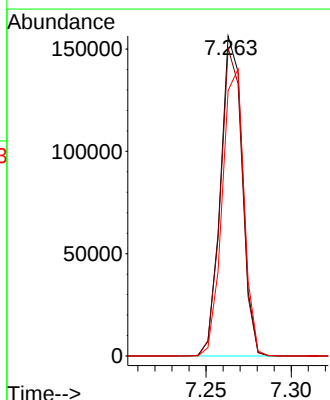
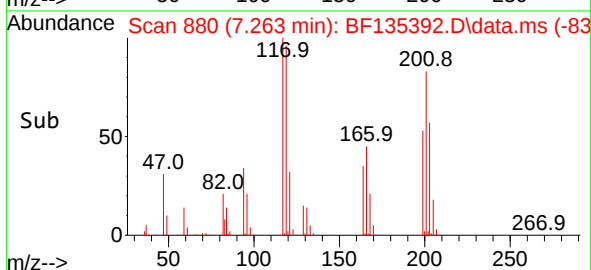
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#18
Hexachloroethane
Concen: 39.730 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



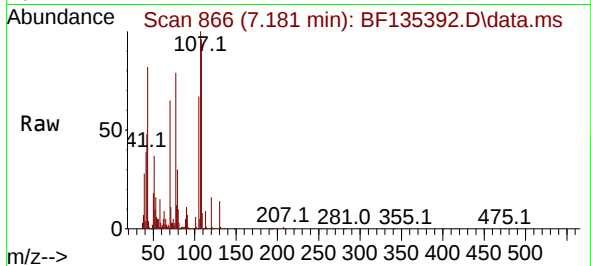
Tgt Ion:117 Resp: 139484
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
201 83.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 35.322 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

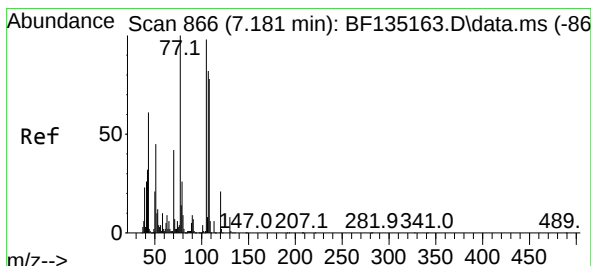
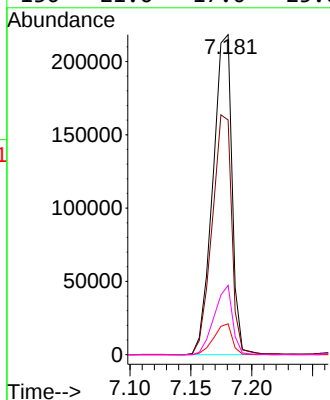
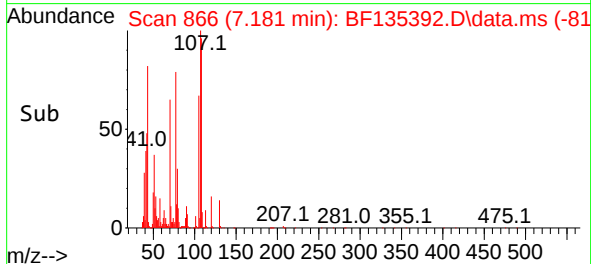
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 23948
Ion Ratio Lower Upper
70 100
42 73.4 55.4 83.0
101 9.7 7.7 11.5
130 21.6 17.0 25.6

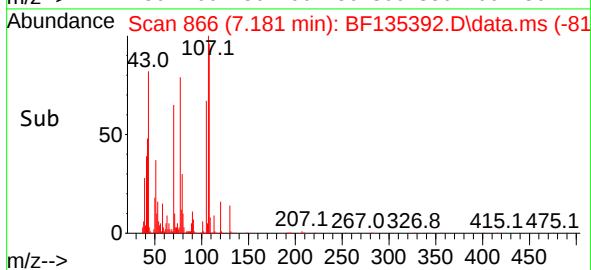
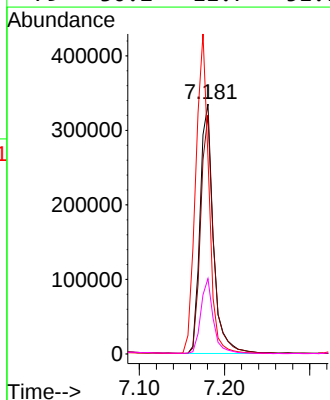
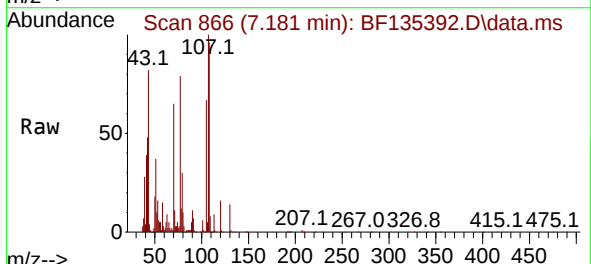
Manual Integrations
APPROVED

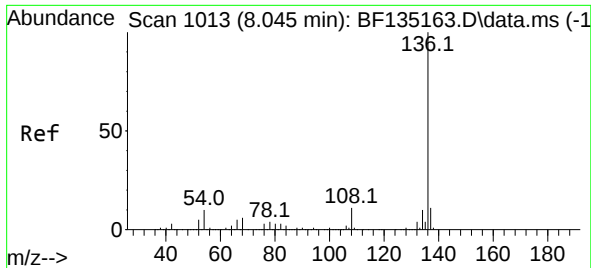
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#20
3+4-Methylphenols
Concen: 37.379 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:107 Resp: 364495
Ion Ratio Lower Upper
107 100
108 95.5 74.7 114.7
77 78.8 102.0 142.0#
79 30.2 11.7 51.7





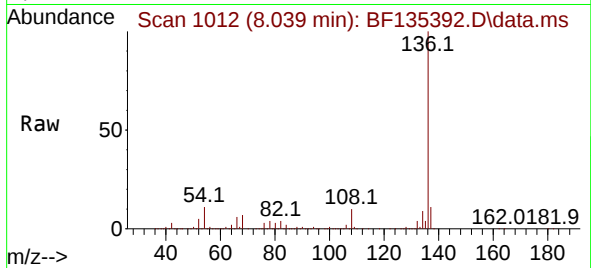
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

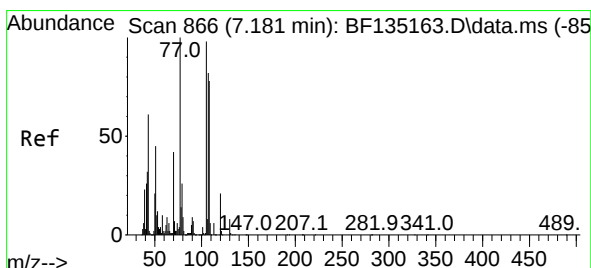
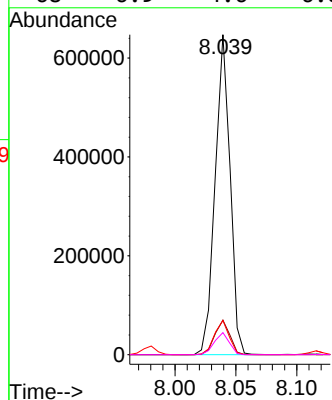
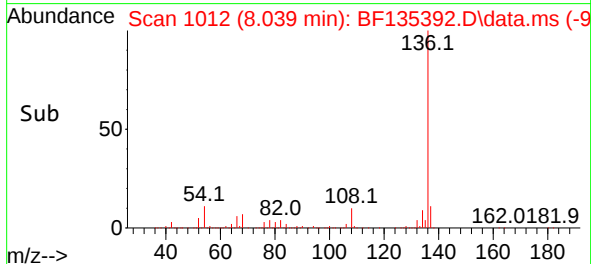


Tgt Ion:136 Resp: 55183
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.7 7.7 11.5
68 6.9 4.6 6.8#

Manual Integrations

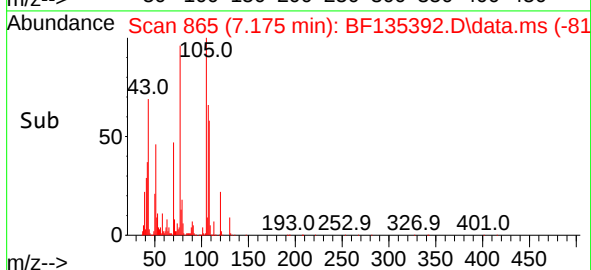
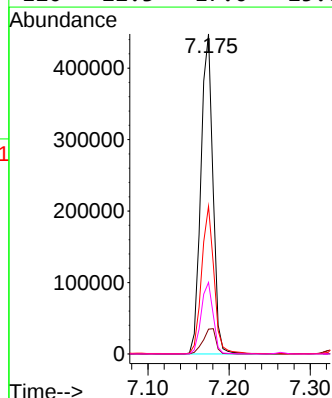
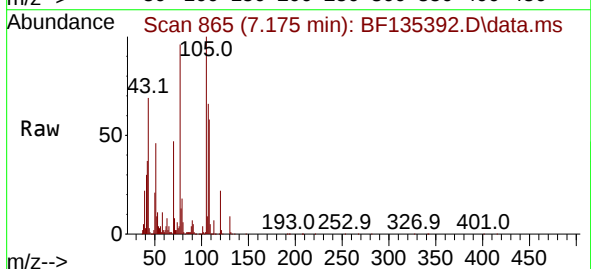
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#22
Acetophenone
Concen: 36.715 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:105 Resp: 463206
Ion Ratio Lower Upper
105 100
71 7.8 5.8 8.6
51 46.2 37.0 55.4
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.823 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 790462

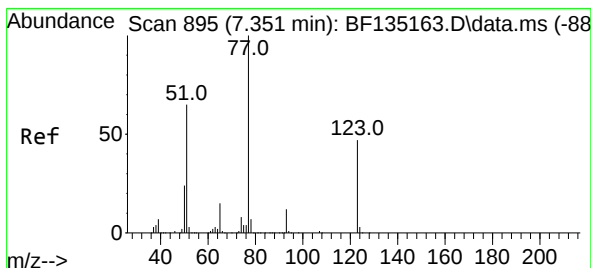
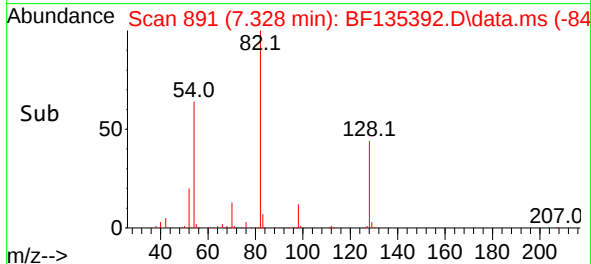
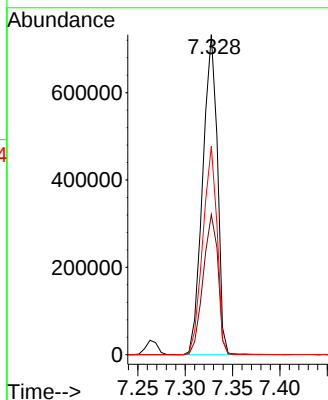
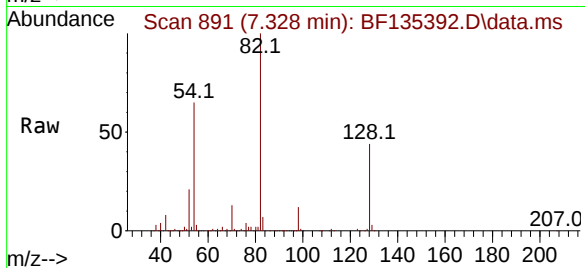
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.6
54	65.1	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#24

Nitrobenzene

Concen: 40.074 ng

RT: 7.345 min Scan# 894

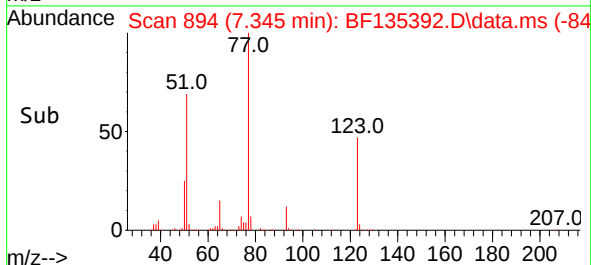
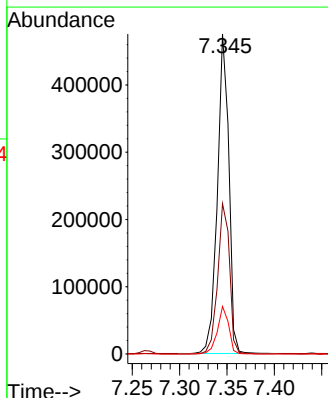
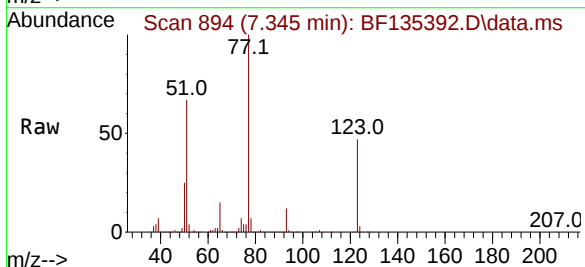
Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion: 77 Resp: 402311

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	14.8	12.2	18.4





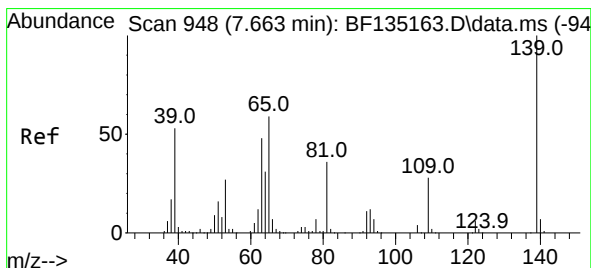
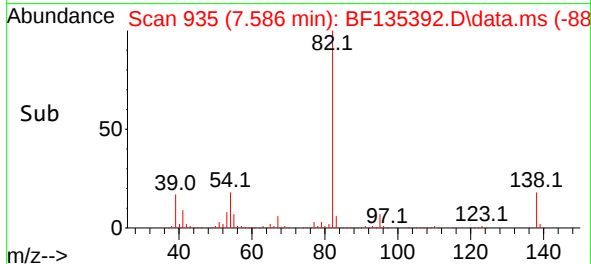
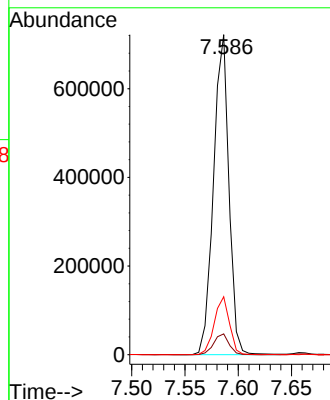
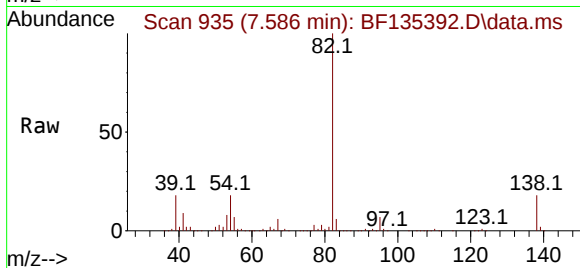
#25
Isophorone
Concen: 38.769 ng
RT: 7.586 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 723090
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 18.1 14.5 21.7

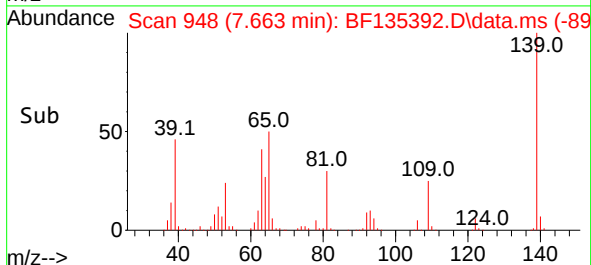
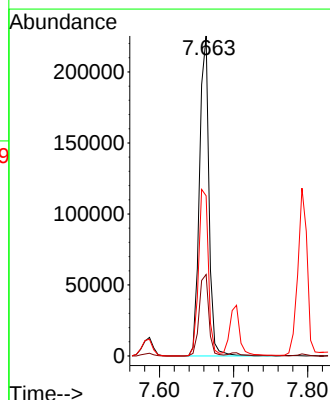
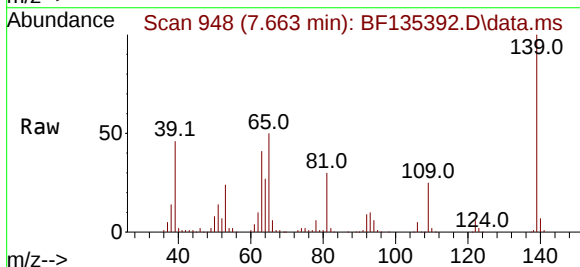
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#26
2-Nitrophenol
Concen: 41.483 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:139 Resp: 199878
Ion Ratio Lower Upper
139 100
109 25.5 22.6 33.8
65 50.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.982 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135392.D

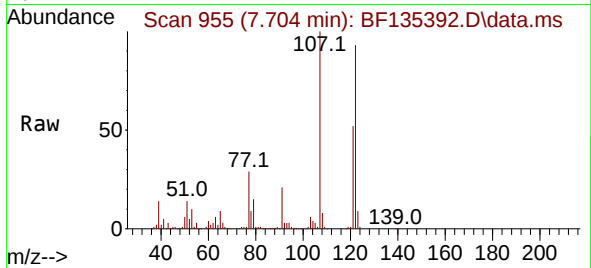
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



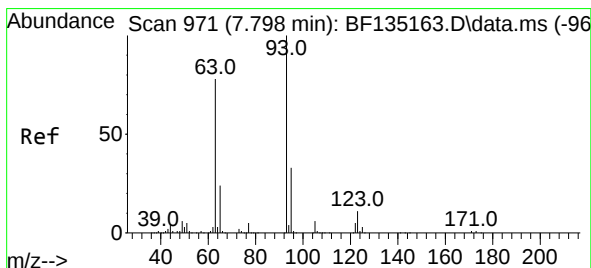
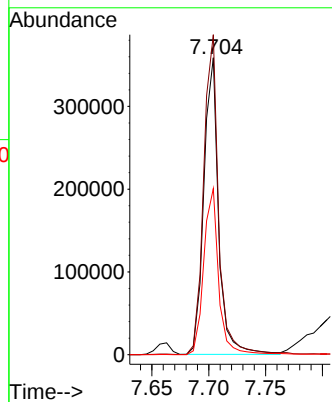
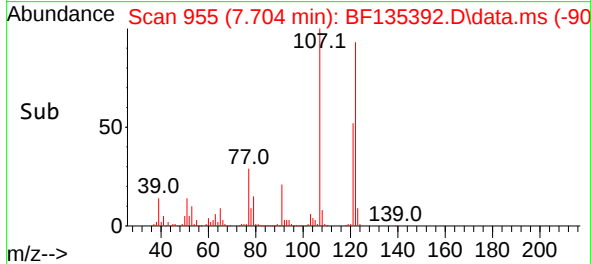
Tgt Ion:	122	Resp:	32381
Ion Ratio	Lower	Upper	
122	100		
107	107.7	90.2	135.4
121	55.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.414 ng

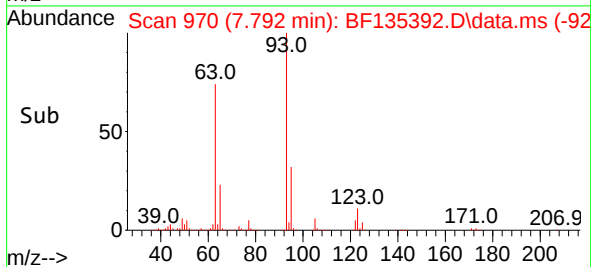
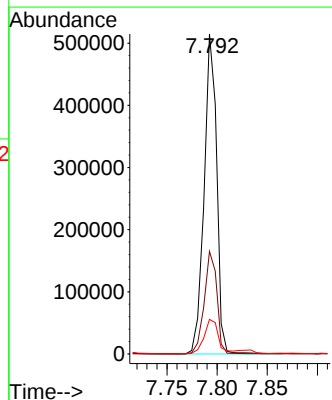
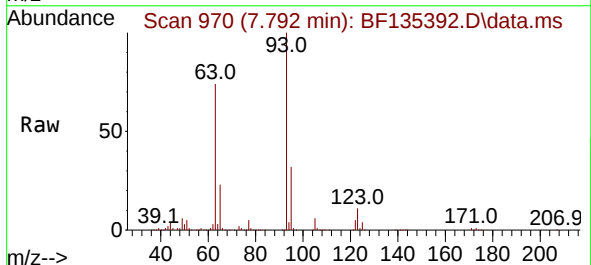
RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion:	93	Resp:	451153
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.2	39.2
123	10.8	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 39.428 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135392.D

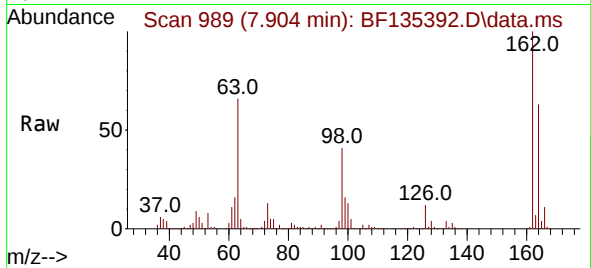
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



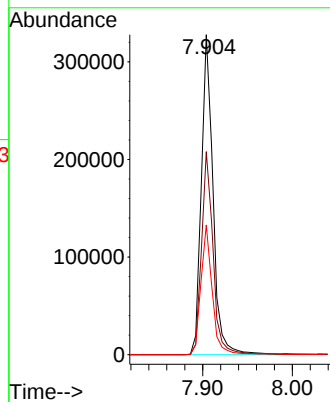
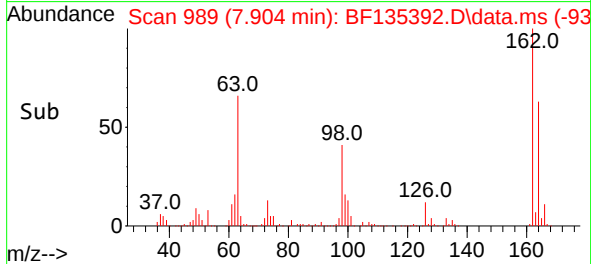
Tgt Ion:	162	Resp:	295892
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.1	84.1
98	40.5	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#30

1,2,4-Trichlorobenzene

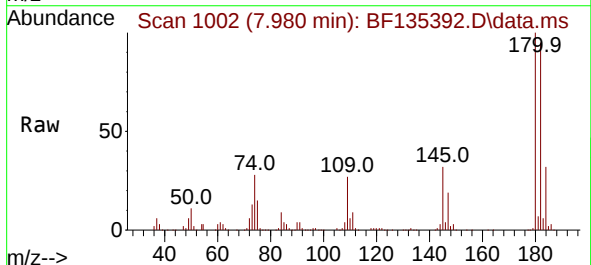
Concen: 38.172 ng

RT: 7.980 min Scan# 1002

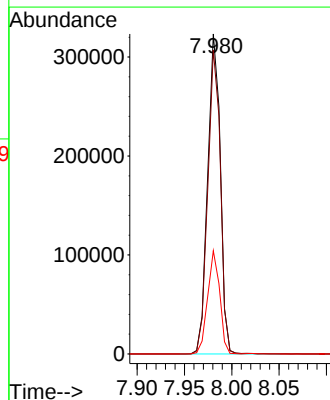
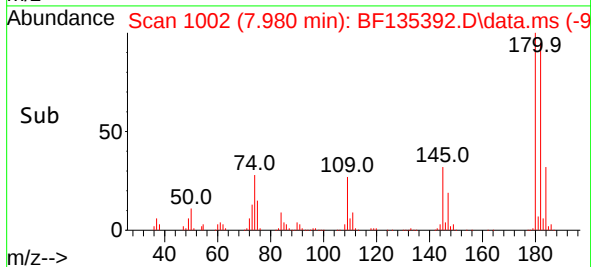
Delta R.T. -0.006 min

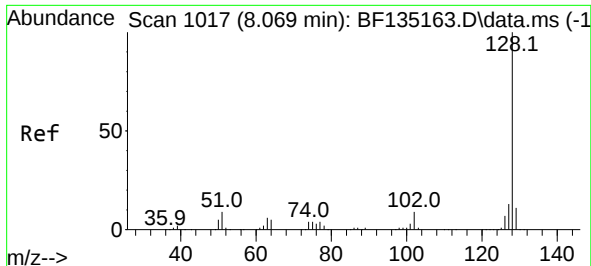
Lab File: BF135392.D

Acq: 22 Sep 2023 10:29



Tgt Ion:	180	Resp:	299427
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.9	115.3
145	32.2	24.5	36.7





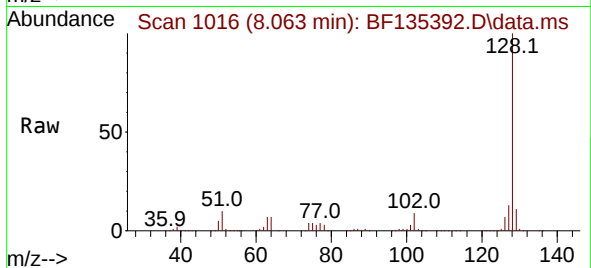
#31
Naphthalene
Concen: 38.656 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



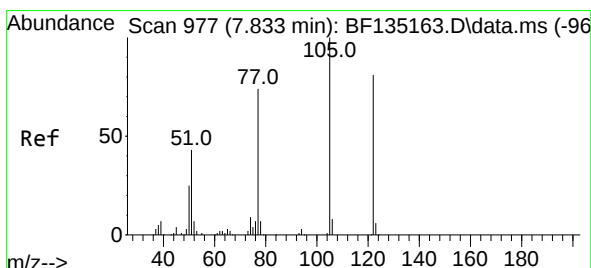
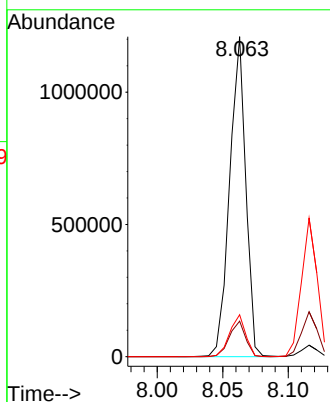
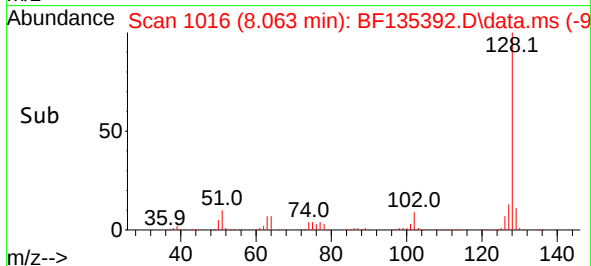
Tgt Ion:128 Resp: 1036430
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.7 16.1

Manual Integrations

APPROVED

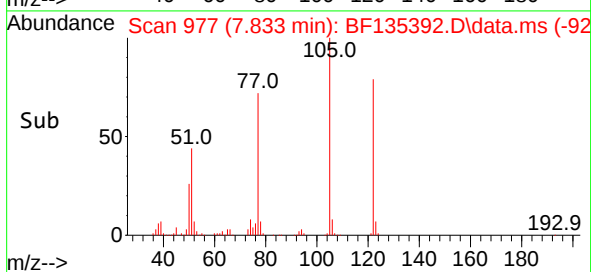
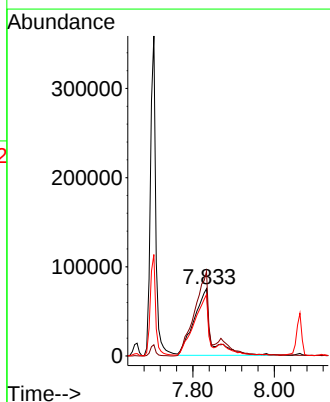
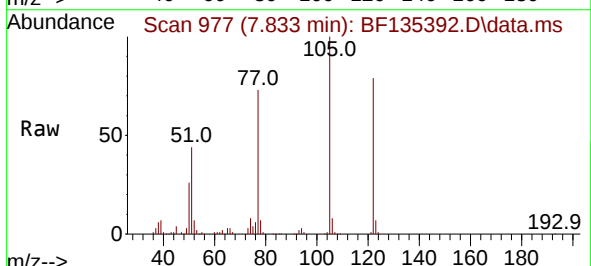
Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#32
Benzoic acid
Concen: 36.015 ng m
RT: 7.833 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:122 Resp: 219639
Ion Ratio Lower Upper
122 100
105 125.8 99.9 139.9
77 91.4 70.0 110.0





#33
4-Chloroaniline
Concen: 38.951 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

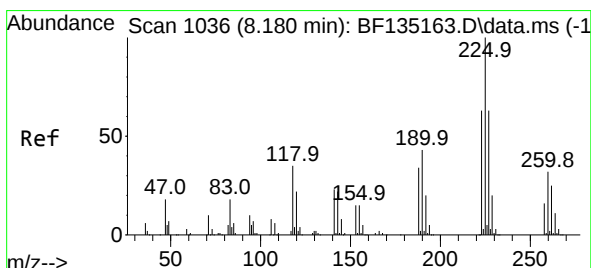
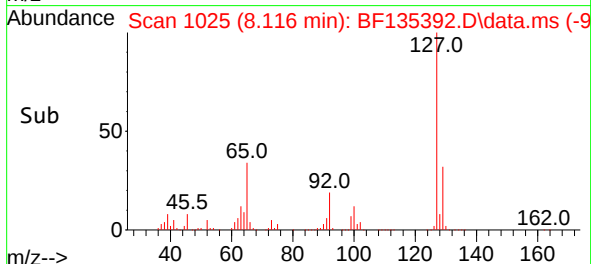
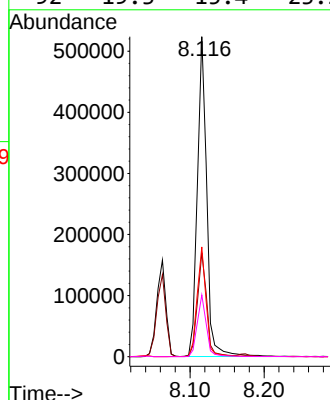
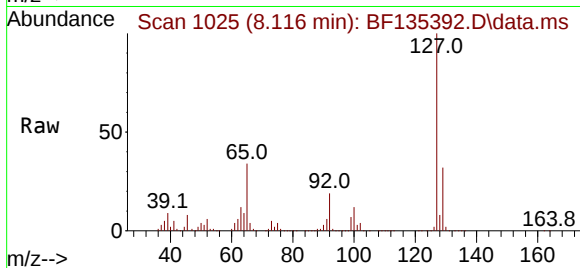
SSTDCCC040

Tgt Ion:127 Resp: 45819
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8
65 34.3 26.6 39.8
92 19.3 15.4 23.2

Manual Integrations

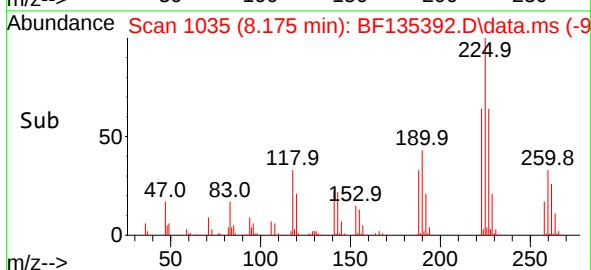
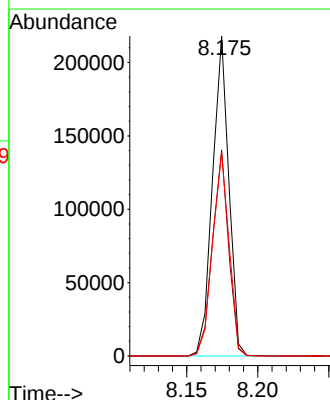
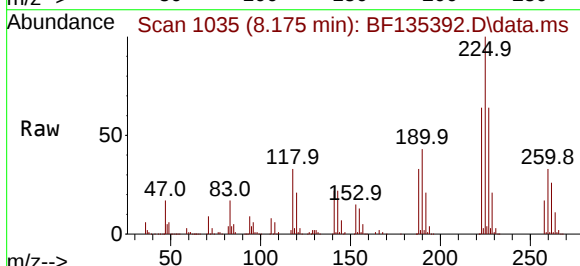
APPROVED

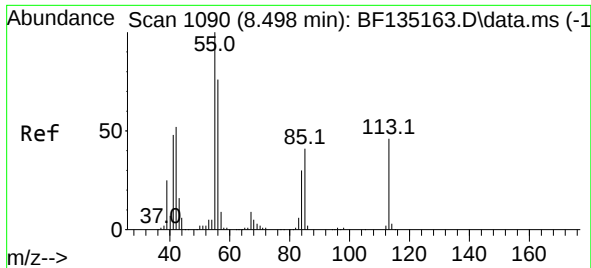
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#34
Hexachlorobutadiene
Concen: 36.747 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

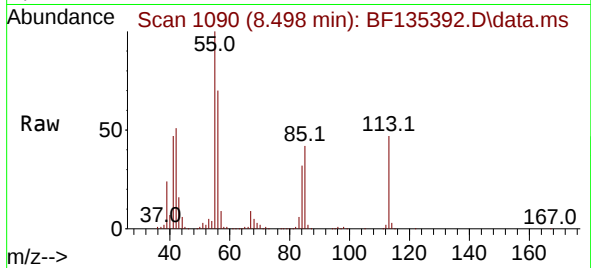
Tgt Ion:225 Resp: 173808
Ion Ratio Lower Upper
225 100
223 64.4 50.6 75.8
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 39.916 ng
RT: 8.498 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

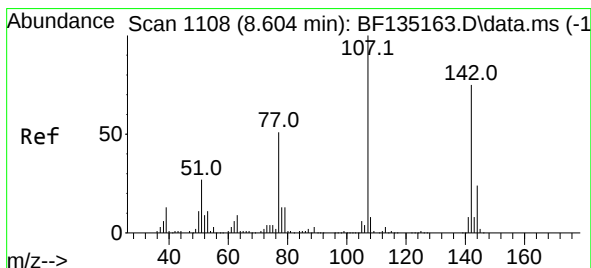
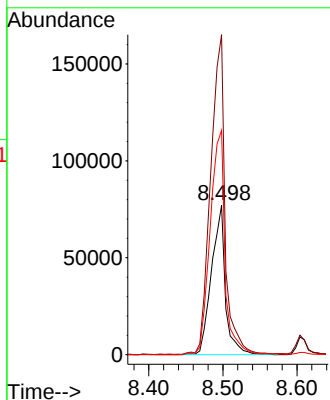
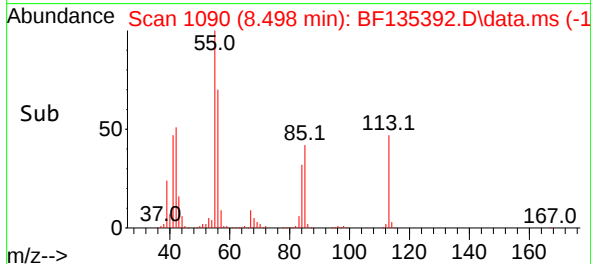
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



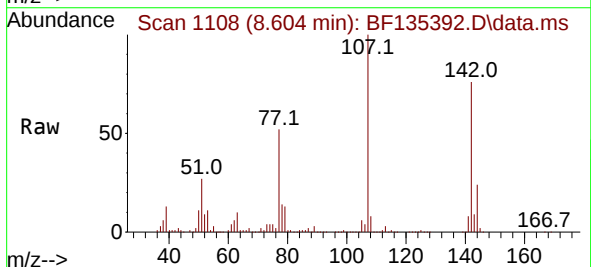
Tgt Ion:113 Resp: 10053
Ion Ratio Lower Upper
113 100
55 214.3 199.3 239.3
56 150.2 146.3 186.3

Manual Integrations
APPROVED

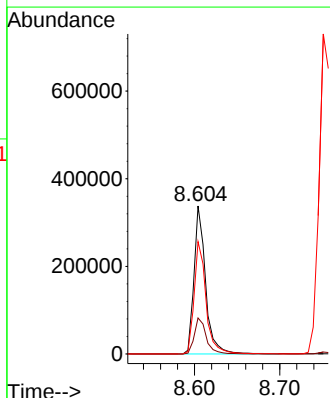
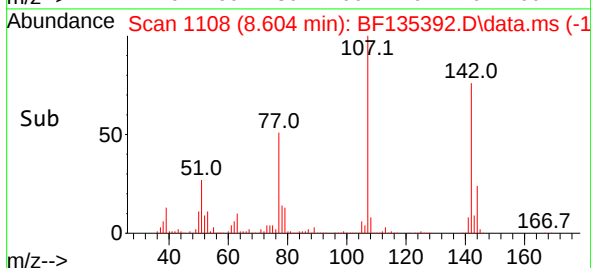
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

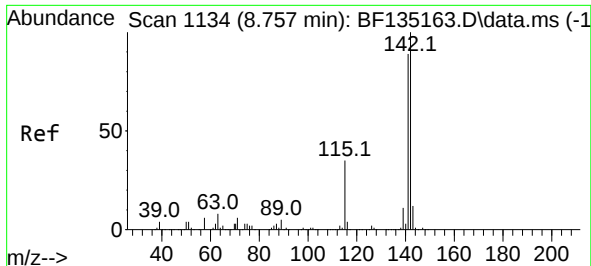


#36
4-Chloro-3-methylphenol
Concen: 38.305 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



Tgt Ion:107 Resp: 319498
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 75.9 60.2 90.2





#37
2-Methylnaphthalene
Concen: 37.332 ng
RT: 8.751 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

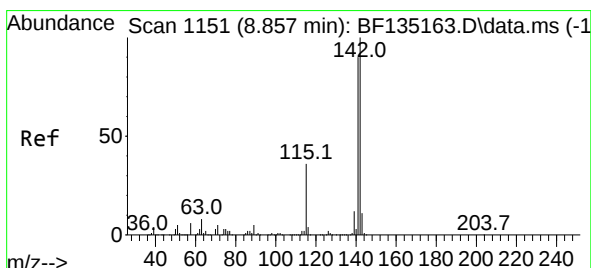
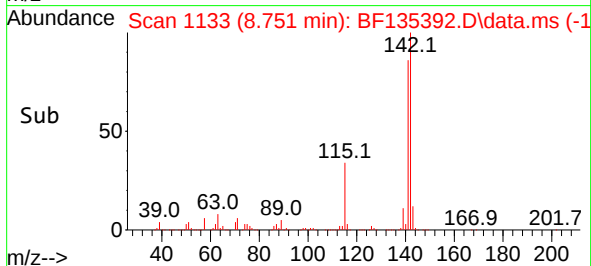
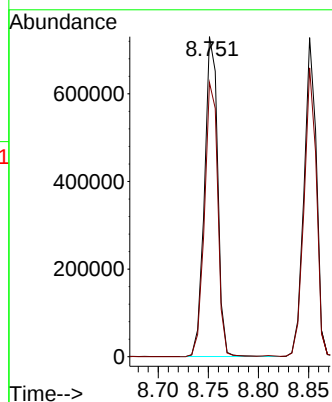
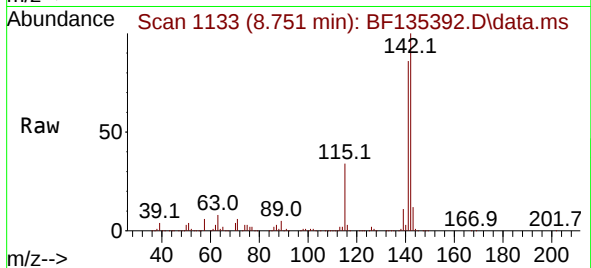
SSTDCCC040

Tgt Ion:142 Resp: 67283
Ion Ratio Lower Upper
142 100
141 85.7 71.0 106.6

Manual Integrations

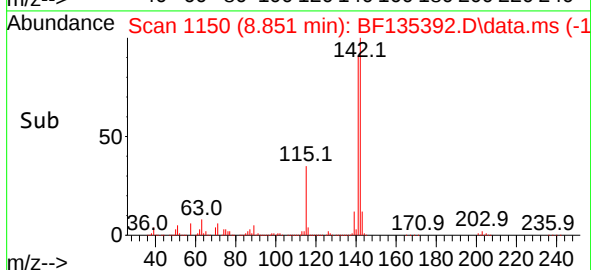
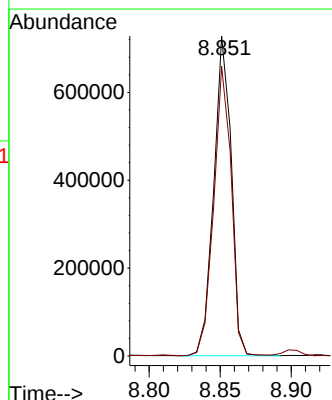
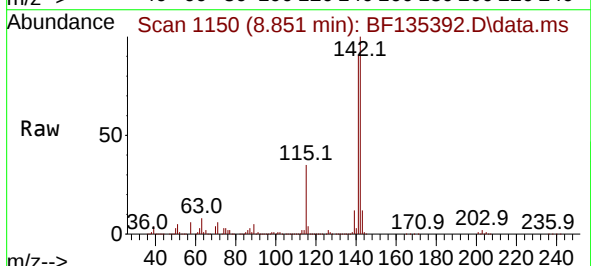
APPROVED

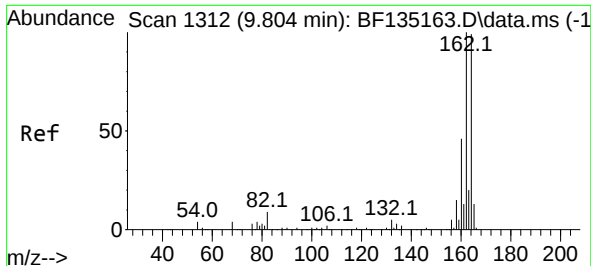
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#38
1-Methylnaphthalene
Concen: 36.945 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:142 Resp: 623405
Ion Ratio Lower Upper
142 100
141 90.5 72.4 108.6





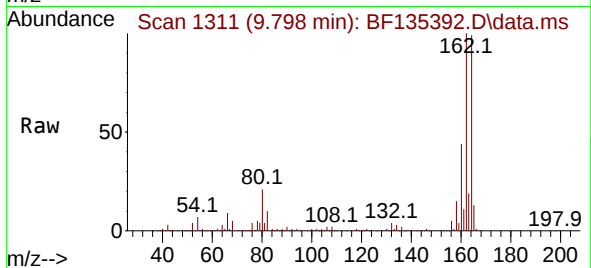
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

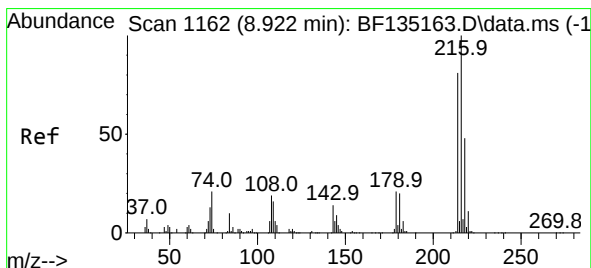
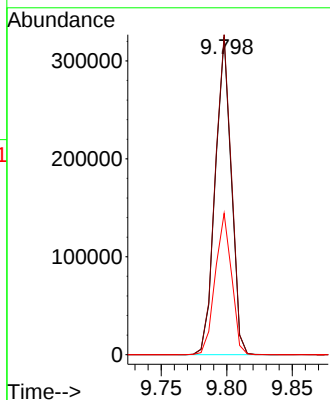
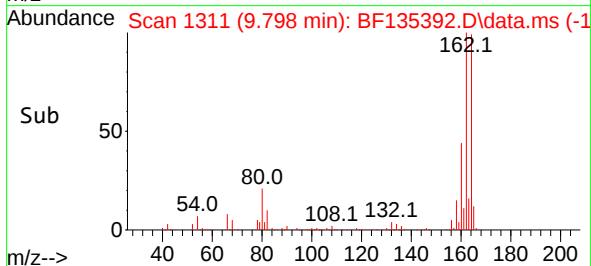


Tgt Ion:164 Resp: 274340
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.5 37.0 55.4

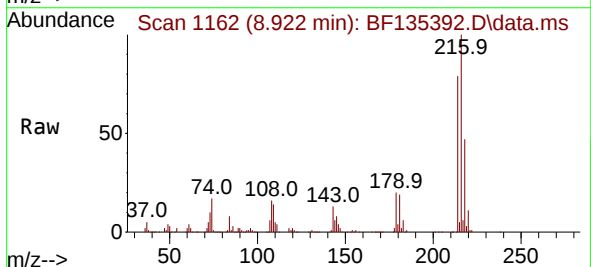
Manual Integrations

APPROVED

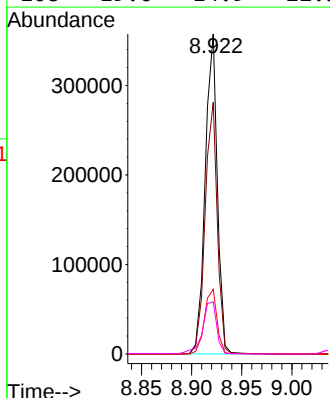
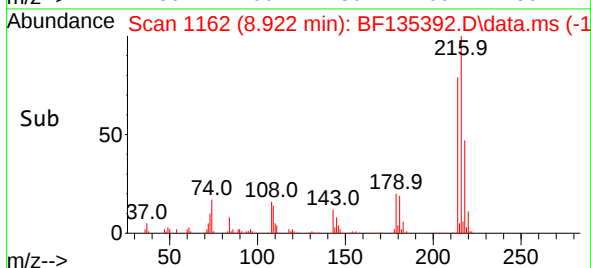
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.110 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



Tgt Ion:216 Resp: 302899
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.0 16.7 25.1
108 19.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 30.809 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

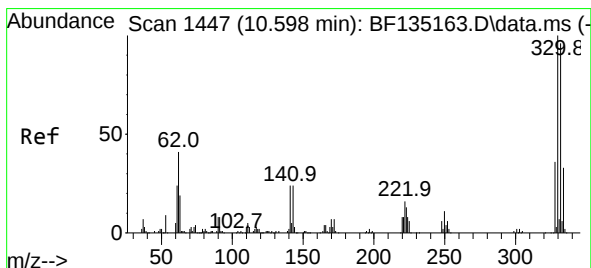
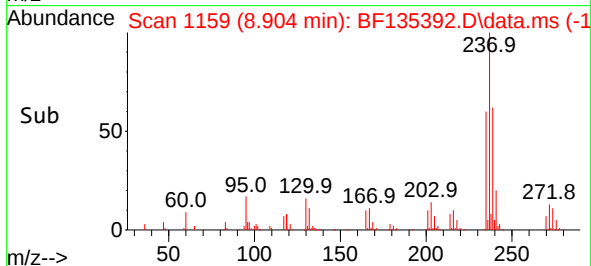
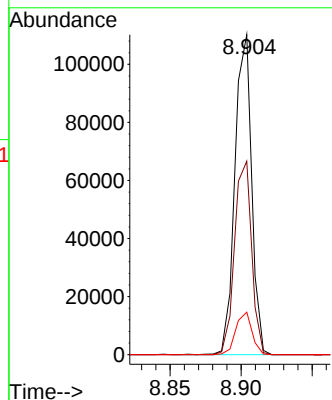
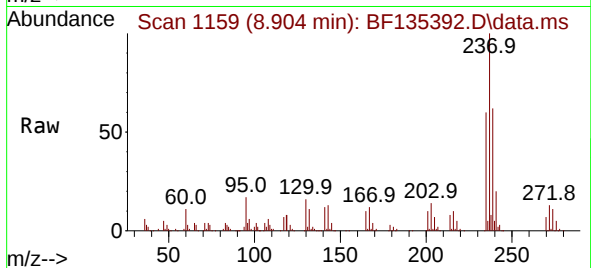
SSTDCCC040

Tgt Ion:237 Resp: 90378
Ion Ratio Lower Upper
237 100
235 60.5 41.8 81.8
272 13.3 0.0 33.6

Manual Integrations

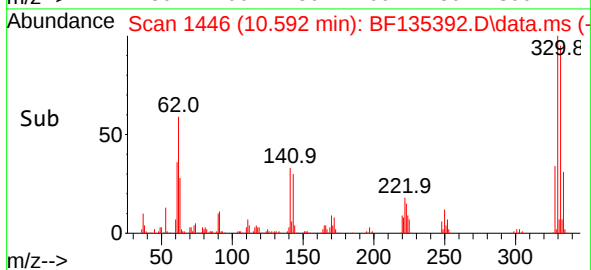
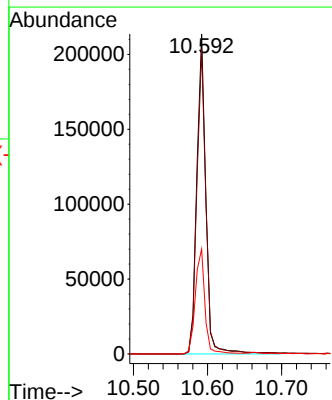
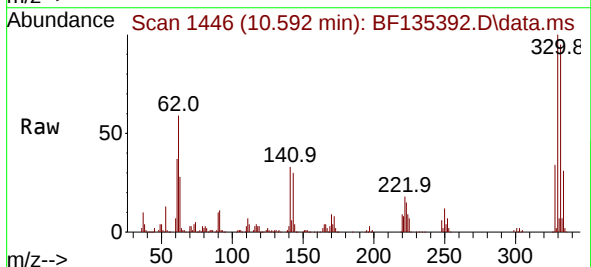
APPROVED

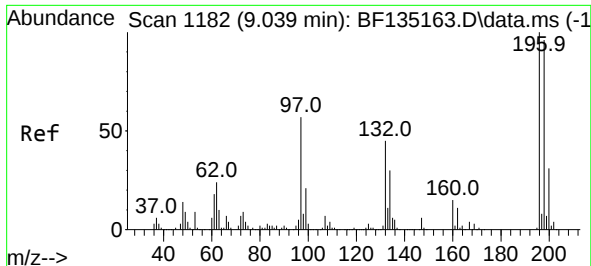
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#42
2,4,6-Tribromophenol
Concen: 66.376 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:330 Resp: 180964
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 35.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.879 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 197118

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

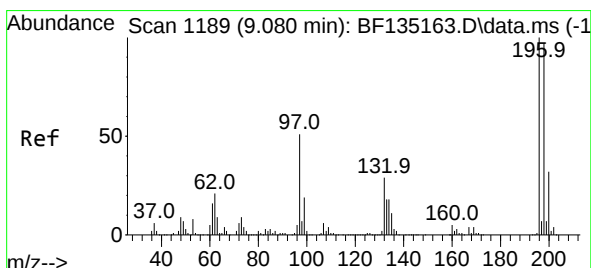
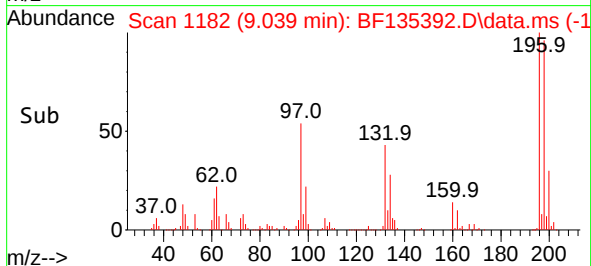
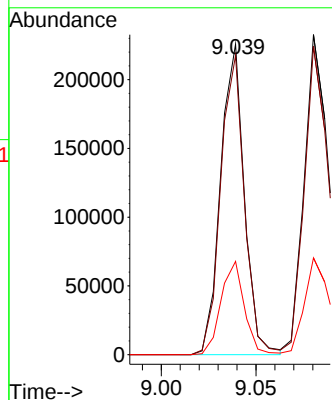
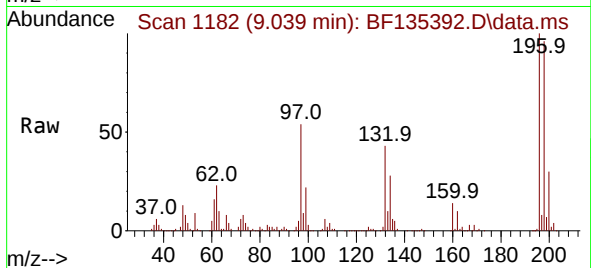
200 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#44

2,4,5-Trichlorophenol

Concen: 38.852 ng

RT: 9.080 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion:196 Resp: 232834

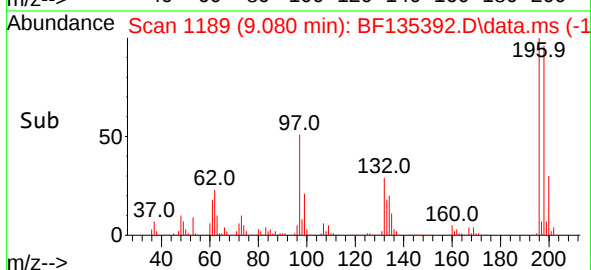
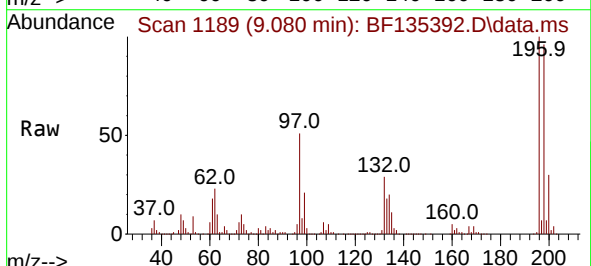
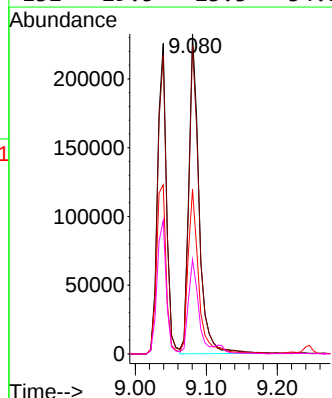
Ion Ratio Lower Upper

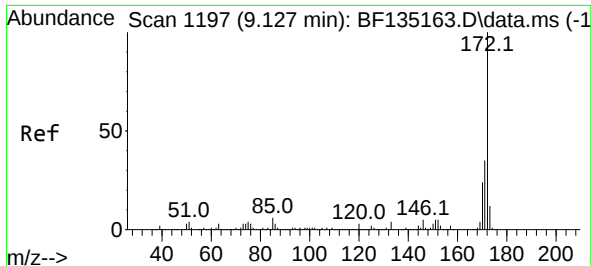
196 100

198 96.4 77.5 116.3

97 51.4 40.5 60.7

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.074 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 127422

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

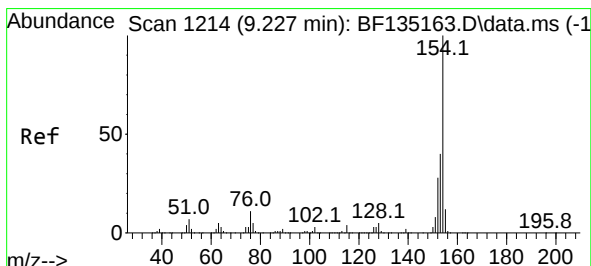
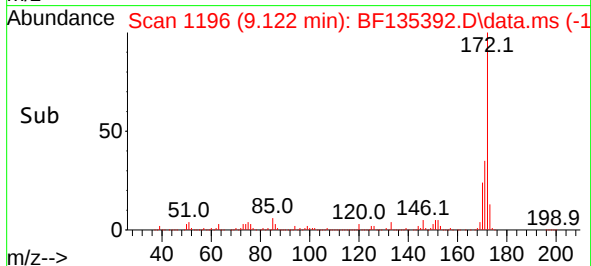
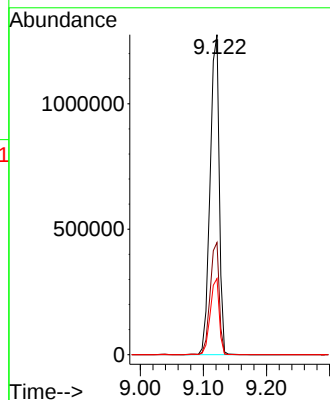
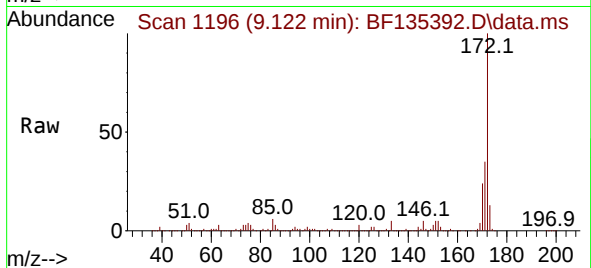
170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#46

1,1'-Biphenyl

Concen: 37.999 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

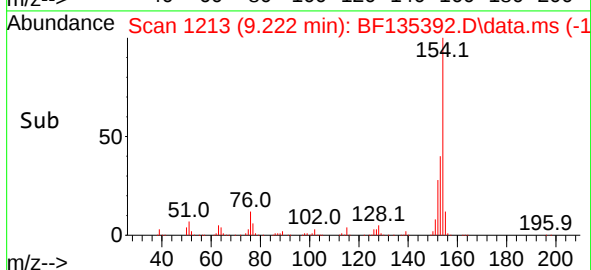
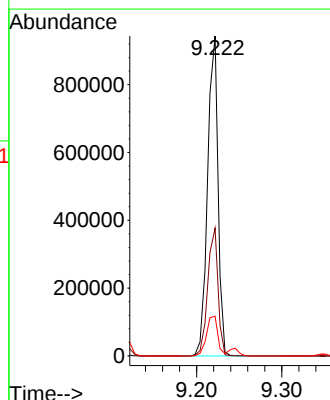
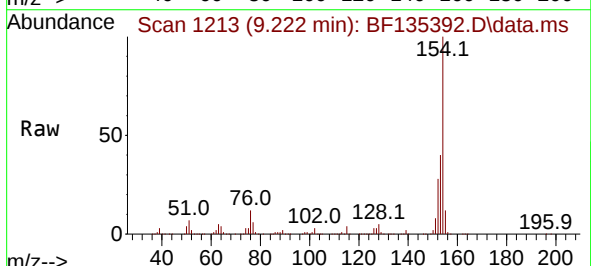
Tgt Ion:154 Resp: 801135

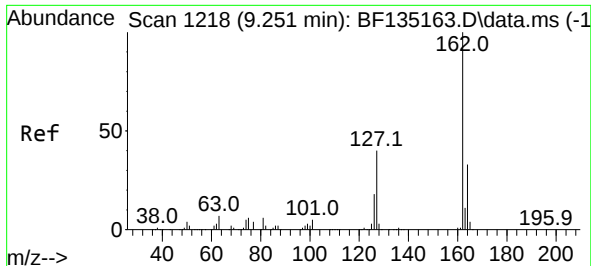
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 38.066 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

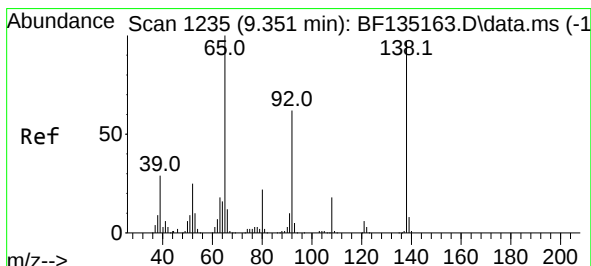
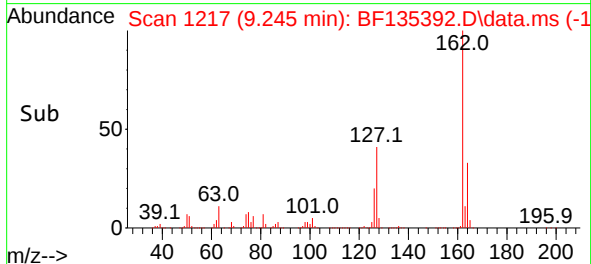
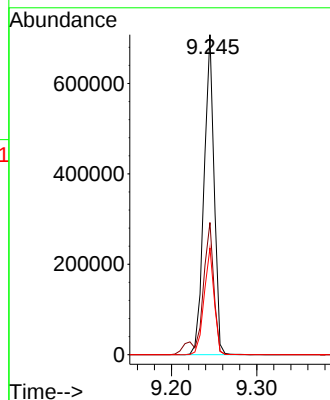
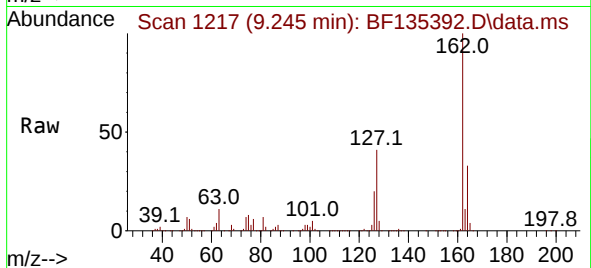
Tgt Ion:162 Resp: 582294
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.6 48.8
 164 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#48

2-Nitroaniline

Concen: 40.450 ng

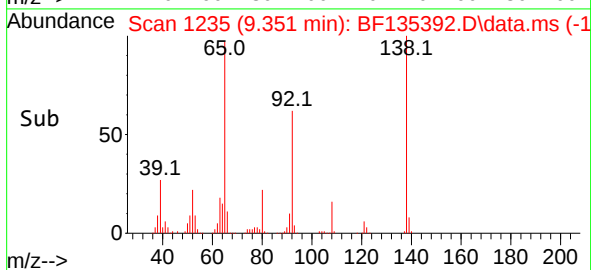
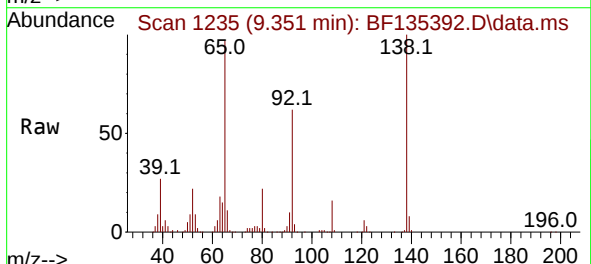
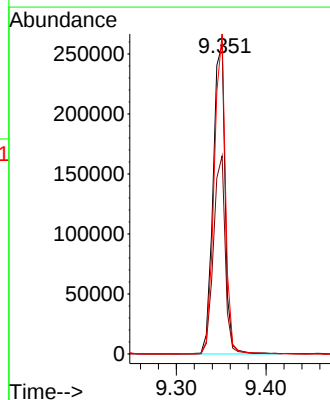
RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion: 65 Resp: 240389
 Ion Ratio Lower Upper
 65 100
 92 64.0 49.4 74.0
 138 103.4 77.4 116.0





#49

Acenaphthylene

Concen: 37.299 ng

RT: 9.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

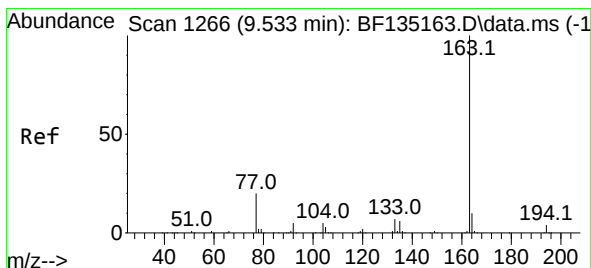
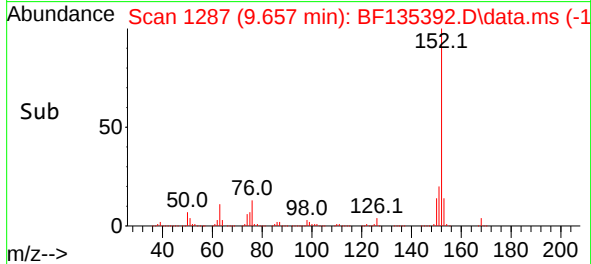
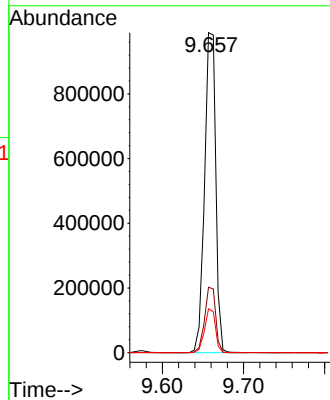
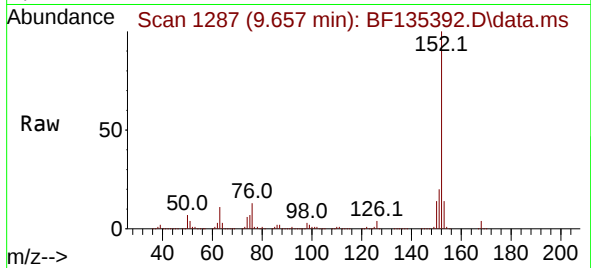
Tgt Ion:	152	Resp:	948224
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.4	24.6
153	13.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#50

Dimethylphthalate

Concen: 37.443 ng

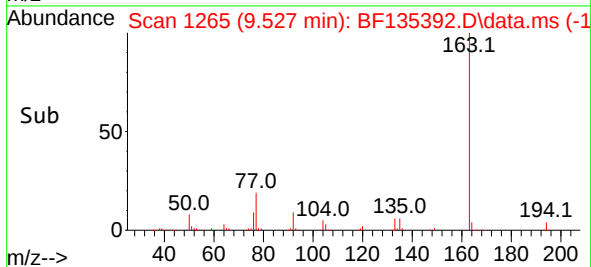
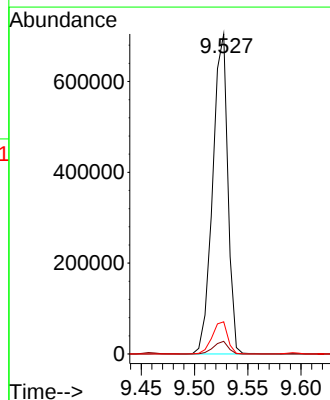
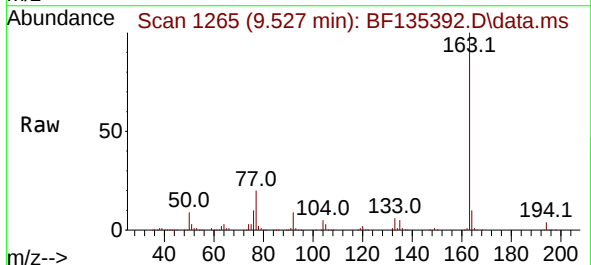
RT: 9.527 min Scan# 1265

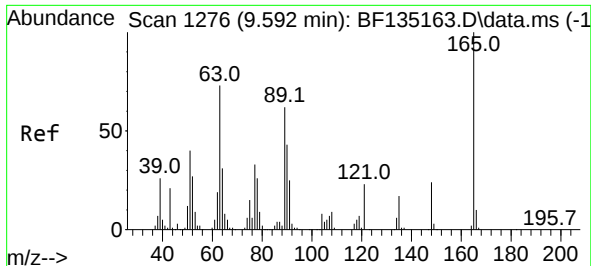
Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion:	163	Resp:	694506
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.0	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 38.561 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 15668

Ion Ratio Lower Upper

165 100

63 64.9 59.4 89.2

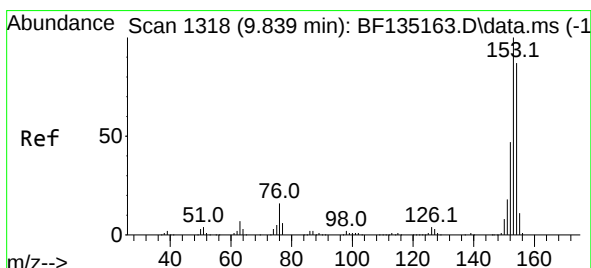
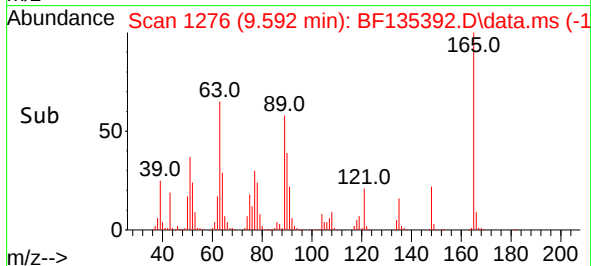
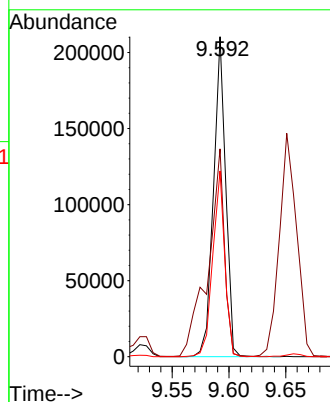
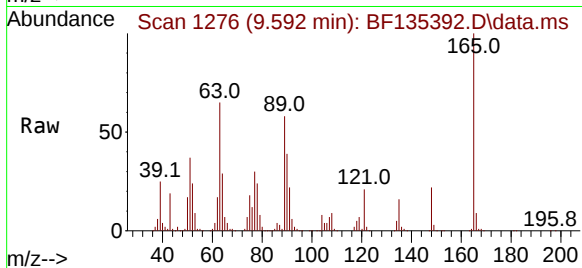
89 58.0 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#52

Acenaphthene

Concen: 38.148 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

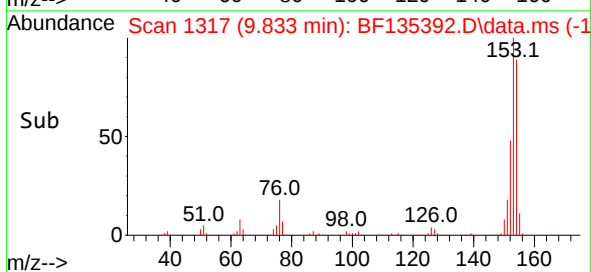
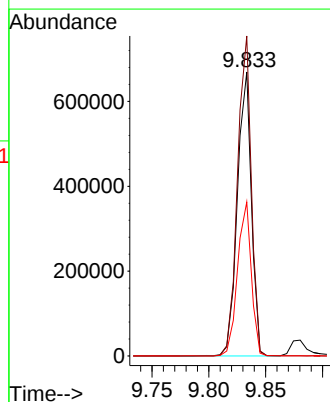
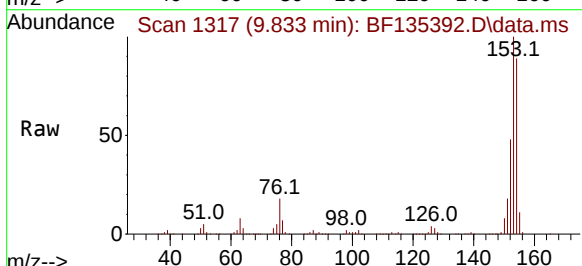
Tgt Ion:154 Resp: 572919

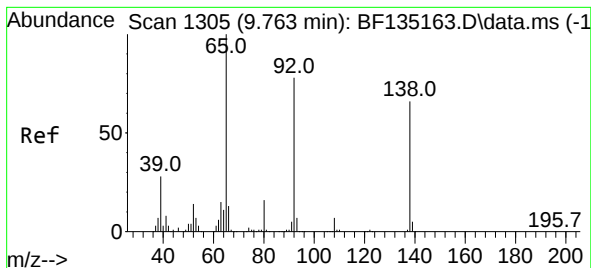
Ion Ratio Lower Upper

154 100

153 112.7 92.1 138.1

152 54.2 43.1 64.7





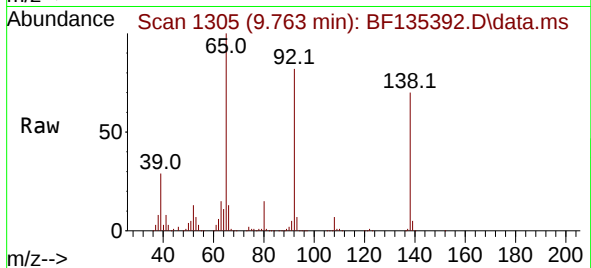
#53
3-Nitroaniline
Concen: 39.782 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

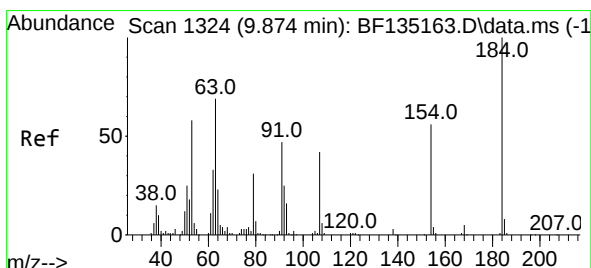
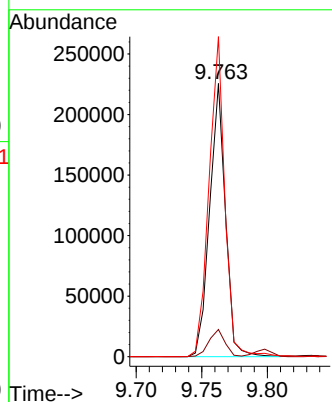
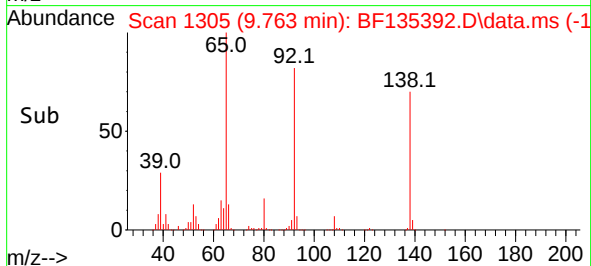


Tgt Ion:138 Resp: 189750
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 117.1 95.4 143.0

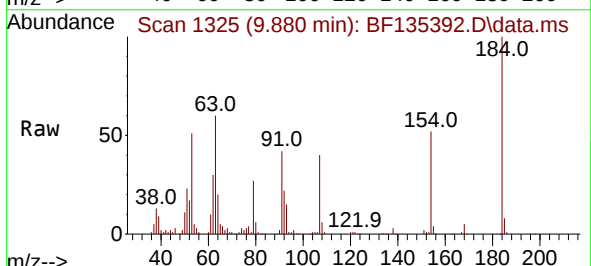
Manual Integrations

APPROVED

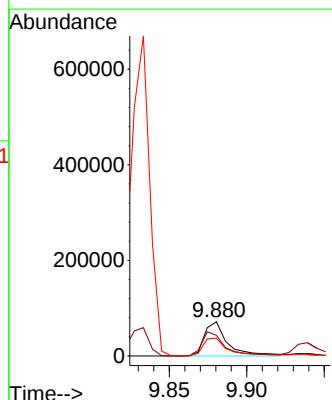
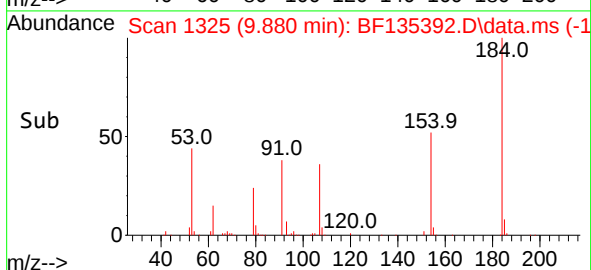
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

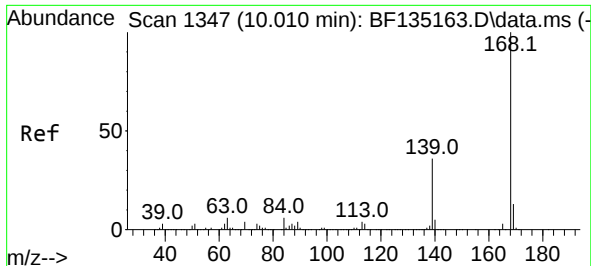


#54
2,4-Dinitrophenol
Concen: 36.160 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



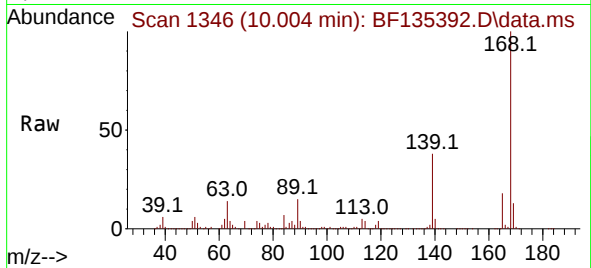
Tgt Ion:184 Resp: 74846
Ion Ratio Lower Upper
184 100
63 60.3 55.1 82.7
154 52.0 48.4 72.6





#55
Dibenzenofuran
Concen: 35.739 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

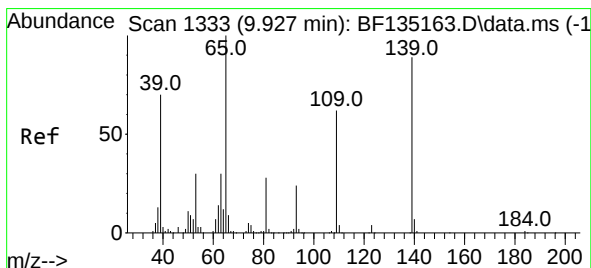
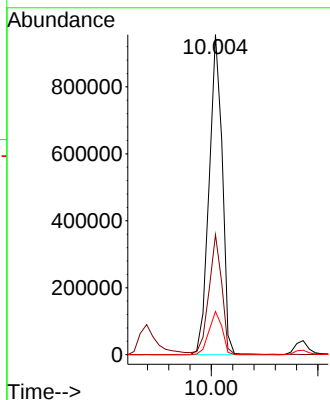
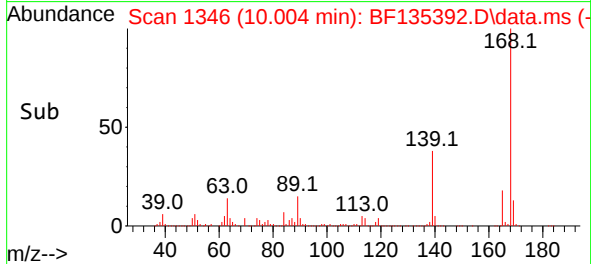
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



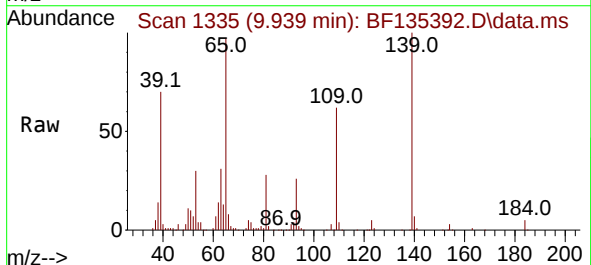
Tgt Ion:168 Resp: 819050
Ion Ratio Lower Upper
168 100
139 37.5 29.0 43.6
169 13.5 10.4 15.6

Manual Integrations
APPROVED

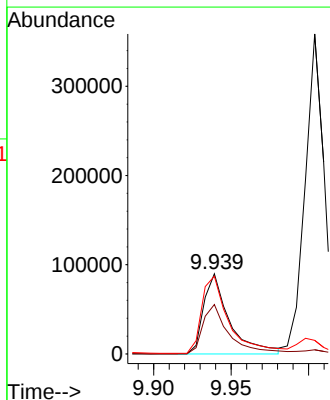
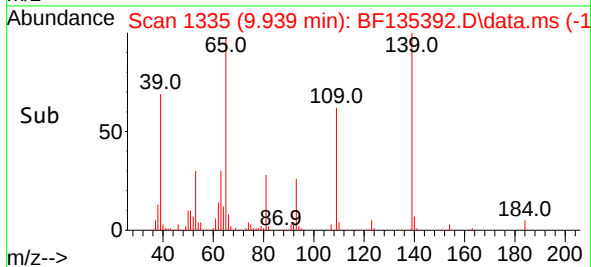
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

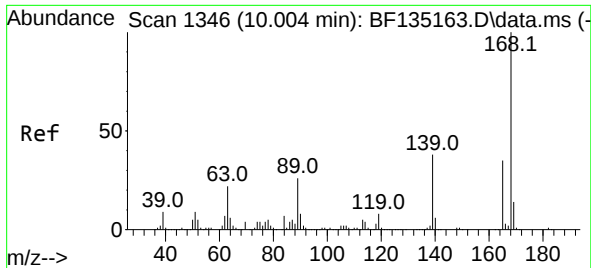


#56
4-Nitrophenol
Concen: 34.482 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



Tgt Ion:139 Resp: 104530
Ion Ratio Lower Upper
139 100
109 61.6 49.8 89.8
65 96.9 92.7 132.7





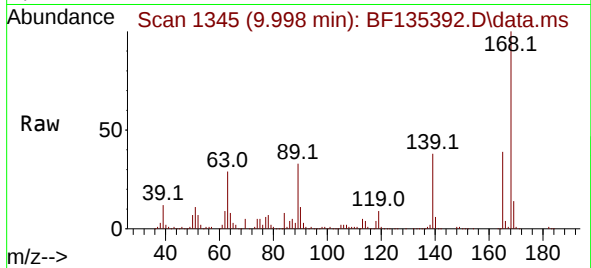
#57
2,4-Dinitrotoluene
Concen: 35.298 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

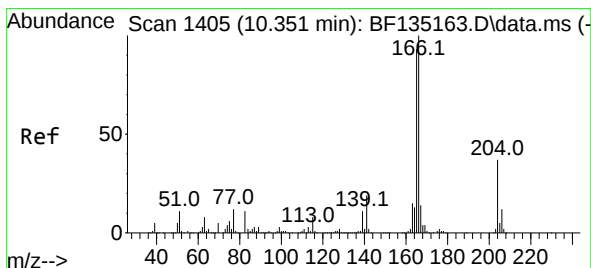
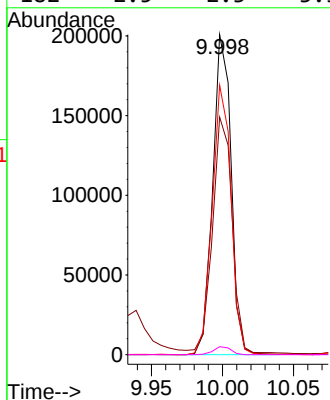
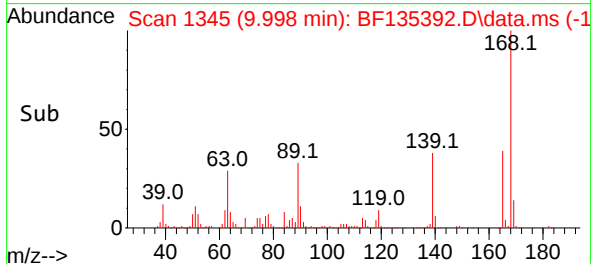


Tgt Ion:165 Resp: 179562
Ion Ratio Lower Upper
165 100
63 74.2 50.1 75.1
89 84.2 59.3 88.9
182 2.5 2.3 3.5

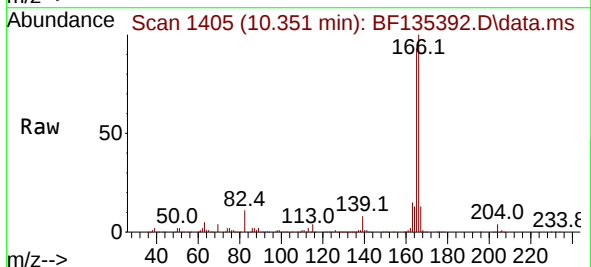
Manual Integrations

APPROVED

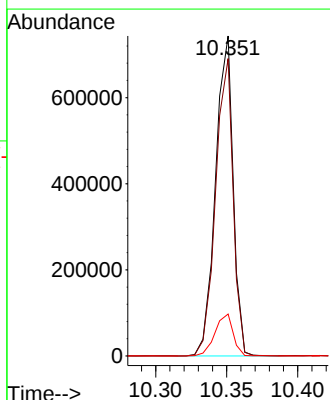
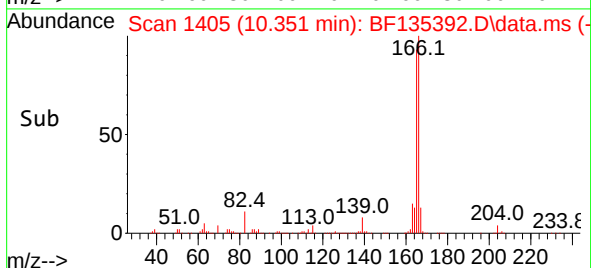
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#58
Fluorene
Concen: 36.242 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



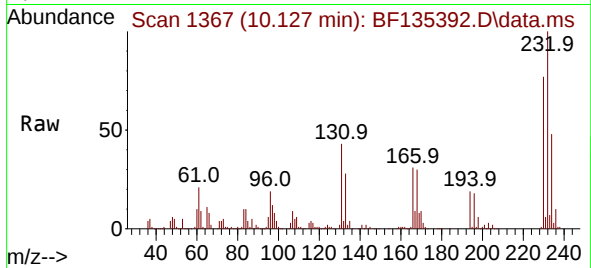
Tgt Ion:166 Resp: 638524
Ion Ratio Lower Upper
166 100
165 93.0 74.3 111.5
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.585 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

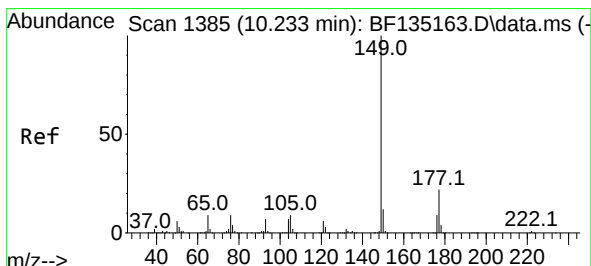
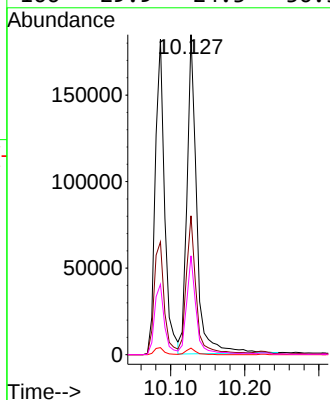
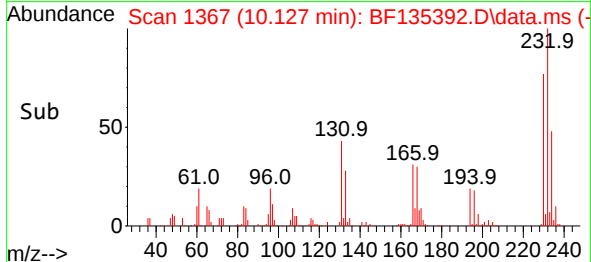
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 16865
Ion Ratio Lower Upper
232 100
131 44.6 35.4 53.2
130 2.1 1.8 2.8
166 29.9 24.3 36.5

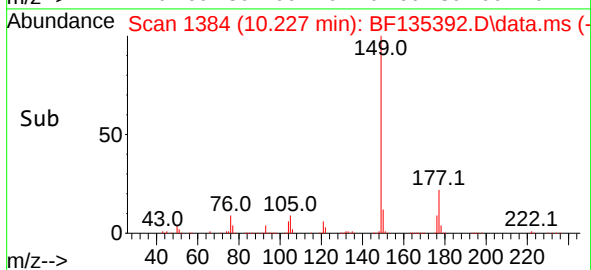
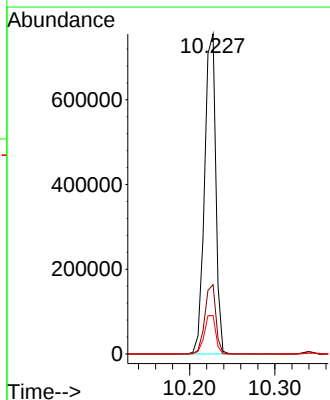
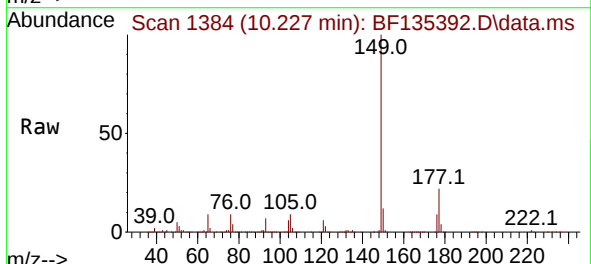
Manual Integrations
APPROVED

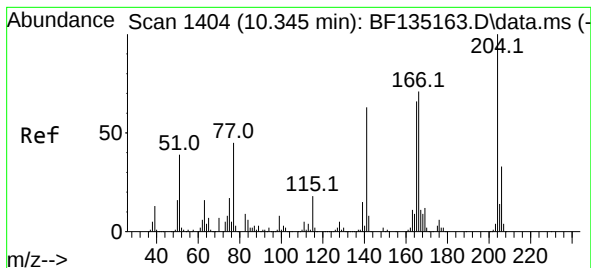
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#60
Diethylphthalate
Concen: 37.075 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

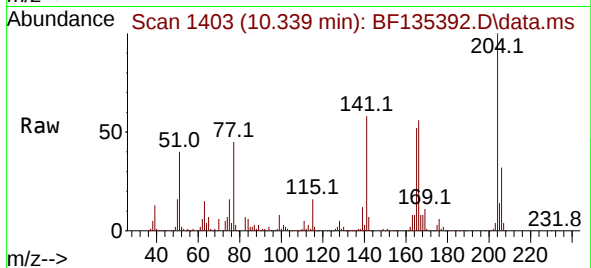
Tgt Ion:149 Resp: 690160
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 35.852 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

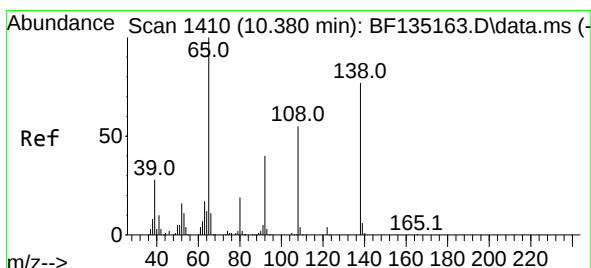
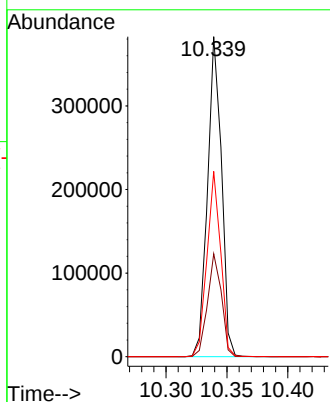
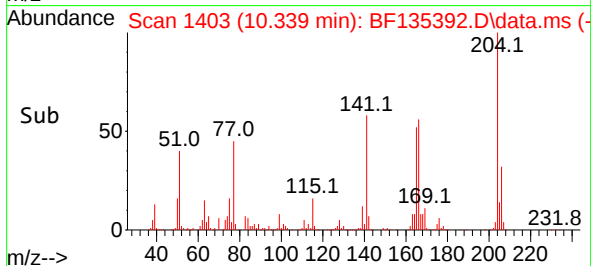
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 303419
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 57.9 50.6 75.8

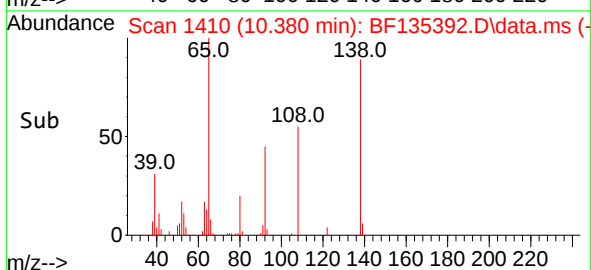
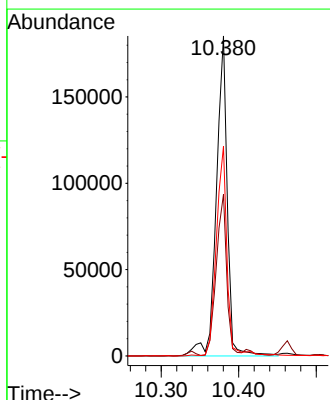
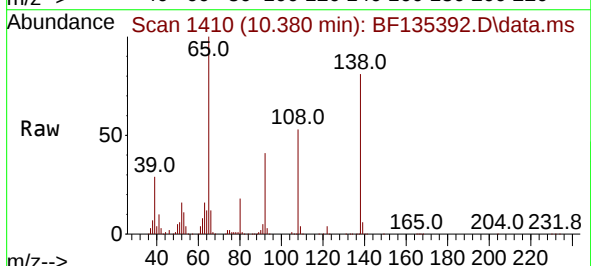
Manual Integrations
APPROVED

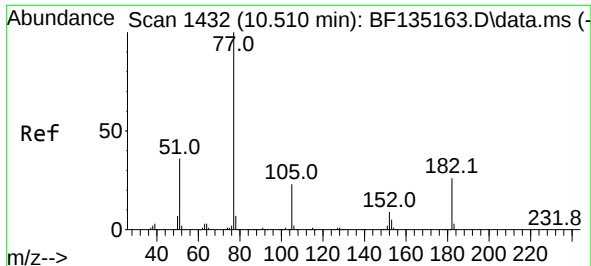
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#62
4-Nitroaniline
Concen: 39.844 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:138 Resp: 182678
Ion Ratio Lower Upper
138 100
92 50.5 31.8 71.8
108 65.5 52.0 92.0





#63
Azobenzene
Concen: 39.068 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

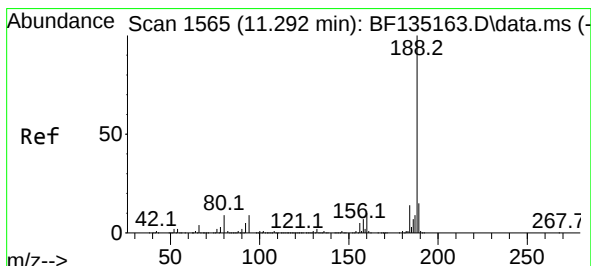
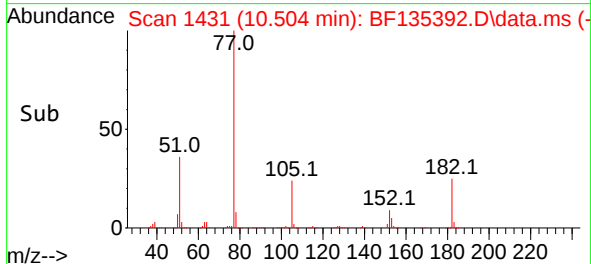
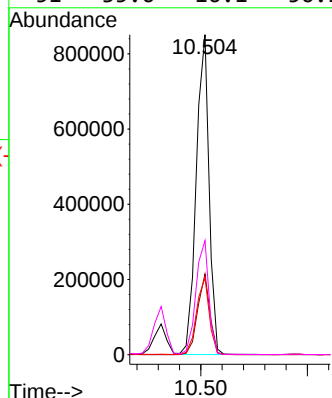
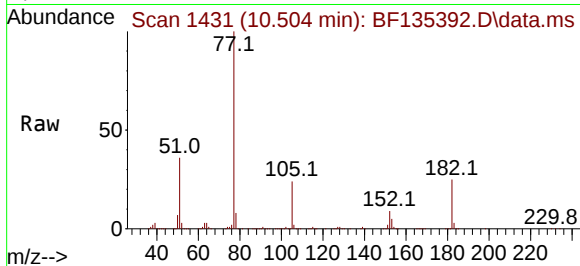
SSTDCCC040

Tgt Ion: 77 Resp: 71176
Ion Ratio Lower Upper
77 100
182 25.3 6.4 46.4
105 24.0 3.1 43.1
51 35.6 16.1 56.1

Manual Integrations

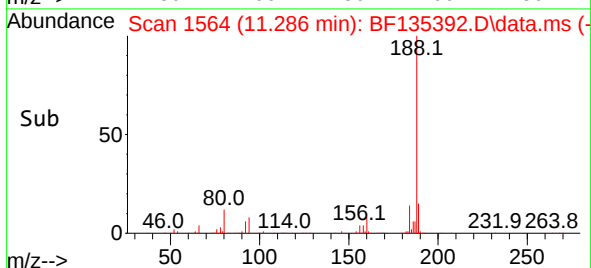
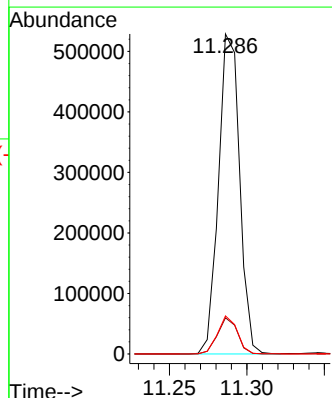
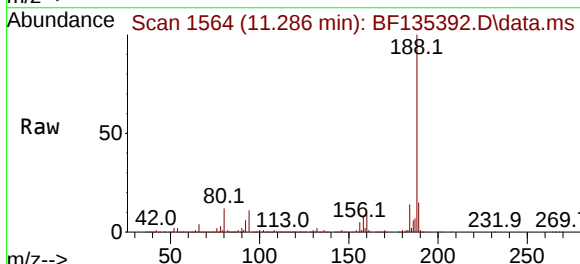
APPROVED

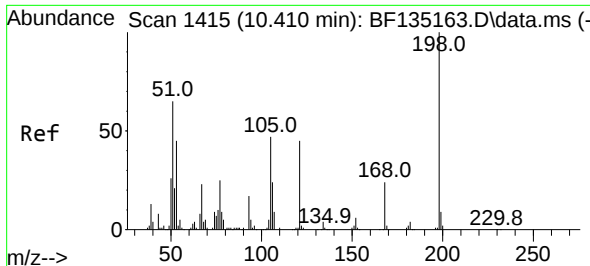
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

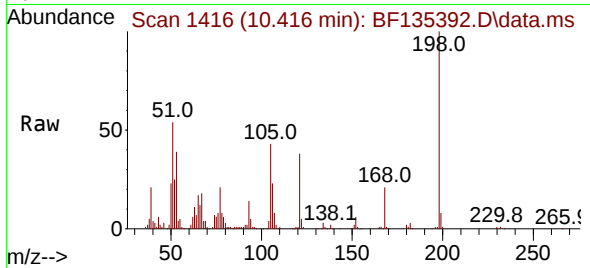
Tgt Ion:188 Resp: 501418
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.9 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 38.764 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

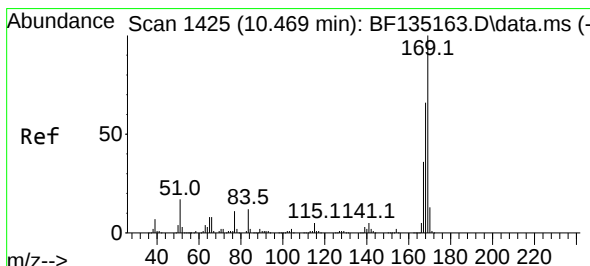
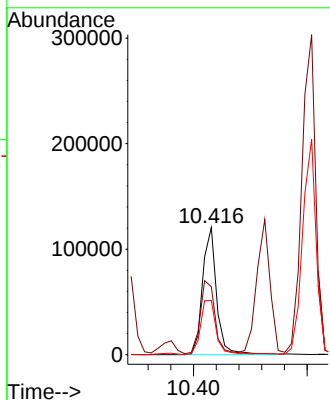
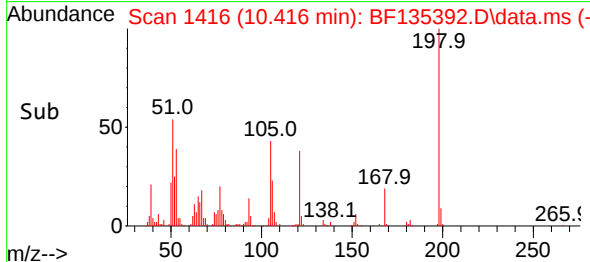
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 103235
Ion Ratio Lower Upper
198 100
51 53.5 47.7 87.7
105 42.6 27.4 67.4

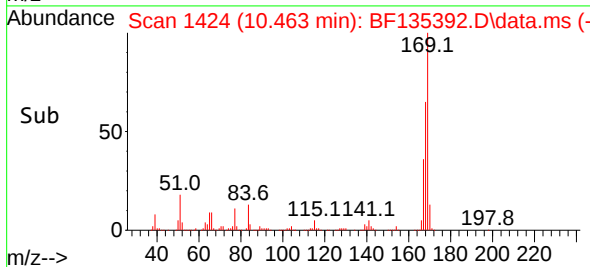
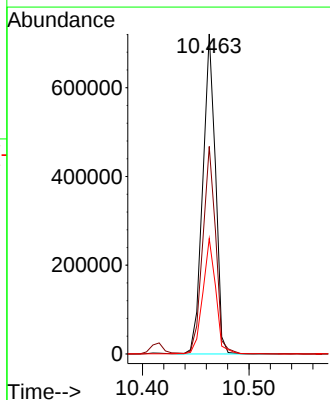
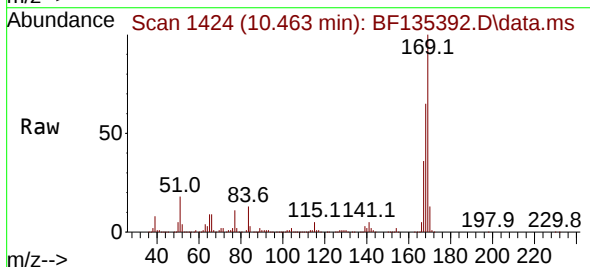
Manual Integrations
APPROVED

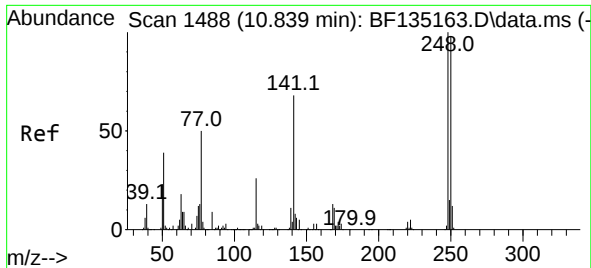
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#66
n-Nitrosodiphenylamine
Concen: 39.307 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

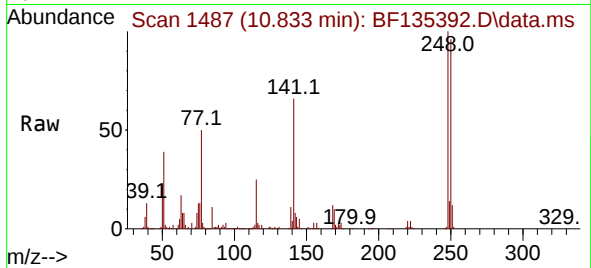
Tgt Ion:169 Resp: 596696
Ion Ratio Lower Upper
169 100
168 64.8 52.8 79.2
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 39.254 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

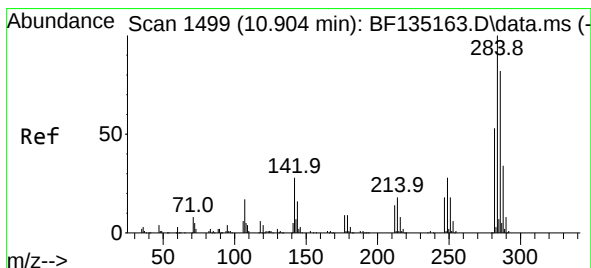
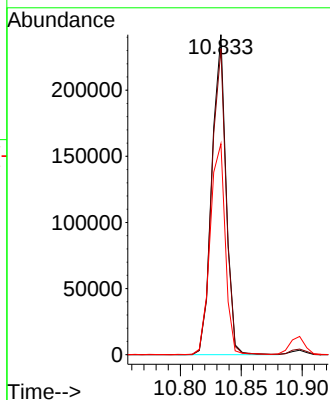
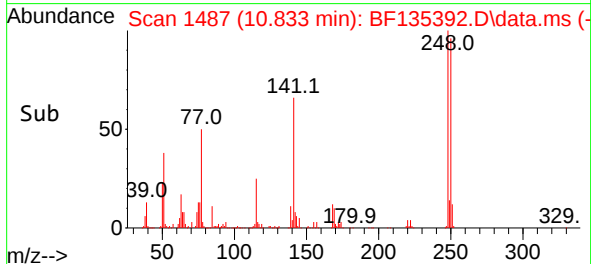
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 195759
Ion Ratio Lower Upper
248 100
250 95.6 78.6 117.8
141 65.9 54.2 81.2

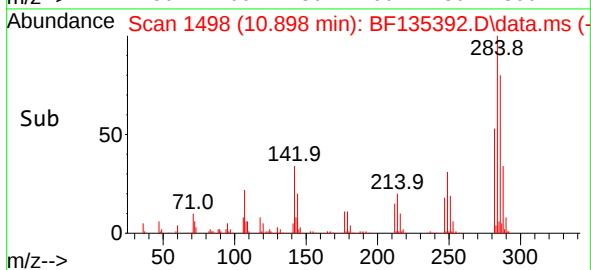
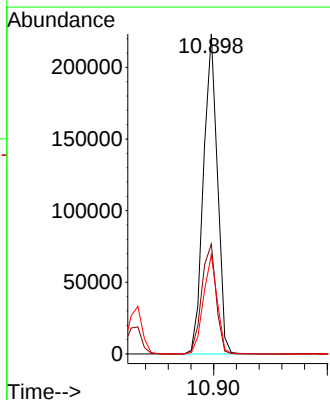
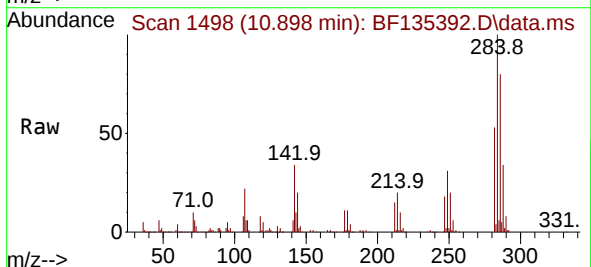
Manual Integrations
APPROVED

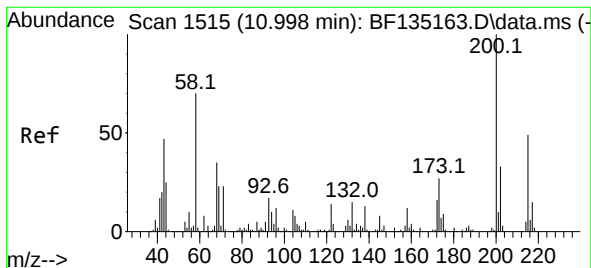
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#68
Hexachlorobenzene
Concen: 37.202 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:284 Resp: 189009
Ion Ratio Lower Upper
284 100
142 34.4 22.2 33.4#
249 31.0 22.5 33.7





#69

Atrazine

Concen: 36.355 ng

RT: 10.992 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF135392.D

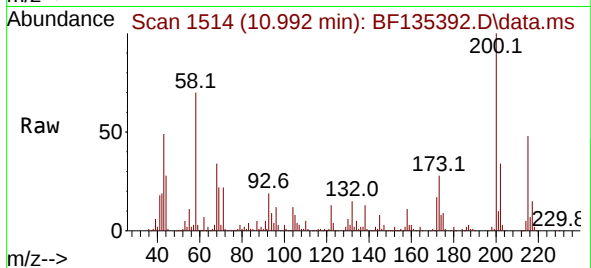
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



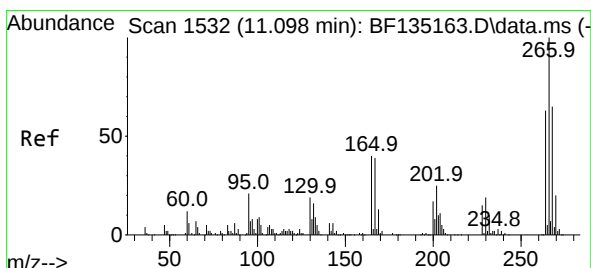
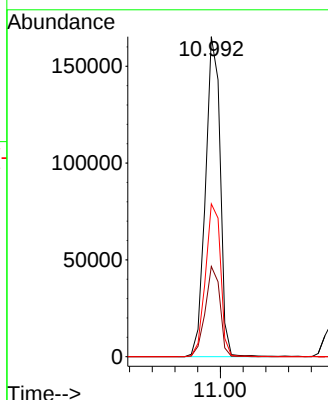
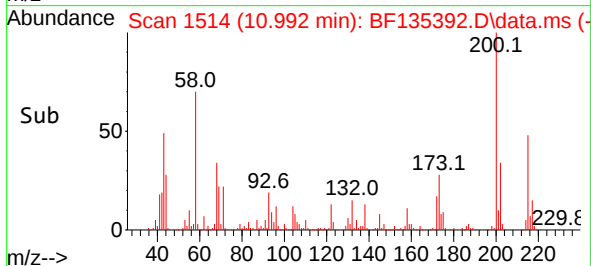
Tgt Ion:200	Resp: 148490
Ion Ratio	Lower Upper
200 100	
173 28.2	7.4 47.4
215 47.8	28.6 68.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#70

Pentachlorophenol

Concen: 35.162 ng

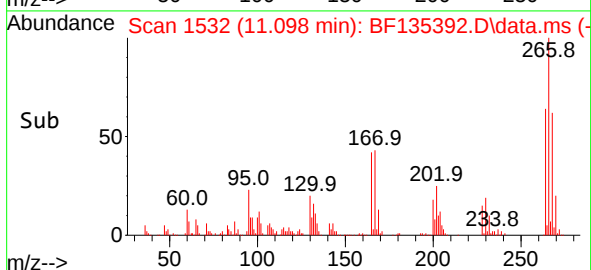
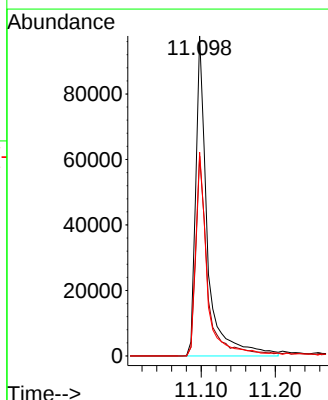
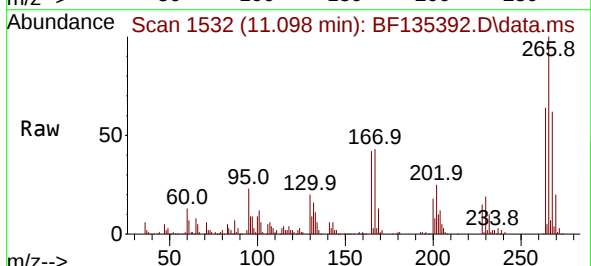
RT: 11.098 min Scan# 1532

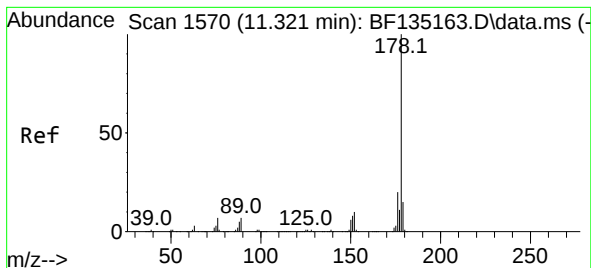
Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Tgt Ion:266	Resp: 106883
Ion Ratio	Lower Upper
266 100	
268 62.5	52.1 78.1
264 63.7	50.8 76.2





#71

Phenanthrene

Concen: 38.522 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

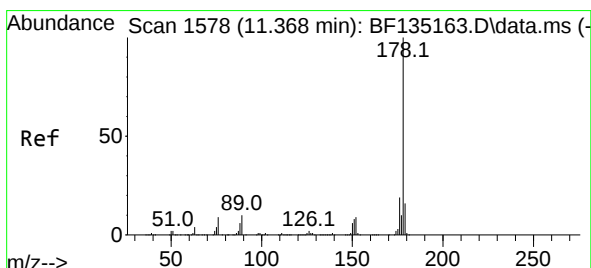
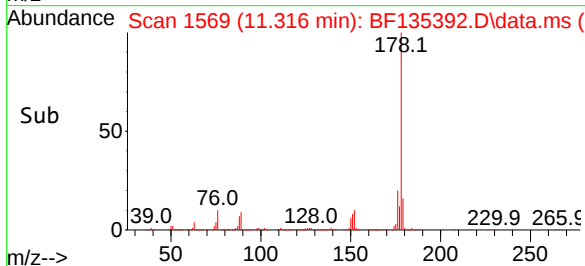
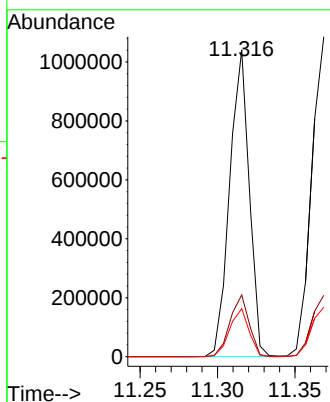
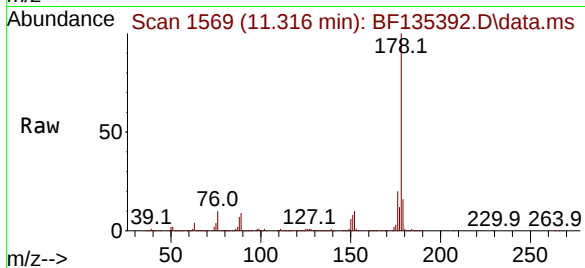
SSTDCCC040

Tgt Ion:178 Resp: 91355
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.6 23.4
 179 15.7 12.0 18.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023



#72

Anthracene

Concen: 38.515 ng

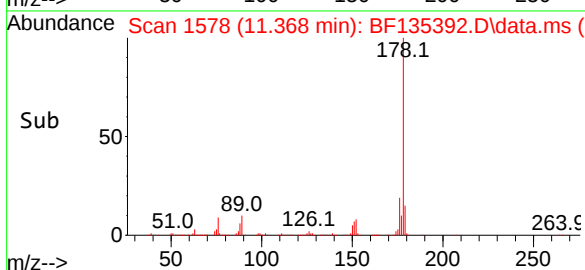
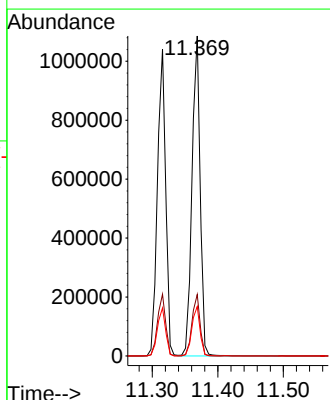
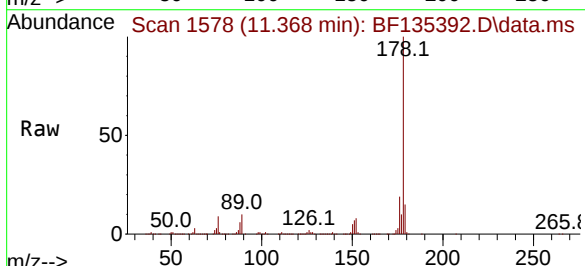
RT: 11.368 min Scan# 1578

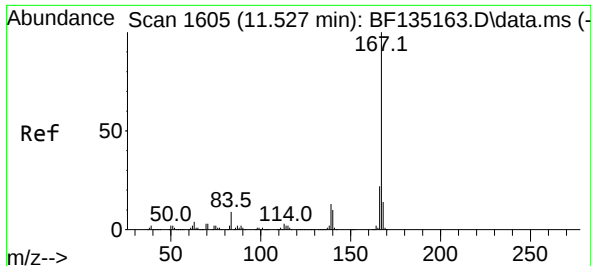
Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

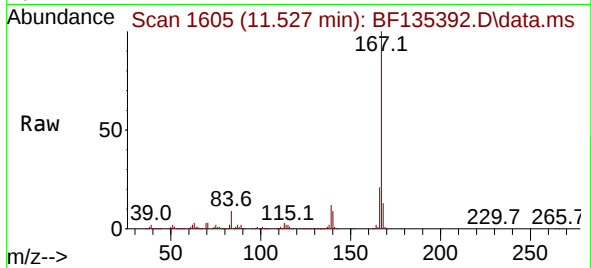
Tgt Ion:178 Resp: 938856
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 39.127 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

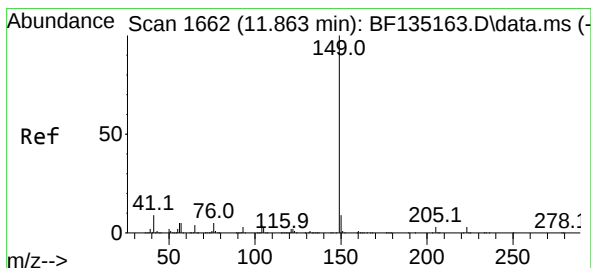
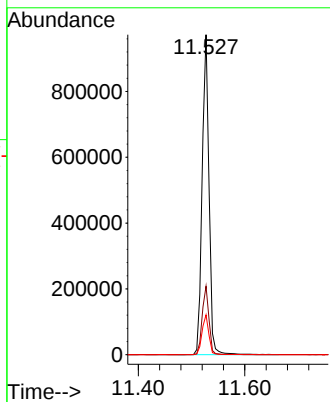
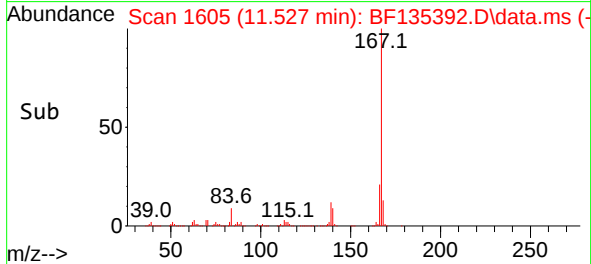
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



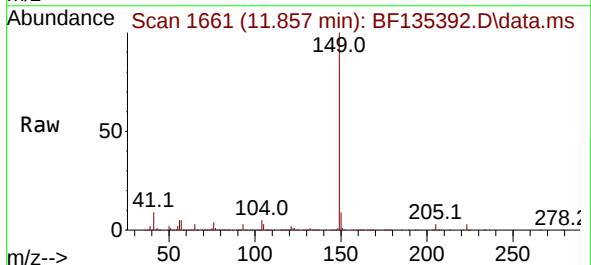
Tgt Ion:167 Resp: 868238
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.4 10.6 15.8

Manual Integrations
 APPROVED

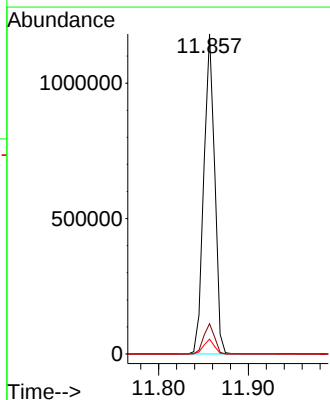
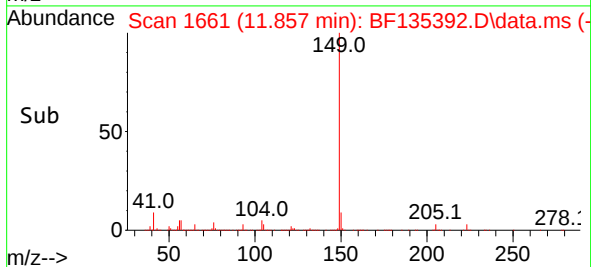
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

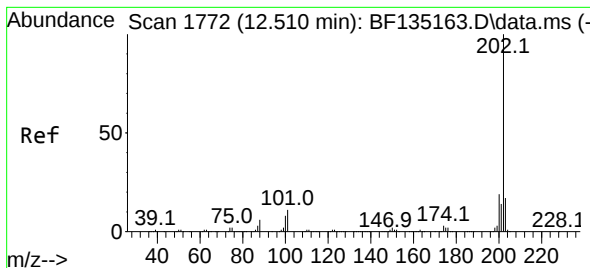


#74
 Di-n-butylphthalate
 Concen: 37.896 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29



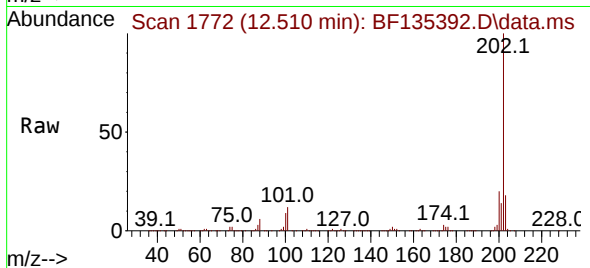
Tgt Ion:149 Resp: 990910
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 36.220 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

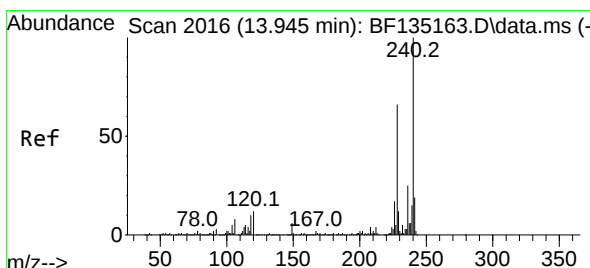
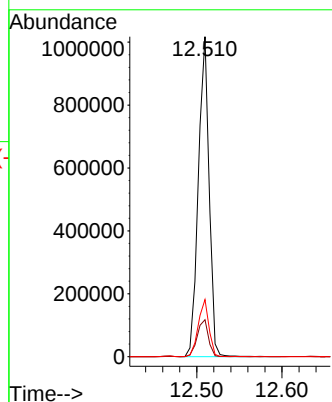
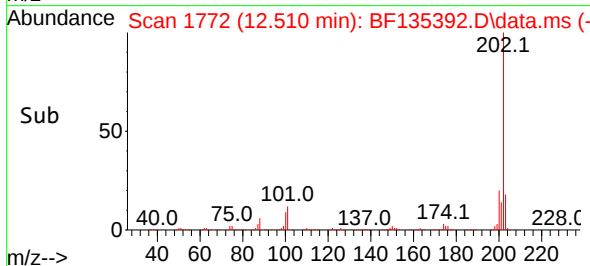
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 895029
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 17.9 0.0 37.4

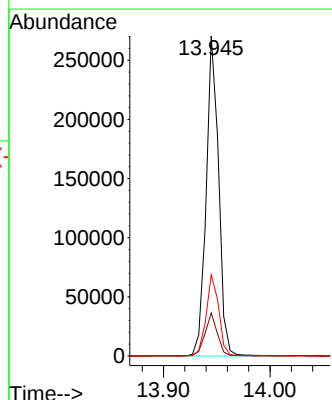
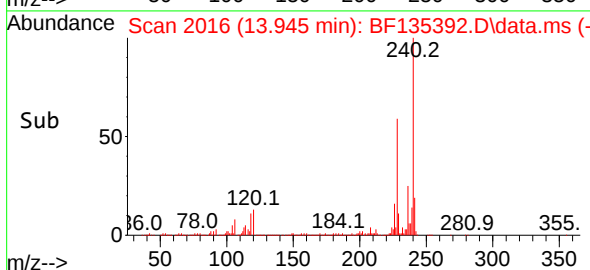
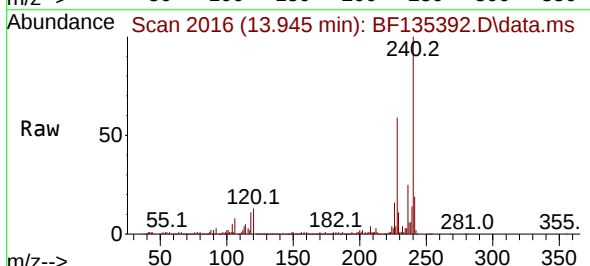
Manual Integrations
APPROVED

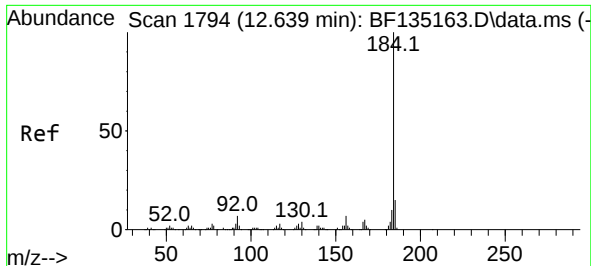
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:240 Resp: 220654
Ion Ratio Lower Upper
240 100
120 13.5 9.4 14.2
236 25.4 19.8 29.8





#77
Benzidine
Concen: 42.265 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

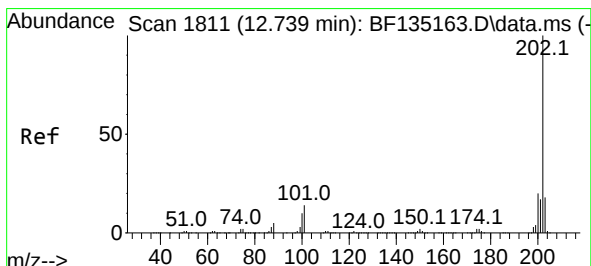
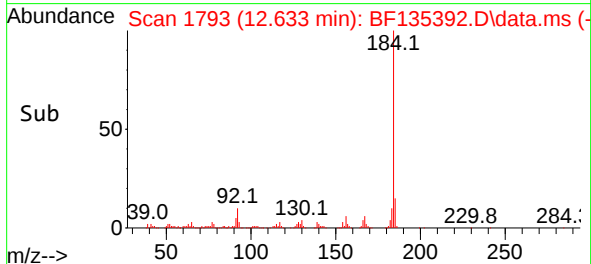
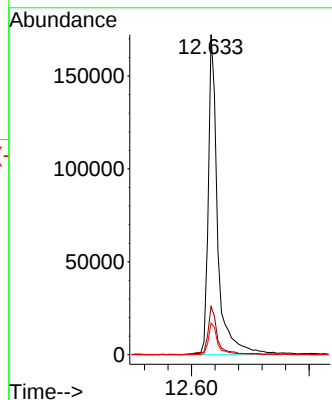
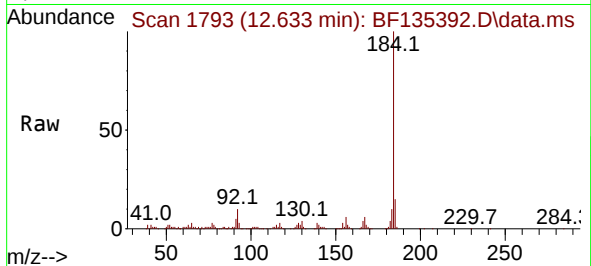
SSTDCCC040

Tgt Ion:184 Resp: 191060
Ion Ratio Lower Upper
184 100
185 15.1 11.7 17.5
183 9.8 8.2 12.4

Manual Integrations

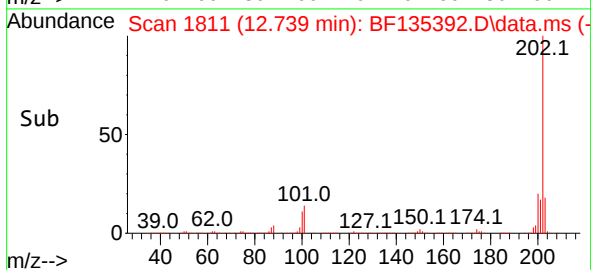
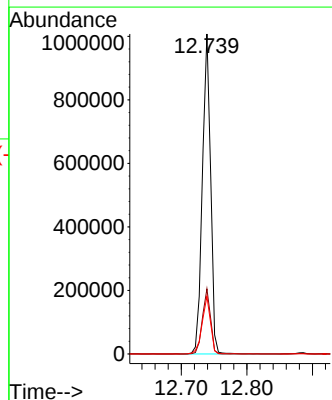
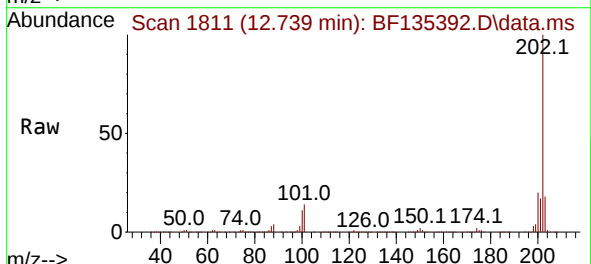
APPROVED

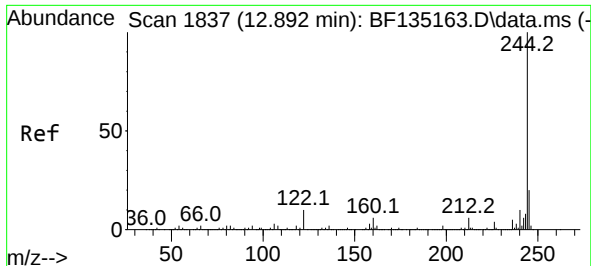
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#78
Pyrene
Concen: 41.900 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

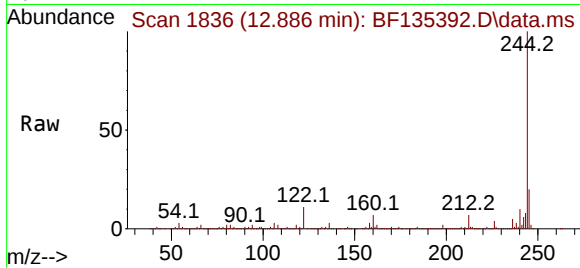
Tgt Ion:202 Resp: 880224
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 74.763 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

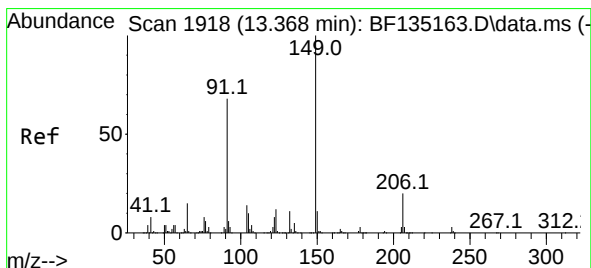
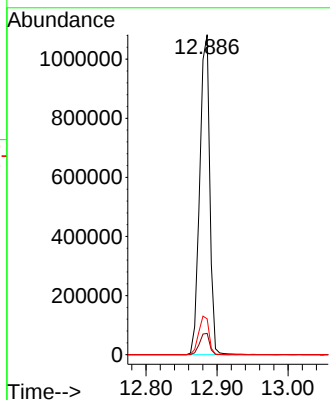
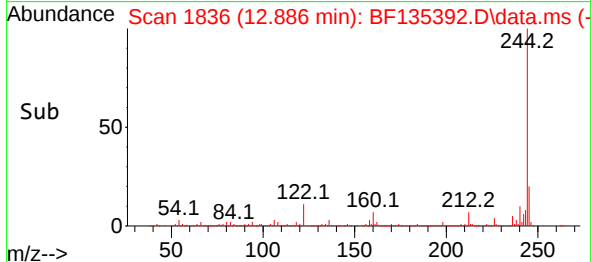
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 106417
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.2 7.9 11.9

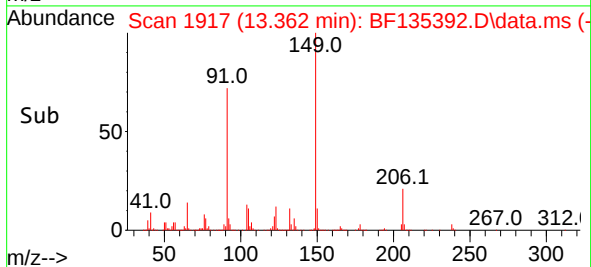
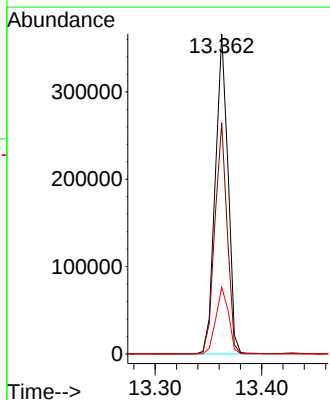
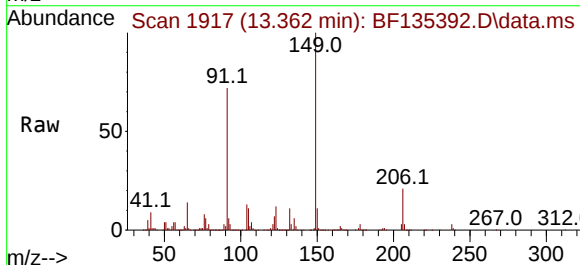
Manual Integrations
 APPROVED

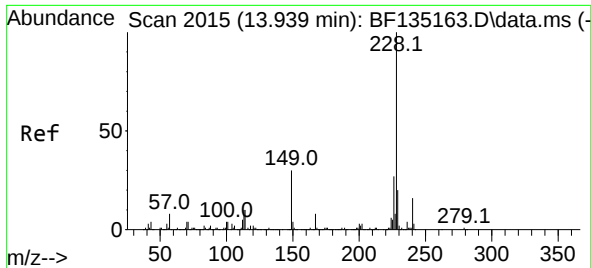
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023



#80
 Butylbenzylphthalate
 Concen: 40.679 ng
 RT: 13.362 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF135392.D
 Acq: 22 Sep 2023 10:29

Tgt Ion:149 Resp: 300884
 Ion Ratio Lower Upper
 149 100
 91 72.3 54.7 82.1
 206 20.9 16.3 24.5





#81
Benzo(a)anthracene
Concen: 38.947 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

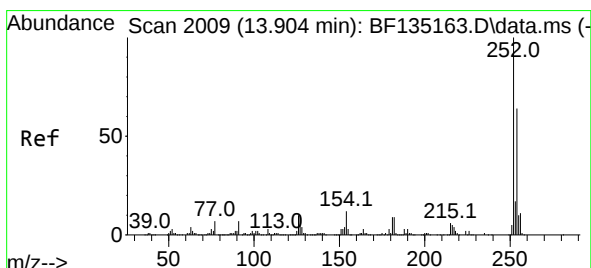
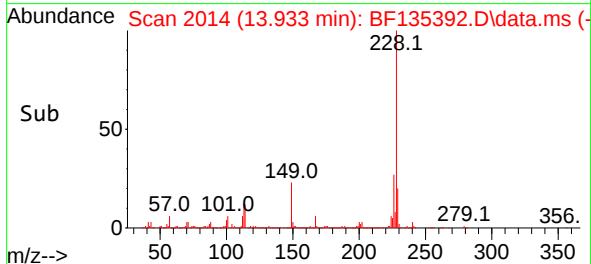
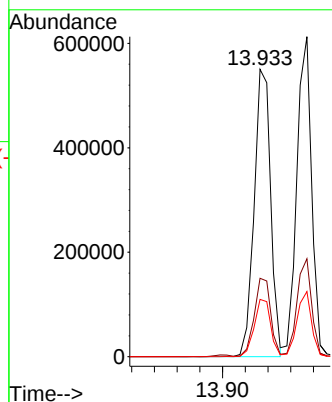
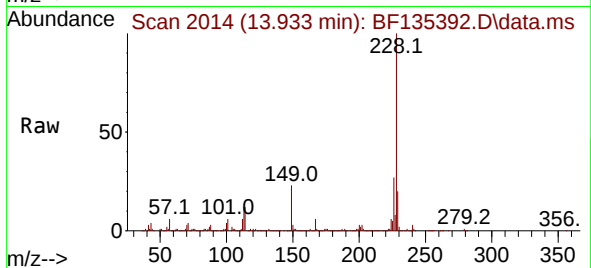
SSTDCCC040

Tgt Ion:228 Resp: 55492
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.0 15.8 23.8

Manual Integrations

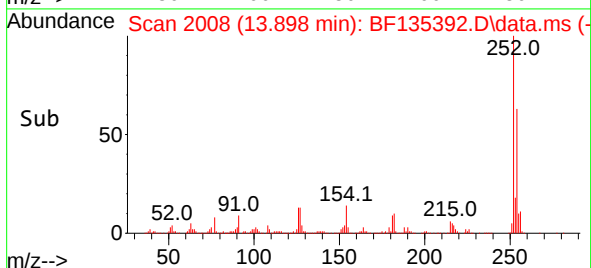
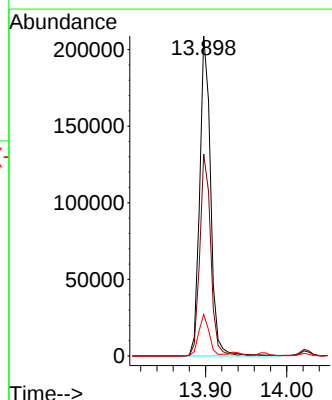
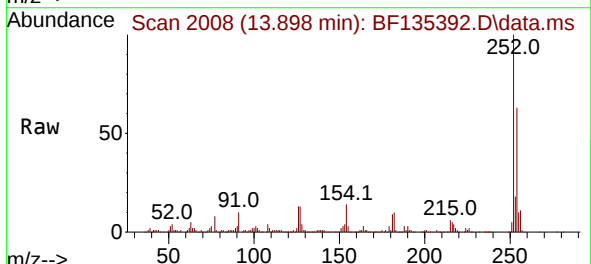
APPROVED

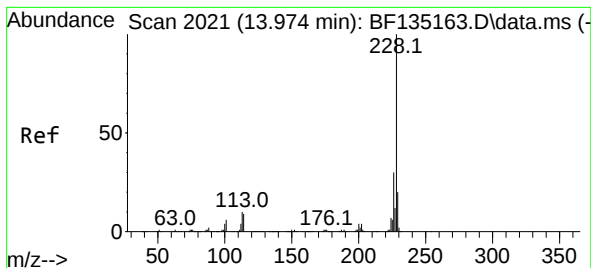
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.959 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:252 Resp: 195637
Ion Ratio Lower Upper
252 100
254 63.1 51.0 76.4
126 13.0 7.8 11.8





#83

Chrysene

Concen: 39.235 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 555800

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

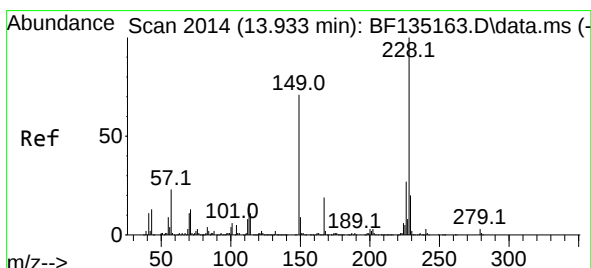
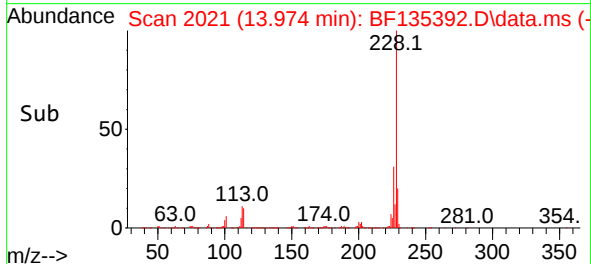
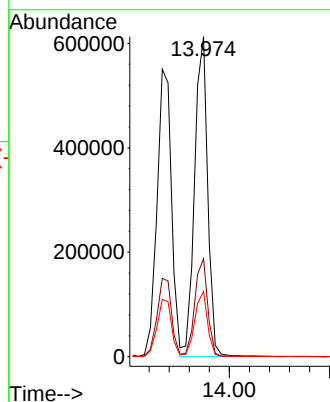
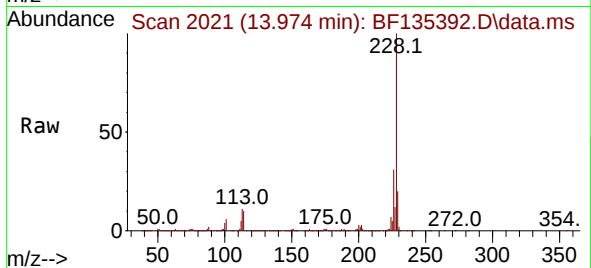
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.978 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

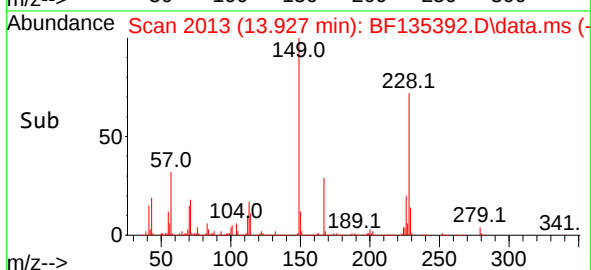
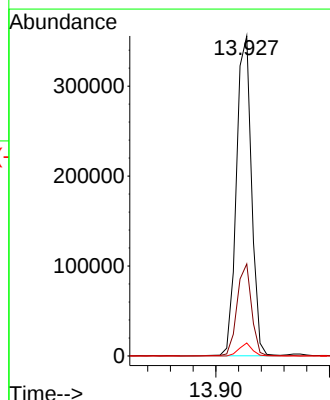
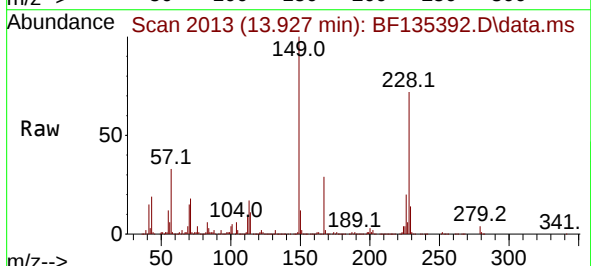
Tgt Ion:149 Resp: 326210

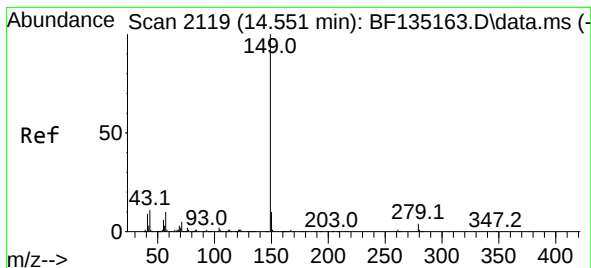
Ion Ratio Lower Upper

149 100

167 28.8 21.9 32.9

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.599 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 53796

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

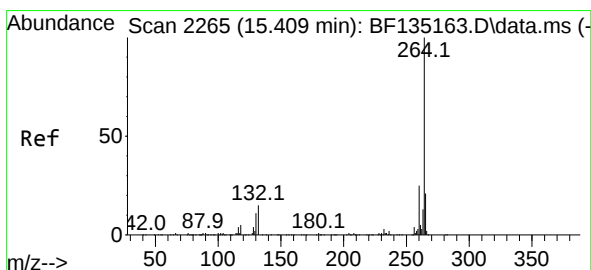
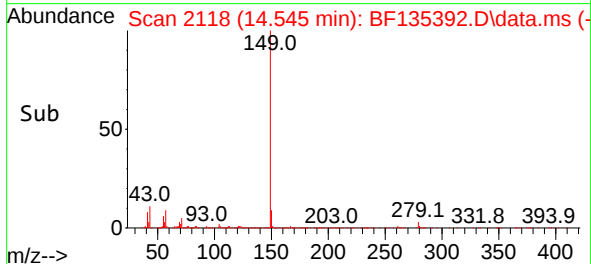
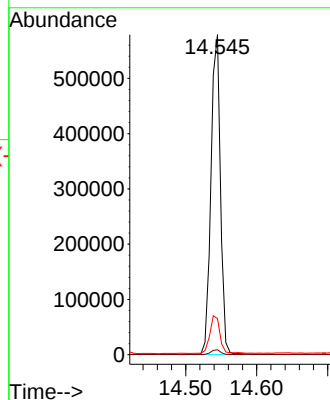
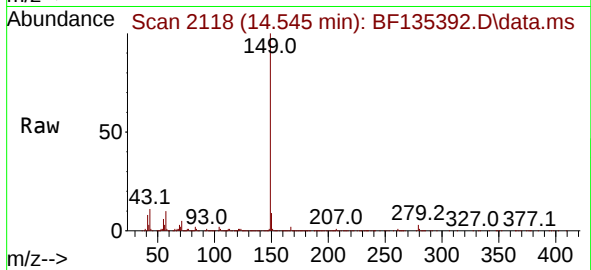
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135392.D

Acq: 22 Sep 2023 10:29

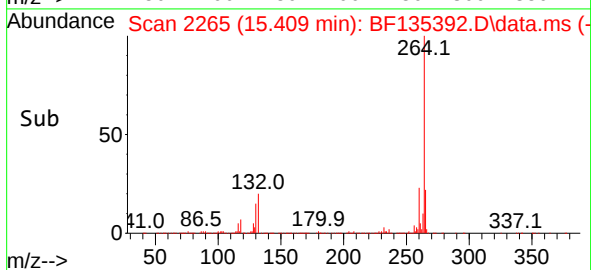
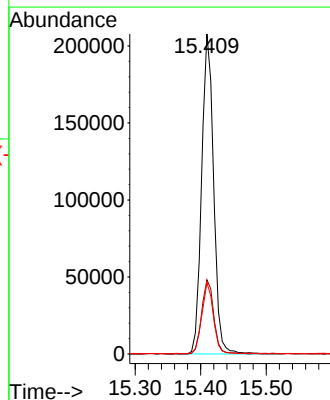
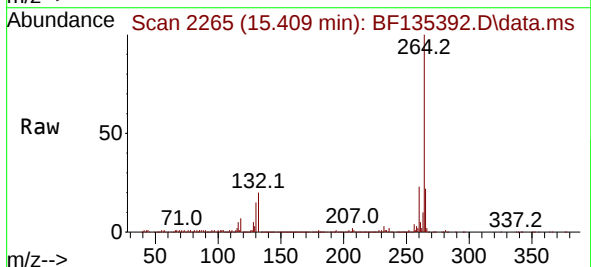
Tgt Ion:264 Resp: 265098

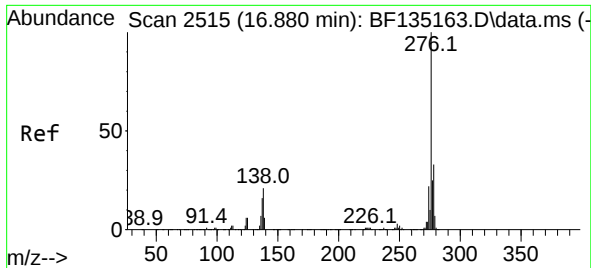
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

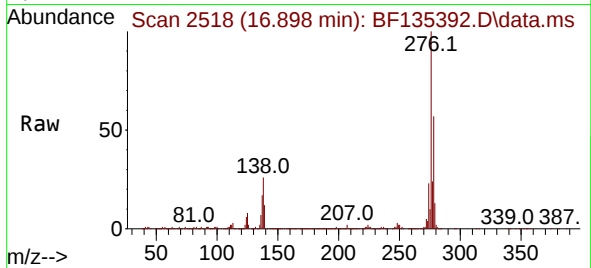
265 22.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.420 ng
RT: 16.898 min Scan# 2515
Delta R.T. 0.018 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

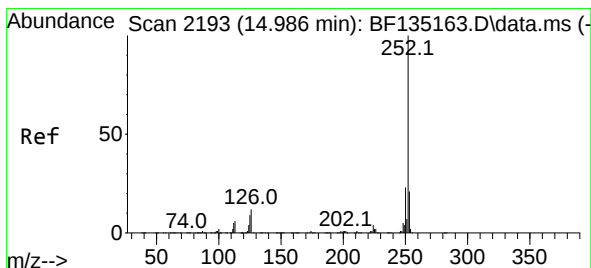
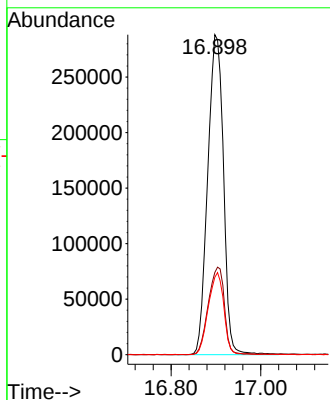
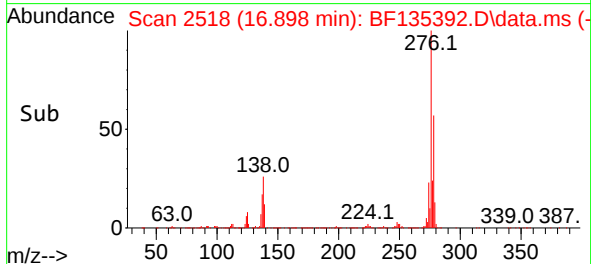
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



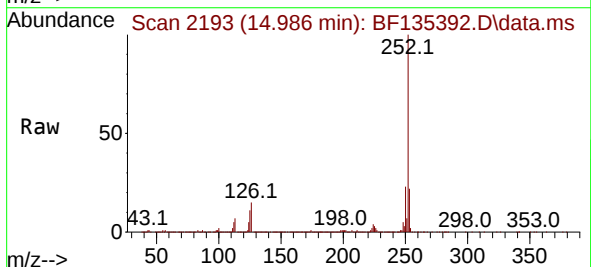
Tgt Ion:276 Resp: 702560
Ion Ratio Lower Upper
276 100
138 27.7 19.2 28.8
277 25.4 19.7 29.5

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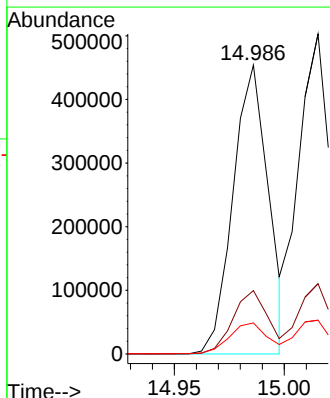
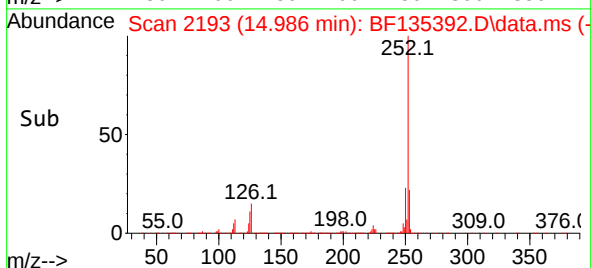
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

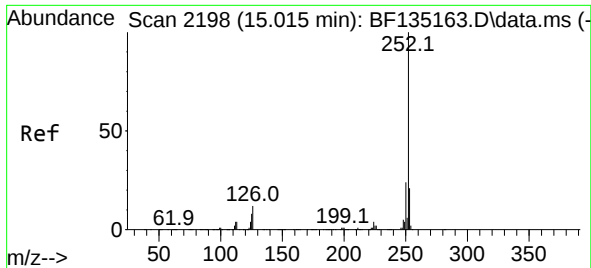


#88
Benzo(b)fluoranthene
Concen: 35.483 ng m
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



Tgt Ion:252 Resp: 509209
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.8 7.1 10.7#





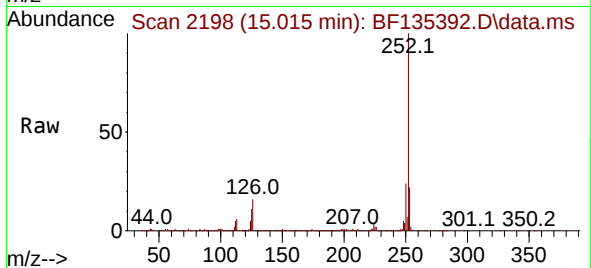
#89
Benzo(k)fluoranthene
Concen: 36.602 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

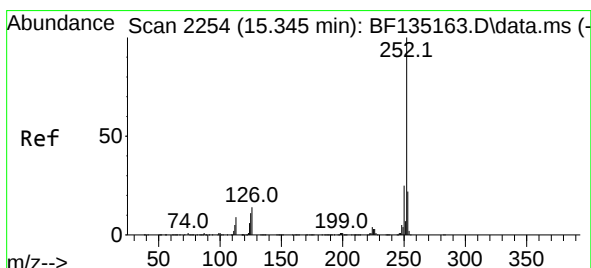
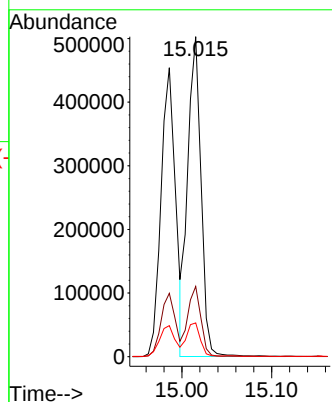
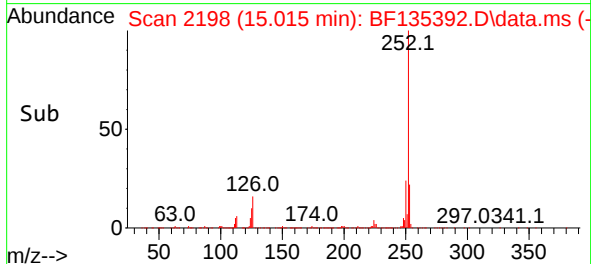


Tgt Ion:252 Resp: 51887
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.6 7.2 10.8

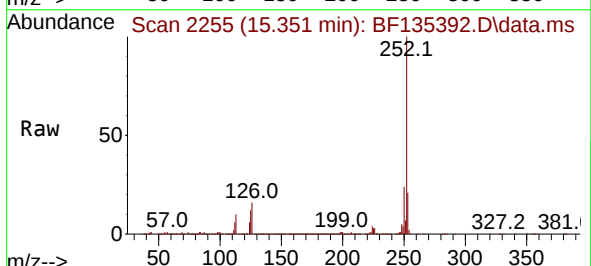
Manual Integrations

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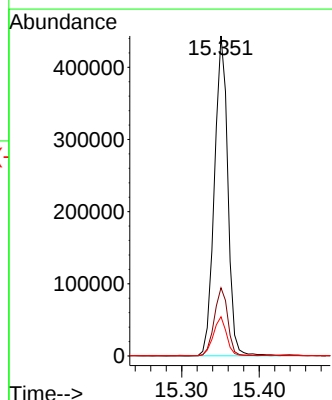
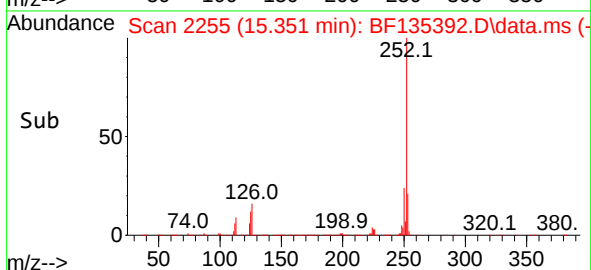
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

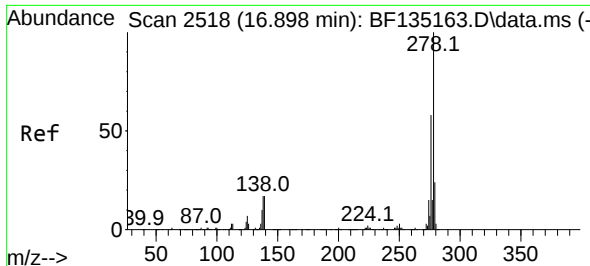


#90
Benzo(a)pyrene
Concen: 38.834 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29



Tgt Ion:252 Resp: 531453
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 12.3 9.2 13.8





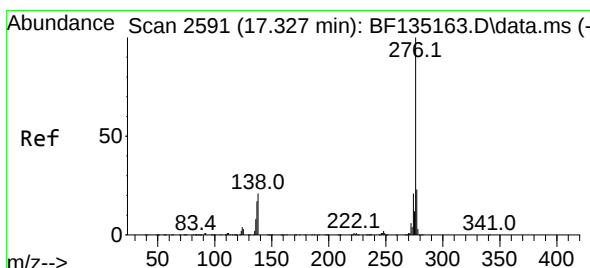
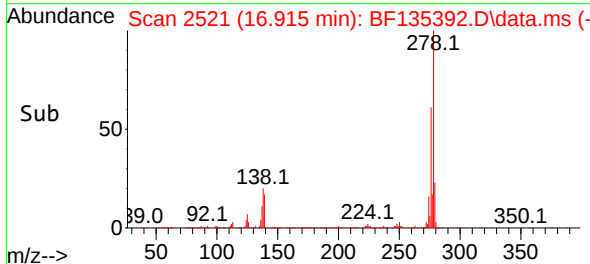
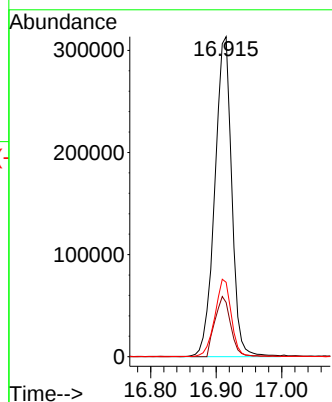
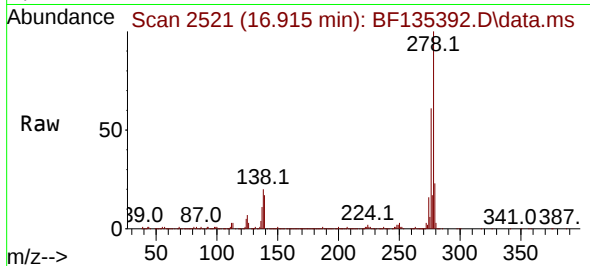
#91
Dibenzo(a,h)anthracene
Concen: 39.416 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 56056
Ion Ratio Lower Upper
278 100
139 17.0 13.4 20.0
279 23.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#92
Benzo(g,h,i)perylene
Concen: 40.592 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135392.D
Acq: 22 Sep 2023 10:29

Tgt Ion:276 Resp: 602902
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 24.1 16.9 25.3

